FINAL VERSION – OCTOBER 16

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION
STIPULATED CLEANUP AND ABATEMENT
ORDER NO. R6T-2026-(PROPOSED)
SITE CLEANUP PROGRAM NO. T6S043
GEOTRACKER GLOBAL ID NO. SL0601754315

This Stipulated Cleanup and Abatement Order (Order No. R6T-2026-(PROPOSED) (Order)) is an agreement between and among the California Regional Water Quality Control Board, Lahontan Region (Lahontan Water Board) Cleanup Team, Seven Springs Limited Partnership and Fox Capital Management Corporation (collectively Parties), and is based on provisions of Water Code sections 13304 and 13267 and Government Code section 11415.60. The Order shall take effect on __ (Effective Date).

I. OVERVIEW

1. **Site:** The former Lake Tahoe Laundry Works (hereinafter referred to as "the Site") is located at 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County (Assessor's Parcel Number 023-430-32-100). The Site is approximately 9,000 feet south of Lake Tahoe and approximately 5,500 feet south of the Tahoe Keys community (Tahoe Keys). The Site is located on the southwest corner of the intersection of Lake Tahoe Boulevard (Highway 50) and Emerald Bay Road (Highway 89) within the South Y Shopping Center in an area locally referred to as the "South Y Area" (Figures 1 and 2). The Site overlies the Tahoe Valley South Subbasin (TVS Subbasin), which is a portion of the Tahoe Valley Groundwater Basin. Groundwater is the primary source of drinking water for communities adjacent to, and downgradient from the Site.[1]

2. **Performing Parties:** Seven Springs Limited Partnership (Seven Springs) and Fox Capital Management Corporation (Fox) are referenced as Performing Parties in this Order.

   Seven Springs Limited Partnership: Seven Springs is the current owner of the South Y Shopping Center, which includes the former location of the Lake Tahoe Laundry Works. The Lake Tahoe Laundry Works operated a coin-operated dry-cleaner at the center unit from approximately 1972 until 1979 or 1980. The Lahontan Water Board contends that Seven Springs is a discharger under Water Code sections 13304 and 13267 because it currently owns the Site, and has caused or permitted waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the State, which creates, or threatens to create, a condition of pollution or nuisance.

[1] Kennedy Jenks, March 30, 2023. *Tahoe Valley South Subbasin (6-005.01) Annual Report 2022 Water Year*, page 6.

Fox Capital Management Corporation: Fox & Carskadon Financial Corporation was the general partner of Century Properties Equity Fund 73 (Century 73), which owned the South Y Shopping Center from September 1974 to December 1985. Fox & Carskadon Financial Corporation changed its name to Fox Capital Management Corporation in or around 1986. The Lahontan Water Board contends that Fox is liable as a discharger under Water Code sections 13304 and 13267. The Lahontan Water Board alleges that, as Century 73's general partner, Fox is liable for all obligations of the limited partnership, including the environmental contamination from the operation of the partnership, and that, as a general partner, Fox knew or should have known that Century 73's lessee's activity created a reasonable possibility of discharge into waters of the state of wastes that could create or threaten to create a condition of pollution or nuisance.

3. **Allegations of Waste Discharges:** The Lahontan Water Board alleges (a) that site assessments conducted at the Site since 2003 indicate that the discharges of wastes to the soil and groundwater occurred as a result of dry cleaning operations between approximately 1972 and 1979; (b) the Site assessments indicate that the soil, soil vapor, and groundwater (Figures 3 through 11) are impacted with chemicals of concern (COCs); (c) the cleaning solvent delivery, handling, and disposal practices reported to have been utilized at the Site are consistent with the common release mechanisms identified in numerous dry cleaner studies and based upon the experience of State Water Resources Control Board (State Water Board) and Lahontan Water Board staff; (d) spills/discharges associated with PCE delivery, handling, and disposal practices are the likely sources of waste discharge at the Site; (e) the investigations conducted to date indicate the general geometry of one continuous regional PCE plume, approximately one mile long, which originates at the Site and extends without interruption through the South Y Area to at least the Tahoe Keys as depicted on Figure 8 (Regional PCE Contamination); (f) the discharges have impaired Municipal and Domestic Supply (MUN) beneficial use (Figure 13) and COCs are present at concentrations that pose a threat to human health and the environment; (g) the threat of vapor intrusion into buildings at and near the Site has created or threatened to create a condition of pollution or nuisance as defined in Water Code section 13050, subdivision (m); and (h) the threat of vapor intrusion is potentially injurious to health, indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property; affects at the same time an entire community; occurs during or as a result of the treatment or disposal of waste. Furthermore, as described in the Findings in Cleanup and Abatement Order R6T-2022-PROPOSED, circulated on June 16, 2022 (June 2022 Draft CAO), the revised CAO dated August 17, 2023 (August 2023 Draft CAO), and revised on July 3, 2026 (2026 Draft CAO) (collectively, the "Draft CAOs"), the Lahontan Water Board has identified Fox and Seven Springs as "Dischargers," as entities that have caused or permitted waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the State, which creates, or threatens to create, a condition of pollution or nuisance.

4. **Performing Parties' Response to Allegations:** The Performing Parties contest each of the Lahontan Water Board's allegations in Paragraphs 2 and 3. The Performing Parties submitted detailed technical comments contending that the Draft CAOs were improper in numerous respects, including (a) by inaccurately describing the source of the contamination at the Site, the Site's regulatory history, and the Performing Parties' prior investigation and remediation work; (b) by incorrectly defining a "South Y PCE Plume" and then incorrectly attributing it exclusively to releases from the Site, despite compelling contrary evidence developed by its own consultants; and (c) by imposing unnecessary, unreasonable, unlawful and unachievable cleanup and abatement requirements. In addition, Fox submitted extensive legal comments on the Draft CAOs, alleging, *inter alia*, that (i) the draft CAOs improperly named Fox as a Discharger in contravention of the plain language of Water Code sections 13304 and 13267 and the precedent established by the Court of Appeal's decision in *United Artists Theatre Circuit, Inc. v. Reg'l Water Quality Control Bd.*, 42 Cal. App. 5th 851 (2019); (ii) that Fox is not a Discharger because the Lahontan Water Board has not shown that Fox knew or reasonably should have known of the reasonable possibility of a discharge that would result in a groundwater contamination nuisance at the Site or that Century 73 or Fox could have prevented the discharge at issue; (iii) that any liability Fox had as a general partner of Century 73 lapsed many years ago; and (iv) the Draft CAOs violate Water Code section 13267 in multiple respects, including by requiring cleanup and abatement in addition to technical and monitoring reports, by seeking to impose liability on a party that has not discharged and is not suspected of discharging waste into waters of the state, and by imposing requirements without properly assessing their costs and burdens. The Performing Parties continue to contend that the 2026 Draft CAO is improper for the same reasons as the June 2022 Draft CAO, and that modifications made in the 2026 Draft CAO and/or the supporting documents are not sufficient to resolve their objections.

5. **No Admissions:** Notwithstanding the prior two paragraphs, the Parties have agreed to this Order to resolve disputed claims set forth in Paragraphs 3 and 4, to avoid expenditure of resources on a contested cleanup and abatement order and to avoid additional litigation. The Parties agree that this Order has been negotiated in good faith and that neither this Order, nor the actions undertaken by Performing Parties in accordance with this Order, constitute an admission of any liability or wrongdoing. The Performing Parties do not admit, and retain the right to controvert in any subsequent proceedings other than proceedings to implement or enforce this Order, any finding of fact or conclusions of law in this Order. The Performing Parties agree that they will not contest the basis or validity of this Order or its terms. Nothing in this Order is intended to or shall waive, release, or compromise in any way any rights or claims that the Performing Parties may have against third parties with respect to the issues addressed herein.

6. **Effect of Agreement**, **Reopener:** (a) In light of the work to be performed and funded by the Performing Parties both on-Site and off-Site, and the ongoing regulatory obligations of water purveyors operating in the TVS Subbasin, the Parties agree that

this Order is intended to be a complete and final agreement, encompassing all cleanup, abatement, investigation, remedial and cleanup activities and costs required to be performed by or owed to the Lahontan Water Board by the Performing Parties. The Lahontan Water Board covenants and agrees that it will not bring or recommend any legal action against the Performing Parties and will oppose any request for reimbursement from the State Water Quality Control Board Division of Financial Assurance for reimbursement of public funds distributed with respect to the Regional PCE Contamination , including but not limited to those set forth below:

Date	**Organization**	**Investigation**
1997	State Water Resources Control Board/South Tahoe Public Utility District	Cleanup and Abatement Account - Geoprobe and Sewer line Investigation
2015	State Water Resources Control Board	Cleanup and Abatement Account-URS PCE Investigation
2016	State Water Resources Control Board/South Tahoe Public Utility District	Proposition 1- South Y Extraction Well Suitability Investigation/Feasibility Study/Interim Remedial Action Plan
2019	State Water Resources Control Board	Site Cleanup Account Program (SCAP) Regional PCE Plume Investigation
2022	State Water Resources Control Board- Lukins	Proposition 68-Lukins GAC Treatment Plant

(b) Furthermore, the Lahontan Water Board covenants and agrees that it will not require, issue any orders, or bring any enforcement action against the Performing Parties for further cleanup, abatement, investigation, remedial or cleanup activities related to the Regional PCE Contamination , its migration, and daughter products, unless

(i) Sampling data received after the Effective Date indicates an as-yet undiscovered discharge on the Site by the Performing Parties**;** or

(ii) Changes to regulatory standards after the Effective Date that indicate that additional investigation or cleanup is necessary to protect human health and the environment.

The Off-Site RAP contains certain specific contingency actions. Termination of this Order may be appropriate even if such contingencies do not occur. The only basis for additional investigation, abatement, or remedial activities beyond what is stated in the

Off-Site RAP is the existence of new information that indicates one of the two conditions above.

Except as expressly agreed herein, nothing in this Order limits the Lahontan Water Board's authority to issue an order or take any other action against the Performing Parties under any provision of law to protect public health and safety, or the environment, or to pursue any existing legal, equitable, or administrative remedies pursuant to state or federal law. Nothing in this Order limits the Lahontan Water Board's authority to issue an order to or take any other action against any person other than the Performing Parties.

7. **Investigations**: Site investigations started in the South Y Area after PCE was first reported in water supply wells in 1989. Since the initial discovery of PCE, multiple regional and site-specific investigations have been conducted by various parties to investigate and cleanup and abate its effects. Additional investigation and monitoring will be conducted, as described under Required Actions below.

8. **On-Site Remediation:** Remediation efforts at the Site have focused on source areas on the land within the Site's property boundaries (hereinafter "on-Site"). An on-Site soil vapor extraction and groundwater air sparging system (SVE/GASS) was constructed in late 2009 to early 2010 to remove volatile organic compounds (VOCs) from the Shallow Zone, which is defined as two to 30 feet below ground surface (bgs). Pilot tests were subsequently conducted to verify the effectiveness of the SVE/GASS. Based on the pilot test results, the Lahontan Water Board approved use of the SVE/GASS as the remedy for VOC contamination in the vadose zone and Shallow Zone groundwater at the Site. The SVE/GASS has been operating since April 2010 and has approached its practical limit; therefore, other remediation techniques will be necessary to reach remedial objectives. It is estimated that approximately 1,016 pounds of VOC mass have been removed from the Site through December 2025. Concentrations in the soil vapor remain above screening levels and additional remediation is necessary.

9. **Current On-Site Groundwater Conditions.** A groundwater monitoring well network has been constructed and is monitoring the Shallow and Middle Zones (up to 60 feet bgs). The results of routine groundwater monitoring conducted since late 2009 are documented in quarterly monitoring reports. Current groundwater conditions indicate that onsite groundwater concentrations of PCE are decreasing but remain above the MCL in a limited portion of the Site. Additional remediation to address on-Site groundwater conditions will be performed under this Order, as described under Required Actions below.

10. **Regional PCE Contamination:** As shown in Figure 10, PCE is present in groundwater in the general area of the TVS Subbasin to depths of approximately 240 feet bgs. Granular activated carbon (GAC) wellhead treatment is currently performed at LBWC No. 5 operated by Lukins Brothers Water Company (LBWC) and TKWC No. 2, operated by Tahoe Keys Water Company (TKWC). PCE has been detected in TKWC No. 1 above the MCL of 5 micrograms per liter (µg/L) one time

(July 2024) since its installation in 1961. Nine sentry wells[2] were installed by the California Department of General Services, Real Estate Services Division, Property Management and Development Branch and AECOM Technical Services, Inc. (AECOM) in 2021 to monitor groundwater upgradient of municipal supply wells. PCE exceeding 10 times the MCL has been detected in sentry wells (TKWC2-SW-1 (50 µg/L PCE; 4/20/2023), TKWC1-SW-1 (150 µg/L PCE; 4/20/2023), and LBWC5-SW-2 (160 µg/L PCE; 4/20/2023) for TKWC No. 1, TKWC No. 2, and LBWC No. 5. Actions to address the Regional PCE Contamination will be performed under this Order, as described below.

11. **Private and Small Community Water System Wells:** On behalf of the Lahontan Water Board, AECOM performed a survey of private and small community water system wells that are within the TVS Subbasin. The status of the wells identified by the survey is summarized in the below table.

Status of Private or Small Community Water System Wells[3]

Well Description	Number of Wells	Number of Wells Sampled	Number of Wells Sampled with PCE Above MCL
Confirmed Active Wells	15	10	0
Suspected Active Wells	4	0	–
Confirmed Inactive Wells	11	7	4
Suspected Inactive Wells that Cannot be Located	18	–	–

One of the nineteen wells identified by the survey as being active or suspected to be active was sampled in 2005. AECOM requested permission on two occasions to sample the nineteen wells as part of the South Lake Tahoe "Y" Area Groundwater PCE Contamination Contract Agreement with the State Water Board completed in 2019 and 2022. AECOM was granted access to sample seven of the 19 wells in 2019 and seven of the 19 wells in 2022, but permission to access the same wells was not granted on both occasions. As a result, AECOM has sampled five wells twice and four wells once. (These nine wells and the one well sampled in 2005 constitute the ten (10) active wells reported as sampled in the table above.) The owners of the

[2] The nine sentry wells consist of (1) TKWC1-SW-1, (2) TKWC1-SW-2, (3) TKWC2-SW-1, (4) TKWC2 SW 2, (5) LBWC1-SW-1, (6) LBWC1-SW-2, (7) LBWC1-SW-3, (8) LBWC5-SW-1, and (9) LBWC5-SW-2.

[3] Information on private and small community system wells summarized from AECOM, June 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019-2020 Field Season*, page 15, Appendix B, Table B-2.

[4] *Id.*, Appendix B, Table B-2. The four private or small community water system inactive wells in which PCE has been measured at concentrations greater than the MCL are located at (1) 883 Eloise Avenue, (2) 903 Eloise Avenue, (3) 787 Emerald Bay Road, and (4) 868 Emerald Bay Road. In August 2015, under an agreement between Seven Springs, Fox, and the Lahontan Water Board, the properties serviced by the well at 883 Eloise Avenue (883 and 903 Eloise Avenue) were connected to permanent replacement water supplied by Lukins Brothers Water Company, Inc.

remaining ten (10) confirmed and suspected active wells did not grant permission for AECOM to sample their wells and such wells are referred to below as the Unsampled Active Wells.

AECOM also identified eleven private or small community water system wells that are verified to exist but no longer in use (hereinafter "Confirmed Inactive Wells"). PCE concentrations greater than the MCL have been measured in four of these Confirmed Inactive Wells.[4] In addition, one inactive well at 788 Roger Avenue that has not been sampled is situated within the area defined by the Lahontan Water Board as within the Regional PCE Contamination.

Finally, AECOM identified eighteen wells from records maintained by the California Department of Water Resources (DWR), but property owners were unable to confirm their existence or locate these wells (hereinafter "Suspected Inactive Wells that Cannot Be Located"). These wells do not pose a human health concern, as explained in the Well Investigation and Closure Plan (WICP), attached hereto as Exhibit 2.

It is anticipated that no new private or small community water system wells will be installed within the area impacted by the Regional PCE Contamination. El Dorado County Department of Environmental Health (EDCDEH) Code Chapter 8.39 provides that "[n]otwithstanding any other provisions to the contrary, no water well permit may be issued for a private water well on parcels that have existing or available public water system connection unless it will be used for agricultural purposes." This provision applies to most of the TVS Subbasin due to municipal water service provided by the South Tahoe Public Utility District, Lukins Brothers Water Company, and TKWC. Code Chapter 8.39 further requires "[a]ll water wells shall be located such that adequate separation is provided between the well and areas with known or suspected contaminants or pollutants." Moreover, State of California Executive Order N-7-22 restricts permits for water wells or alterations of existing water wells in basins subject to the Sustainable Groundwater Management Act (SGMA) and classified as medium or high priority. The Tahoe Valley Groundwater Basin, which includes the TVS Subbasin, is classified as medium priority under SGMA; therefore, the well restriction in Executive Order N-7-22 applies to groundwater subject to this Order. Actions to address existing potentially impacted private and small community water systems wells will be performed under this Order, as described under Required Actions below.

12. Vapor Intrusion: The Lahontan Water Board's contractor, AECOM, performed a preliminary investigation and presented the results of passive soil gas (PSG) sampling in a document titled *Soil Gas Investigation Summary Report, August 2022, South "Y"*

[4] *Id*., Appendix B, Table B-2. The four private or small community water system inactive wells in which PCE has been measured at concentrations greater than the MCL are located at (1) 883 Eloise Avenue, (2) 903 Eloise Avenue, (3) 787 Emerald Bay Road, and (4) 868 Emerald Bay Road. In August 2015, under an agreement between Seven Springs, Fox, and the Lahontan Water Board, the properties serviced by the well at 883 Eloise Avenue (883 and 903 Eloise Avenue) were connected to permanent replacement water supplied by Lukins Brothers Water Company, Inc.

PCE Plume, South Lake Tahoe "Y" Area PCE Project, South Lake Tahoe, California, dated January 17, 2023. AECOM selected the soil gas sampling locations to represent "worst case conditions for potential subsurface-to-indoor-air VI [vapor intrusion]." AECOM's field activities included the collection of 25 passive soil gas (PSG) samplers, as shown on Figure 18 . Seven of the 25 PSGs were located within an area zoned residential and 18 of the 25 PSGs were located within an area zoned commercial. AECOM's investigation found no imminent health risks (i.e., risk >1.0 x 10^{-4}) for acute, short-term or long-term exposures, however, PCE in three PSG samples, SV-1-17, SV-1-22, and SV-1-25, was detected over target risk values for relevant land use.[5] Actions to address potential vapor intrusion concerns associated with the Regional PCE Contamination will be performed under this Order, as described under Required Actions below.

REGULATORY AND LITIGATION HISTORY

13. On May 12, 2017, the Lahontan Water Board issued Cleanup and Abatement Order No. R6T-2017-0022 (2017 CAO) to the Performing Parties. Seven Springs and Fox petitioned the 2017 CAO to the State Water Board.

14. Seven Springs and Fox challenged the 2017 CAO in El Dorado Superior Court on October 10, 2017, and April 20, 2018, respectively.

15. On June 1, 2020, the El Dorado Superior Court vacated the 2017 CAO as to Fox and remanded to the Lahontan Water Board to consider, with respect to Fox, the criteria established for a former landowner/lessor in *United Artists Theatre Circuit, Inc*. *v. Regional Water Quality Control Board, San Francisco Region* (2019) 42 Cal.App.5th 851. The 2017 CAO was not vacated as to Seven Springs, the current property owner of the Site.

16. On June 16, 2022, the Lahontan Water Board circulated the June 2022 Draft CAO for the Site. On August 17, 2023, the Lahontan Water Board circulated the August 2023 Draft CAO.

17. Prior to the consideration of the August 2023 Draft CAO by the Lahontan Water Board, the Performing Parties expressed to the Lahontan Water Board cleanup staff that they would like to pursue settlement negotiations. Negotiations continued throughout the period of time after the August 2023 Draft CAO, and continued despite the 2026 Draft CAO being set for hearing in November 2026. This Order reflects the compromises necessary to avoid further legal challenge to the Order. The obligations contained in this Order address and resolve the findings in the June 2022 Draft CAO, the August 2023 Draft CAO, and the 2026 Draft CAO and supersede and replace those contained in any prior orders issued to the Performing Parties. In the event that this Order is presented to the Lahontan Water Board for consideration, it would be as an alternative to the 2026 Draft CAO updated by the Lahontan Water Board staff,

[5] AECOM, January 2023. *Soil Gas Investigation Summary Report, August 2022: South "Y" PCE Plume South Lake Tahoe, California*, Figures 2-3.

circulated for public comment, and intended to be considered by the Lahontan Water Board at a future meeting.[6]

18. Except as previously expressed in this Order, nothing in this Order is intended or shall be construed to preclude the Attorney General, or any other federal, state, or local agency, board, department, office, commission, or entity from exercising its authority under any laws, statutes, regulations, or ordinances.

OTHER CONSIDERATIONS

19. CEQA: Issuance of this Order is being taken for the protection of the environment in accordance with the California Environmental Quality Act (CEQA) (Public Resources Code § 21000 et seq.). This Order requires the Performing Parties to fund wellhead treatment and well replacement, and to submit plans for approval prior to implementation of cleanup activities at the Site. Payment of funds to water purveyors and submittal of plans are exempt from CEQA as they will not cause a direct or indirect physical change in the environment and/or is an activity that cannot possibly have a significant effect on the environment. (Cal. Code Regs., tit. 14, § 15061, subd. (b)(3).) If the Lahontan Water Board determines that implementation of any plan or activity required by this Order will have a significant effect on the environment, the Lahontan Water Board will conduct the necessary and appropriate environmental review prior to Executive Officer's approval of the applicable plan. Many activities, including groundwater and soil vapor sampling, wellhead treatment, well installation and some forms of remediation are ministerial projects exempt from CEQA. (Cal. Code Regs., tit. 14, § 15268.) The Lahontan Water Board has reviewed past and existing efforts to operate the SVE/GASS, perform groundwater batch pumping and conduct in situ chemical oxidation prior to implementation and determined these activities do not have a significant effect on the environment. (Cal. Code Regs., tit. 14, § 15061, subd. (b)(3).)

20. Safe Drinking Water: It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes (Water Code section 106.3.). This Order promotes that policy by requiring the Performing Parties to (a) provide funding for wellhead treatment and/or replacement well capacity to LBWC and TKWC, and (b) pursuant to the WICP, assess and if necessary, provide alternative water supplies to property owners who rely on impacted private and small community water system wells, in order to ensure provision of water safe to drink.

21. Continuity: By virtue of the contractual agreements set forth in Exhibits 4 and 5, as well as existing duties as water purveyors, the Lahontan Water Board expects continuity in the provision of safe drinking water to consumers impacted by the Regional PCE Contamination.

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[6] This Stipulated Cleanup and Abatement Order will be publicly noticed as a settlement agreement. The Lahontan Water Board may reject it and if it does so, the Draft 2026 CAO may be pursued.

22. **Climate Change:** The Lahontan Water Board has adopted State Water Board Resolution No. 2017-0012 Comprehensive Response to Climate Change (Comprehensive Response to Climate Change). This Order promotes the Comprehensive Response to Climate Change and implementation of SGMA to help protect groundwater resources against drought and climate change to ensure the community of South Lake Tahoe has access to safe, accessible, and affordable drinking water.

23. **Governing Law:** This Order, and the attached documents representing financial payments to the water purveyors, is a settlement pursuant to the laws of California.

24. **If Order Does Not Take Effect**: The Performing Parties' obligations under this Order are contingent upon the entry of the Order by the Lahontan Water Board. In the event that this Order does not take effect because it is not approved by the Lahontan Water Board, the Parties acknowledge that the Cleanup Team could elect to proceed with issuance of the 2026 Draft CAO, and in such a case, the Performing Parties reserve and retain all rights and defenses relating to any allegations regarding the Site, including any CAO issued by the Lahontan Water Board with respect to the Site and the Regional PCE Contamination. The Parties agree that all oral and written statements and agreements made during the course of settlement discussions will not be admissible as evidence in any subsequent administrative or judicial proceeding or hearing and will be fully protected by California Evidence Code sections 1152 and 1154; California Government Code section 11415.60; Rule 408, Federal Rules of Evidence; and any other applicable privilege or protection under federal and/or state law. The Parties also agree to waive any and all objections to the 2026 Draft CAO specifically related to their efforts to settle this matter, including, but not limited to:

    a. Objections related to prejudice or bias of any of the Regional Water Board members or their advisors and any other objections to the extent that they are premised in whole or in part on the fact that the Regional Water Board members or their advisors were exposed to some of the material facts and the Parties' settlement positions and therefore may have formed impressions or conclusions, prior to conducting any contested evidentiary hearing in this matter; or

    b. Laches or delay or other equitable defenses based on the time period that the Order or decision by settlement may be subject to administrative or judicial review.

II. REQUIRED ACTIONS

THEREFORE, IT IS HEREBY STIPULATED AND ORDERED, pursuant to Water Code sections 13304 and 13267, and Government Code 11415.60, that the Performing Parties shall forthwith investigate, clean up the waste and abate the effects of waste discharging at and from **1024 Lake Tahoe Boulevard, South Lake Tahoe, California** as provided in this Order. "Forthwith" means as soon as reasonably possible, but in any event no later than the compliance dates in Attachment A, Time Schedule. More specifically, the Performing Parties shall:

1. Implement On-Site Remedial Action Plan.

a. The Performing Parties shall perform the work detailed in the On-Site Remedial Action Plan (On-Site RAP), attached hereto as Exhibit 1 and incorporated into this order.

b. The Performing Parties shall complete the On-Site RAP in accordance with the approved schedule set forth therein and Attachment A.

2. Implement Plan to Address Private and Small Community Water System Wells

a. The Performing Parties shall perform the work detailed in the Well Investigation and Closure Plan (WICP), attached hereto as Exhibit 2 and incorporated into this Order.

b. The Performing Parties shall complete the WICP in accordance with the approved schedule set forth therein and Attachment A.

3. Implement a Vapor Intrusion Investigation Work Plan

a. The Performing Parties shall perform the work detailed in the Vapor Intrusion Investigation Work Plan (VIIWP), attached hereto as Exhibit 3, and incorporated herein by reference.

b. The VIIWP requires further evaluation and mitigation of contamination that is part of the existing Regional PCE Contamination.[7] Thus, if the sampling and evaluation performed under the VIIWP identifies a need for response actions as a result of such existing contamination, then preparation and implementation of the VI Mitigation Plan and/or performance of additional rounds of indoor air sampling or sub-slab vapor testing, as required, will be the responsibility of the Performing Parties unless the Performing Parties can demonstrate that the discharge occurred after the date of this Order. In the event of any disagreement between the Performing Parties and the Lahontan Water Board as to whether the Performing Parties are obligated to perform work based on the data collected pursuant to the VIIWP, the Performing Parties shall demonstrate that the terms of this paragraph are met by a preponderance of the evidence.

c. The Performing Parties shall complete the VIIWP in accordance with the approved schedule set forth therein and as detailed in Attachment A.

[7] The VIIWP requires Performing Parties to address commingled discharges that are on or off-Site but does not require any action on the properties subject to Revised Cleanup and Abatement Order No. R6-2025-0005 [Former Norma's Cleaners] or Revised Cleanup and Abatement Order R6-2025-0006 [Big O Tires] as of the date of this Order, or for which the Performing Parties can demonstrate an independent, on-site release that materially contributes to any required vapor mitigation.

4. Prepare and Submit Human Health Risk Assessments

a. In accordance with the schedule set forth in Attachment A, the Performing Parties shall prepare and submit to the Lahontan Water Board human health risk assessment(s) that considers all waste constituents in soil vapor, indoor air, and groundwater; appropriate exposure pathways (i.e., inhalation of VOCs in an enclosed space and ingestion of VOC-impacted groundwater); and sensitive human receptors. The HHRA(s) shall:

   i. compare available soil vapor, indoor air, and groundwater COC concentrations to appropriate ESLs and MCLs to evaluate the potential and known threats that remaining soil vapor, indoor air and groundwater contamination pose to sensitive human receptors.

   ii. conduct a risk assessment for soil vapor, indoor air and groundwater in areas of the Regional PCE Contamination where concentrations of COCs are greater than ESLs or MCLs. Exposure levels selected must be relevant for exposure pathways and receptors for area sampled, shall be acceptable to the Executive Officer, and may be reviewed by the California Office of Environmental Health Hazard Assessment (OEHHA).

b. The HHRA(s) shall conform with the most current guidance documents,[8] and be acceptable to the Executive Officer.

c. Upon receipt of notice of the Executive Officer's acceptance of the HHRA(s), the HHRA(s) shall be incorporated into this Order and the HHRA findings shall be used to determine if remedial actions are required to address threats, if any, posed by COCs in soil vapor, indoor air, and groundwater on-Site and off-Site. If the HHRA(s) are used to identify off-Site threats posed by COCs in soil vapor, indoor air, or groundwater, the Performing Parties (i) will not be responsible for evaluating or mitigating any such off-Site threats posed by COCs in soil vapor or indoor air, if they demonstrate, by a preponderance of the evidence, that such COCs meet the conditions of subsection 3.b.i, 3.b.ii, or 3.b.iii. In no event shall the Performing Parties be responsible for evaluating or mitigating threats posed by COCs that are not related to the Regional PCE Contamination, which are being addressed by the Performing Parties exclusively through their implementation of Tasks 1 and 5.

[8] DTSC, October 2015. *Preliminary Endangerment Assessment Guidance Manual*, Revised; DTSC, August 23, 2014. *Human Health Risk Assessment (HHRA) Note Number 5, Health-based Indoor Air Screening Criteria for Trichloroethylene (TCE)*; DTSC and CalEPA, October 2011, *Vapor Intrusion Mitigation Advisory*; San Francisco Bay Regional Water Board Vapor Intrusion Framework, October 16, 2014. *Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region*; and U.S. EPA, June 2015. *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*.

5. Develop, Submit, and Implement Off-Site Remedial Action Plan

a. On August 20, 2026, the Performing Parties submitted to the Lahontan Water Board an Off-Site Remedial Action Plan (Off-Site RAP), attached hereto as Exhibit 4, that consisted of the following components:

i. Description of, and justification for, the recommended receptor protection strategy for soil vapor, indoor air, and groundwater (refer to Off-Site RAP sections 1.2 and 6.4);

ii. Identification of short- and long-term receptor protection goals and objectives for soil vapor, indoor air, and groundwater (refer to Off-Site RAP section 5.0);

iii. Description of the conceptual receptor protection design. For groundwater, this includes identification and description of the system operators and components LBWC and TKWC to conduct wellhead treatment and well replacement, in accordance with the separate Settlement Agreements with LBWC and TKPOA (refer to Off-Site RAP section 7.0 and Appendix A and B);

iv. Identification of the performance metrics to be used to evaluate receptor protection goals and objectives over the receptor protection duration and to complete wellhead treatment (refer to Off-Site RAP sections 5.3.1.1, 5.3.2, and 7.5);

v. Description of the groundwater receptor protection monitoring and reporting program (refer to Off-Site RAP section 7.1). This description shall:

1. Identify the parties responsible for implementing the monitoring and reporting program (refer to Off-Site RAP section 7.1);

2. Outline the process that will be implemented to obtain regulatory approval for monitoring and reporting program modifications;

3. Scheduling, implementation, completion and reporting of all Off-Site RAP-related activities required in this SCAO shall be conducted in accordance with the requirements detailed in Attachment A, Time Schedule and Attachment C, Monitoring and Reporting Program.

vi. Descriptions and assumptions of the operations and maintenance plan for the duration of the groundwater receptor protection strategy (refer to Off-Site RAP section 7.2);

vii. Discussion of contingency planning assumptions contained in the Settlement Agreements, including unanticipated changes in water purveyor/agency ownership, changes in well ownership, future water supply well rehabilitation/development costs, potential water supply well replacement/destruction, and potential changes in routine operational costs (refer to Off-Site RAP section 8.0);

viii. Termination due to satisfaction of settlement criteria (see conditional approval terms and hypotheticals);

ix. A description of the frequency at which the existing sentry well network will be sampled to assess the potential for PCE to migrate into water supply wells at concentrations greater than the MCL and to provide advanced notice to LBWC and TKWC of potential PCE migration towards their municipal supply wells (refer to section 7.4.1).

x. The Off-Site RAP is subject to the Lahontan Water Board's October 19, 2026 Conditional Approval letter, attached hereto as Exhibit 7, which sets forth standards for the monitoring and reporting program The Conditional Approval letter is to be considered an Appendix to this SCAO and contains enforceable provisions of the SCAO.

b. Subject to the Conditional Approval Letter, the Off-Site RAP, is incorporated into this Order and shall be completed by the Performing Parties in accordance with the approved schedule set forth therein.

6. Prepare and Submit a Public Participation Plan

a. In accordance with the schedule set forth in Attachment A, the Performing Parties shall prepare and submit to the Lahontan Water Board a Public Participation Plan (PPP) in accordance with Water Code sections 13307.5 and 13307.6 and currently available guidance for public participation.[9] The PPP shall be prepared with the goal of providing stakeholders and other interested persons with periodic, meaningful opportunities to review, comment upon, and to influence investigation and cleanup activities. The PPP shall consist of the following:

i. Procedures to be implemented to communicate water quality testing results in writing to:

(A) All owners of wells sampled pursuant to the WICP, and

(B) Relevant regulatory agencies (e.g., Lahontan Water Board and EDCDEH). Procedures shall consider the need for materials to be provided in languages other than English.

ii. Community involvement strategies to be used, such as use of fact sheets, plans to conduct community meetings or workshops, and establishing an information repository.

[9] Example: Public Participation Manual (DTSC, 2001) https://dtsc.ca.gov/get-involved/policies-procedures-public-participation-program/

iii. Procedures to be implemented to provide for public participation in connection with each RAP.

iv. A schedule for completing the tasks required by subparagraph (b) below.

b. The following tasks shall be completed by the deadlines set forth in the approved PPP.

i. Submission of a baseline community assessment.

ii. Submission an interested persons contact list.

iii. Submission of a draft fact sheet that provides information, appropriately targeted to the literacy and translational needs of the community, about the investigation and remedial activities concerning the discharges of waste at the Site.

c. Public participation activities shall coincide with key decision-making points throughout the process as specified or as directed by the Executive Officer.

d. Upon receipt of notice of the Executive Officer's acceptance of the PPP, the PPP shall be incorporated into this Order and shall be completed by the Performing Parties in accordance with the approved schedule set forth therein.

III. OTHER REQUIREMENTS AND SPECIFICATIONS

1. Authorized Inspection and Entry

To the extent allowed by law, the Lahontan Water Board's authorized representative(s) has (have) permission to:

a. Enter upon premises owned by a Performing Party where a regulated facility or activity is located, conducted, or where records are stored, under the conditions of this Order;

b. Access to copy any records that are stored under the conditions of this Order;

c. Access to inspect any facility owned by a Performing Party and, equipment (including monitoring and control equipment), practices, or operations conducted by a Performing Party regulated or required under this Order; and

d. The right to photograph, sample, and monitor the Site and/or off-Site work equipment and infrastructure for the purpose of ensuring compliance with this Order, or as otherwise authorized by the Water Code.

2. Contractor/Consultant Qualification

As required by Business and Professions Code sections 6735, 7835, and 7835.1, all reports shall be prepared by, or under the supervision of, an appropriately experienced California registered professional civil engineer or geologist and signed by the registered professional. All technical reports submitted by the Performing Parties shall include a statement signed by the authorized representative certifying under penalty of law that the representative has examined and is familiar with the report and that to his knowledge, the report is true, complete, and accurate. All technical documents shall be signed by and stamped with the seal of the abovementioned qualified professionals that reflects a license expiration date.

3. Compliance with All Laws and Requirements

This Order does not modify or any other supersede any Order issued by the Lahontan Water Board to any third party, nor shall it be used as a reason to stop or redirect any investigation or cleanup or remediation programs by any third party ordered by the Lahontan Water Board or any other agency. Furthermore, this Order does not exempt the Performing Parties from compliance with any other laws, regulations, or ordinances which may be applicable, nor does it legalize these waste treatment and disposal facilities, and it leaves unaffected any further restrictions on those facilities which may be contained in other statutes or required by other agencies.

In addition, the implementation of plans described herein (the WICP, On-Site RAP, VIIWP, HHRA, Off-site RAP) will be governed by the ordinary practice of receipt and review of data as it is gathered in accordance with the workplans. Notwithstanding the resolution of investigation and cleanup obligations reflected herein, staff's approval of the work conducted in accordance with the workplans may require additional data collection, sampling, or effort to comply with the terms of this Order. Consistent with the workplans developed to date and "cost reimbursement" below, future staff oversight costs will be borne by the Performing Parties pursuant to Water Code section 13304[10].

4. Notice of Changed Name or Ownership

The Performing Party Seven Springs shall submit a notice to the Lahontan Water Board 30-days in advance of any planned changes in name, ownership, or control of the Site and shall provide a notice to the Lahontan Water Board 30-days in advance of any planned physical changes to the Site that may affect compliance with this Order. In the event of a change in ownership or operator, the Performing Party Seven Springs also shall provide a notice 30 days in advance, by letter, to the succeeding owner/operator of the existence of this Order, and shall submit a copy of this advance notice to the Lahontan Water Board. Transfer of ownership does not automatically transfer responsibility for the requirements in this Order. Additionally, each Performing

[10] The conditional approval of workplans described herein is not a reflection or approval of any work pursuant to the July 2026 CAO.

Party will submit written notice to the Lahontan Water Board in the event it changes its name or there is a change in its ownership.

5. Well Destruction Approval

Destruction of any groundwater well(s) utilized in the groundwater monitoring program must be approved by and reported to the Lahontan Water Board at least 30 days in advance. When a well is removed, all destruction work shall be completed in accordance with California Department of Water Resources Bulletin 74-90, "California Well Standards," Monitoring Well Standards Chapter, Part III, Sections 16-19.

6. Extensions

In the event compliance cannot be achieved within the terms of this Order, the Performing Parties have the opportunity to request, in writing, an extension of the time specified. The extension request shall include an explanation why the specified date could not or will not be met and justification for the requested period of extension. Any extension request shall be submitted as soon as the situation is recognized and no later than the compliance date. Extension requests not approved in writing with reference to this Order are denied.

7. Delegated Authority to the Executive Officer

The Lahontan Water Board, through its Executive Officer, may defer, delete or extend the date of compliance for any action required of the Performing Parties under this Order.

Reference herein to determinations and considerations to be made by the Lahontan Water Board regarding the terms of the Order shall be made by the Executive Officer or his/her designee. Decisions and directives made by the Executive Officer with respect to this Order shall be as if made by the Lahontan Water Board.

8. Cost Reimbursement

Consistent with Water Code section 13304, the Performing Parties agree to reimburse the Lahontan Water Board for the reasonable costs actually incurred to oversee the work the Performing Parties agreed to perform under this Order.

9. Reports Submitted Under Penalty of Law

Consistent with Water Code section 13267, subdivision (b)(1), all reports submitted under this Order shall be signed by a senior authorized representative (not by a consultant). The statement shall be in the following format:

> "I, [NAME], certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons

who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

10. Electronic Submission of Reports

On September 30, 2004, the State Water Board adopted the resolution to revise regulations in Chapter 30, Division 3 of Title 23 of CCR, which requires persons to ensure electronic submission of laboratory analytical data (i.e., soil, soil vapor, or groundwater chemical analysis) and locational data (i.e., location and elevation of groundwater monitoring wells) via the Internet to the State Water Board's GeoTracker database. You must upload all available Electronic submittal of information (ESI) concerning the Site to the State Water Board's GeoTracker database: the report (in PDF format), laboratory analytical data (in electronic data format [EDF]), monitoring event information in GEO_WELL format, an updated site map (GEO_MAP) showing any new monitoring well locations, boring logs in PDF (GEO_BORE) to be used to link to well locations, monitoring well latitude and longitude (GEO_XY) survey data, and monitoring well elevation data (GEO_Z). Hard copy paper reports, which have already been electronically uploaded to GeoTracker, are no longer required to be submitted to the Water Board. The regulations and other background information are available at https://geotracker.waterboards.ca.gov

11. Enforcement

Failure to comply with the terms or conditions of this Order may result in imposition of civil liabilities, imposed either administratively by the Lahontan Water Board or judicially by the Superior Court in accordance with Water Code sections 13268, 13304, 13308, and/or 13350, and/or referral to the Attorney General of the State of California.

12. Bankruptcy

None of the obligations imposed by this Order on the Performing Parties are intended to constitute a debt, damage claim, penalty or other civil action which should be limited or discharged in a bankruptcy proceeding. All obligations are imposed pursuant to the police powers of the State of California intended to protect the public health, safety, welfare, and environment.

13. Public Comment

On September 11, 2026, a draft of this Order was circulated for public comment; the comment period ended on October 14, 2026The Lahontan Water Board has reviewed all comments received and, where appropriate, made changes to the draft Order based on the comments received.

14. Post-Order and Off-Site Discharge:

Notwithstanding any other provision of this Order, the Performing Parties may request in writing that the Lahontan Water Board issue investigative and/or cleanup directives pursuant to Water code sections 13267 and 13304, or take any other action the Lahontan Water Board deems appropriate, if a preponderance of evidence indicates that a discharger other than Performing Parties has discharged VOCs after the date of this Order into the Regional PCE Contamination ("Post-Order Third Party Discharge"), where such discharge has resulted in impacts to the Performing Parties' obligations under this Order. Post-Order Third Party Discharges do not include the passive migration of contaminants through the soil or groundwater, or both, where the discharge of contaminants preceded the date of this Order. As required by applicable law, the Lahontan Water Board will proceed in the manner required by law and any resulting decisions or orders will be supported by findings that are in turn supported by evidence. The Lahontan Water Board shall notify the Performing Parties promptly upon receiving notice of any Post-Order Third Party Discharge of VOCs. The Performing Parties and the Lahontan Water Board agree that the Lahontan Water Board's written response, or the absence of a written response within 60 days of receipt of a written request for relief by the Performing Parties, shall be considered a final decision or order of a regional board subject to review by the State Water Board under Sections 13320 and 13330 of the Water Code and Section 1094.5 of the Civil Code. If the Lahontan Water Board reasonably requires additional information to make a determination, the 60 days shall run from the date of receipt of the additional information.

15. Termination:

The Performing Parties may request in writing that the Lahontan Water Board terminate the Order when the Performing Parties have completed all the Required Actions set forth herein. Termination of the Order in accordance with this Section 15 shall not invalidate or diminish the benefits and protections provided to the Performing Parties under this Order. In response to the written request, the Lahontan Water Board shall issue a written determination as to whether the Performing Parties have completed all of the Required Actions required by this Order, which determination shall set forth and explain the basis for the Lahontan Water Board's determination. Only after the completion of the Required Actions and the passage of time (59 years) after the Execution of this Order, subject to any extensions consistent with the Off-Site RAP, could termination be appropriate. The Lahontan Water Board's written determination, or the absence of a written determination within 60 days of receipt of a written request for termination by the Performing Parties, shall be considered a final decision or order of a regional board subject to review by the State Water Board under Sections 13320 and 13330 of the Water Code and Section 1094.5 of the Civil Code.

IT IS SO STIPULATED.

Signatures on following page.

Agreed to by: _____ Date: 10/20/2026
BENJAMIN LETTON,
EXECUTIVE OFFICER

SEVEN SPRINGS LIMITED PARTNERSHIP, a Missouri limited partnership, Date: 10/18/2026

By: Real Estate Management Associates, LLC, a Missouri limited liability company, its General Partner,

By: Brendan Griffin Lyddon, Authorized Signatory
Signed by: BRENDAN GRIFFIN LYDDON
37BC2986276F46F...
Brendan Griffin Lyddon

By: Marlowe Griffin Lyddon, Authorized Signatory
Signed by:
F75D3AF078674F9...
10/18/2026
Marlowe Griffin Lyddon

Signed by: Lisa Cohn
5D397BC7C6AC430...
Date: 10/18/2026
Lisa Cohn, Authorized Signatory
FOX CAPITAL MANAGEMENT CORPORATION

HAVING CONSIDERED THE PARTIES' STIPULATIONS, THE LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD FINDS THAT:

1. The foregoing Stipulation is fully incorporated herein and made part of this Order.

2. This is an action to enforce the laws and regulations administered by the Regional Water Board. The Regional Water Board finds that issuance of this Order is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, sections 21000 et seq.), in accordance with section 15321, subdivision (a)(2), Title 14, of the California Code of Regulations.

3. The Executive Officer of the Regional Water Board is authorized to refer this matter directly to the Attorney General for enforcement if the Performing Parties fail to perform any of their obligations under this Order.

Pursuant to Water Code section 13323 and Government Code section 11415.60, **IT IS HEREBY ORDERED** on behalf of the California Regional Water Quality Control Board, Lahontan Region.

By: _____
Assistant Executive Officer Jan Zimmerman
Lahontan Regional Water Quality Control Board

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Exhibit 2: Well Investigation and Closure Plan

Exhibit 3: Vapor Intrusion Investigation Work Plan

Exhibit 4: Off-Site Remedial Action Plan

Exhibit 5: Lukins Brothers Water Company Settlement Agreement

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ATTACHMENTS

ATTACHMENT A: TIME SCHEDULE

TASK	DEADLINE[1]
Task No. 1, On-Site Remedial Action Plan (RAP)	
Submit On-Site RAP for Public Comment	Within 2 months of Order adoption
Finalize On-Site RAP	Within 4 months of Order adoption
Implement On-Site RAP	Within 6 months of Order adoption
Report Status	Include status updates in quarterly monitoring reports submitted no later than 75 days following the end of the subject quarter
Submit Remedial Design Implementation Plan/Report of Waste Discharge	Within 9 months of Order adoption
Submit Remedial Action Implementation Report	Within 12 months of Order adoption
Submit Five-Year Review Reports	Five years after Order adoption and every five years thereafter (if needed)
Submit Remedial Action Completion Report	Within 3 months of On-Site RAP field implementation completion.
Submit Final Well Destruction Report	Within 2 months of Remedial Action Completion Report acceptance
Task No. 2, Well Investigation and Closure Plan (WICP)	
Conduct Public Participation as outlined in Public Participation Plan and seek access to each relevant property	Within 2 months of Public Participation Plan acceptance
Complete initial sampling of Unsampled Active Wells	Within 3 months of receiving owner access to each well
Complete quarterly monitoring for one year for wells at which a COC is detected	Within 15 months of the initial detection at each well
Complete destruction of Confirmed Inactive Wells of Interest	Within the first snow-free season (May 1 – October 31) following owner authorization and issuance of the El Dorado County EMD well destruction permit
Report Status	Within quarterly monitoring reports submitted no later than 75 days following the end of the subject quarter.
Submit Final WICP Completion Report	Within 3 months of completion of all well sampling, quarterly monitoring, and well destruction activities under the WICP.

Task No. 3, Vapor Intrusion Investigation Work Plan (VIIWP)	
Implement Initial VIIWP Sampling Tasks	Within 3 months of Order adoption or during the first snow-free season (May 1 – October 31) following Order adoption, whichever is later.
Complete Initial VIIWP Implementation Sampling Tasks	Within 3 months of initiation of soil gas probe installation
Complete second (seasonal) round of soil gas sampling	Approximately 6 months after completion of the initial round, in accordance with the VIIWP
Conduct indoor air and sub-slab vapor sampling, if required under the VI Flowchart	Initial event within 3 months of receiving building access following outreach under the Public Participation Plan; second event in a different season
Submit Work Plans for Additional Work (as necessary)	Within standalone reports submitted no later than 75 days following the end of the subject quarter.
Report Status	Within quarterly monitoring reports submitted no later than 75 days following the end of the subject quarter.
Submit Final VIIWP Completion Report	Within 3 months of completion of all sampling rounds required under the VIIWP, including any second-season events.
Task No. 4, Human Health Risk Assessment (HHRA)	
Submit Initial HHRA	Within 4 months of completion of all sampling rounds required under the VIIWP.
Report Status	Within quarterly monitoring reports submitted no later than 75 days following the end of the subject quarter.
Submit Final HHRA Report	Within 3 months of VIIWP and WICP completion report acceptance.
Task No. 5 Off-Site Remedial Action Plan	
Provide reimbursement to LBWC for wellhead treatment and TKWC for municipal water supply well replacement	In accordance with the LBWC and TKWC settlement agreements.
Report Status	By June 15, September 15, December 15 and March 15 of each year until remedy completion

Submit Sentry Well Monitoring Reports	By June 15 and December 15 of each year until remedy completion
Submit Five-Year Review Reports	By March 15, 2032, and every five years thereafter until remedy completion
Submit Final Off-Site Remedial Action Plan Completion Report	Within 3 months of Off-Site Remedial Action Plan completion
Task No. 6, Public Participation Plan	
Submit Public Participation Plan	Within 2 months of Order adoption.
Implement Public Participation Plan	Within 1 month of Public Participation Plan acceptance.
Report Status	Include status updates in quarterly monitoring reports submitted no later than 75 days following the end of the subject quarter.

ATTACHMENT B: TECHNICAL REPORTING REQUIREMENTS FOR STIPULATED CLEANUP AND ABATEMENT ORDER NO. R6-2026-(PROPOSED)

Site Investigation, Monitoring Well Installation, and Vapor Intrusion Investigation Reporting Requirements

i. A narrative description of work performed, and information obtained.

ii. Boring logs, monitoring and soil vapor well construction summaries (if applicable), well survey data, and analytical data.

iii. Site map(s) showing the location of all borings (i.e., soil sampling points and depth discrete groundwater sampling points), and Site monitoring wells, sensitive receptors, and supply wells. All Figures must be drawn to scale, be in color, and label relevant features, such as roads, relevant property boundaries, etc. If appropriate, the site maps should also show the location of all identified preferential pathways (e.g., utility backfills) and vertical conduits relevant supply wells.

iv. Soil vapor iso-concentration map(s) showing all sampling locations and data points with boundary lines of chlorinated hydrocarbons drawn out to the relevant ESL. Question marks shall indicate areas where boundaries are unknown.

v. Groundwater iso-concentration map(s) showing all sampling locations and data points with boundary lines of chlorinated hydrocarbons in groundwater drawn out to 0.5 µg/L (i.e., the method detection limit representing natural background conditions). Question marks shall indicate areas where boundaries are unknown.

vi. Description of the geology and hydrogeology encountered within the investigation area footprint. Include geologic cross sections extending from the Site to the limits of groundwater sampling that show depth discrete groundwater sampling results.

vii. Depth of first encountered groundwater at all points sampled. State whether perched zones were encountered and the basis for this finding.

viii. Evaluation of COC transport along preferential pathways and/or vertical conduits and the basis for these conclusions.

ix. Description of data gaps identified during investigations and schedule for investigating and evaluating data gaps.

ATTACHMENT C MONITORING AND REPORTING PROGRAM FOR STIPULATED CLEANUP AND ABATEMENT ORDER R6-2026-(PROPOSED)

This Monitoring and Reporting Program (MRP) is part of Stipulated Cleanup and Abatement Order No. R6T-2023-(PROPOSED) (SCAO). Failure to comply with this program constitutes noncompliance with the SCAO and California Water Code, which can result in the imposition of civil monetary liability. All sampling and analyses shall be conducted in conformance with the SAP using USEPA-approved methods. Deviation from the test method(s) chosen for detection of the constituents of concern shall be subject to review and concurrence by the Lahontan Water Board.

Laboratory analytical reports to be included in technical reports shall contain a complete list of chemical constituents, which are tested for and reported on by the testing laboratory. In addition, the reports shall include both the method detection limit and the practical quantification limit for the testing methods. All samples shall be analyzed within allowable holding time. All quality assurance/quality control (QA/QC) samples must be run on the same dates when monitoring samples were actually analyzed. Proper chain of custody procedures must be followed and a copy of the completed chain of custody form (with laboratory sample receipt logs) shall be submitted with the report. All analyses must be performed by a State Water Resources Control Board Division of Drinking Water accredited laboratory.

Groundwater Monitoring

The Performing Parties' monitoring and reporting obligations under the SCAO include semi-annual sentry well sampling and updates in quarterly technical reports submitted to the Lahontan Water Board. Receptor well monitoring at LBWC No. 5, TKWC No. 1, and TKWC No. 4 is conducted by the respective water purveyors under DDW Domestic Water Supply Permit requirements; the Performing Parties will incorporate purveyor-provided data into their technical reports but are not responsible for conducting receptor well sampling.

The Performing Parties will implement sentry well sampling in accordance with the sampling program and schedule specified in Off-Site RAP (OSRAP) Section 7.4.1. Field and analytical methods follow those described in the Sentry Well Groundwater Sampling and Analysis Plan (SAP; EKI, 2025), which is referenced as a supporting field-methods document.

The Performing Parties shall collect groundwater samples from groundwater monitoring wells identified in the Order and the work plans approved thereunder. The top of casing and adjacent ground surface for each monitoring well shall be surveyed for location and elevation in conformance with GeoTracker requirements. The groundwater surface elevation (in feet above mean sea level [MSL]) in all monitoring wells shall be measured and used to determine the gradient and direction of groundwater flow.

Sampling frequency is differentiated based on detection history:

Sentry Wells:

The proposed sentry well sampling includes two events per year at wells with a history of PCE detections or at wells serving as leading indicators for impacted receptor wells:

- LBWC5-SW-1 (76–79 feet bgs; PCE detections documented);
- LBWC5-SW-2 (149–151 feet bgs; 160 µg/L PCE; leading indicator for LBWC No. 5);
- LBWC1-SW-3 (164–166 feet bgs; 0.66 µg/L PCE at LBWC No. 1 lower screen interval;
- TKWC1-SW-1 (116–118 feet bgs; 130–150 µg/L PCE);
- TKWC1-SW-2 (158-160); non-detect)
- TKWC2-SW-1 (146–148 feet bgs; 50 µg/L PCE)
- TKWC2-SW-2 (176–178 feet bgs; 48 µg/L PCE)

The proposed sentry well sampling includes one event per year at wells with a consistent non-detect history:

- LBWC1SW-1 (106–109 feet bgs; non-detect)
- LBWC1-SW-2 (142–144 feet bgs; non-detect)

Each sampling event shall include PCE and daughter products (TCE, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride) by EPA Method 8260B with a reporting limit of 0.5 µg/L, field parameters (pH, specific conductance, temperature, dissolved oxygen, ORP), and water levels. If low flow sampling methods are utilized, field parameters shall include turbidity.

The following shall constitute the monitoring program for groundwater.

Monitoring Parameters and Methods

Constituent	**EPA Method**
Volatile Organic Compounds (full scan)	EPA 8260B
Temperature	Field*
pH	Field*
Electrical Conductivity	Field*
Dissolved Oxygen	Field*
Oxidation-Reduction Potential (ORP)	Field*
Turbidity	Field*

* Field parameters shall be measured using appropriately calibrated instrumentation.

The Performing Parties shall also collect groundwater samples from private and small community water supply wells in accordance with the WICP approved under the Order. Sampling of these active water supply wells shall be conducted in accordance with the sampling frequency set forth in the approved WICP.

Monitoring Schedule and Reporting

Sentry well samples will be collected during the first (January–March) and third (July–September) calendar quarters of each year. The results of each sampling event, with supporting data evaluation, will be reported to the Lahontan Water Board in the semi-annual technical report due June 15 (first-semi-annual event) and December 15 (second-semi-annual event), respectively (OSRAP Section 7.4.2).

Regulatory Reporting

The Performing Parties will submit updates in quarterly technical reports to the Lahontan Water Board. The technical reports will be submitted in accordance with the due dates specified in the Monitoring and Reporting Program to the SCAO. Each technical report will include the sampling results of sentry wells, municipal water supply wells, and private and small community water supply wells, as applicable, and provide the status of wellhead treatment systems and remediation systems, if any, in operation. Technical reports will include the following:

- Sentry well and private and small community water supply well analytical results with QA/QC summary and chain of custody documentation;
- Receptor well PCE data from the preceding period as provided by LBWC and TKWC under their DDW permit monitoring programs;
- Water level data and sentry well vertical concentration gradient evaluation, with particular attention to the TKWC1-SW-1/SW-2 contrast as the primary vertical isolation indicator for TKWC No. 1 and the TKWC No. 4 upper screen depth;
- TKWC No. 1 wellhead PCE running annual average and the updated trend projection of the potential MCL-exceedance date (OSRAP Section 8.2);
- LBWC No. 5 treated volume, runtime, influent and effluent PCE, and cumulative PCE mass removed, reported against the treated-volume performance criterion (Section 7.5); cumulative mass removed is reported as a verification parameter only;
- GeoTracker upload of analytical data in EDF format within 60 days of validated results;
- Concise data evaluations and tabular data summaries for all data reported; transmittal of analytical results, water-level data, or treatment-system performance data with supporting evaluation and discussion;
- Any notification of treatment-system failure or extended outage at LBWC No. 5, and the subsequent actions taken (OSRAP Section 6.2.2.3.1.1);

- Discussion and evaluation of performance monitoring and compliance (Section 7.5), including a description of any annual adjustment of the 59-year Remedy Implementation Period (OSRAP Section 7.5.2); and
- Discussion of any emergency response actions taken during the reporting period (OSRAP Section 8.3).

Technical reports will include contour maps showing groundwater elevations, groundwater flow direction(s), and concentrations of contaminants of concern. Field monitoring well sampling sheets and well maintenance logs completed for each well sampled will be appended to the technical report.

Five-Year Reviews

Beginning five years after initiation of the Remedy Implementation Period and at five-year intervals thereafter during the 59 years (or as adjusted) shall prepare and submit a Five-Year Review Report. Each report shall present an evaluation of the remedy, including: 1) is the remedy functioning as intended by the decision documents? (2) are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of remedy selection still valid in light of current screening levels, guidance, and land use? and (3) has any other information come to light that could call into question the protectiveness of the remedy? The report shall conclude with a protectiveness statement, and the next scheduled review date. The Five-Year Review Report shall be submitted to GeoTracker in accordance with applicable electronic reporting requirements. Reports will be signed and submitted by an appropriately experienced California Registered Professional Engineer and/or Geologist.

Remediation System(s) Performance Monitoring

Reports on remediation systems shall contain the following information, if applicable, regarding the site remediation systems:

Maps showing location of all remediation wells and groundwater monitoring wells, if applicable;

Status of each remediation system including amount of time operating and down time for maintenance and/or repair;

Air sparge well operating records including status of each well and volume and pressure of air being injected;

Soil vapor extraction well records including status of each well and photoionization detector (PID) readings of other acceptable methods of determining relative volatile concentrations taken at a minimum quarterly. Readings of volatile concentrations drawn from SVE wells need to be taken at a frequency that allows the efficient operation and evaluation of the SVE system;

In-Situ well operating records, including injection volume and pressure, of the amendment being introduced;

The report shall include documentation and manifest forms of waste generated during operation of the remedial system;

The report shall include copies of all required valid permits to construct and operate the remedial systems;

The report shall include tables summarizing the operating and performance parameters for the remediation systems; and

System inspection sheets shall document field activities conducted during each Site visit and shall be included in quarterly monitoring reports.

Monitoring Frequencies

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted or parameters and locations removed or added by the Executive Officer if Site conditions indicate that the changes are necessary.

Reporting Requirements

The Performing Parties shall report all monitoring data and information as specified herein. Reports that do not comply with the required format will be REJECTED and the Performing Parties shall be deemed to be in noncompliance with the Order.

Quarterly groundwater monitoring reports shall be submitted to the Lahontan Water Board according to the schedule below.

Monitoring Period	**Report Due**
January – March	June 15
April – June	September 15
July – September	December 15
October – December	March 15

Groundwater monitoring reports shall include contour maps showing groundwater elevations at the Site, the groundwater flow direction(s), and concentrations of the contaminants of concern. The quarterly groundwater monitoring reports shall include tables summarizing the historical depth-to-water, groundwater elevations, and historical analytical results for each monitoring well and active water supply well. The results of any monitoring done more frequently that required at the locations specified in the Monitoring and Reporting Program shall be reported to the Lahontan Water Board. Field

monitoring well sampling sheets and well maintenance logs shall be completed for each monitoring well sampled and included in the report.

Quarterly remediation progress reports shall be submitted to the Lahontan Water Board according to the schedule below.

Monitoring Period	**Report Due**
January – March	June 15
April – June	September 15
July – September	December 15
October – December	March 15

Remediation progress reports shall include an estimate of the cumulative mass of contaminant removed from the subsurface, system operating time, the effectiveness of the remediation system, any field notes pertaining to the operation and maintenance of the system (and remediation wells) and, if applicable, the reasons for and duration of all interruptions in the operation of any remediation system and actions planned or taken to correct and prevent interruptions.

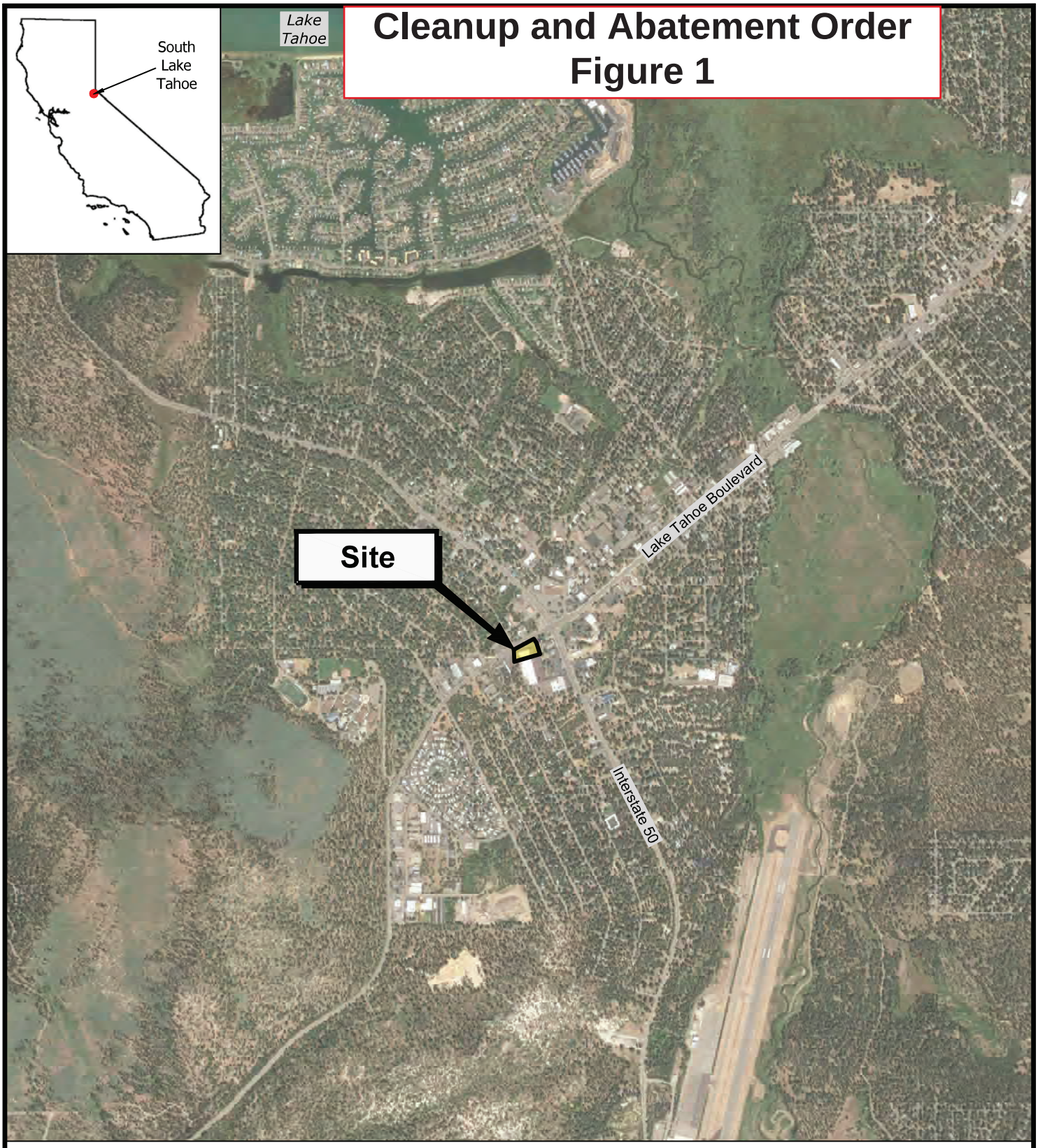
In reporting the monitoring data, the Performing Parties shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements. All data shall be submitted in electronic form in a form acceptable to the Lahontan Water Board.

FIGURES

FIGURE 1: SITE LOCATION, THIRD QUARTER 2021 MONITORING REPORT (PES, 2021)

PES. 15 December 2021. Third Quarter 2021 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.

Cleanup and Abatement Order
Figure 1



PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

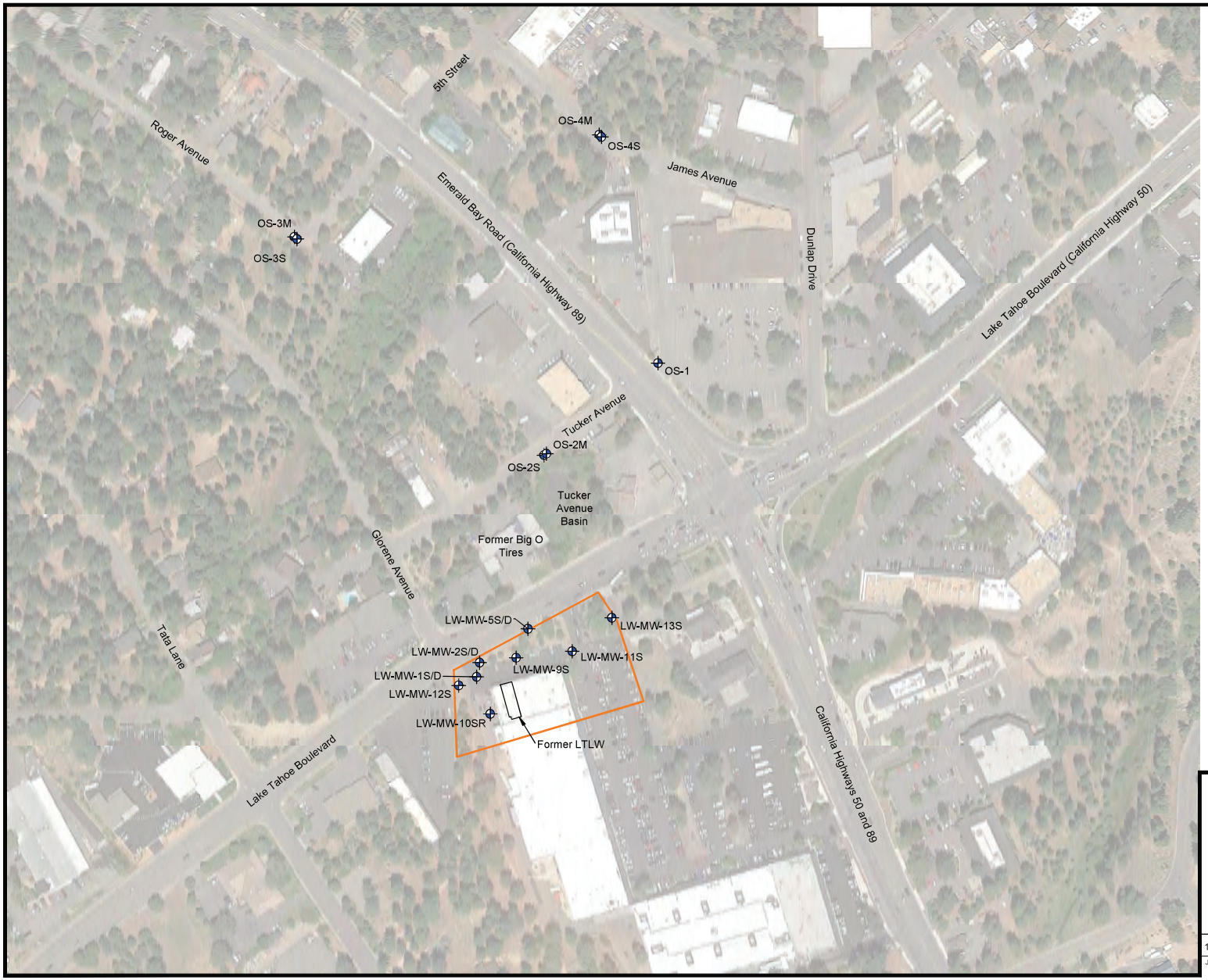
Site Location
Quarterly Monitoring Report
Former Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
1

1021.001.04.036	102100104036_21Q3_1	KSF	12/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

FIGURE 2: SITE PLAN AND VICINITY, THIRD QUARTER 2021 MONITORING REPORT (PES, 2021)

PES. 15 December 2021. Third Quarter 2021 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.



Explanation

Lake Tahoe Laundry Works (LTLW) Site

OS-1 Groundwater Monitoring Well

N

0 100

SCALE IN FEET

Aerial Photo: June 07, 2018 (Google 2019)
All locations are approximate

PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

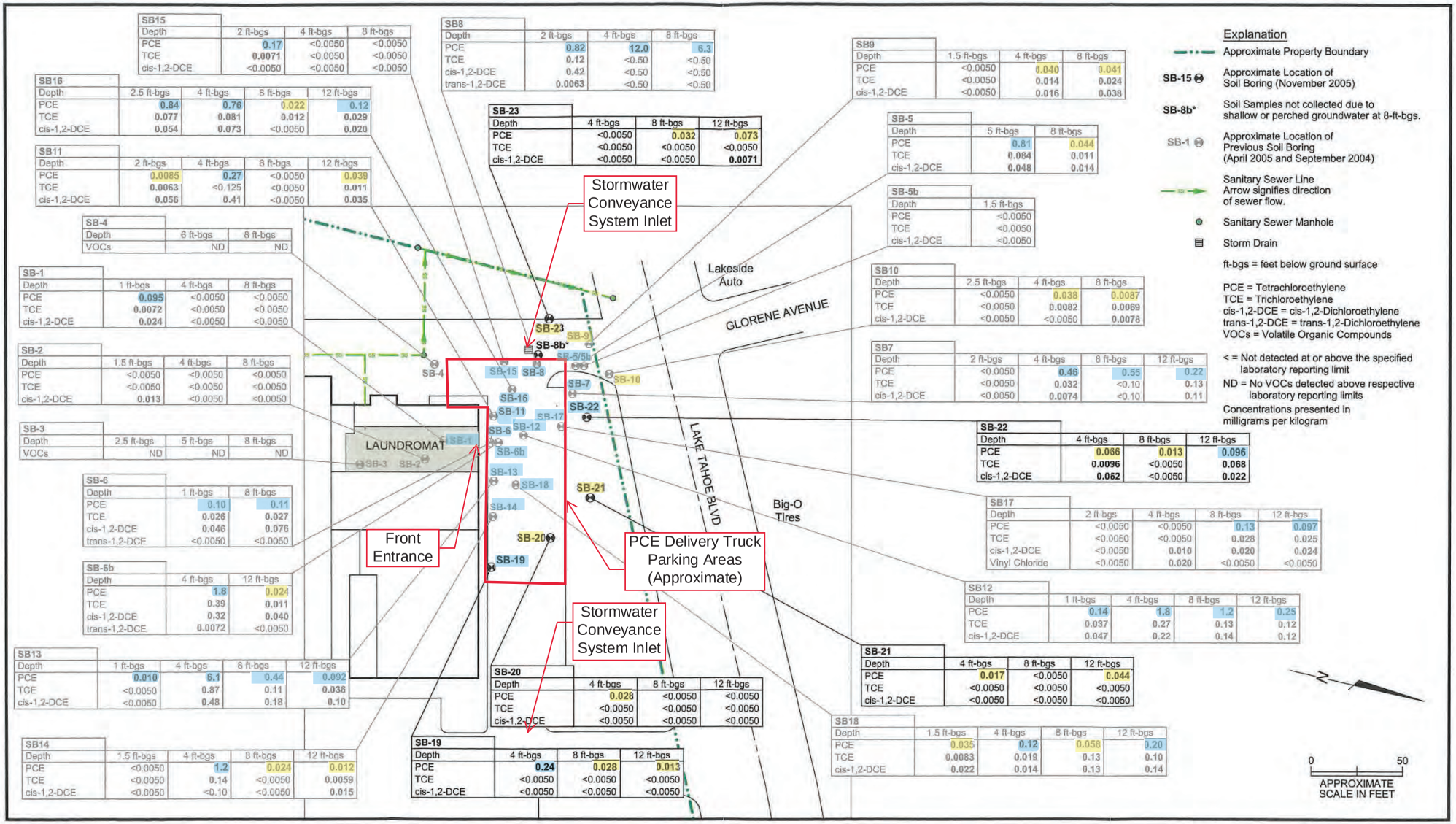
Site Plan and Vicinity
Quarterly Monitoring Report
Former Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 2

1021.001.04.036	102100104036_21Q3_2	KSF	12/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

FIGURE 3: ANNOTATED SOIL SAMPLING LOCATIONS, ADDITIONAL SOIL INVESTIGATION RESULTS (PES, 2006)

PES. 31 January 2006. Additional Soil Investigation Results, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California, RWQCB SLIC Case No. T6S043.



PES Environmental, Inc.
Engineering & Environmental Services

Lahontan Water Board Annotation Notes:
1) Boring locations and PCE soil sample results highlighted in blue indicate PCE concentration in soil exceeded leaching to groundwater ESL of 0.08 mg/kg.
2) Boring locations and PCE soil sample results highlighted in yellow indicate PCE was detected above the reporting limit and below the leaching to groundwater ESL of 0.08 mg/kg.
3) The Site's front entrance, suspected PCE delivery truck parking area, and approximate stormwater conveyance system drop inlet locations are specifically denoted.

Soil Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

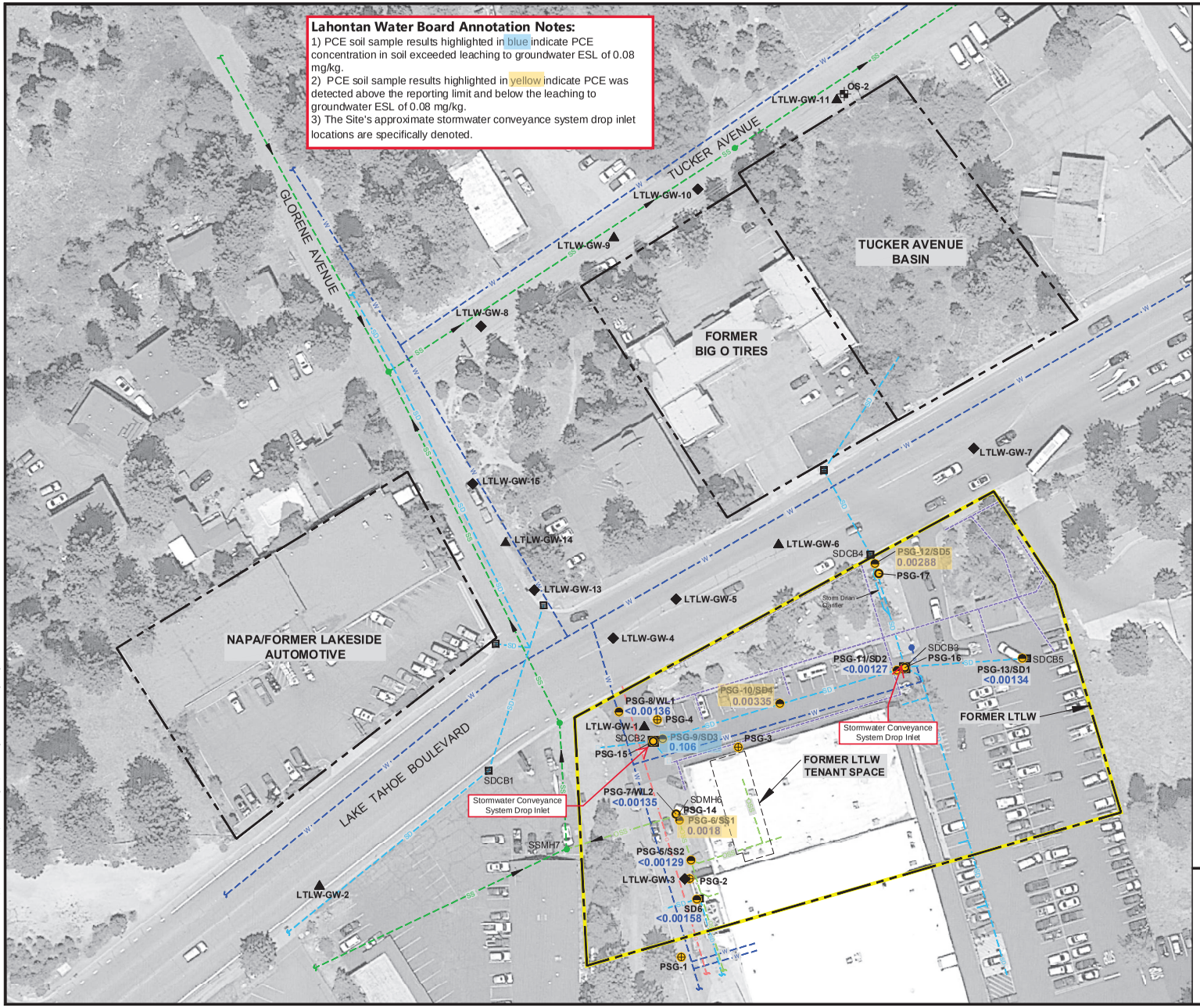
PLATE 4

1021.001.01.007	102100101007_1105	KSF	1/06
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

AR001180

FIGURE 4: ANNOTATED PCE IN ON-SITE FILL SURROUNDING SUBSURFACE STORM DRAIN AND SANITARY SEWER PIPES, INVESTIGATION SUMMARY (PES, 2019B)

EKI. 1 April 2019b. Investigation Summary Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.



Legend:

- Approximate Property Boundaries
- PSG-10/SD5 — Stage 1 Utility Trench Vapor/Soil Boring
- PSG-4 — Stage 1 Background Soil Vapor (Outside of Utility Trench)
- PSG-14 — Stage 1 Sewer/Storm Drain Vapor
- LTLW-GW-9 — CPT and GGW Sample (June 2017 to Present)
- LTLW-GW-3 — GGW Sample (June 2017 to Present)
- OS-2 — Monitoring Well Pair (June 2017 to Present)
- 0.00335 — Concentration of PCE in Utility Backfill Soil in Milligrams Per Kilogram (mg/kg)
- <0.00136 — PCE Not Detected at or Above the Indicated Reporting Limit
- SS — STPUD Sewer Main and Manhole
- OSS — On-Site Sewer Line
- W — Water Line and Fire Hydrant
- G — Natural Gas Line
- SD — Subsurface Stormwater System
- SVE Remediation System Trench
- SDCB5 — Identifier for Sanitary Sewer Manholes (SSMH) and Storm Drain Catch Basins (SDCB)

Abbreviations:

CPT	= cone penetration test
GGW	= grab groundwater
LTLW	= Lake Tahoe Laundry Works
PCE	= tetrachloroethene
STPUD	= South Tahoe Public Utility District
SVE	= soil vapor extraction

Notes:

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 7 June 2018.

N

0 70 140

(Scale in Feet)

PCE in On-Site Fill Surrounding Subsurface Storm Drain and Sanitary Sewer Pipes

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
April 2019
EKI A70020.11

eki environment & water

Figure 5-1

20190315,08023584 G:\A70020.11\Report Dwgs_NewFigure 3-3.dwg Figure 3-3

FIGURE 5: ANNOTATED 4Q25 SOIL VAPOR ANALYTICAL DATA – VOCS, RECENTAND HISTORIC MAXIMUM PCE CONCENTRATIONS DETECTED, FOURTH QUARTER 2025 MONITORING REPORT (WEST, 2026, ANNONTATED BY LAHONTAN WATER BOARD STAFF)

West. 13 April 2026. Fourth Quarter 2025 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.

Cleanup and Abatement Order
Figure 5

Lahontan Water Board Staff Annotation Notes:

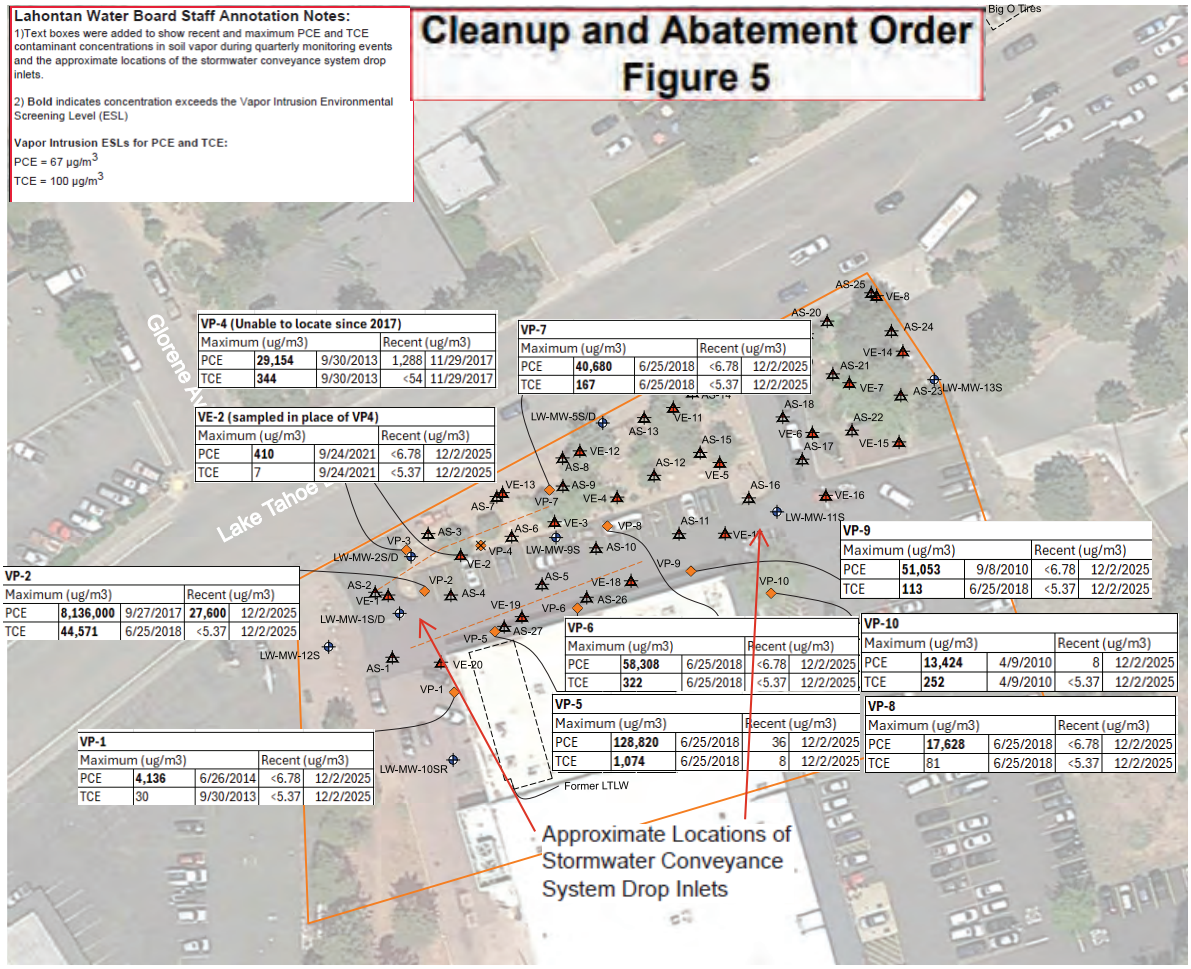
1)Text boxes were added to show recent and maximum PCE and TCE contaminant concentrations in soil vapor during quarterly monitoring events and the approximate locations of the stormwater conveyance system drop inlets.

2) **Bold** indicates concentration exceeds the Vapor Intrusion Environmental Screening Level (ESL)

Vapor Intrusion ESLs for PCE and TCE:

PCE = 67 µg/m^3

TCE = 100 µg/m^3



VP-4 (Unable to locate since 2017)				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**29,154**	9/30/2013	1,288	11/29/2017
TCE	**344**	9/30/2013	<54	11/29/2017

VE-2 (sampled in place of VP4)				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**410**	9/24/2021	<6.78	12/2/2025
TCE	7	9/24/2021	<5.37	12/2/2025

VP-7				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**40,680**	6/25/2018	<6.78	12/2/2025
TCE	**167**	6/25/2018	<5.37	12/2/2025

VP-2				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**8,136,000**	9/27/2017	**27,600**	12/2/2025
TCE	**44,571**	6/25/2018	<5.37	12/2/2025

VP-9				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**51,053**	9/8/2010	<6.78	12/2/2025
TCE	**113**	6/25/2018	<5.37	12/2/2025

VP-6				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**58,308**	6/25/2018	<6.78	12/2/2025
TCE	**322**	6/25/2018	<5.37	12/2/2025

VP-10				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**13,424**	4/9/2010	8	12/2/2025
TCE	**252**	4/9/2010	<5.37	12/2/2025

VP-5				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**128,820**	6/25/2018	36	12/2/2025
TCE	**1,074**	6/25/2018	8	12/2/2025

VP-8				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**17,628**	6/25/2018	<6.78	12/2/2025
TCE	81	6/25/2018	<5.37	12/2/2025

VP-1				
Maximum (ug/m3)			Recent (ug/m3)	
PCE	**4,136**	6/26/2014	<6.78	12/2/2025
TCE	30	9/30/2013	<5.37	12/2/2025

Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S: Groundwater Monitoring Well
- VP-10: Soil Gas Probe Location
- VE-1: Soil Vapor Extraction (SVE) Well Location
- AS-27: Air Sparge Well Location
- Horizontal SVE Well Locations
- VP-4: Lost Soil Gas Probe Location

VP-5		
12/2/25		
PCE	TCE	c12DCE
36.0	8.22	5.39
37.5	7.09	4.92

Soil Gas Vapor Probe Sample ID
Sample Date
Parameter Analyzed
Concentration (µg/m^3)
Duplicate Sample Concentration (µg/m^3)

PCE: Tetrachloroethene
TCE: Trichloroethene
c12-DCE: cis-1,2-Dichloroethene
t12-DCE trans-1,2-Dichloroethene
µg/m^3: Micrograms per Cubic Meter
VE-2 Sampled in Lieu of Lost VP-4 Soil Gas Probe

N

0 50

SCALE IN FEET

Basemap Source: Nv5, 2024
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

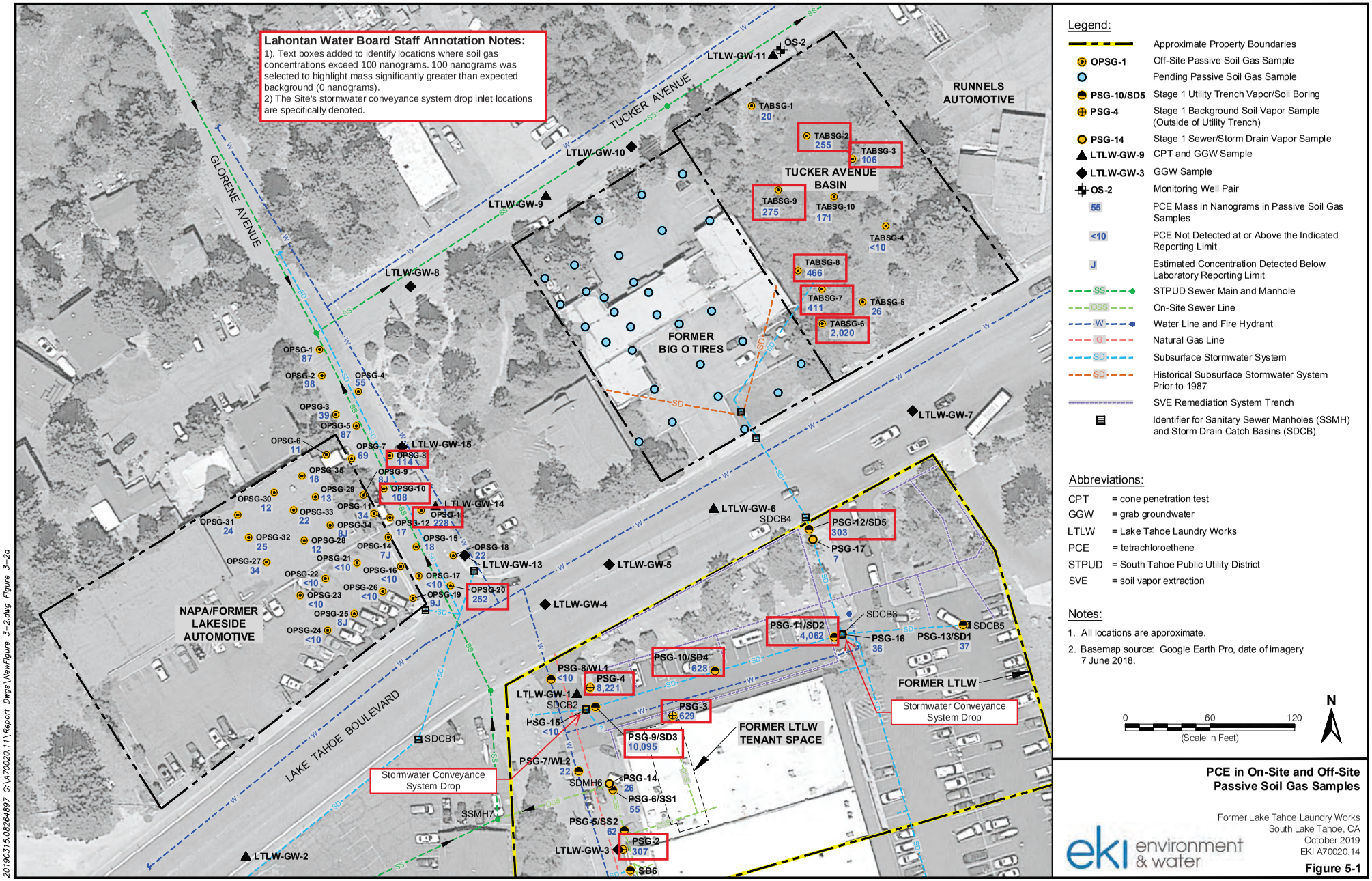
4Q25 SOIL VAPOR ANALYTICAL DATA - VOCS

1024 South Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-1 | April 2026

FIGURE 6: ANNOTATED PCE IN ON-SITE AND OFF-SITE PASSIVE SOIL GAS SAMPLES, INVESTIGATION SUMMARY REPORT (PES, 2019D)

EKI. 4 October 2019d. Investigation Summary Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.



PCE in On-Site and Off-Site Passive Soil Gas Samples

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
October 2019
EKI A70020.14

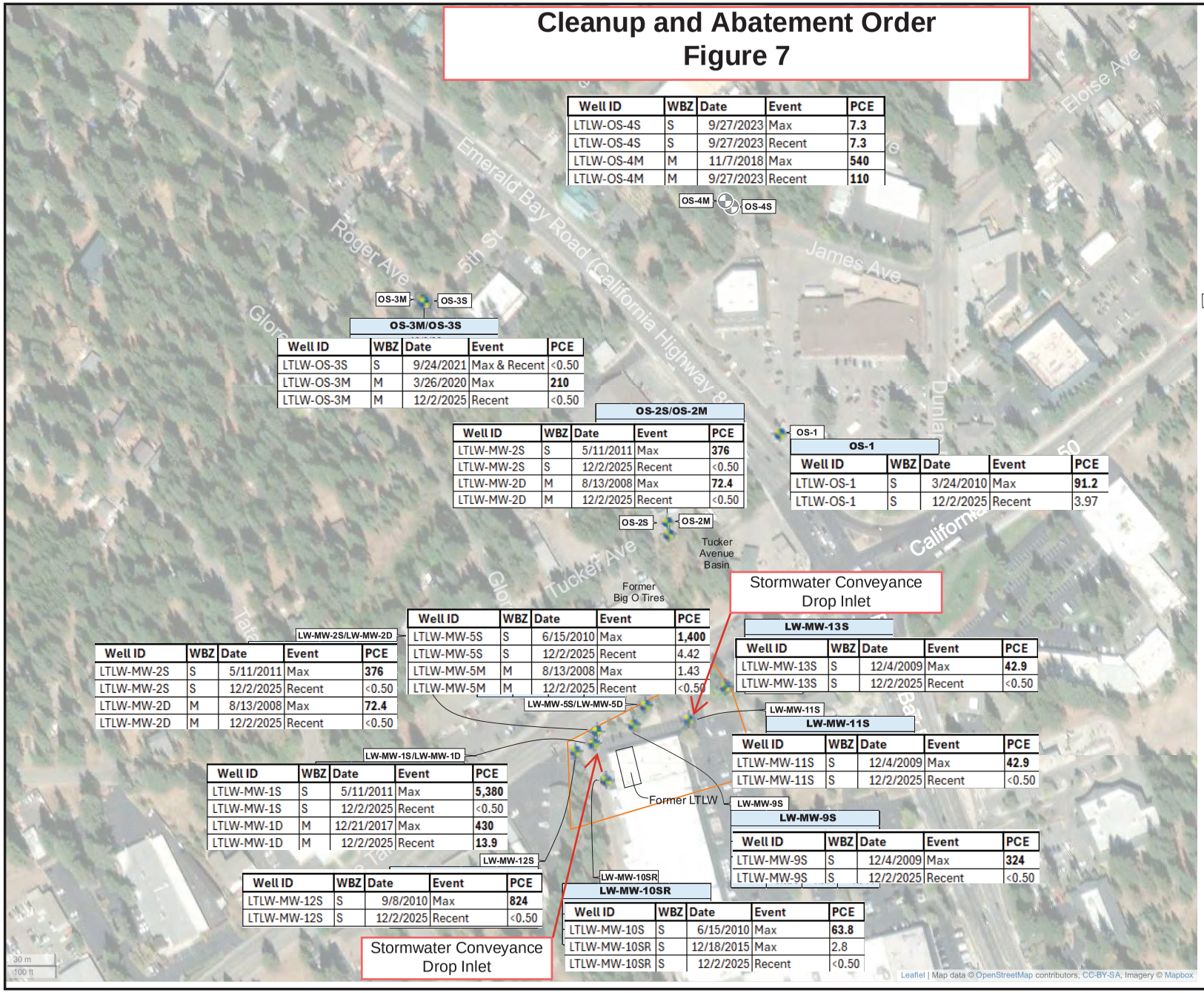
Figure 5-1

20190315.08264897 G:\A70020.11\Report Dwgs\ViewFigure 3-2.dwg Figure 3-2a

FIGURE 7: ANNOTATED SUMMARY OF GROUNDWATER ANALYTICAL DATA 4Q25 – VOCS, RECENT AND HISTORIC MAXIMUM PCE CONCENTRATIONS DETECTED, FOURTH QUARTER 2025 MONITORING REPORT (WEST, 2026, ANNOTATED BY LAHONTAN WATER BOARD STAFF)

PES. 15 December 2021. Third Quarter 2021 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.

Cleanup and Abatement Order
Figure 7



Well ID	WBZ	Date	Event	PCE
LTLW-OS-4S	S	9/27/2023	Max	**7.3**
LTLW-OS-4S	S	9/27/2023	Recent	**7.3**
LTLW-OS-4M	M	11/7/2018	Max	**540**
LTLW-OS-4M	M	9/27/2023	Recent	**110**

OS-3M/OS-3S

Well ID	WBZ	Date	Event	PCE
LTLW-OS-3S	S	9/24/2021	Max & Recent	<0.50
LTLW-OS-3M	M	3/26/2020	Max	**210**
LTLW-OS-3M	M	12/2/2025	Recent	<0.50

OS-2S/OS-2M

Well ID	WBZ	Date	Event	PCE
LTLW-MW-2S	S	5/11/2011	Max	**376**
LTLW-MW-2S	S	12/2/2025	Recent	<0.50
LTLW-MW-2D	M	8/13/2008	Max	**72.4**
LTLW-MW-2D	M	12/2/2025	Recent	<0.50

OS-1

Well ID	WBZ	Date	Event	PCE
LTLW-OS-1	S	3/24/2010	Max	**91.2**
LTLW-OS-1	S	12/2/2025	Recent	3.97

LW-MW-2S/LW-MW-2D

Well ID	WBZ	Date	Event	PCE
LTLW-MW-2S	S	5/11/2011	Max	**376**
LTLW-MW-2S	S	12/2/2025	Recent	<0.50
LTLW-MW-2D	M	8/13/2008	Max	**72.4**
LTLW-MW-2D	M	12/2/2025	Recent	<0.50

Well ID	WBZ	Date	Event	PCE
LTLW-MW-5S	S	6/15/2010	Max	**1,400**
LTLW-MW-5S	S	12/2/2025	Recent	4.42
LTLW-MW-5M	M	8/13/2008	Max	1.43
LTLW-MW-5M	M	12/2/2025	Recent	<0.50

LW-MW-13S

Well ID	WBZ	Date	Event	PCE
LTLW-MW-13S	S	12/4/2009	Max	**42.9**
LTLW-MW-13S	S	12/2/2025	Recent	<0.50

LW-MW-11S

Well ID	WBZ	Date	Event	PCE
LTLW-MW-11S	S	12/4/2009	Max	**42.9**
LTLW-MW-11S	S	12/2/2025	Recent	<0.50

LW-MW-1S/LW-MW-1D

Well ID	WBZ	Date	Event	PCE
LTLW-MW-1S	S	5/11/2011	Max	**5,380**
LTLW-MW-1S	S	12/2/2025	Recent	<0.50
LTLW-MW-1D	M	12/21/2017	Max	**430**
LTLW-MW-1D	M	12/2/2025	Recent	**13.9**

LW-MW-9S

Well ID	WBZ	Date	Event	PCE
LTLW-MW-9S	S	12/4/2009	Max	**324**
LTLW-MW-9S	S	12/2/2025	Recent	<0.50

LW-MW-12S

Well ID	WBZ	Date	Event	PCE
LTLW-MW-12S	S	9/8/2010	Max	**824**
LTLW-MW-12S	S	12/2/2025	Recent	<0.50

LW-MW-10SR

Well ID	WBZ	Date	Event	PCE
LTLW-MW-10S	S	6/15/2010	Max	**63.8**
LTLW-MW-10SR	S	12/18/2015	Max	2.8
LTLW-MW-10SR	S	12/2/2025	Recent	<0.50

N
W E
S

Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

LW-MW-1S/LW-MW-1D — Groundwater Monitoring Well and ID

OS-2S/OS-2M			
12/2&3/25			
WBZ	PCE	TCE	*c-DCE*
S	*<0.500*	*<0.500*	*<0.500*
M	**132**	**5.49**	**27.9**
	204	**8.35**	**16.2**

Groundwater Sample ID
Sample Date
Parameter Analyzed
Concentration (µg/L)
Concentration (µg/L)
Concentration (µg/L)

1.55 Bold - Detected Concentration

<0.500 Concentration Below Laboratory-Reporting Limit

WBZ: Water Bearing Zone
S: Shallow
M: Middle
PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
µg/L: Micrograms per liter

Lahontan Water Board Annotation Notes

1) Text boxes were added to show recent and maximum concentrations of PCE in groundwater during quarterly monitoring events and approximate location of stormwater conveyance system drop inlets.

2) **Bold** indicates concentration exceeds MCL

WEST Environmental Services & Technology

SUMMARY OF GROUNDWATER ANALYTICAL DATA 4Q25 - VOCS

1024 South Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-3 | April 2026

FIGURE 8: DISSOLVED PCE IN GROUNDWATER PLUME MAP, REGIONAL PLUME CHARACTERIZATION SUMMARY REPORT: SOUTH “Y” PCE PLUME 2019-2020 FIELD SEASON (AECOM, 2022)

AECOM. 10 June 2022. Regional Plume Characterization Summary Report: South “Y” PCE Plume 2019-2020 Field Season.

Cleanup and Abatement Order
Figure 8

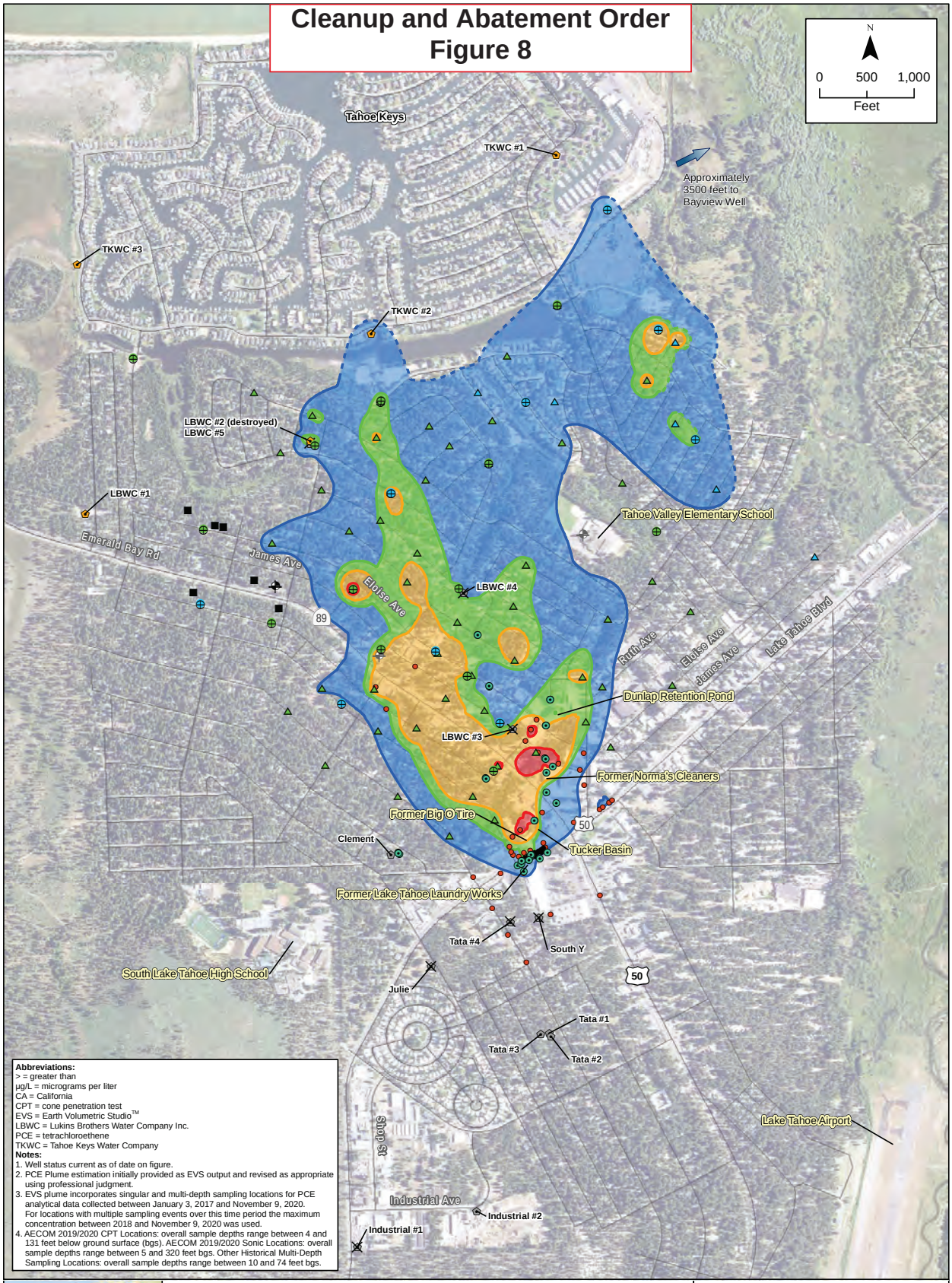


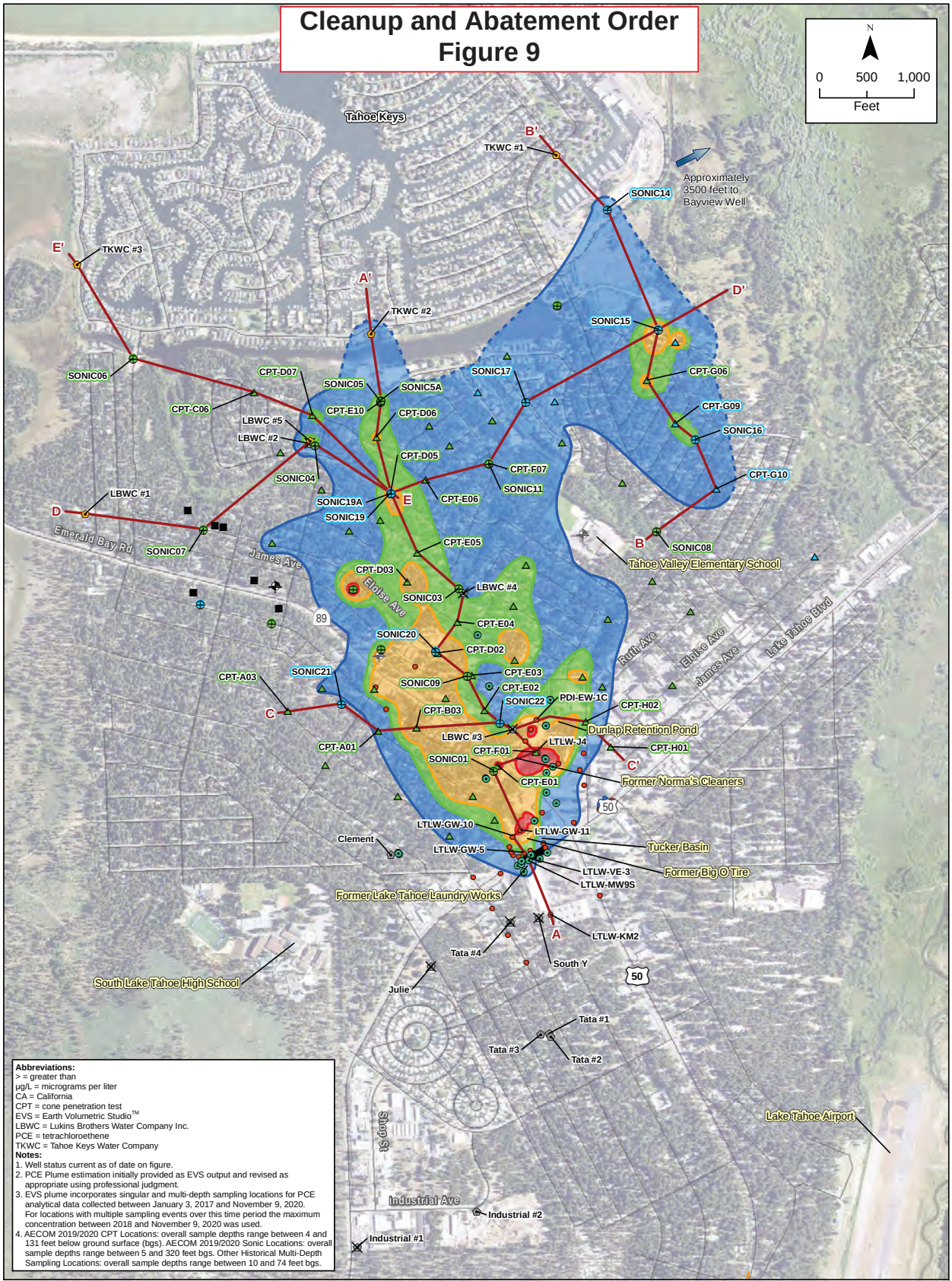
Figure 5
Dissolved PCE in Groundwater Plume Map

South "Y" PCE Plume
South Lake Tahoe, CA

FIGURE 9: CROSS SECTION MAP, DRAFT REGIONAL PLUME CHARACTERIZATION SUMMARY REPORT: SOUTH “Y” PCE PLUME 2019-2020 FIELD SEASON (AECOM, 2022)

AECOM. 10 June 2022. Regional Plume Characterization Summary Report: South “Y” PCE Plume 2019-2020 Field Season.

Cleanup and Abatement Order
Figure 9



Abbreviations:
> = greater than
µg/L = micrograms per liter
CA = California
CPT = cone penetration test
EVS = Earth Volumetric Studio™
LBWC = Lukins Brothers Water Company Inc.
PCE = tetrachloroethene
TKWC = Tahoe Keys Water Company

Notes:
1. Well status current as of date on figure.
2. PCE Plume estimation initially provided as EVS output and revised as appropriate using professional judgment.
3. EVS plume incorporates singular and multi-depth sampling locations for PCE analytical data collected between January 3, 2017 and November 9, 2020. For locations with multiple sampling events over this time period the maximum concentration between 2018 and November 9, 2020 was used.
4. AECOM 2019/2020 CPT Locations: overall sample depths range between 4 and 131 feet below ground surface (bgs). AECOM 2019/2020 Sonic Locations: overall sample depths range between 5 and 320 feet bgs. Other Historical Multi-Depth Sampling Locations: overall sample depths range between 10 and 74 feet bgs.

Location Type
- AECOM 2019 CPT Location
- AECOM 2019 Sonic Location
- AECOM 2020 CPT Location
- AECOM 2020 Sonic Location
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Monitoring Well Location
- Historical Single-Depth Sampling Location
- Historical Multi-Depth Sampling Location
- Active Private Supply Well
- Active Small Community Well
- Inactive Small Community Well
- Cross Section Location (shown on Figures 6 through 10)

PCE Concentration Contours (dashed where inferred)
- 5 - 50 µg/L
- 50 - 100 µg/L
- 100 - 500 µg/L
- >500 µg/L

Figure 7
Cross Section Map

South "Y" PCE Plume
South Lake Tahoe, CA

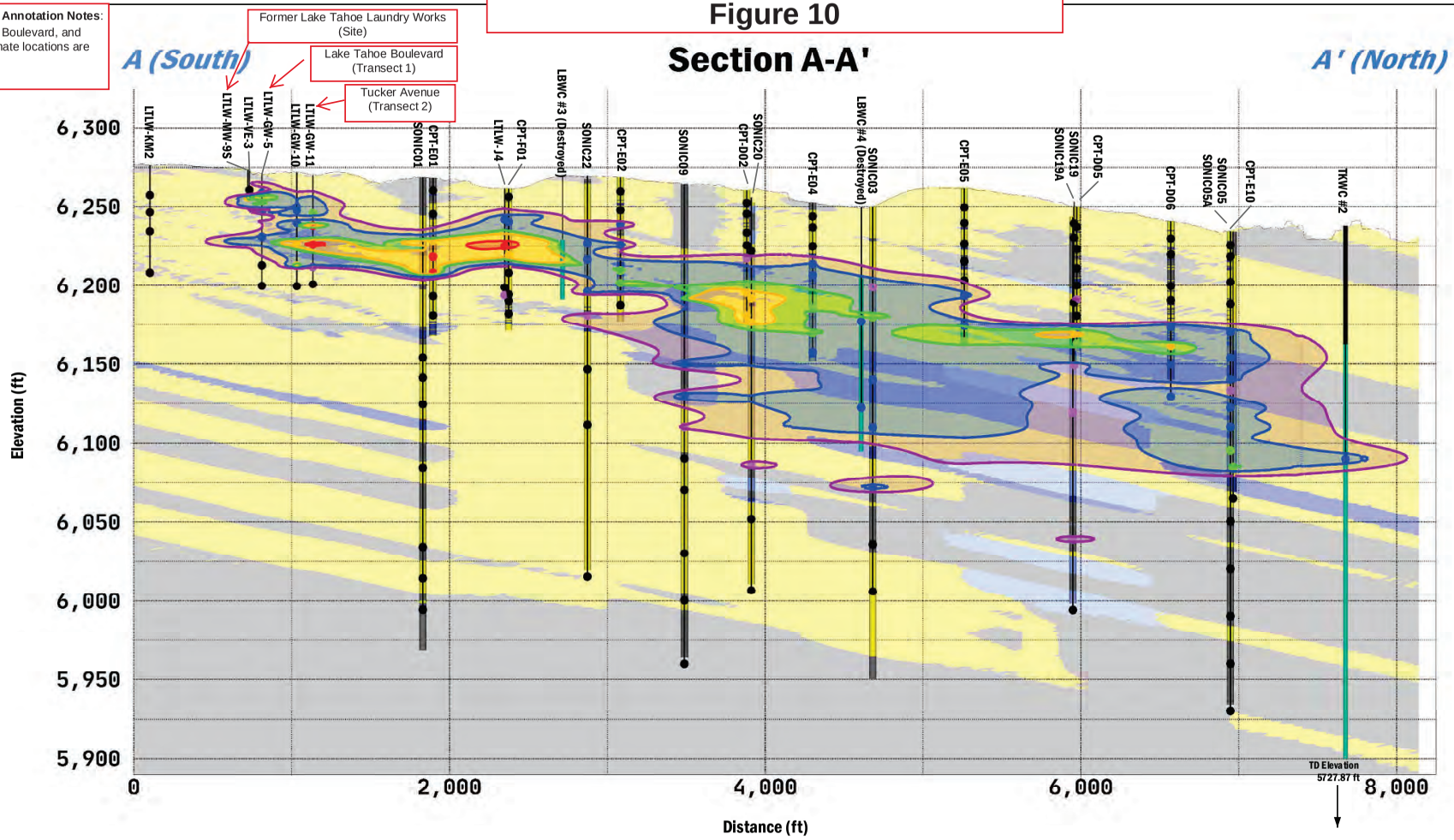
\\na.aecomnet.com\PSAMER\Sacramento-US\SCR\CAD\SIS\SIS\Projects\60609191_South_Lake_Tahoe_PCE\02_Maps\02_Report_Maps\Regional_Plume_Characterization_Summary_Reporting\7_Cross_Section_Map.mxd 6/8/2022 mike.snyder SAC

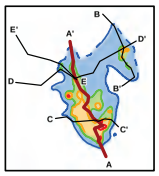
FIGURE 10: ANNOTATED CROSS SECTION A-A', REGIONAL PLUME CHARACTERIZATION SUMMARY REPORT: SOUTH "Y" PCE PLUME 2019-2020 FIELD SEASON (AECOM 2022, ANNOTATED BY LAHONTAN WATER BOARD STAFF)

AECOM. 10 June 2022. Regional Plume Characterization Summary Report: South "Y" PCE Plume 2019-2020 Field Season.

Cleanup and Abatement Order
Figure 10

Lahontan Water Board Annotation Notes:
1) The Site, Lake Tahoe Boulevard, and Tucker Avenue approximate locations are specifically denoted.





Gravel
Sand
Silty and Clayey Sand and Gravel
Interbedded Sand and Clay
Silt and Clay

Annular Seal
Filter Pack

PCE Sample Concentration Range (µg/L)
- <0.5
- 0.5-<5
- 5-<50
- 50-<100
- 100-<500
- >=500

PCE Concentration Contour Value (µg/L)
- 0.5
- 5
- 50
- 100
- 500

Abbreviations:
< = less than
> = greater than
µg/L = micrograms per liter
CA = California
CPT = cone penetration test
EVS = Earth Volumetric Studio™
ft = feet
LBWC = Lukins Brothers Water Company Inc.
PCE = tetrachloroethene
TD = total depth
TKWC = Tahoe Keys Water Company

Notes:
1. The vertical exaggeration is 10x
2. All elevations are in feet, NAVD 88 (North American Vertical Datum, 1988)
3. Lithologic interpretation and contouring developed using EVS.

Figure 8
Cross Section A-A'

South "Y" PCE Plume
South Lake Tahoe, CA

C:\Users\brown\6OneDrive - AECOM Directory\SLT\2021_Plume_Maps\Site_Characterization_Report\Figure 6 Cross Section A.ai MSB 4/30/2021 SAC

AECOM

FIGURE 11: DISSOLVED PCE IN SHALLOW GROUNDWATER (0 TO 25-FOOT BGS) PLUME MAP, REGIONAL PLUME CHARACTERIZATION SUMMARY REPORT: SOUTH “Y” PCE PLUME 2019-2020 FIELD SEASON (AECOM, 2022)

AECOM. 10 June 2022. Regional Plume Characterization Summary Report: South “Y” PCE Plume 2019-2020 Field Season.

Cleanup and Abatement Order
Figure 11

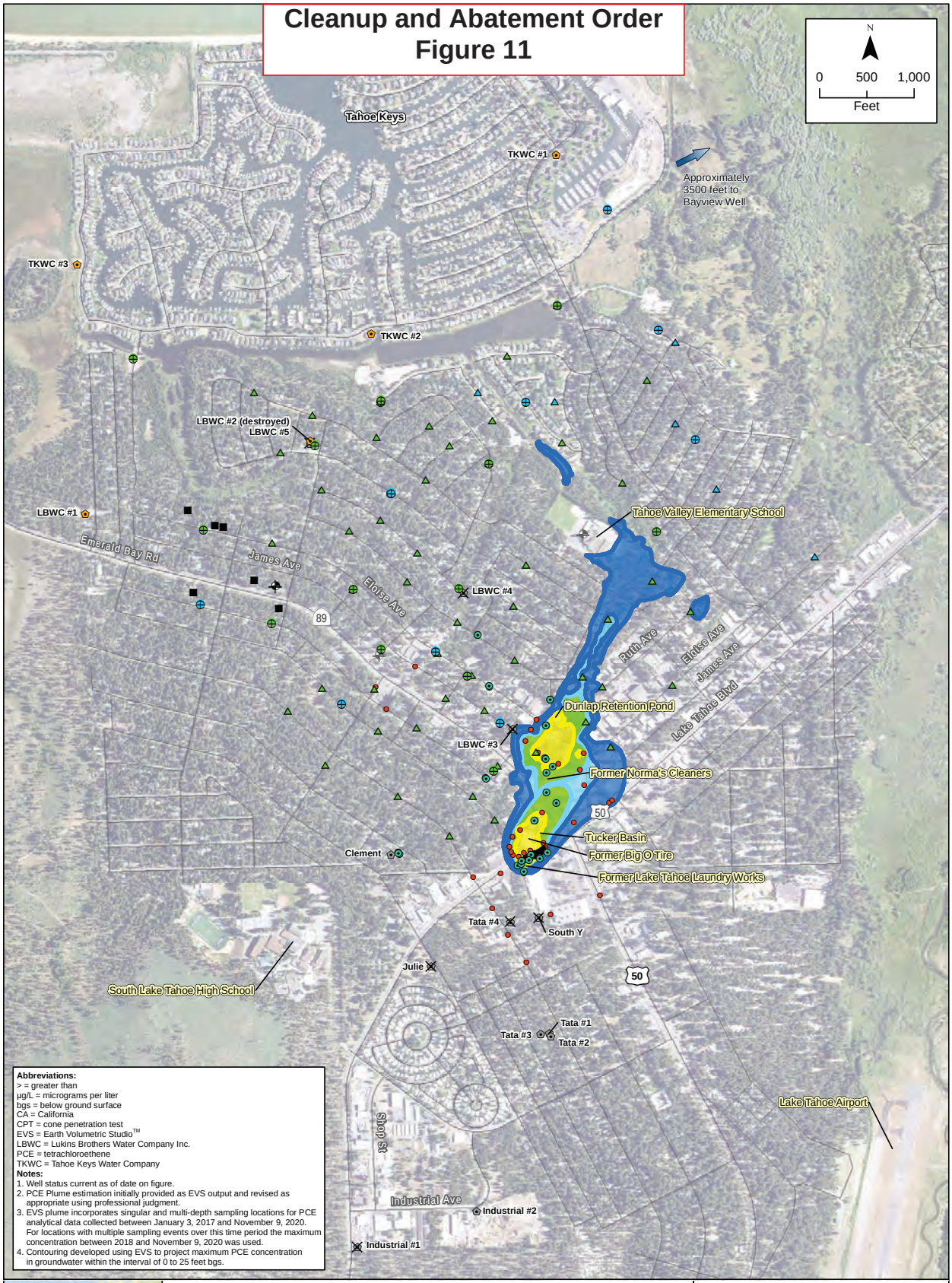
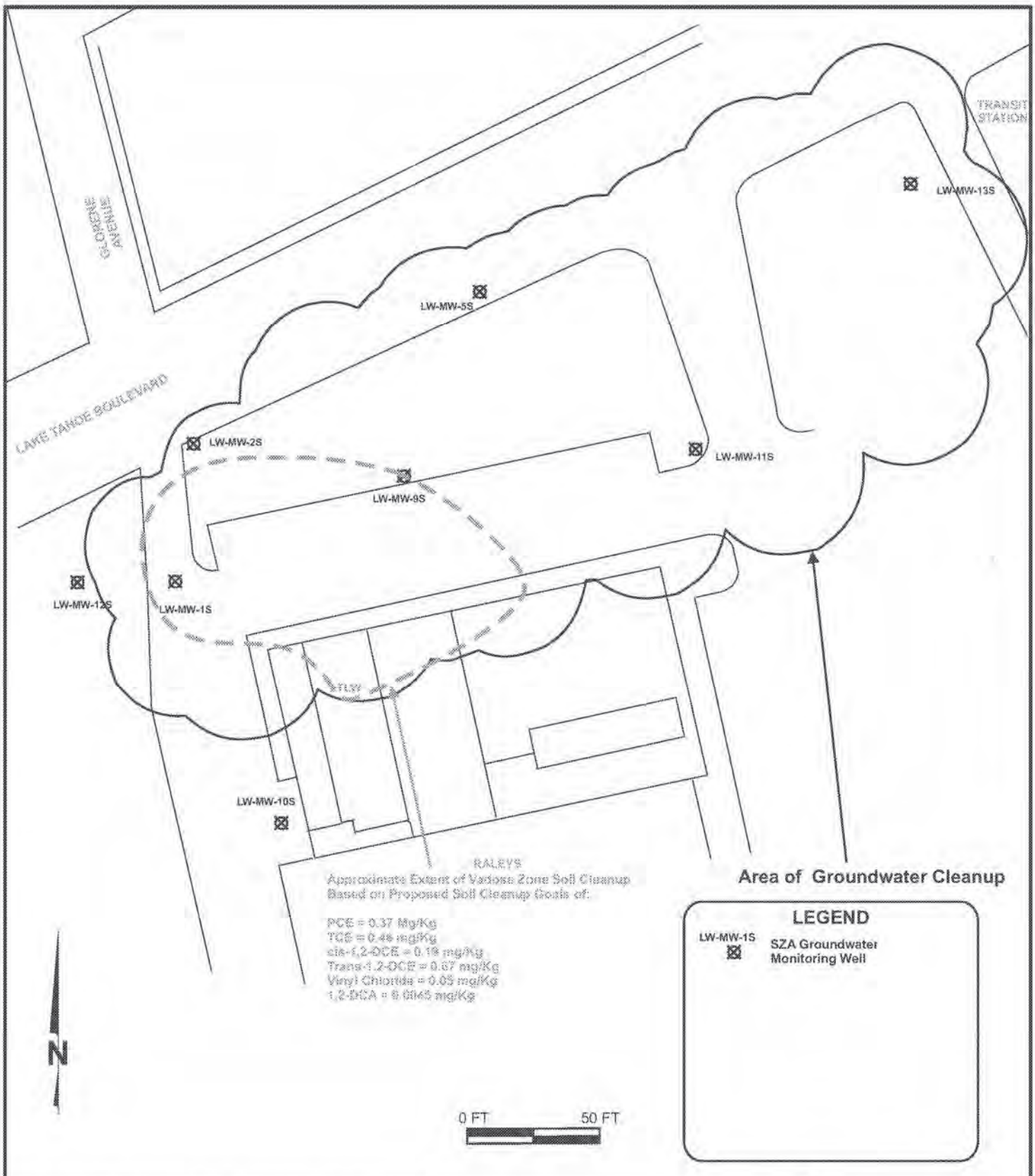


Figure 6
Dissolved PCE in Shallow Groundwater (0 to 25-foot bgs) Plume Map

South "Y" PCE Plume
South Lake Tahoe, CA

FIGURE 12: REMEDIATION AREA, INTERIM REMEDIAL SYSTEM INSTALLATION/PILOT TESTING REPORT OF FINDINGS AND DRAFT REMEDIAL ACTION PLAN FOR VADOSE ZONE SOIL AND SHALLOW GROUNDWATER CLEANUP (E2C, 2010)

E2C. 12 August 2010. Interim Remedial System Installation/Pilot Testing Report of Findings and Draft Remedial Action Plan for Vadose Zone Soil and Shallow Groundwater Cleanup, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.



E₂C Remediation
5300 Woodmere Dr., Suite 105
Bakersfield, CA 93313

Phone: (661) 831-6906
Fax: (661) 831-6234

LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

REMEDIATION AREA

FIGURE

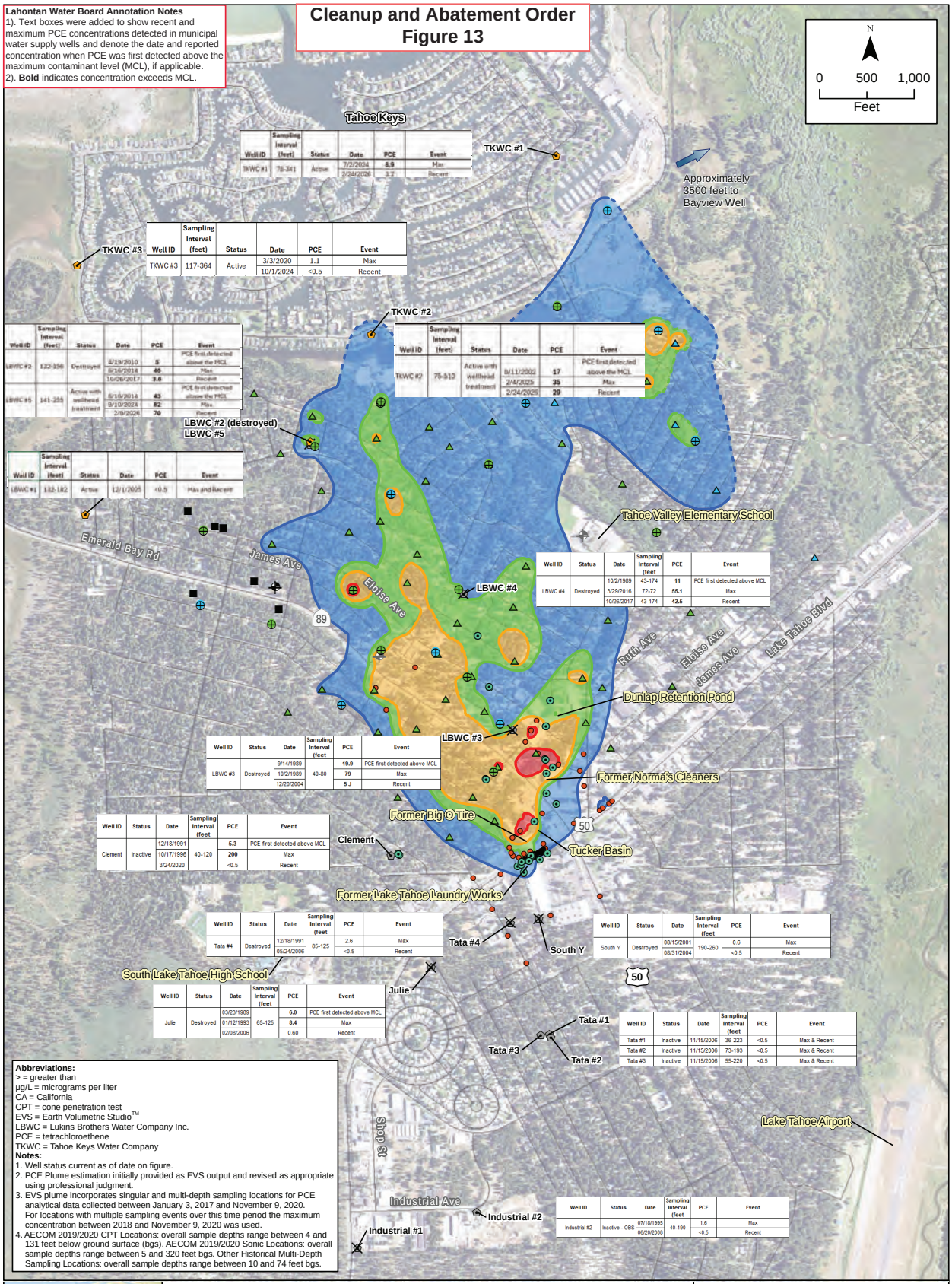
4

FIGURE 13: ANNOTATED DISSOLVED PCE IN GROUNDWATER PLUME MAP WITH RECENT AND MAXIMUM PCE CONCENTRATIONS IN MUNICIPAL SUPPLY WELLS, REGIONAL PLUME CHARACTERIZATION SUMMARY REPORT: SOUTH "Y" PCE PLUME 2019-2020 FIELD SEASON (AECOM, 2022, ANNOTATED BY LAHONTAN WATER BOARD STAFF)

AECOM. 10 June 2022. Regional Plume Characterization Summary Report: South "Y" PCE Plume 2019-2020 Field Season.

Lahontan Water Board Annotation Notes
1). Text boxes were added to show recent and maximum PCE concentrations detected in municipal water supply wells and denote the date and reported concentration when PCE was first detected above the maximum contaminant level (MCL), if applicable.
2). **Bold** indicates concentration exceeds MCL.

Cleanup and Abatement Order
Figure 13



Well ID	Sampling Interval (feet)	Status	Date	PCE	Event
TKWC #1	78-341	Active	7/2/2024	8.9	Max
			2/24/2026	3.7	Recent

Well ID	Sampling Interval (feet)	Status	Date	PCE	Event
TKWC #3	117-364	Active	3/3/2020	1.1	Max
			10/1/2024	<0.5	Recent

Well ID	Sampling Interval (feet)	Status	Date	PCE	Event
LBWC #2	132-156	Destroyed	4/19/2010	5	PCE first detected above the MCL
			6/16/2014	46	Max
			10/26/2017	3.6	Recent
LBWC #5	141-235	Active with wellhead treatment	6/16/2014	43	PCE first detected above the MCL
			8/10/2024	82	Max
			2/9/2026	70	Recent

Well ID	Sampling Interval (feet)	Status	Date	PCE	Event
TKWC #2	75-510	Active with wellhead treatment	8/11/2002	17	PCE first detected above the MCL
			2/4/2025	35	Max
			2/24/2026	29	Recent

Well ID	Sampling Interval (feet)	Status	Date	PCE	Event
LBWC #1	132-182	Active	12/1/2025	<0.5	Max and Recent

Well ID	Status	Date	Sampling Interval (feet	PCE	Event
LBWC #4	Destroyed	10/2/1989	43-174	11	PCE first detected above MCL
		3/29/2016	72-72	55.1	Max
		10/26/2017	43-174	42.5	Recent

Well ID	Status	Date	Sampling Interval (feet)	PCE	Event
LBWC #3	Destroyed	9/14/1989	40-80	19.9	PCE first detected above MCL
		10/2/1989		79	Max
		12/20/2004		5 J	Recent

Well ID	Status	Date	Sampling Interval (feet	PCE	Event
Clement	Inactive	12/18/1991	40-120	5.3	PCE first detected above MCL
		10/17/1996		200	Max
		3/24/2020		<0.5	Recent

Well ID	Status	Date	Sampling Interval (feet)	PCE	Event
Tata #4	Destroyed	12/18/1991	85-125	2.6	Max
		05/24/2006		<0.5	Recent

Well ID	Status	Date	Sampling Interval (feet	PCE	Event
South Y	Destroyed	08/15/2001	190-260	0.6	Max
		08/31/2004		<0.5	Recent

Well ID	Status	Date	Sampling Interval (feet)	PCE	Event
Julie	Destroyed	03/23/1989	65-125	6.0	PCE first detected above MCL
		01/12/1993		8.4	Max
		02/08/2006		0.60	Recent

Well ID	Status	Date	Sampling Interval (feet	PCE	Event
Tata #1	Inactive	11/15/2006	36-223	<0.5	Max & Recent
Tata #2	Inactive	11/15/2006	73-193	<0.5	Max & Recent
Tata #3	Inactive	11/15/2006	55-220	<0.5	Max & Recent

Well ID	Status	Date	Sampling Interval (feet)	PCE	Event
Industrial #2	Inactive - OBS	07/18/1995	40-190	1.6	Max
		06/20/2006		<0.5	Recent

Abbreviations:
> = greater than
µg/L = micrograms per liter
CA = California
CPT = cone penetration test
EVS = Earth Volumetric Studio™
LBWC = Lukins Brothers Water Company Inc.
PCE = tetrachloroethene
TKWC = Tahoe Keys Water Company

Notes:
1. Well status current as of date on figure.
2. PCE Plume estimation initially provided as EVS output and revised as appropriate using professional judgment.
3. EVS plume incorporates singular and multi-depth sampling locations for PCE analytical data collected between January 3, 2017 and November 9, 2020. For locations with multiple sampling events over this time period the maximum concentration between 2018 and November 9, 2020 was used.
4. AECOM 2019/2020 CPT Locations: overall sample depths range between 4 and 131 feet below ground surface (bgs). AECOM 2019/2020 Sonic Locations: overall sample depths range between 5 and 320 feet bgs. Other Historical Multi-Depth Sampling Locations: overall sample depths range between 10 and 74 feet bgs.

Location Type
- AECOM 2019 CPT Location
- AECOM 2019 Sonic Location
- AECOM 2020 CPT Location
- AECOM 2020 Sonic Location
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Monitoring Well Location
- Historical Single-Depth Sampling Location
- Historical Multi-Depth Sampling Location
- Active Private Supply Well
- Active Small Community Well
- Inactive Small Community Well

PCE Concentration Contours (dashed where inferred)
- 5 - 50 µg/L
- 50 - 100 µg/L
- 100 - 500 µg/L
- >500 µg/L

Figure 5
Dissolved PCE in Groundwater Plume Map

South "Y" PCE Plume
South Lake Tahoe, CA

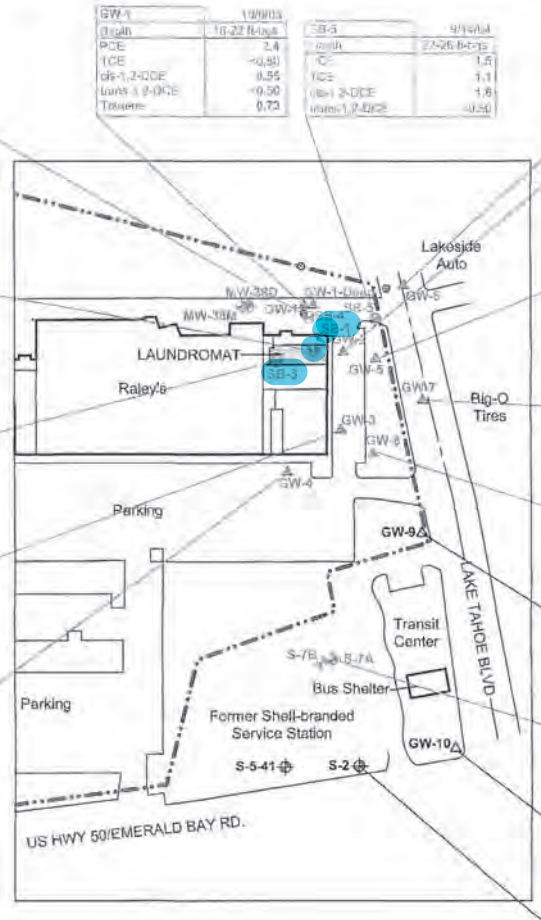
\\ena.aecomnet.com\SF\AMER\Documents-USSCH\CC\GIS\GIS\Projects\60539151_South_Lake_Tahoe_PCE\02_Report_Maps\Regional_Plume_Characterization_Summary_Report\Fig5_Dissolved_PCE_GW_Plume.mxd 6/6/2022 mike.snyder SAC

FIGURE 14: ANNOTATED ANALYTICAL RESULTS FROM SHALLOW WATER-BEARING ZONE, ADDITIONAL SITE INVESTIGATION RESULTS (PES, 2005)

PES. 27 May 2005. Additional Site Investigation Results, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.

AR002272

Lahontan Water Board Staff Annotation Note:
Two groundwater samples have been collected within the former dry cleaning tenant space. Both groundwater samples contained PCE concentrations above the MCL (SB-1, 6.7 ug/L PCE; SB-3, 8.3 ug/L PCE). The sample locations and PCE concentrations are highlighted in blue.



GW-1	10/9/03
Depth	16-22 ft-bgs
PCE	2.4
TCE	<0.50
cis-1,2-DCE	0.55
trans-1,2-DCE	<0.50
Toluene	0.73

SB-5	9/14/04
Depth	27-26 ft-bgs
PCE	1.5
TCE	1.1
cis-1,2-DCE	1.6
trans-1,2-DCE	<0.50

GW-4	9/15/04
Depth	16-20 ft-bgs
PCE	<0.50
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-2	10/9/03
Depth	20-24 ft-bgs
PCE	200
TCE	11
cis-1,2-DCE	8.6
trans-1,2-DCE	<1.0
Toluene	<1.0

GW-5	10/9/03
Depth	20-24 ft-bgs
PCE	500
TCE	1.2
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50
Toluene	<0.50

GW-7	9/15/04
Depth	14-18 ft-bgs
PCE	27
TCE	1.0
cis-1,2-DCE	1.6
trans-1,2-DCE	<0.50

GW-8	9/14/04
Depth	22-26 ft-bgs
PCE	240
TCE	32
cis-1,2-DCE	74
trans-1,2-DCE	1.3

GW-9	4/26/05
Depth	16-20 ft-bgs
PCE	1,000
TCE	42
cis-1,2-DCE	40

S-7A	9/11/04
PCE	<0.50
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-10	4/26/05
Depth	16-20 ft-bgs
PCE	20
TCE	1.6
cis-1,2-DCE	2.1

S-2	4/21/05
VOCs	ND

SB-1	9/15/04
Depth	23-27 ft-bgs
PCE	6.7
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

SB-3	9/15/04
Depth	23-27 ft-bgs
PCE	8.3
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-3	10/9/03
Depth	20-24 ft-bgs
PCE	490
TCE	44
cis-1,2-DCE	150
trans-1,2-DCE	2.8
Toluene	<2.8

GW-4	10/9/03
Depth	20-24 ft-bgs
PCE	[illegible]
TCE	[illegible]
cis-1,2-DCE	[illegible]
trans-1,2-DCE	[illegible]
Toluene	[illegible]

Explanation

- Approximate Property Boundary
- GW-9 △ Approximate Groundwater Sampling Location (April 2005)
- GW-1 △ Approximate Previous Groundwater Sampling Location (October 2003, September 2004)
- SB-1 Approximate Previous Soil and Groundwater Sampling Location (September 2004)
- S-2 Groundwater Monitoring Well sampled April 2005 (Former Shell Service Station)
- S-7B Previously Sampled Groundwater Monitoring Well (USA Gasoline and Former Shell Service Stations, sampled September 2004)
- Sanitary Sewer Manhole

ft-bgs = feet below ground surface

PCE = Tetrachloroethylene
TCE = Trichloroethylene
cis-1,2-DCE = cis-1,2-Dichloroethylene
trans-1,2-DCE = trans-1,2-Dichloroethylene
VOCs = Volatile Organic Compounds

< = Not detected at or above the specified laboratory reporting limit
ND = Not detected above the respective laboratory reporting limits
* Duplicate Result
Concentrations presented in micrograms per liter

0 150
APPROXIMATE SCALE IN FEET

PES Environmental, Inc.
Engineering & Environmental Services

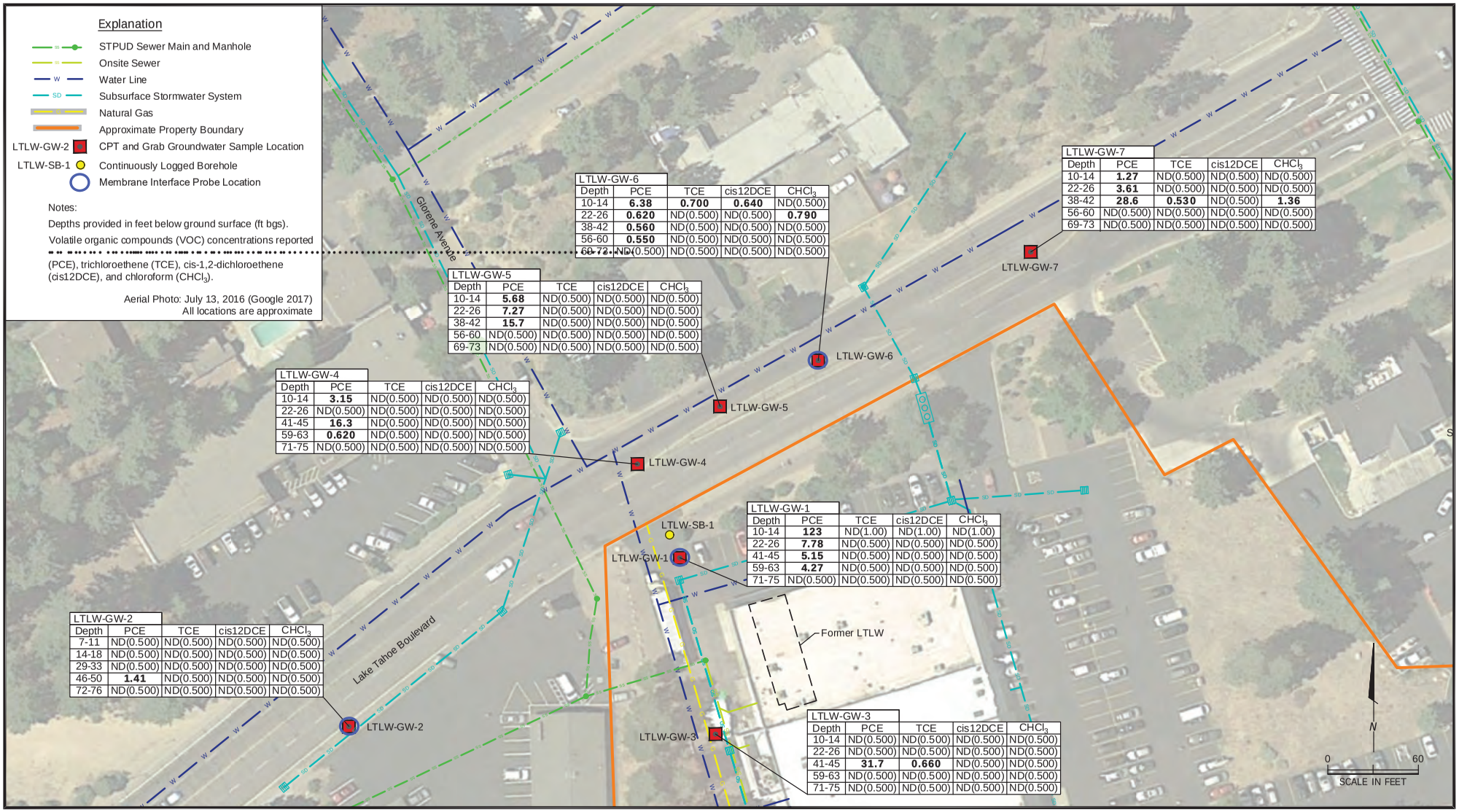
Analytical Results from Shallow Water-Bearing Zone
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 5

1021.001.01.003	1021001_0505.dwg	FAB	5/05
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

FIGURE 15: RESULTS OF PHASE I (TRANSECT 1) GROUNDWATER INVESTIGATION, GROUNDWATER INVESTIGATION PLANNING AND PROGRESS REPORT NO. 1 (EKI, 2018B)

EKI. 1 October 2018b. Groundwater Investigation Planning and Progress Report No. 1, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.



LTLW-GW-6

Depth	PCE	TCE	cis12DCE	$CHCl_3$
10-14	**6.38**	**0.700**	**0.640**	ND(0.500)
22-26	**0.620**	ND(0.500)	ND(0.500)	**0.790**
38-42	**0.560**	ND(0.500)	ND(0.500)	ND(0.500)
56-60	**0.550**	ND(0.500)	ND(0.500)	ND(0.500)
69-73	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

LTLW-GW-7

Depth	PCE	TCE	cis12DCE	$CHCl_3$
10-14	**1.27**	ND(0.500)	ND(0.500)	ND(0.500)
22-26	**3.61**	ND(0.500)	ND(0.500)	ND(0.500)
38-42	**28.6**	**0.530**	ND(0.500)	**1.36**
56-60	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
69-73	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

LTLW-GW-5

Depth	PCE	TCE	cis12DCE	$CHCl_3$
10-14	**5.68**	ND(0.500)	ND(0.500)	ND(0.500)
22-26	**7.27**	ND(0.500)	ND(0.500)	ND(0.500)
38-42	**15.7**	ND(0.500)	ND(0.500)	ND(0.500)
56-60	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
69-73	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

LTLW-GW-4

Depth	PCE	TCE	cis12DCE	$CHCl_3$
10-14	**3.15**	ND(0.500)	ND(0.500)	ND(0.500)
22-26	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
41-45	**16.3**	ND(0.500)	ND(0.500)	ND(0.500)
59-63	**0.620**	ND(0.500)	ND(0.500)	ND(0.500)
71-75	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

LTLW-GW-1

Depth	PCE	TCE	cis12DCE	$CHCl_3$
10-14	**123**	ND(1.00)	ND(1.00)	ND(1.00)
22-26	**7.78**	ND(0.500)	ND(0.500)	ND(0.500)
41-45	**5.15**	ND(0.500)	ND(0.500)	ND(0.500)
59-63	**4.27**	ND(0.500)	ND(0.500)	ND(0.500)
71-75	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

LTLW-GW-2

Depth	PCE	TCE	cis12DCE	$CHCl_3$
7-11	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
14-18	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
29-33	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
46-50	**1.41**	ND(0.500)	ND(0.500)	ND(0.500)
72-76	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

LTLW-GW-3

Depth	PCE	TCE	cis12DCE	$CHCl_3$
10-14	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
22-26	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
41-45	**31.7**	**0.660**	ND(0.500)	ND(0.500)
59-63	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
71-75	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)

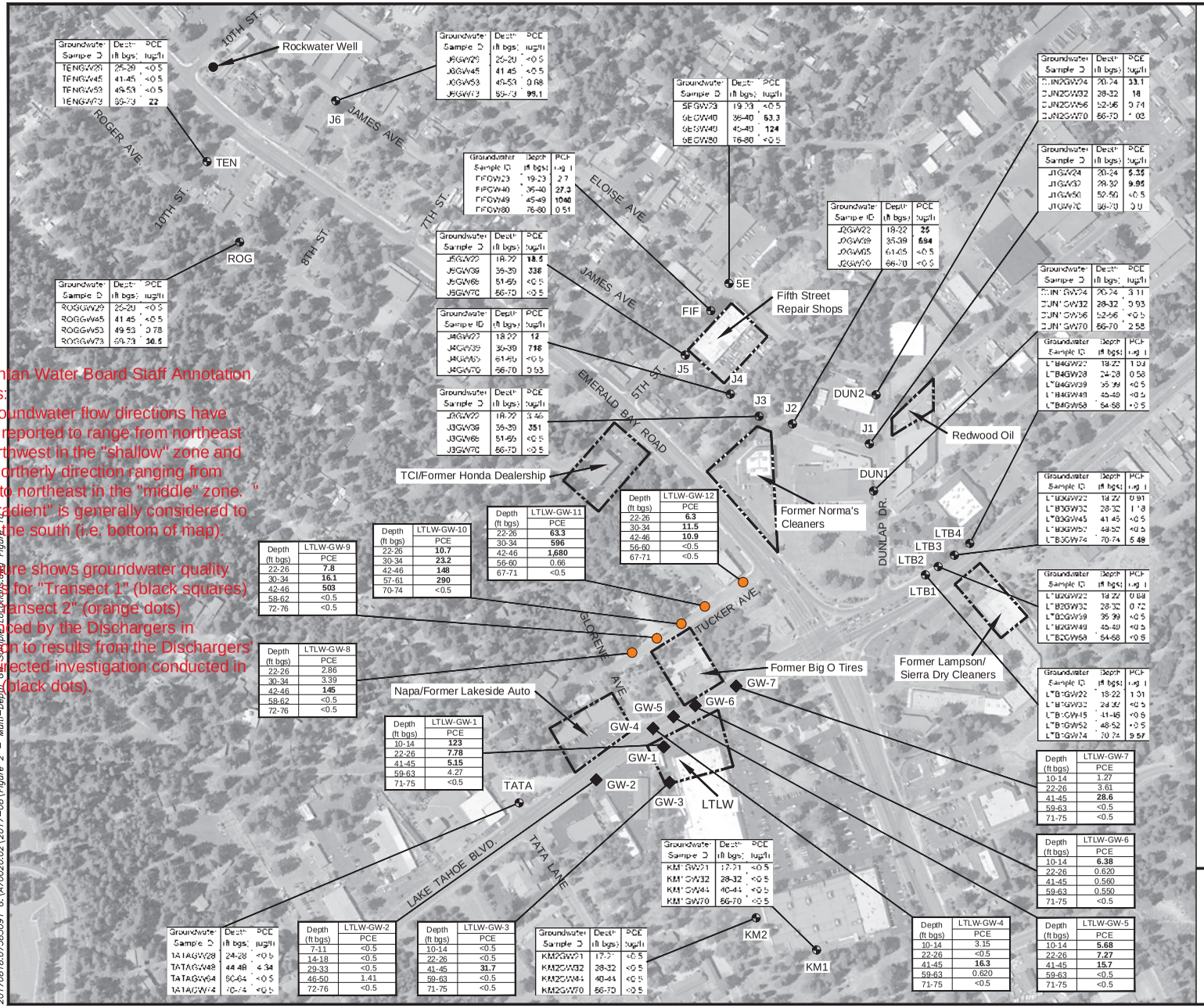
Results of Phase I (Transect 1) Groundwater Investigation
Data Transmittal Report
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
1

1021.001.04.003	102100104003_DTR_0,2-3	DRAFT	1/18
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

FIGURE 16: EKI AND PES MULTI-DEPTH GRAB GROUNDWATER SAMPLE LOCATIONS AND PCE RESULTS, GROUNDWATER INVESTIGATION PLANNING AND PROGRESS REPORT NO. 2 REVISED (EKI, 2018C)

EKI. 11 October 2018c. Groundwater Investigation Planning and Progress Report No. 2 REV, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.



Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
TENGW28	25-29	<0.5
TENGW45	41-45	<0.5
TENGW52	49-53	<0.5
TENGW73	69-73	22

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
ROGGW29	25-29	<0.5
ROGGW45	41-45	<0.5
ROGGW53	49-53	0.78
ROGGW73	69-73	30.6

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
J6GW29	25-29	<0.5
J6GW45	41-45	<0.5
J6GW53	49-53	0.68
J6GW73	69-73	99.1

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
FIFGW23	19-23	2.7
FIFGW40	36-40	27.3
FIFGW49	45-49	1040
FIFGW80	76-80	0.51

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
J5GW29	18-29	18.5
J5GW38	35-39	338
J5GW55	51-55	<0.5
J5GW70	66-70	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
J4GW23	18-22	12
J4GW39	36-39	718
J4GW55	51-55	<0.5
J4GW70	66-70	0.53

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
J3GW22	18-22	3.46
J3GW36	35-39	351
J3GW55	51-55	<0.5
J3GW70	66-70	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
5EGW28	19-33	<0.5
5EGW40	36-40	63.3
5EGW49	45-49	124
5EGW80	76-80	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
J2GW22	18-22	25
J2GW39	35-39	594
J2GW55	51-55	<0.5
J2GW70	66-70	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
DUN2GW24	20-24	33.1
DUN2GW32	28-32	18
DUN2GW56	52-56	0.74
DUN2GW70	66-70	1.03

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
J1GW24	20-24	5.32
J1GW32	28-32	9.95
J1GW56	52-56	<0.5
J1GW70	66-70	0.9

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
DUN1GW24	20-24	3.11
DUN1GW32	28-32	0.93
DUN1GW56	52-56	<0.5
DUN1GW70	66-70	2.58

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
LTB4GW22	18-22	1.04
LTB4GW28	24-28	0.58
LTB4GW39	35-39	<0.5
LTB4GW49	45-49	<0.5
LTB4GW58	54-58	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
LTB3GW22	18-22	0.91
LTB3GW32	28-32	1.18
LTB3GW45	41-45	<0.5
LTB3GW52	48-52	<0.5
LTB3GW74	70-74	5.49

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
LTB2GW22	18-22	0.68
LTB2GW32	28-32	0.72
LTB2GW39	35-39	<0.5
LTB2GW49	45-49	<0.5
LTB2GW58	54-58	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
LTB1GW22	18-22	1.01
LTB1GW32	28-32	<0.5
LTB1GW45	41-45	<0.5
LTB1GW52	48-52	<0.5
LTB1GW74	70-74	9.57

Depth (ft bgs)	LTLW-GW-12 PCE
22-26	6.3
30-34	11.5
42-46	10.9
56-60	<0.5
67-71	<0.5

Depth (ft bgs)	LTLW-GW-11 PCE
22-26	63.3
30-34	596
42-46	1,680
56-60	0.66
67-71	<0.5

Depth (ft bgs)	LTLW-GW-10 PCE
22-26	10.7
30-34	23.2
42-46	148
57-61	290
70-74	<0.5

Depth (ft bgs)	LTLW-GW-9 PCE
22-26	7.8
30-34	16.1
42-46	503
58-62	<0.5
72-76	<0.5

Depth (ft bgs)	LTLW-GW-8 PCE
22-26	2.86
30-34	3.39
42-46	145
58-62	<0.5
72-76	<0.5

Depth (ft bgs)	LTLW-GW-1 PCE
10-14	123
22-26	7.78
41-45	5.15
59-63	4.27
71-75	<0.5

Depth (ft bgs)	LTLW-GW-7 PCE
10-14	1.27
22-26	3.61
41-45	28.6
59-63	<0.5
71-75	<0.5

Depth (ft bgs)	LTLW-GW-6 PCE
10-14	6.38
22-26	0.620
41-45	0.560
59-63	0.550
71-75	<0.5

Depth (ft bgs)	LTLW-GW-5 PCE
10-14	5.68
22-26	7.27
41-45	15.7
59-63	<0.5
71-75	<0.5

Depth (ft bgs)	LTLW-GW-4 PCE
10-14	3.15
22-26	<0.5
41-45	16.3
59-63	0.620
71-75	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
KM1GW21	17-21	<0.5
KM1GW32	28-32	<0.5
KM1GW44	40-44	<0.5
KM1GW70	66-70	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
KM2GW21	17-21	<0.5
KM2GW32	28-32	<0.5
KM2GW44	40-44	<0.5
KM2GW70	66-70	<0.5

Groundwater Sample ID	Depth (ft bgs)	PCE (ug/l)
TATAGW28	24-28	<0.5
TATAGW48	44-48	6.34
TATAGW64	60-64	<0.5
TATAGW74	70-74	<0.5

Depth (ft bgs)	LTLW-GW-2 PCE
7-11	<0.5
14-18	<0.5
29-33	<0.5
46-50	1.41
72-76	<0.5

Depth (ft bgs)	LTLW-GW-3 PCE
10-14	<0.5
22-26	<0.5
41-45	31.7
59-63	<0.5
71-75	<0.5

Lahontan Water Board Staff Annotation Notes:
1) Groundwater flow directions have been reported to range from northeast to northwest in the "shallow" zone and in a northerly direction ranging from west to northeast in the "middle" zone. " Up-gradient" is generally considered to be to the south (i.e. bottom of map).

2) Figure shows groundwater quality results for "Transect 1" (black squares) and Transect 2" (orange dots) advanced by the Dischargers in addition to results from the Dischargers' self directed investigation conducted in 2017 (black dots).

Legend:

- EKI Approximate Multi-Depth Grab Groundwater Sample Location (June/July 2017)
- PES Approximate Multi-Depth Grab Groundwater Sample Location (January 2018)
- EKI Approximate Multi-Depth Grab Groundwater Sample Location (October 2018)

Abbreviations:

ft bgs = feet below ground surface
LTLW = Lake Tahoe Laundry Works
MCL = maximum contaminant level
ug/l = micrograms per liter
PCE = tetrachloroethene/perchloroethylene

Notes:

1. All locations are approximate.
2. Bold value in data box indicates that measured PCE concentration in sample exceeds current California MCL.
3. Basemap source: Google Earth Pro, date of imagery 13 July 2016.

N

0 320 640
(Scale in Feet)

EKI and PES Multi-Depth Grab Groundwater Sample Locations and PCE Results

South Y Area
South Lake Tahoe, CA
October 2018
EKI A70020.06

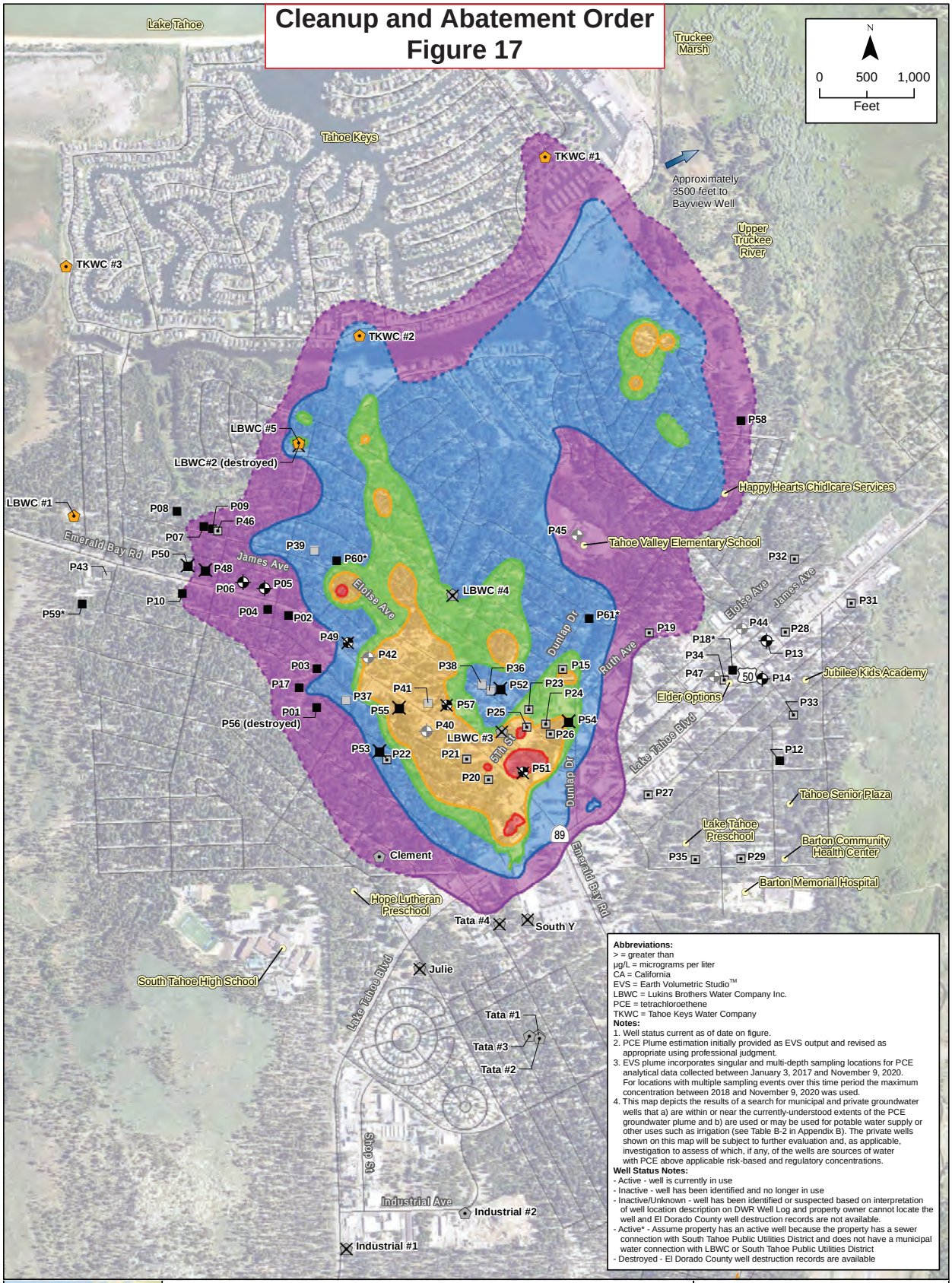
Figure 2

20170818.07585091 G:\A70020.02\2017-08\Figure 2 - Multi-Depth Grab Sample Locations.jpg Figure 1/1

FIGURE 17 RECEPTOR INVENTORY, REGIONAL PLUME CHARACTERIZATION SUMMARY REPORT: SOUTH “Y” PCE PLUME 2019-2020 FIELD SEASON (AECOM, 2022)

AECOM. 10 June 2022. Regional Plume Characterization Summary Report: South “Y” PCE Plume 2019-2020 Field Season.

Cleanup and Abatement Order
Figure 17



Abbreviations:
> = greater than
µg/L = micrograms per liter
CA = California
EVS = Earth Volumetric Studio™
LBWC = Lukins Brothers Water Company Inc.
PCE = tetrachloroethene
TKWC = Tahoe Keys Water Company

Notes:
1. Well status current as of date on figure.
2. PCE Plume estimation initially provided as EVS output and revised as appropriate using professional judgment.
3. EVS plume incorporates singular and multi-depth sampling locations for PCE analytical data collected between January 3, 2017 and November 9, 2020. For locations with multiple sampling events over this time period the maximum concentration between 2018 and November 9, 2020 was used.
4. This map depicts the results of a search for municipal and private groundwater wells that a) are within or near the currently-understood extents of the PCE groundwater plume and b) are used or may be used for potable water supply or other uses such as irrigation (see Table B-2 in Appendix B). The private wells shown on this map will be subject to further evaluation and, as applicable, investigation to assess of which, if any, of the wells are sources of water with PCE above applicable risk-based and regulatory concentrations.

Well Status Notes:
- Active - well is currently in use
- Inactive - well has been identified and no longer in use
- Inactive/Unknown - well has been identified or suspected based on interpretation of well location description on DWR Well Log and property owner cannot locate the well and El Dorado County well destruction records are not available.
- Active* - Assume property has an active well because the property has a sewer connection with South Tahoe Public Utilities District and does not have a municipal water connection with LBWC or South Tahoe Public Utilities District
- Destroyed - El Dorado County well destruction records are available

Active Municipal Well
Destroyed Municipal Well
Inactive Municipal Well
Active Private Well
*(for locations with * see note)*
Destroyed Private Well
Inactive Private Well
Inactive/Unknown Private Well
Active Small Community Well
Destroyed Small Community Well
Inactive Small Community Well
Potential Sensitive Receptor

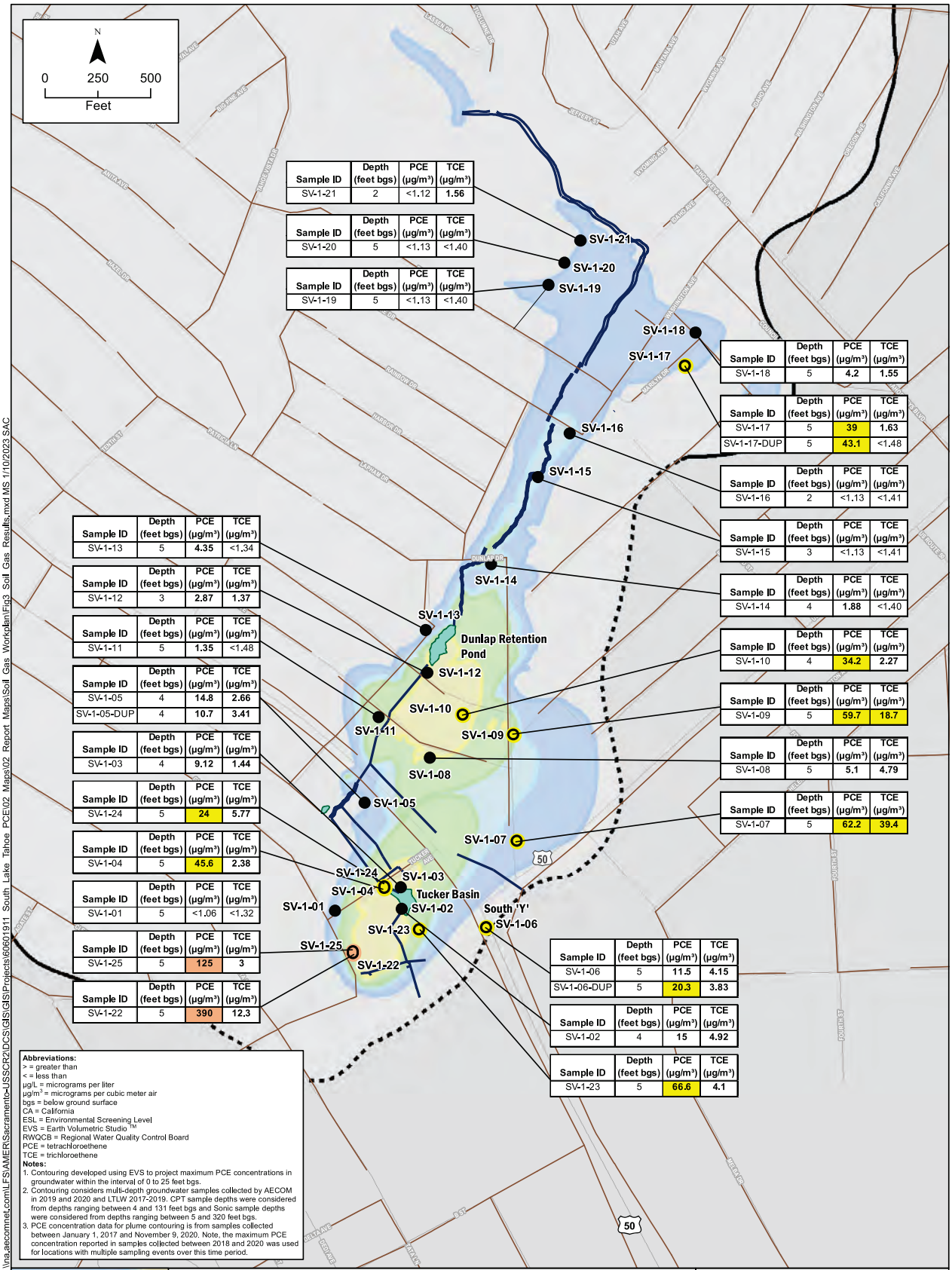
PCE Concentration Contours
(dashed where inferred)
0.5 - 5 µg/L
5 - 50 µg/L
50 - 100 µg/L
100 - 500 µg/L
>500 µg/L

Figure 15
Receptor Inventory

South "Y" PCE Plume
South Lake Tahoe, CA

FIGURE 18 PCE AND TCE SOIL GAS SAMPLE RESULTS, AUGUST 2022 SOIL GAS INVESTIGATION SUMMARY REPORT (AECOM, 2023)

AECOM. 17 January 2023. Soil Gas Investigation Summary Report, August 2022: South “Y” PCE, South Lake Tahoe “Y” Area PCE Project, South Lake Tahoe, California.



Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-21	2	<1.12	1.56

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-20	5	<1.13	<1.40

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-19	5	<1.13	<1.40

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-18	5	4.2	1.55

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-17	5	39	1.63
SV-1-17-DUP	5	43.1	<1.48

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-16	2	<1.13	<1.41

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-15	3	<1.13	<1.41

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-14	4	1.88	<1.40

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-13	5	4.35	<1.34

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-12	3	2.87	1.37

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-11	5	1.35	<1.48

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-10	4	34.2	2.27

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-09	5	59.7	18.7

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-08	5	5.1	4.79

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-07	5	62.2	39.4

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-05	4	14.8	2.66
SV-1-05-DUP	4	10.7	3.41

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-03	4	9.12	1.44

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-24	5	24	5.77

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-04	5	45.6	2.38

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-01	5	<1.06	<1.32

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-25	5	125	3

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-22	5	390	12.3

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-06	5	11.5	4.15
SV-1-06-DUP	5	20.3	3.83

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-02	4	15	4.92

Sample ID	Depth (feet bgs)	PCE (µg/m³)	TCE (µg/m³)
SV-1-23	5	66.6	4.1

Figure 3
PCE and TCE Soil Gas Sample Results, August 2022

South "Y" PCE Plume
South Lake Tahoe, CA

\\na.aecomnet.com\LFSVAMER\Sacramento-USSCR2\DCS\GIS\GIS\Projects\60601911 South Lake Tahoe PCE\02 Maps\02 Report Maps\Soil Gas Workplan\Fig3 Soil Gas Results.mxd MS 1/10/2023 SAC

EXHIBITS

EXHIBIT 1: ON-SITE REMEDIAL ACTION PLAN

DRAFT
SUBJECT TO CONFIDENTIALITY AGREEMENT
SUBJECT TO EVIDENCE CODE 1152

DRAFT
ON-SITE REMEDIAL ACTION PLAN
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150
GeoTracker ID: SL0601754315
Case #: T6S043

August 2025

Prepared for
Seven Springs Limited Partnership
Submitted to:
California Regional Water Quality Board - Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150

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CERTIFICATION STATEMENT

"I, [NAME], certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature: _____
Name: [Printed Name]
Title: [e.g., Property Owner]
Organization: [Responsible Party Name]
Date: [Month Day, Year]

SIGNATURE PAGE

All information, conclusions and recommendations contained in this report have been prepared under the supervision of the undersigned professional(s).

_____ _____

Peter M. Krasnoff, P.E. Date
California Registered Civil Engineer (44031)

_____ _____

Sharon Squire, Ph.D., P.G. Date
California Professional Geologist (8400)

1.0 INTRODUCTION

On behalf of Seven Springs Limited Partnership (Seven Springs) and Fox Capital Management Corporation (Fox), West Environmental Services and Technology, Inc. (WEST) has updated the January 2024 PES Environmental, Inc. (PES), dba NV5 (NV5) *Draft On-Site Remedial Action Plan* (RAP) for the former Lake Tahoe Laundry Works (LTLW) located at 1024 Lake Tahoe Boulevard, South Lake Tahoe, California ("the Site;" Figure 1-1). The *RAP* has been updated to include monitoring data collected during 2024 and the First Quarter of 2025 (1Q25).

The Site location is presented on Figure 1-2. The former Lake Tahoe Laundry Works Site is under regulatory oversight by the California Regional Water Quality Control Board, Lahontan Region (RWQCB) and is subject to certain provisions of Cleanup and Abatement Order No. R6T-2017-0022 issued in May 2017 (Order or CAO). On November 5, 2020, the El Dorado Superior Court ruled that the Order's investigation and reporting requirements promulgated pursuant to Water Code Section 13267 are defective. The RAP is submitted with the expectation that it will be incorporated as a required action of the Stipulated Cleanup and Abatement Agreement (Stipulated Agreement) being prepared by the RWQCB, Seven Springs, and Fox.

This RAP has been prepared to evaluate and recommend on-Site remedial actions. Numerous investigations to assess on-Site soil, soil gas, and groundwater conditions have been conducted at the Site since 2003. Based on the results of on-Site investigations conducted between 2003 and 2009, a soil vapor extraction/groundwater air sparge system (SVE/GASS) was installed on-Site in late 2009 and early 2010 to remove volatile organic compounds (VOCs) from the vadose zone soil and shallow groundwater. The SVE/GASS has been effective at removing VOCs from the vadose zone soil and shallow groundwater. However, the SVE/GASS is reaching the limits of its effectiveness and VOC mass removal rates are at asymptotic levels. Groundwater cleanup goals have not been attained and might not be reached at all on-Site locations within a reasonable timeframe. In that scenario, this RAP will be executed at areas of the LTLW where additional remedial actions are required to achieve Remedial Action Objectives (RAOs). Off-Site conditions will be addressed separately under the Stipulated Agreement.

The activities described in this document are consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP),[1] California Health and Safety Code section 25356.1(c), and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) guidance documents with respect to remedial investigations and feasibility studies. Regulatory and technical guidance documents used in preparing this RAP included: State Water Resources Control Board Resolution 92-49 – Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304; Items to be Included in a Site Assessment Report (RWQCB, 2005a); Items to be Included in a Site Assessment Work Plan (RWQCB, 2005b); Assessment Tool for Closure of Low-Threat Chlorinated Solvent Sites, Draft-Final (SFRWQCB, 2009); Guidance for Conducting Remedial Investigations and Feasibility

[1] Title 40 Code of Federal Regulations, Part 300.

Studies Under CERCLA (USEPA, 1988);[2] Guidance for Conducting Treatability Studies under CERCLA (USEPA, 1992); Final Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion [California Environmental Protection Agency (CalEPA), 2023]; and Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (DTSC, 2011).

The objectives of this RAP are to: (1) identify remediation strategies that will meet the RAOs (i.e., prevent adverse impact to human health and the environment, and avoid further degradation of groundwater quality and restore impacted on-Site groundwater to its beneficial uses in a reasonable timeframe.); and (2) present a program for remediation, as required, of soil, soil gas, and groundwater affected by VOCs at the Site. The RAP:

- Summarizes data generated during previous environmental investigations conducted at the Site;
- Specifies the chemicals of concern (COCs) to be remediated and associated Site target cleanup goals, and defines the extent of on-Site soil, soil gas, and groundwater media that might require remediation;
- Identifies and evaluates applicable remedial technologies and alternatives;
- Recommends a remedial action; and
- Outlines the tasks required to implement the recommended remedial action.

This RAP is organized as follows:

- Section 2 provides Site-specific background information.
- Section 3 provides a summary of Site conditions and baseline human health risk evaluation for the Site;
- Section 4 presents the feasibility study, which includes: a discussion of RAOs and applicable or relevant and appropriate requirements (ARARs), and a screening of remedial technologies considered for use at the Site;
- Section 5 discusses the remedial technologies selected for use at the Site, identifies four remedial action alternatives considered for the Site, provides a comparison of the four alternatives considered for the Site, and identifies the recommended remedial action; and
- Section 6 presents the implementation plan for the recommended remedial action, including additional details on the recommended remedial action.

[2] United States Environmental Protection Agency (USEPA), *Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA, Interim Final,* USEPA, 540/G-89/004, Office of Remedial and Emergency Response, 1988 (USEPA, 1988).

2.0 BACKGROUND INFORMATION

2.1 SITE DESCRIPTION

The Site is located in the City of South Lake Tahoe (City), El Dorado County, California (Figure 1-1). The former LTLW facility is situated in the northwest corner of the South Y Shopping Center, along Lake Tahoe Boulevard between U.S. Highway 50 and Tata Lane (Figure 1-2).

2.2 SITE CHARACTERISTICS AND OPERATIONAL HISTORY

The Site is situated at an elevation of approximately 6,273 feet above mean sea level (msl) in an area of Mesozoic Cretaceous loamy coarse sand alluvium (NV5, 2023a). The climate of the area is generally Mediterranean with chilly winters with regular snowfall, and summers that feature warm to hot days and cool nights with very low humidity. The ground surface at the Site is generally flat with a slight slope to the north. The Upper Truckee River is located approximately 3,700 feet east of the Site.

The Site appears to have been undeveloped land until the early 1950s when several structures are visible on the subject property in historical aerial photographs, including a gasoline station formerly located on the eastern side of the Site along Emerald Bay Road from approximately 1952 to 1962.

The Site is presently developed with the South Y Shopping Center that encompasses approximately 11.7 acres of an irregularly shaped parcel located on the south corner of the intersection of Lake Tahoe Boulevard and Highway 50 in South Lake Tahoe, California (Figure 1-1). The South Y Shopping Center was constructed in 1972 and includes a multi-tenant commercial building (Figure 1-2). The ground surface cover consists of either asphalt, concrete, and/or landscaping throughout the Site. The Site is bounded on the north and east by public roadways, on the south by residential properties, and on the west by commercial properties.

Since its opening in the early 1970s, the South Y Shopping Center has included a laundromat in the space occupied by the former LTLW at 1024 Lake Tahoe Boulevard. A coin-operated dry-cleaning unit (DCU) was located in the laundromat tenant space beginning in 1972 and was removed from the laundromat in 1979 or 1980. WEST understands that no other dry-cleaning operations were conducted within the South Y Shopping Center.

2.3 USE OF ADJOINING TENANT SPACES AND ADJACENT PROPERTIES

Occupants in tenant spaces adjoining and adjacent to the former Lake Tahoe Laundry Works tenant space include: Wells Fargo (1032 Emerald Bay Road), Mtn. Postal Pack & Ship (1034 Emerald Bay Road), and TV Donuts (1036 Emerald Bay Road) to the east, Raley's (1040 Emerald Bay Road), and Peet's Coffee (1040 Emerald Bay Road) to the south.

2.4 GEOLOGY AND HYDROGEOLOGY

2.4.1 Regional Geologic and Hydrogeologic Setting

The near surface geology in the vicinity of the Site primarily consists of alluvial deposits, including sands, silty sands, interbedded sands, silts, and clays to at least 140 feet below ground surface (bgs; IT Corporation, 2000).

Groundwater is generally first encountered at approximately 8 to 15 feet bgs in the vicinity of the Site but can be as shallow as 3 feet bgs during years with greater than normal precipitation amounts. Aquifer zones consist of the following:

- **Shallow Zone Aquifer** (SZA)**:** Ground surface to approximately 30 feet bgs;
- **Middle Zone Aquifer** (MZA)**:** Approximately 30 feet bgs to 60 feet bgs; and
- **Deeper Zone Aquifer** (DZA): This zone is divided into the upper deeper zone and lower deeper zone. The upper deeper zone is between approximately 60 and 80 feet bgs, and the lower deeper zone is below 80 feet bgs.

First-encountered SZA groundwater in the vicinity of the Site appears to flow north-northeast at an approximate hydraulic gradient of 0.007 foot per foot (WEST, 2025). Direction of groundwater flow in the MZA flows to the northwest and also to the south-southeast due to groundwater mounding at OS-2M (WEST 2025b), and direction of groundwater flow in the DZA ranges from north-northwest to south-southwest (IT Corporation, 2000; and Shaw, 2003). The ranges of groundwater flow direction in middle and deeper aquifers reflect groundwater extraction in the South Y Area.

2.4.2 Site Geology

According to Site investigations conducted by Environmental Engineering, Consulting and Remediation, Inc. (E_2C; E_2C, 2008), initial soils encountered in borings at the Site were fill materials to depths ranging from 6 to 9 feet bgs. Along Lake Tahoe Boulevard, the fill materials were encountered generally to approximately 8 feet bgs, with old road base materials encountered at approximately 5 to 6 feet bgs.

Soils immediately underlying the fill materials generally consists of unconsolidated sands with occasional gravel. The top of the SZA groundwater was generally encountered within the top few feet of these underlying sands. A silt layer that defines the bottom of the SZA is laterally continuous at varying thicknesses at approximately 30 feet bgs across the western portion of the Site; however, it is laterally discontinuous along the eastern portion of the Site. Site cross-section diagrams are included in Appendix A of this RAP. These cross-sections were developed using data collected from a 2008 investigation (E_2C, 2008) and the boreholes were advanced to a maximum depth of approximately 57 feet bgs (at borehole for monitoring well location LW-MW-1S/1D).

Underlying the silts at the bottom of the SZA were sands of varying coarseness and color, and this zone has been classified as the MZA. The bottom of the MZA was defined by a thin layer of silts. In October 2017, a PES State of California licensed Professional Geologist continuously logged borehole LTLW-SB-1. In October 2017, a PES State of California licensed Professional Geologist continuously logged borehole LTLW-SB-1. Logging results confirmed the stratigraphy depicted on the cross-sections in Appendix A. The log indicates the Site at borehole LTLW-SB-1 is underlain primarily by coarse grained sediments consisting of sands and occasional gravels. Fine-grained sandy silt layers about 1-foot thick were encountered between 34 and 40 feet bgs and a deeper silt layer was encountered from around 79 feet bgs to 100 feet bgs, the maximum depth explored. The boring log for borehole LTLW-SB-1 is included in Appendix A.

2.4.3 Site Hydrogeology

Eighteen (18) groundwater monitoring wells were installed between 2008 and 2018 and sampled in association with the investigation of the LTLW. The construction details for these wells are summarized in Table 2-1. Eleven of the groundwater monitoring wells are located on-Site, with: LW-MW-1S, LW-MW-2S, LW-MW-5S, LW-MW-9S, LW-MW-10SR, LW-MW-11S, LW-MW-12S and LW-MW-13S in the SZA; and LW-MW-1D, LW-MW-2D, LW-MW-5D in the MZA. Seven of the groundwater monitoring wells are located off-Site, with: OS-1, OS-2S, OS-3S and OS-4S in the SZA; and OS-2M, OS-3M and OS-4M in the MZA. Groundwater monitoring wells OS-4S and OS-4M were mistakenly destroyed on behalf of Swiss Mart Gas Station (GeoTracker ID T0601700148) in October 2023 and therefore have not been included in the groundwater monitoring program since September 2023 (3Q23).[3] Quarterly groundwater monitoring began in August 2008. Data from the 1Q25 sampling event conducted in March 2025 (WEST, 2025b) are depicted on figures in this RAP.

Historical Site groundwater elevation measurements are summarized in Table 2-2. During the 1Q25 sampling event conducted in March 2025, depth to groundwater ranged from: 6.14 feet below top of casing (btoc) at well OS-2S to 10.56 feet btoc at well LW-MW-9S in the SZA monitoring wells; and from 10.65 feet btoc at well OS-2M to 20.72 feet btoc at well OS-3M in the MZA wells. In the SZA, the generalized direction of groundwater flow was to the north-northeast at a horizontal hydraulic gradient of approximately 0.007 foot/foot (ft/ft; Figure 2-1), and in the MZA, excluding the localized groundwater mound beneath Tucker Avenue Basin, to the northwest at a horizontal hydraulic gradient of approximately 0.011 ft/ft; Figure 2-2).

Between January 2025 and March 2025, SZA groundwater elevations at LW-MW-2S increased by 1.10 feet, and MZA groundwater elevations at LW-MW-2D increased by 0.89 feet. Groundwater elevations in the MZA monitoring wells in March 2025 were an average of 8.19 feet lower than the nested/paired monitoring wells completed in the SZA, which indicates a downward vertical gradient. The differences in groundwater levels between the SZA and MZA indicate that

[3] RWQCB, 2025. *Email from B. Grey (RWQCB) to S. Squire (WEST), Re Destruction of OS-4S and OS-4M, May 5.*

the fine-grained unit separating these aquifer zones impedes movement of groundwater from the SZA to the MZA and associated downward migration of tetrachloroethene (PCE).

2.5 PREVIOUS INVESTIGATIONS

2.5.1 Previous Site Investigations

The RWQCB CAO dated May 12, 2017, states that site "investigations [have] identified PCE in soil and groundwater and indicated a coin operated dry cleaning unit that used PCE had operated at the Site between 1972 and 1979 or 1980. Spills associated with PCE delivery practices are the likely source of PCE at the Site." Since 2003, multiple rounds of on-Site and off-Site soil, soil gas, and groundwater investigations were conducted, as follows:

- October 2003, Groundwater Investigation (PES, 2003);
- September 2004, Supplemental Soil and Groundwater Investigation (PES, 2005);
- April 2005, Additional Soil and Groundwater Investigation (PES, 2005);
- August 2008, Monitoring Well Installation and Site Investigations (E2C, 2008);
- November 2009, Additional Monitoring Well Installation and Groundwater Sampling (E2C, 2010);
- May 2017, Supplemental Groundwater Sampling (EKI, 2019a);
- June and July 2017, Voluntary Off-Site Groundwater Investigation (EKI, 2019a);
- January 2018, Phase I Off-Site Groundwater Investigation (EKI, 2019a);
- October 2018, Phase II Off-Site Groundwater Investigation (EKI, 2019b);
- October and December 2018, Preferential Pathway Evaluation (PES, 2019a);
- March and April 2019, Phase III Off-Site Groundwater Investigation (EKI, 2019b); and
- January and July 2019, Off-Site Data Gap Investigation (EKI, 2019b).

These investigations indicated vadose zone soil and SZA groundwater had been impacted by the dry-cleaning solvent PCE. Higher concentrations of PCE in soil and groundwater were found at an on-Site area to the northwest of the LTLW tenant space at the vicinity of well LW-MW-1S/1D, which E_2C found to be the "source area for impact to the SZA" (E_2C, 2008). At that time the RWQCB stated it was "reasonable to plan and implement actions at this site to remove soil contamination and contain and treat groundwater resulting from this site." (RWQCB, 2009). A summary of soil analytical results for chlorinated VOCs (CVOCs) is presented in Table 2-3. The following subsections discuss the on-Site investigations, off-Site investigations that were conducted near the Site, conclusions and comments made at the time of the investigations, and regulatory directives. The boring and sampling locations from these investigations are illustrated on plates included in Appendix A.

2.5.1.1 GROUNDWATER INVESTIGATION (2003)

In October 2003, a groundwater investigation was conducted at the Site. Grab groundwater samples were collected at five locations from the SZA and at four locations from the MZA. Analytical data for samples collected during the groundwater investigation indicated that PCE and its degradation products, trichloroethylene (TCE) and dichloroethene (DCE) were present in both the SZA and MZA groundwater beneath the Site (PES, 2003) as presented in Appendix A. Concentrations of CVOCs were generally an order of magnitude higher in groundwater samples collected from the SZA than from the MZA. The maximum concentrations of PCE detected in the SZA and MZA were 690 micrograms per liter (µg/L) and 52 µg/L, respectively.

Based on the results of the investigation, the RWQCB requested a work plan for further Site investigation in correspondence dated April 12, 2004 (RWQCB, 2004a). In that correspondence, the RWQCB requested that the further Site investigation include assessment of possible sources of CVOCs inside the on-Site building, possible release locations, and groundwater impacts beyond the Site boundaries.

2.5.1.2 SUPPLEMENTAL GROUNDWATER INVESTIGATION (2004)

In September 2004, a supplemental soil and groundwater investigation was conducted at the Site (PES, 2004). Prior to conducting the sampling, a utility survey was performed to clear proposed boring locations and to locate and map out the sanitary sewer lines within the LTLW tenant space and parking lot west of the tenant space. Using known floor drain locations and ground penetrating radar (GPR), the utility locator was able to determine the approximate location and depth of the sewer lines.

Soil samples were collected at three locations within the interior of the LTLW tenant space (borings SB-1 through SB-3) and three exterior locations (SB-4 through SB-6) to the north and west of the LTLW tenant space. Soil sampling was conducted at suspected locations of dry-cleaning solvent releases at the property. Groundwater samples were collected from the SZA from interior borings SB-1 and SB-3. Groundwater samples were collected from the SZA and MZA from exterior locations GW-6 through GW-8.

Soil analytical results from the September 2004 investigation indicated an absence of significant soil contamination beneath the LTLW facility (PES, 2004). In addition, VOCs were generally not detected in the vicinity of sanitary sewer lines leading from the LTLW facility. PCE was detected in soil from boring SB-1, one of three borings placed inside the LTLW tenant space, boring SB-5, located in the driveway entrance to the LTLW parking lot, and boring SB-6, drilled approximately 5 feet north of the front door to LTLW facility. The maximum detected PCE concentration in soil was 0.81 milligrams per kilogram (mg/kg) in the sample collected at 5 feet bgs from boring SB-5.

Groundwater sampling results from the September 2004 investigation confirmed the October 2003 results that indicated PCE concentrations in on-Site SZA groundwater were higher than PCE concentrations detected in samples collected from the on-Site MZA groundwater. The

concentrations of PCE detected in boring GW-8 from the SZA and MZA were 240 µg/L and 2.5 µg/L, respectively. Groundwater results from borings advanced near the center of Lake Tahoe Boulevard, GW-6 and GW-7, indicated that: (1) SZA groundwater was not significantly affected by CVOCs; and (2) that higher concentrations of PCE were present in samples from the MZA. PCE was not detected in the SZA groundwater sample from boring GW-6 and was measured at a relatively low concentration of 21 µg/L in the SZA groundwater sample from boring GW-7. PCE concentrations in MZA groundwater samples collected from borings GW-6 and GW-7 were 710 µg/L and 230 µg/L, respectively.

In correspondence dated November 22, 2004, the RWQCB requested an additional investigation be conducted to assess soil impacts near the front door of the LTLW tenant space and groundwater impacts at GW-8 (RWQCB, 2004b).

2.5.1.3 Additional Soil and Groundwater Investigation (2005)

An additional soil and groundwater investigation was conducted on and in the vicinity of the Site in April 2005 (PES, 2005). Soil sampling was conducted to attempt to define the vertical and lateral extents of PCE-affected soil in the vicinity of previously sampled borings located north and northwest of the LTLW tenant space. Groundwater sampling was conducted downgradient and cross-gradient of GW-8. SZA groundwater samples were collected from borings GW-9 and GW-10 as well as monitoring well S-2 that was constructed to investigate a petroleum hydrocarbon release at a former Shell-branded service station. MZA groundwater samples were collected from boring GW-9 and monitoring well S-5-41 constructed at the former Shell property.

PCE was detected at concentrations ranging from 0.0085 mg/kg in sample SB11-2 to 12.0 mg/kg in sample SB8-4. Soil analytical results indicated PCE-affected soil was present at exterior locations of the LTLW tenant space.

PCE was detected in the SZA groundwater sample collected from boring GW-9 (1,000 µg/L), advanced downgradient from boring GW-8. PCE was detected at 20 µg/L in the SZA groundwater sample collected from boring GW-10 and was not detected in groundwater from Shell monitoring well S-2. These results indicated that VOC concentrations in the SZA significantly decreased in the downgradient direction of groundwater flow from boring GW-9.

The MZA groundwater sample collected in 2004 from GW-8 had a PCE concentration of 2.5 µg/L. The groundwater sample collected from the MZA at boring GW-9 during the additional investigation in 2005 contained PCE at a concentration of 1,200 µg/L. The MZA groundwater sample collected from Shell monitoring well S-5-41 contained PCE at 0.96 µg/L.

2.5.1.4 Additional Site Investigations (2008 and 2009)

In July and August 2008, E_2C conducted an additional investigation on and in the vicinity of the Site to further assess soil and groundwater conditions. E_2C advanced two borings on-Site, six borings off-Site in Lake Tahoe Boulevard, and installed nested (SZA and MZA) groundwater monitoring wells in each borehole. Groundwater monitoring wells LW-MW-1S/D and

LW-MW-2S/D were installed on-Site, and wells LW-MW-3S/D, LW-MW-4S/D, LW-MW-5S/D, LW-MW-6S/D, LW-MW-7S/D and LW-MW-8S/D were installed off-Site.

E_2C collected and analyzed soil samples from each of the boreholes. PCE was detected at concentrations ranging from 0.057 mg/kg (LW-MW-8S/D at 32 feet bgs off-Site) to 410 mg/kg (532 mg/kg spilt-sample) (LW-MW-1S/D at 7 feet bgs on-Site).

The off-Site wells were sampled once before they were abandoned. E_2C concluded that the data indicated little to no PCE migration in groundwater from the Site, and the RWQCB concurred with the well abandonment activities.[4] Groundwater PCE concentrations were less than 100 µg/L in both the SZA and MZA under Lake Tahoe Boulevard.

In 2009, E_2C constructed SZA groundwater monitoring wells LW-MW-9S, LW-MW-10S, LW-MW-11S, LW-MW-12S, and LW-MW-13S at the Site to characterize PCE in SZA groundwater in the east-to-west direction, and to the south, in the upgradient direction of groundwater flow of the suspected source area near monitoring well LW-MW-1S (E_2C, 2009; E_2C, 2010).

Shallow Zone monitoring well LW-MW-10S was constructed near the sanitary sewer pipe exiting beneath the former LTLW tenant space and close to the rear door of the tenant space, which may have been the location of a trash dumpster used by the LTLW. The only VOC detected in soil samples collected from the borehole for well LW-MW-10S was PCE at 0.052 mg/kg and 0.051 mg/kg in samples from 15.5 feet bgs and 26 feet bgs, respectively. SZA well MW-10S was inadvertently destroyed by a contractor attempting to abandon monitoring well MW-38M/D (E_2C, 2013). E_2C replaced destroyed well LW-MW-10S with LW-MW-10SR in 2013.

On April 8, 2009, the RWQCB issued Investigative Order R6T-2009-0013 requiring the submittal of a work plan to conduct soil and groundwater remediation at the Site. In that directive the RWQCB stated "The lateral and vertical extent of tetrachloroethene (PCE) is defined in the vadose zone based on soil sample results and geologic cross sections." (RWQCB, 2009). See Section 2.6 for a summary of the remedial actions implemented at the Site.

2.5.1.5 SUPPLEMENTAL GROUNDWATER INVESTIGATION (2017)

In May 2017, at the request of the RWQCB, E_2C collected shallow groundwater samples from nine air sparge wells[5] and eight SVE wells.[6] Additionally, E_2C collected MZA groundwater samples from monitoring wells LW-MW-1D, LW-MW-2D, and LW-MW-5D.

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[4] RWQCB accepted the E_2C Site Investigation Report of Findings, which described abandonment of monitoring wells within Lake Tahoe Boulevard. See E_2C Site Investigation Report of Findings. p. 7; and RWQCB. April 8, 2009. Investigative Order No. R6T-2009-0013 to Submit Workplan for Remediation at the Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County.

[5] Air sparge wells sampled consisted of AS-6, AS-7, AS-8, AS-13, AS-14, AS-19, AS-20, AS-21, and AS-25.

[6] Soil vapor extraction wells sampled consisted of VE-2, VE-3, VE-4, VE-5, VE-10, VE-11, VE-12, and VE-13.

None of the shallow groundwater samples from the air sparge or SVE wells contained PCE at concentrations above its State of California maximum contaminant level of (5 µg/L). E_2C concluded that the SVE/GASS was successfully remediating on-Site contamination. Sampling results from groundwater monitoring wells LW-MW-1D, LW-MW-2D, and LW-MW-5D show PCE concentrations have varied in MZA groundwater beneath the Site. The highest groundwater PCE concentration in the MZA beneath LTLW was measured in monitoring well LW-MW-1D.

2.5.1.6 PHASE I OFF-SITE GROUNDWATER INVESTIGATION (2017 AND 2018)

In October 2017, borehole LTLW-SB-1 was continuously logged, and in January 2018 the lithologic descriptions of borehole LTLW-SB-1 were correlated with cone penetrometer test (CPT) data by pairing the borehole with the CPT. The CPT was coupled with membrane interface probe (MIP) testing to aid in determining groundwater sample depth intervals.

A significant response by the MIP chemical detectors was registered from approximately 10 to 13 feet bgs for LTLW-GW-1, which is consistent with the finding that a release of PCE occurred near this location.

CPTs also were performed at LTLW-GW-2 and LTLW-GW-6 in Lake Tahoe Boulevard, which are situated in the downgradient direction of SZA groundwater flow from the Site outside of the air sparge wells zone of influence (ZOI) and upgradient of the former Big O Tires facility. The CPTs and subsequent grab groundwater samples obtained within Lake Tahoe Boulevard are approximately 40 to 50 feet from the nearest air sparge wells at the Site.

Multi-depth grab groundwater samples were collected from two locations at the Site, designated LTLW-GW-1, and LTLW-GW-3, and five locations along Lake Tahoe Boulevard, designated LTLW-GW-2, and LTLW-GW-4 through LTLW-GW-7.

The highest groundwater PCE concentration was 123 µg/L measured in the sample obtained between 10 to 14 feet bgs from location LTLW-GW-1, which coincides with the significant MIP response and on-Site source area identified by E_2C in 2008. Groundwater PCE concentrations in the off-Site SZA were relatively low, ranging from non-detection at the laboratory analytical method reporting limit of 0.5 µg/L to 7.78 µg/L. PCE concentrations in the MZA along Lake Tahoe Boulevard ranged from non-detection at the laboratory analytical method reporting limit of 0.5 µg/L to 28.6 µg/L.

2.5.1.7 PREFERENTIAL PATHWAY EVALUATION (2018)

In October and November 2018, on-Site passive soil gas samplers (PSGs) were installed to perform a preferential pathway evaluation in accordance with the Preferential Pathway Evaluation Work Plan (PES, 2018a, 2018b). PSGs were installed on-Site at locations to assess background conditions (4 locations), along utility trench alignments (10 locations including duplicate) and along the sanitary sewer/storm drain pipelines (4 locations).

In December 2018, soil samples were collected from utility trenches below the pipeline inverts at ten on-Site locations. PCE was reported in 4 of the 10 soil samples at concentrations ranging from 1.80 to 106 micrograms per kilogram (µg/kg) (PES, 2018c). All PCE concentrations were below the cleanup goals established in the 2010 RAP.

2.5.1.8 PHASE III OFF-SITE GROUNDWATER INVESTIGATION (2019)

In February through April 2019, the Phase III Off-Site Groundwater Investigation was conducted and included CPTs and the collection of multi-depth grab groundwater samples along Tata Lane in the upgradient direction of groundwater flow from LTLW, and along Lake Tahoe Boulevard and Emerald Bay Road, (EKI, 2019b). The Phase III Off-Site Groundwater Investigation also included collecting groundwater samples from monitoring wells CL-2 and CL-3 that are adjacent to the Clement Street municipal supply well.

Nine off-Site locations (LTLW-GW-13 through LTLW-GW-21) were sampled (EKI, 2019b). CPTs were performed at locations LW-GW-17, LW-GW-19, and LW-GW-21. Multi-depth grab groundwater sampling included: three locations on Tata Lane (i.e., GW-16, GW-17, and GW-18); two locations on Lake Tahoe Boulevard (i.e., GW-19 and GW-20); and one location on Emerald Bay Road (i.e., GW-21).

2.5.2 Soil Vapor Probe and Groundwater Monitoring Well Sampling

Soil gas samples were collected from ten soil vapor probes (VPs) and SVE well VE-2 in accordance with the soil gas monitoring procedures. The VPs and SVE well locations are depicted on Figure 2-3. Tables 2-4 and 2-5 present summaries of all CVOC and petroleum related and VOC sampling results for VPs and SVE well VE-2. The VP and SVE CVOC sampling results for the four most recently sampled events are presented in Table 2-6 and on Figure 2-12.

Laboratory analytical results for the groundwater samples collected during monitoring events are included in Table 2-7. The concentrations of PCE, TCE, and cis-1,2-dichloroethylene (cis-1,2-DCE) detected in SZA and MZA groundwater samples during the First Quarter 2025 groundwater sampling event are posted on Figures 2-4 to Figure 2-9. Distributions of these CVOCs in SZA and MZA groundwater are discussed in Section 3.3.3. Groundwater CVOC sampling results for the four most recently sampled events are presented on Figures 2-10 and 2-11.

2.6 SITE REMEDIATION

In response to Site investigation findings, remediation activities to address CVOCs in the vadose zone and SZA beneath the Site were implemented by E_2C, as follows:

- 2010 to present, SVE/GASS operations;
- September and October 2017, groundwater batch pumping; and
- November 2019, in-situ chemical oxidation (ISCO) injections.

These remediation activities are discussed in more detail in the following subsections.

2.6.1 SVE/GASS (2010 to Present)

The SVE/GASS (see Appendix A), consisting of 27 air sparge wells, 20 SVE well pairs (40 individual SVE wells), and 10 VPs, was constructed in late 2009 to early 2010 to remove VOCs from the vadose zone soil and SZA groundwater (E_2C, 2010). Pilot tests were subsequently conducted to verify effectiveness of the SVE/GASS. Based on the pilot test results, use of the SVE/GASS was approved by the RWQCB as the remedy for CVOC contamination in the vadose zone and SZA groundwater at the Site (RWQCB, 2013).

The SVE/GASS has been operating since April 2010. It is estimated that approximately 990 pounds of VOC mass, consisting predominantly of PCE, have been removed through March 25, 2025 (WEST, 2025b). Contaminant mass removal rates of SVE systems are understood to decrease along a first-order (exponential) decay curve with high initial rates that eventually attain an "asymptote" level (U.S. Department of Energy, 2013). The SVE/GASS has reached this asymptotic stage. The VOC mass removal rate has dropped from approximately 100 grams per day upon start-up in 2010 to less than 1 gram per day by 2022 (NV5, 2023b). In June 2022, Seven Springs (PES, 2022) initiated optimization of the SVE/GASS with the goal of maximizing the VOC mass removal rate consistent with USEPA guidance (USEPA, 2018). On November 21, 2024, Seven Springs replaced the GASS compressor and balanced the wells for optimum flow, which resulted in an increase of VOC mass removal to 6.5 grams per day. During the 1Q25 sampling event, the average VOC mass removal was calculated at 9 grams per day.

2.6.2 Groundwater Batch Pumping (2017)

In September and October 2017, six batch pumping events, each lasting approximately 8 hours, were performed. E_2C concluded that the batch pumping appeared to be effective at polishing groundwater quality at the Site, and particularly so in the vicinity of the pumped wells (E_2C, 2017). Batch pumping was discontinued to allow off-Site groundwater investigations to be conducted.

2.6.3 ISCO Injections (2019)

A 2019 Investigation Summary Report (EKI, 2019b) concluded that the low VOC mass removal rates indicated that the SVE/GASS was approaching the limits of effective operation. This report discussed that CVOCs remain in the capillary fringe (10 to 13 feet bgs at the time of the report) near monitoring well LW-MW-1S. EKI concluded these CVOCs were not accessible by the SVE/GASS because the soil pores were filled with water, which prevents SVE air flow from propagating through the capillary fringe. Air sparging also has not been able to fully remediate PCE in the capillary fringe near well LW MW-1S and in SZA groundwater upgradient of and in the vicinity of LW-MW-9S. Accordingly, an ISCO work plan (E_2C, 2019) was submitted in July 2019 and was approved by RWQCB in December 2019 (RWQCB, 2019b).

Between November 20 and 26, 2019, an ISCO pilot test was conducted for the vadose zone soil and SZA groundwater. A total of 73 pounds of potassium permanganate ($KMnO_4$), diluted to

2.55% solution, was injected between depth intervals of approximately 7 to 29 feet bgs to the north of the LTLW tenant space (see Appendix A). The total injection solution volume was 343 gallons. The ISCO pilot test achieved significant reduction in CVOC concentrations in soil gas; however, the CVOC reduction in groundwater was less than expected, likely due to the declining water levels relative to the mass of PCE contained within the capillary fringe soil, which reduced effective contact of the $KMnO_4$ solution with PCE within the capillary fringe (E_2C, 2020).

3.0 SUMMARY OF SITE CONDITIONS

Consistent with NCP requirements, this section presents a summary of on-Site subsurface conditions, based on our current understanding of the available data from Site investigations. The summary includes: (1) identification of the on-Site sources and release mechanisms for COCs (primarily PCE); (2) nature and extent of PCE and its degradation products within the on-Site environment; (3) hydrogeologic conditions and framework; (4) actual and potential migration pathways for PCE and its degradation products; (5) complete and potential exposure pathways and receptors; and (6) baseline human health risk evaluation.

Historical operations at the Site involved the use of PCE as a dry-cleaning solvent and results of numerous environmental sampling events show that PCE is present in the subsurface and is found in soil, soil gas, and groundwater samples. PCE is the most frequently detected VOC and is found at the highest concentrations in soil, soil gas, and groundwater samples collected at the Site. Degradation products of PCE, which include TCE, cis-1,2-DCE, trans-1,2-dichloroethylene (trans-1,2-DCE), and vinyl chloride, have also been found in soil, soil gas and/or groundwater samples. The degradation product 1,1-dichloroethylene (1,1-DCE) has only been detected in groundwater samples from well LW-MW-1S during two sampling events (August 2008 at 1.25 µg/L and March 2010 at 7.71/7.40 µg/L [primary and duplicate samples]) (E_2C, 2088; E_2C, 2010). Groundwater monitoring well LW-MW-1S has been sampled 55 times and 1,1-DCE was not detected in 53 of those events. Based on the lack of detections of 1,1-DCE in soil and soil gas samples and the very infrequent detections of 1,1-DCE in groundwater samples from the Site (2 out of 55 sampling events), 1,1-DCE is not considered a COC at the Site. Thus, COCs for the Site are defined to be PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride.

3.1 DISTRIBUTION OF SITE CONTAMINANTS

3.1.1 Soil

Soil samples and samples of fill surrounding storm drain and sanitary sewer pipes collected between 2004 and 2018 were reported to contain: PCE up to 532 mg/kg; TCE up to 17 mg/kg; cis-1,2-DCE up to 0.413 mg/kg; trans-1,2- DCE up to 1.2 mg/kg; vinyl chloride up to 0.066 mg/kg; and 1,2-dichloroethane (1,2-DCA) up to 0.19 mg/kg (E_2C, 2010; EKI, 2019b).[7] Soil sample analytical results are summarized in Table 2-3.

PCE concentrations detected in the vadose zone (surface to 13-feet below ground surface for this evaluation) ranged from 0.0018 milligrams per kilogram (mg/kg) to 12 mg/kg, except for PCE at 532 mg/kg in soil sample LW-MW-1S collected at 7 feet below ground surface. PCE in soil samples collected at 15-feet or deeper (up to 52.2 feet below ground surface) was reported up to 0.82 mg/kg (Table 2-3).

[7] Note: 1,2-DCA was reported in only one (1) soil sample (LW-MW-3-20) at a concentration of 0.19 mg/kg and a review of the PES soil analytical summary data indicates that 1,2-DCA was not reported as detectable (E_2C, 2010).

3.1.2 Soil Gas

Soil gas samples have been collected at the Site from April 2010 through March 2025 from up to ten VPs (VP-1 to VP-10) and one SVE well (VE-2). In April 2018, VP-4 was unable to be located and has not been sampled since November 2017. Since March 2021, SVE well VE-2 has been sampled quarterly in lieu of VP-4. Results from the four most recent sampling events from on-Site probes are shown on Figure 2-12.

Soil gas analytical data are summarized in Tables 2-4 and 2-5. The 1Q25 (March 2025) vapor data (or most recent sampling result if not sampled during the 1Q25 sampling event) are summarized as follows:

- The most recent concentrations of PCE in vapor samples collected from on-Site vapor probes/SVE well range from non-detection at the laboratory reporting limit of 6.78 micrograms per cubic meter (µg/m³) to a concentration of 77.3 µg/m³, except for:
    - During December 2024, PCE in soil gas samples was reported at 36,100 µg/m³ from VP-2; 54.6 µg/m³ from VP-1; and was not detected above the laboratory reporting limit of 6.78 µg/m³ in VP-3. During the 1Q25 sampling event, PCE within the other six VPs and one SVE well ranged from less than the laboratory reporting limit of 6.78 µg/m³ (VP-10) to 77.3 µg/m³ (VP-9).
- The most recent concentrations of TCE in vapors collected from on-Site vapor probes/SVE well range from non-detection at the laboratory reporting limit of 5.37 µg/m³ to a concentration of 14.8 µg/m³, except for:
    - TCE was detected in vapor samples collected from VP-2 at 302 µg/m³ during December 2024 and was not detected in samples collected from vapor probes VP-1 and VP-3. During the 1Q25, except for 14.8 µg/m³ in the sample collected from VP-5, no TCE was detected in vapor samples collected from the other six VPs and one SVE well above the laboratory reporting limit of 5.37 µg/m³.
- The most recent concentrations of cis-1,2-DCE in soil gas collected from onsite vapor probes/SVE well range from non-detection at the laboratory reporting limit of 3.97 µg/m³ to a concentration of 25.5 µg/m³ (VP-5), except for 106 µg/m³ (VP-2) in December 2024.
    - Cis-1,2-DCE was detected in vapor samples collected from VP-2 at 106 µg/m³ during December 2024 and was not detected in samples collected from vapor probes VP-1 and VP-3. Of the vapor samples collected from the other six VPs and one SVE well during the 1Q25, cis-1,2-DCE was only detected at 5.83 µg/m³ in VE-2 and 25.5 µg/m³ in VP-5.

- No other CVOCs were detected at or above their laboratory reporting limits in any of the VPs/SVE wells sampled between December 2024 and March 2025.

- During March 2025, concentration of petroleum related VOCs in soil gas includes: toluene up to 34 µg/m³; ethylbenzene up to 7.99 µg/m³ and total xylenes up to 37.3 µg/m³.

3.1.3 On-Site Groundwater

The results of the 1Q25 groundwater sampling event are presented in Table 2-7, and on Figures 2-4 to 2-11. A brief discussion of the groundwater COC analytical results is presented below:

3.1.3.1 On-Site Shallow Zone Aquifer Wells

- PCE and trichloromethane (TCM; also known as chloroform) were the only chemicals detected above laboratory reporting limits of 0.5 µg/L in groundwater samples collected from the on-Site Shallow Zone groundwater monitoring wells during 1Q25 (March 2025).
    - PCE was detected in six of the eight on-Site wells at concentrations ranging from 0.61 µg/L to 4.38 µg/L at LW-MW-5S (with a duplicate at 4.22 µg/L), below its MCL of 5.0 µg/L.
    - TCM was detected in one of the eight on-Site wells, LW-MW-11S at 0.530 µg/L, below its MCL of 80 µg/L. The presence of TCM is typically associated with chlorinated potable water, e.g., leaking water supply or irrigation lines.
- No other CVOCs were detected at or above their respective laboratory reporting limits in the groundwater samples collected from the on-Site SZA wells.
- Concentrations of PCE in groundwater collected from on-Site wells are currently below its MCL of 5 µg/L with the SVE/GASS operating. These concentrations follow significant declines in PCE concentrations in the fourth quarter of 2024 (from 37.2 µg/L to 17.2 µg/L in LW-MW-5S and from 736 µg/L to 1.55 µg/L in LW-MW-9S) following replacement of the compressor. Groundwater monitoring with the SVE/GASS system off will be required to evaluate the potential for increases in concentrations, i.e., rebound, that is often displayed following active remediation. These data will be used to evaluate locations and media for additional remediation.

3.1.3.2 On-Site Middle Zone Aquifer Wells

- PCE, cis-1,2-DCE, vinyl chloride, and TCM were the only chemicals detected above laboratory reporting limits of 0.5 µg/L in groundwater samples collected from the on-Site Middle Zone groundwater monitoring wells during the 1Q25 (March 2025) sampling event.

- PCE was detected in groundwater samples collected from LW-MW-1D at 13.3 µg/L in March 2025 (compared to 630 µg/L in June 2023 and 428 µg/L in March 2024); above its MCL of 5.0 µg/L.
- Cis-1,2-DCE was detected in groundwater samples collected from LW-MW-1D in March 2025 at 1.63 µg/L (compared to 6.21 µg/L in June 2024); below its MCL of 6.0 µg/L.
- Vinyl chloride was detected in groundwater samples collected from LW-MW-1D in March 2025 at 0.570 µg/L; above its MCL of 0.5 µg/L. Vinyl chloride has not been detected in groundwater samples collected from LW-MW-1D above a laboratory reporting limit of 0.5 µg/L since June 3, 2019, when it was detected at 2.1 µg/L.
- TCM was detected in groundwater samples collected from LW-MW-2D in March 2025 at 0.530 µg/L; below its MCL of 80 µg/L.

3.2 Evaluation of Potential Groundwater Uses

The Site is located within the Tahoe Valley South Subbasin of the Tahoe Valley Groundwater Basin (Groundwater Basin Number 6-5.01). The geology within the Tahoe Valley South Subbasin consists of glacial, fluvial, and lacustrine deposits overlying bedrock. The area downgradient of the Site consists of mixed commercial, industrial, and residential land uses. Residential land uses exist approximately 400 feet north-northwest of the Site, beyond the commercial land uses adjacent to the LTLW. There are no known plans to change zoning requirements in the Site vicinity, nor are any expected.

The Water Quality Control Plan for the Lahontan Region (Basin Plan; RWQCB, 1995) lists the Tahoe Valley South Subbasin as having the following beneficial uses of underlying groundwater: (1) municipal and domestic water supply; (2) industrial service supply; and (3) agricultural water supply. However, water for domestic, municipal, and industrial use are provided to the Site and Site vicinity by the South Tahoe Public Utility District (STPUD) and other water purveyors, and it is anticipated that this water supply will continue. The Basin Plan contains an Antidegradation Policy and states: "[w]henever the existing quality of water is better that the quality of water established in this Basin Plan as objectives (both narrative and numerical), such existing quality shall be maintained unless appropriate findings are made under the policy."

The El Dorado County Department of Environmental Management (EDCDEM) has adopted the State of California minimum depth requirement for sanitary seals of 50 feet bgs (i.e., deeper than the shallow aquifer). The use of groundwater wells for potable supply is restricted further by Section 8.39.080 of the El Dorado County Well Construction and Water Supply Standards Ordinance, which states "no water well permit may be issued for a private water well on parcels that have existing or available public water system connection unless it will be used for agricultural purposes." Chapter 8.39 further states: "All water wells shall be located such that adequate separation is provided between the well and areas with known or suspected contaminants or

pollutants." As such, the construction of water supply wells screened within the shallow groundwater zone at the Site is prohibited.

3.3 Evaluation of Potential Receptors

The Site is used for commercial/industrial purposes. The ground floors of Site buildings consist of retail commercial space and common areas (e.g., trash storage, etc.). There is no current residential occupancy at the subject property and, consistent with the anticipated Covenant and Environmental Restriction on Property (Covenant) to be recorded on the property deed, no residential occupancy or other sensitive receptor uses (e.g., childcare) on the ground floors of buildings within affected areas of the property will be permitted. Institution of land use controls through the Covenant is discussed in Section 6.3.

Current and reasonably anticipated future human receptors include on-Site indoor commercial/industrial workers, on-Site utility/maintenance workers, and landscaping workers. Indoor air sampling data from 2015 show that indoor air concentrations of PCE were below the San Francisco Bay Regional Water Quality Control Board's July 2025 Environmental Screening Levels (ESLs) for commercial land use (Table 2-8 and Figure 3-1). Utility/maintenance and landscaping activities will be subject to Health and Safety restrictions as outlined in the Risk Management Plan (RMP) for the Site. A copy of the RMP is provided in Appendix D.

3.4 Evaluation of Exposure Pathways

An exposure pathway is a mechanism by which receptors are assumed to contact chemicals in site media (USEPA, 1991). Exposure pathways evaluated for COCs at the Site are discussed in the following sections.

3.4.1 Direct Exposure

Groundwater Ingestion: Non-municipal supply wells are not present at the Site and are not anticipated to be installed as their construction would violate local restrictions. Consequently, direct exposure to COCs in groundwater by on-Site indoor commercial workers, maintenance workers, and landscaping workers is improbable. The pathway for ingestion of on-Site groundwater is incomplete.

Groundwater Dermal Contact: The Site is paved or covered with landscaped areas and no direct contact exposure pathway for groundwater exposure exists for users (e.g., indoor commercial workers) of the property. Shallow groundwater at the Site was observed at depths ranging from 6.14 to 10.56 feet below top of casing (btoc) during the 1Q25 sampling event. It is possible utility/maintenance and landscape workers will come into direct contact via dermal exposure with impacted groundwater. The exposure pathway for on-Site groundwater dermal contact is considered complete.

Migration to Surface Water Exposure Pathway: No surface water is present on the Site and therefore this exposure pathway is not complete.

Soil Incidental Ingestion/Soil Dermal Contact: The Site is currently improved by buildings and associated asphaltic pavement (i.e., capped). Soil sampling data indicate PCE concentrations in shallow soil at the subject property are below ESLs for Commercial/Industrial Land Use, Shallow Soil Exposure (Table 2-3). The direct contact exposure pathway for commercial indoor workers is not significant and is not considered complete. The exposure pathway for on-Site utility/maintenance workers is not considered significant but is considered potentially complete.

For intrusive subsurface activities, the RMP (Appendix D) will require that maintenance workers (if they were to contact soil) have the proper training and don personal protective equipment, and that engineering controls are in place to prevent incidental contact with potentially contaminated soil. The anticipated Covenant will mandate compliance with the RMP and/or require approval from the RWQCB for regulated activities prior to disturbance of the subsurface. As such, the direct contact exposure pathway for current or future maintenance or construction workers will be mitigated and direct contact with soil is not a significant or complete exposure pathway.

3.4.2 Indirect Exposure

Indoor Air Inhalation: Vapor inhalation may occur from volatile chemicals originating in the soil or groundwater in the subsurface.

One round of indoor air samples was collected at the Site in December 2015 (NV5, 2022). A second round of indoor air samples will be collected during implementation of the work plan included as Appendix C. During the 2015 sampling round, PCE was detected in nine of the ten indoor air and preferential pathway samples at concentrations ranging from 0.079 µg/m^3 to 0.514 µg/m^3. Concentrations of PCE detected in the indoor air and pathway samples did not exceed the conservative ESL for PCE in indoor air for a commercial/industrial setting (2.0 µg/m^3), which is based on a 1x10^{-6} excess cancer risk level (RWQCB, 2025). As such, the 2015 indoor air results indicate that vapor intrusion from the soil gas and/or groundwater pathway to indoor air is not a significant concern to current or future indoor commercial workers. However, the 2015 sampling was performed with the SVE/GASS operating and testing will need to be conducted after the SVE/GASS is turned off to confirm that vapor intrusion under this condition is not a concern. Therefore, the potential for indoor vapor inhalation to on-Site commercial and utility/maintenance workers is considered complete.

Ambient Air Inhalation: In December 2015, one round of outdoor ambient air samples was collected at the subject property. PCE, TCE, cis-1,2-DCE, and vinyl chloride were not detected in any of the ambient air samples. Trans-1,2-DCE was detected at 0.121 µg/m^3 in an ambient air sample, well below the commercial indoor air ESL of 12,000 µg/m^3. The outdoor ambient air pathway is not considered significant given COCs were either not detected or, in the case of trans-1,2-DCE, measured at a concentration that was orders of magnitude less than the relevant ESL.

Fugitive Dust Inhalation: The impacted areas of the Site are capped by concrete slabs of buildings or covered with asphalt/concrete paved parking and/or walkways. The anticipated Covenant will

require compliance with a RMP and/or require approval from the RWQCB for regulated activities prior to disturbance of the subsurface. For intrusive subsurface activities, the RMP requires implementation of dust control measures at the Site during work activities to prevent or control surface and air movement of dust from disturbed soil. As such, the fugitive dust inhalation pathway is not a significant exposure pathway.

3.5 Potential Receptors, Exposure Pathways, and Mitigation Measures

3.5.1 Identified Potential Receptors

Based on the investigation results and the discussion above of beneficial uses of groundwater, the following exposure pathways and receptors have been identified for soil, soil gas, groundwater, and indoor air at the Site. Potential receptors that were considered in the preparation of this RAP include:

- Utility workers and maintenance workers conducting repairs on the Site;
- Landscapers that maintain grounds at the Site; and
- Commercial workers at the Site.

3.5.2 Identified Potential Complete Exposure Pathways

Potential complete exposure pathways that must be addressed by the selected remedial action for the Site consist of:

- Direct contact by utility/maintenance and landscape workers with shallow soil;
- Direct contact by utility/maintenance and landscape workers with shallow groundwater at the Site; and
- Inhalation of COCs by on-Site commercial and utility/maintenance workers due to potential vapor intrusion within on-Site buildings.

Figure 3-1 presents a diagram depicting potential complete exposure pathways.

3.5.3 Potential Exposure Mitigation Measures

Utility/maintenance and landscape worker exposure can be minimized via implementation of the RMP that provides for screening of potential risks during ongoing maintenance activities at the Site.

Future exposure of residential receptors to VOC-affected subsurface media (e.g., soil and soil gas) at the Site can be limited through recording of the anticipated Covenant for the subject property. The Covenant will limit use of the property to commercial/industrial uses unless cleanup to levels appropriate for unrestricted use are achieved.

3.6 BASELINE HUMAN HEALTH RISK EVALUATION

Based on the potential receptors and exposure pathways identified in Section 3.5 the baseline human health risk evaluation (HHRE) included calculating the cumulative cancer risks and non-cancer hazard quotient for each sample location based on the results of historical laboratory analytical data from all soil samples and indoor air samples collected at the Site, and the four most recent soil gas samples collected from each VP or SVE well. Cumulative cancer risk and hazard quotients were calculated based on a commercial exposure scenario. The calculated cumulative cancer risk and hazard quotient are presented in: Table 2-3 for soil; Table 2-6 for soil gas; and Table 2-8 for indoor air.[8] A summary of the risks and hazards are presented in Table 3-1.

Soil samples were collected in 2004, 2005, 2008, and 2009 that contained COCs at concentrations above the cumulative cancer risk of $1x10^{-6}$ and hazard quotient of 1. These samples were collected before the on-Site SVE/GASS was constructed and operated, which has resulted in lower VOC concentrations in soil. The highest risk was identified in soil samples collected during installation of groundwater monitoring wells LW-MW-1S/M at 7 feet bgs. These samples were collected at the capillary fringe that was subsequently remediated by the SVE/GASS. Soil samples collected in 2018, after the SVE/GASS had operated for eight years, did not contain COCs at concentrations that exceed the cumulative cancer risk of $1x10^{-6}$ and hazard quotient of 1.0.

Potential cumulative risk and hazard quotients associated with soil gas were calculated using COC concentrations measured in the four most recent VP sampling events for which data were collected and an assumed attenuation factor of 0.03. CalEPA states this attenuation factor is protective of public health under most building occupancy scenarios (CalEPA, 2023). Potential vapor intrusion risk at the Site is predominantly driven by PCE. Five soil vapor probes (VP-1, VP-2, VP-5, VP-6 and VP-9) in one or more of the four most recent sampling events contained combined levels of PCE, TCE, and cis-1,2-DCE that exceed cumulative cancer risk of $1x10^{-6}$ as summarized in Tables 2-6 and 3-1.

Indoor air sampling conducted in 2015 did not indicate unacceptable conditions and no indoor air samples exceeded cumulative cancer risk and hazard quotient of $1x10^{-6}$ and 1, respectively. Indoor air is expected to remain at acceptable levels during operation of the SVE/GASS. However, these indoor air samples were obtained with the SVE/GASS operating, which may have affected the potential for vapor intrusion. At least two rounds of indoor samples to evaluate seasonal variations will be obtained with the SVE/GASS turned off to determine whether vapor intrusion under this condition is a concern.

[8] Risks associated with COCs in groundwater were not calculated because PCE concentrations in selected on-Site monitoring wells are greater than the MCL. USEPA (1993) states "where standards for one or more contaminants in a given medium are clearly exceeded and a removal [or remedial] action is generally warranted, further quantitative assessment is not necessary."

The Stipulated Agreement identifies that an on-Site human health risk assessment (HHRA) will be prepared for the Site. If a HHRA is prepared for the Site, the HHRA will supersede this HHRE.

4.0 FEASIBILITY STUDY–DEVELOPMENT AND SCREENING OF ALTERNATIVES

The feasibility study (FS) portion of this RAP was performed in accordance with CERCLA guidance documents for conducting feasibility studies (USEPA, 1988). RAOs for addressing on-Site conditions are presented in this section. The FS evaluates remedial technologies with respect to effectiveness, feasibility, and relative costs in accordance with the requirements of State Water Resources Control Board Resolution (SWRCB) No. 92-49 Policies and Procedures for Investigation and Cleanup and Abatement of Discharges under Water Code Section 13304 (SWRCB, 1996). The FS evaluates nine evaluation criteria set forth in the NCP and USEPA guidance documents (NCP, 1990; and USEPA, 2003) in accordance with the requirements of SWRCB Resolution 92-49. These nine criteria are divided into three categories: (1) two Threshold Criteria; (2) five Primary Balancing Criteria; and (3) two Modifying Criteria. The nine evaluation criteria are described below:

Threshold Criteria

1. **Overall Protection of Human Health and the Environment.** This criterion addresses whether a remedial alternative is protective of human health and the environment considering long-term and short-term Site-specific characteristics. The remedy's short-term effectiveness, long-term effectiveness and permanence, and ability to reduce chemical toxicity, mobility or volume affect the evaluation under this criterion. This criterion considers the degree of certainty that an alternative can meet the Site-specific remedial action goals;

2. **Compliance with ARARs.** RAOs are developed by considering, among other things, ARARs.

    - Applicable Requirements are cleanup standards, standards of control, and other substantive requirements, criteria or limitations promulgated under federal environmental or state environmental or facility siting laws that specifically address a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance found at a site; and

    - Relevant and Appropriate Requirements are cleanup standards, standards of control, and other substantive environmental protection requirements, criteria or limitations promulgated under federal environmental or state environmental or facility siting laws that, while not "applicable" to a hazardous substance, pollutant, contaminant, remedial action, location or other circumstance found at a site, address problems or situations sufficiently similar to those encountered at the Site that their use is well-suited to the particular site.

ARARs are categorized as chemical-, action-, or location-specific. Chemical-specific ARARs are typically health- or risk-based values that establish the acceptable amount or concentration of a chemical that may be found in, or discharged to, the ambient environment, such as federal or state drinking water standards for specific chemicals. Action-specific requirements generally set performance, design, or other similar action-specific controls related to the management of hazardous substances. An example of an action-specific ARAR is the National Pollutant Discharge Elimination System (NPDES) requirements, which regulate the discharge of pollutants to surface water. Location-specific requirements address restrictions on the nature of activities or the concentrations of hazardous substances solely because they occur in a particular location. Examples of location-specific ARARs include possible requirements associated with remedial activities in areas designated as wetlands, flood plains, or historical sites.

In addition to ARARs, which are regulatory requirements, non-promulgated advisories, or guidance, referred to as "to be considered" (TBC) criteria, have also been identified. TBCs are non-binding criteria, advisories, guidance, and proposed standards that might provide useful information or recommended procedures for developing standards that protect human health and the environment.

ARARs and TBCs have been compiled for this RAP using federal, state, and local statutes, regulations, and guidance and are listed in Table 4-1.

Balancing Criteria

1. **Long-Term Effectiveness and Permanence.** This criterion addresses how well a remedy maintains protection of human health and the environment after the response objectives have been met to the extent feasible. Components to be addressed include the magnitude of residual risk, the adequacy and long-term reliability of institutional controls and containment systems, and potential consequences should the remedy or some portion of it fail;

2. **Reduction of Mobility, Toxicity, or Volume.** Under this criterion, the anticipated amount of the chemical of concern destroyed or treated and the amount remaining at the Site are assessed, along with the degree of expected reduction in chemical mobility, toxicity, or volume;

3. **Short-Term Effectiveness.** This criterion concerns protection of human health and the environment during construction and implementation phase of the remedial action;

4. **Implementability.** This criterion considers both the technical and administrative feasibility of implementation. The criterion also considers the ability to construct and operate remedial facilities, reliability of the technology, ease of undertaking additional remedial actions, ability to monitor remedial effectiveness, and the ability to obtain necessary approvals and permits; and

5. **Cost.** The costs to be assessed include direct and indirect capital costs, and annual operation and maintenance costs.

Modifying Criteria

1. **State Acceptance.** The state acceptance criterion incorporates input from state agencies to modify the alternative selection process. This input can be obtained via formal comments received during the project comment period; and

2. **Community Acceptance.** This criterion addresses input from local citizens and can be obtained through formal comments received during the public comment period on the draft plan and through other means.

4.1 REMEDIAL ACTION OBJECTIVES

This section: (1) discusses the target cleanup goals for soil, soil gas, groundwater, and indoor air; (2) presents criteria for acceptance of remedial action alternatives, identification and analysis of remedial action alternatives considered for the COC-affected soil, soil gas, and groundwater; and (3) recommends a remedial action alternative based on a comparative analysis of alternatives using effectiveness, implementability, and cost criteria.

The RWQCB is the lead agency for the Site. RAOs for the Site are:

- Prevent adverse impact to human health and the environment, and
- Avoid further degradation of groundwater quality and restore impacted groundwater to its beneficial uses in a reasonable timeframe.

Table 4-2 summarizes the target cleanup goals for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride in soil, soil gas, groundwater, and indoor air to ensure RAOs are achieved.

The State Water Resources Control Board (SWRCB) has adopted Resolution No. 92-49, the Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304 (Resolution 92-49). This policy sets forth the policies and procedures to be used during an investigation or cleanup of a polluted site and requires that cleanup goals be consistent with SWRCB Resolution No. 68-16, *Statement of Policy with Respect to Maintaining High Quality of Waters in California* (Resolution 68-16). USEPA also adopted an antidegradation policy (40 CFR Section 131.12). SWRCB Resolution No. 68-16 is similar to the Federal antidegradation policy except that the state policy applies to both groundwater and surface water, and the Federal policy applies only to surface water (SWRCB, 1968). Resolution 92-49 and the Basin Plan for the Lahontan Region establish the cleanup goals to be achieved. Resolution 92-49 requires groundwater and surface water to be cleaned up to background, or if that is not feasible, to an alternative level that is the most stringent level that is economically and technologically feasible in accordance with California Code of Regulations, Title 23, Section 2550.4. The Basin

Plan, which was initially adopted on March 31, 1995, and amended periodically, identifies beneficial uses of groundwater and establishes water quality objectives to protect beneficial uses. The Site lies within the Tahoe Valley South Subbasin of the Tahoe Valley Groundwater Basin of the Lake Tahoe Hydrologic Unit. As set forth in the Basin Plan, the designated beneficial uses for groundwater in the Lake Tahoe Hydrologic Unit include municipal (MUN), agricultural supply (AGR), and industrial service supply (IND) uses. Water quality objectives to protect the beneficial use of MUN that apply to the groundwater at the Site include the "Chemical Constituents and Radioactivity," which incorporates by reference State of California MCLs set forth in Title 22 of the California Code of Regulations. The MCL for PCE and TCE is 5 µg/L; the MCL for cis-1,2-DCE is 6 µg/L; the MCL for trans-1,2-DCE is 10 µg/L; and the MCL for vinyl chloride is 0.5 µg/L.

The groundwater target cleanup goals for the Site are based on applicable drinking water standards in the Basin Plan and are the State of California MCLs for COCs identified at the Site. Cleanup to these goals will protect beneficial uses of groundwater and will result in acceptable residual risk to humans and the environment. Soil target cleanup goals for the Site are intended to prevent leaching of contaminants to groundwater and will result in acceptable residual risks to humans and the environment. Soil gas target cleanup goals for the Site are intended to limit exposure of on-Site workers to VOCs through the vapor intrusion exposure pathway. Achievement of indoor air target cleanup goals will confirm that vapor intrusion into on-Site commercial spaces has been controlled.

Engineered remedial technologies may be coupled with other methods (e.g., monitored natural attenuation) for non-source or inaccessible areas that are not cost effective or not possible to treat to reduce COC concentrations in groundwater to the MCLs within a reasonable timeframe. A reasonable timeframe is not defined by a specific time span, but by effectiveness. USEPA (2014) states if "contaminant concentrations are decreasing in a timely manner and other progress performance metrics are being achieved, then it is likely that the remedial approach is functioning as intended and the remedy is likely to achieve RAOs and cleanup levels in a reasonable timeframe." A reasonable timeframe for restoring groundwater to beneficial uses depends on the circumstances of the site and the restoration method employed (USEPA, 1996b). The most appropriate timeframe must be determined through an analysis of alternatives (USEPA, 1999). As active remediation has practical limitations with respect to the ability to reduce PCE concentrations in groundwater (and associated degradation products TCE, cis-1,2-DCE, and vinyl chloride) to low levels (i.e., the MCLs), in part due to matrix diffusion effects, it is recognized that ongoing monitoring will likely be required after a period of active remediation.

The effectiveness of the remedial action will be monitored over time and soil gas, groundwater, and indoor air quality data generated will be compared to the target cleanup goals. The scope and magnitude of the remedial action may be adjusted based on the performance monitoring data obtained.

4.2 TREATMENT AREAS

The pattern of PCE concentrations detected in soil, soil gas, and groundwater samples suggests release of PCE occurred on-Site. The following sections provide a discussion of the impacts in each media related to the releases and subsurface conditions in saturated soil that could affect the effectiveness, implementability, and cost of remedial actions.

4.2.1 Soil

The highest concentrations of PCE have been detected in soil in the area around groundwater monitoring well LW-MW-1S. Lesser impacts have been identified in the area (borings SB-6b, SB-11, SB-13, and SB-16) immediately adjacent to the north side of the on-Site tenant space that was occupied by the LTLW. The areas around LW-MW-1S and adjacent to the north side of the tenant space as well as the area north of the Site building bounded by Lake Tahoe Boulevard, driveways on the northwest corner of the Site, and the driveway aligned with the east edge of the Site building, have been subject to remediation by the SVE/GASS.

4.2.2 Soil gas

Elevated levels of PCE have been measured in soil gas in four VPs (VP-1, VP-2, VP-6, and VP-9) and VE-2 during the four most recent quarterly sampling events (Table 2-6). PCE has not exceeded 67 µg/m³ over the last four events at VP-5 (maximum detection at 59.7 µg/m³) although the cumulative risk exceeds a $1x10^{-6}$ when TCE at 14.8 µg/m³ is taken into account. The area occupied by these VPs has also been subject to the ongoing remediation of the vadose zone by the SVE/GASS.

4.2.3 SZA and MZA Groundwater

The SZA extends vertically from ground surface to 30 feet bgs. NV5 identified the area of concern as approximately 3,500 square feet in the SZA based on data collected between April 2022 and September 2023 with a targeted treatment depth interval for the SZA from 12 feet bgs to 32 feet bgs as depicted on Figure 4-1. NV5 designated primary treatment areas for the SZA at locations centered on LW-MW-1S and immediately adjacent to the Site building with a contingent treatment location in the downgradient direction of groundwater flow from LW-MW-1S. The MZA extends vertically from 30 feet bgs to 60 feet bgs. NV5 identified the area of concern as approximately 1,250 square feet in the MZA with a targeted treatment depth interval of 25 to 60 feet bgs. The MZA primary and contingent treatment areas designated by NV5 are depicted on Figure 4-2. Actual areas to be treated will be based on rebound testing that will identify locations where COCs are unlikely to decrease to concentrations less than MCLs in a reasonable timeframe.

PCE was detected at concentrations above the cleanup goal at least once over the past four quarterly sampling events in groundwater samples collected from SZA wells LW-MW-5S and LW-MW-9S. However, during the 1Q25 sampling event, PCE was not detected in any SZA wells above cleanup goals, but might rebound if the GASS is turned off.

As summarized in Table 2-7, PCE has been consistently detected at the highest concentrations within the MZA in well LW-MW-1D, with the highest PCE detection at 23.2 µg/L in the last four quarterly sampling events, and 13.3 µg/L in March 2025. Three borings were advanced in the area of LW-MW-1D. Two borings were completed during installation of monitoring wells LW-MW-1S/1D and LW-MW-2S/D in July 2008, and one boring LTLW-SB-1 was completed during a groundwater investigation in October 2017 (EKI, 2019a). The boring locations are shown on Figure 4-1 and boring logs are included in Appendix A.

As shown on the boring lithologic logs, layers of silt with interbedded sandy exist at variable depths between approximately 25 and 34 feet bgs. These silt layers separate the SZA and MZA in this area.

The lithologic log for LW-MW-1S/1D recorded elevated photoionization detector (PID) readings for VOCs (ranging from 50 parts per million by volume [ppmv] at 54 feet bgs to 950 ppmv at 41 feet bgs) through 30 feet bgs to the bottom of the borehole at 57 feet bgs. E_2C collected a soil sample at 7 feet bgs from the borehole for monitoring well LW-MW-1S that contained PCE ranging from 410 mg/kg to 532 mg/kg, which supports the finding that a PCE surface release took place near this location (E_2C, 2008). PCE concentrations were low in soil samples collected deeper than 7 feet bgs by E_2C in 2008. PCE was detected at 0.26 mg/kg at 26 feet bgs, 0.33 mg/kg at 38 feet bgs, and was not measured above the laboratory reporting limit of 0.05 mg/kg at 52.5 feet bgs in soil samples obtained from the borehole for well LW-MW-1S. The lithologic log for LW-MW-2S/2D recorded elevated PID readings for VOCs (ranging from 390 ppmv at 11 feet bgs to 1,350 ppmv at 28 feet bgs) through 30 feet bgs to the bottom of the borehole at 50.5 feet bgs. PCE concentrations were low in soil samples collected from the borehole for monitoring well LW-MW-2S and detected PCE ranging from 0.33 mg/kg to 0.266 mg/kg at 10 feet bgs, 0.12 mg/kg at 16 feet bgs, 0.14 mg/kg at 31 feet bgs, and was not measured above the laboratory reporting limit of 0.05 mg/kg at 43 feet bgs in soil samples obtained from the borehole for well LW-MW-2S.

Additional assessment of this area was conducted in 2017 through sampling of borehole LTLW-SB-1. The lithologic log for LTLW-SB-1 indicated relatively low PID readings up to 0.2 ppmv at 25 to 30 feet bgs. These findings were confirmed by MIP testing conducted at this suspected source area (i.e., LTLW-GW-1) as part of the Phase I Off-Site Groundwater Investigation. The response recorded by the halogen specific detector (XSD) associated with the MIP test indicates the presence of CVOCs at depth largely between 10 and 13 feet bgs. The presence of COCs between 10 and 13 feet bgs coincides with the top of the saturated zone or water table beneath the Site (Table 2-2). Well LW-MW-1D is screened at a depth interval of 40 to 50 feet bgs, and well LW-MW-2D is screened at a depth interval of 39.5 to 49.5 feet bgs. With these data, the targeted treatment depth interval for the MZA is determined to be 25 to 60 feet bgs.

4.3 REMEDIAL TECHNOLOGY SCREENING

SVE is the presumptive remedy for vadose zone soil impacted by VOCs. Use of the presumptive remedy approach eliminates screening remedial technologies for soil because USEPA has already

conducted them on a generic basis (USEPA, 1994). Only the "no action" alternative and presumptive remedy alternative require further consideration under the NCP (USEPA, 1996a). Akin to designation as a presumptive remedy, the Department of Toxic Substances Control (DTSC) has determined SVE is a Proven Technologies & Remedies (PT&R) alternative for CVOCs in vadose zone soil. The PT&R approach also simplifies the remedy screening, evaluation, and selection process. DTSC has performed an analysis of SVE against the NCP nine evaluation criteria and concludes this analysis "may be used in lieu of a site-specific initial screening evaluation for sites undergoing the streamlined PT&R approach, provided that the use of the PT&R screening evaluation is cited in the administrative record" (DTSC, 2010).

Groundwater remedial technologies were screened with respect to effectiveness, feasibility, and relative costs. Based on this initial screening, the remedial technologies were either retained or rejected. The initial screening of remedial technologies for the Site source areas is presented in Table 4-3. The remedial technologies retained from the initial screening were assembled into remedial alternatives for evaluation in the detailed analysis of alternatives.

4.3.1 Groundwater Remedial Technologies Screening

Groundwater VOC remedial technologies can be generally categorized into two types: (1) ex-situ treatment technologies; and (2) in-situ treatment technologies. The treatment technologies are screened against the following three criteria:

- Effectiveness: The ability of the technology to address the COCs in a reasonable timeframe and the reliability of it;
- Implementability: The technology should be compatible with Site-specific conditions and feasible to implement at the Site; and
- Cost: The direct and indirect capital and operations and maintenance (O&M) cost of the technology.

4.3.1.1 Ex-Situ Treatment Technologies

Ex-situ treatment technologies for groundwater require removal and collection of groundwater from the subsurface for treatment. These technologies involve using horizontal or vertical wells to remove groundwater from the subsurface for ex-situ treatment. Liquid-phase granular activated carbon adsorption is often used for treatment of VOCs after groundwater is extracted from the subsurface.

Groundwater extraction via batch pumping has been performed at the Site for the SZA. Although the groundwater batch pump activities (conducted on September 22 through October 24, 2017) were able to reduce PCE concentrations in groundwater immediately after the pumping activities, rebound of PCE concentrations occurred, particularly in wells LW-MW-1S/1D (E_2C, 2017; PES, 2021). PCE in well LW-MW-1S was reduced from 95 µg/L (September 22, 2017) prior to pumping to 14 µg/L (November 3, 2017) after pumping; however, PCE was detected in this well at

concentrations up to 110 µg/L in 2018. Concentrations have decreased in LW-MW-1S due to the continued operation of the SVE/GASS. Although pumping was only conducted in SZA wells, PCE in MZA well LW-MW-1D was also reduced from 210 µg/L (September 27, 2017) after five days of pumping in the SZA to 7.3 µg/L (November 3, 2017); however, PCE was detected in this well at 430 µg/L in December 2017. Appendix A contains the summary of pre- and post-batch pumping analytical data.

While the ex-situ pump and treat remedial technology has been proven to have effectively remove VOC mass from groundwater, it is not considered to have the ability to address potential VOC rebound and to achieve target cleanup goals established for the LTLW. Therefore, ex-situ treatment technologies are not retained for further consideration for groundwater remediation at the Site.

4.3.1.2 IN-SITU TREATMENT TECHNOLOGIES

In-situ treatment technologies for VOC-impacted groundwater generally include GASS, ISCO, enhanced in-situ biological (EISB) treatment, and in-situ chemical reduction (ISCR). These technologies are discussed further below.

4.3.1.2.1 Groundwater Air Sparging

GASS, while an *in-situ* technology, is typically used in conjunction with SVE. SVE is employed to remove VOCs transferred from the aqueous phase dissolved in groundwater to the vapor phase within the vadose zone. Groundwater air sparging is not considered feasible within the MZA because VOCs cannot be efficiently transferred to the vadose zone due to the presence of a silt layer acting as a partial barrier separating the MZA from the SZA, thereby minimizing capture of VOCs by the SVE system. Therefore, GASS is not retained as a remedial alternative for the MZA but can be used to enhance remediation of the SZA. The SVE/GASS is retained for use in the SZA until the recommended remedial action is implemented.

4.3.1.2.2 In-Situ Chemical Oxidation

ISCO technologies rely on the delivery of chemical oxidants to contaminated media for the ISCO reagent to have direct contact with the organic contaminants. With sufficient contact time with the organic compounds, chemical oxidants may be capable of converting the VOC mass to carbon dioxide and water and ultimately irreversibly reduce concentrations of VOCs in soil and groundwater. The oxidants are typically delivered into the subsurface environment using direct-push injection techniques. ISCO is predominantly used to address contaminants in the source area saturated zone and capillary fringe. ISCO technologies are commonly employed to treat smaller source areas where the contaminant mass is more concentrated.

ISCO technologies are aggressive and typically short- to medium-term and may be effective for source reduction. The duration of effectiveness of ISCO reagents, once delivered to the subsurface, generally varies from a few days to a few months, depending on ISCO reagents selected and site-specific conditions. Multiple rounds of application would likely be required to achieve the target cleanup goals.

ISCO was conducted at the Site in the vadose zone and SZA in November 2019. The ISCO pilot test achieved significant reduction in VOC concentrations in soil gas; however, the VOC reduction in groundwater was less than expected, likely due to the declining water levels relative to the mass of PCE contained within the capillary fringe soil which affected contact of the $KMnO_4$ solution with PCE in the capillary fringe (E_2C, 2020).

As discussed previously, the areas of concern potentially warranting remedial action are limited portions of the SZA and MZA (see Figures 4-1 and 4-2), which is approximately 3,500 square feet and 1,250 square feet, respectively. Due to the limited areas and the successful (although limited) ISCO event performed in 2019, ISCO is considered implementable and a modest cost is anticipated, although multiple rounds of injection may be warranted that can increase the overall cost. Due to the presence of the low-permeability layer between 25 and 34 feet bgs, the mass of the ISCO injectant would need to be increased to address the lower permeability of the silts in this depth interval. Accordingly, ISCO injections in the SZA would occur at 12 to 32 feet bgs and the injections in the MZA would occur at 25 to 60 feet bgs, providing additional injectant within the depth of the low-permeability layer. Despite additional injectant mass within the low-permeability layer, direct contact of the ISCO injectant with the COCs may be reduced and additional injections may be required as noted above. Typically, post-ISCO application groundwater monitoring is conducted to demonstrate the cleanup goals are met or can be met within a reasonable timeframe. This technology is retained for further consideration and remedial alternative development.

4.3.1.2.3 Enhanced In-Situ Biological Treatment

Highly chlorinated VOCs, such as PCE and TCE, biodegrade primarily under anaerobic conditions. EISB of chlorinated ethenes involves stimulation of microorganisms to convert chloroethene contaminants to less harmful compounds. EISB treatments are often enhanced by biostimulation (stimulate the activity of microorganisms already present in the subsurface) and/or bioaugmentation (add selected microorganisms to the treatment area). The term EISB and enhanced reductive dechlorination (ERD) are often used interchangeably as EISB is the technology and ERD is the mechanism employed by the technology.

If designed properly, EISB may be intended to serve as a “polishing stage” for VOC contaminations (ITRC, 1998). During anaerobic biodegradation of chlorinated ethenes, sequential removal of chloride ions is generally observed. Figure 4-3 demonstrates the ERD mechanism for dechlorination of PCE to TCE to cis-1,2-DCE or trans-1,2-DCE to vinyl chloride, and finally to the end degradation product, ethene. During ERD, an electron donor is utilized to create anaerobic conditions through fermentation reactions. As the electron donor is utilized, first oxygen,

then nitrate, then manganese (IV), iron (III), sulfate, and finally carbon dioxide[9] are depleted (i.e., used as an electron acceptor; Air Force Center for Environmental Excellence, 2004). When sulfate-reducing conditions are achieved, CVOCs are generally also degraded.

The oxidation-reduction potential (ORP) of groundwater collected from MZA well LW-MW-1D in the primary area of concern during First Quarter 2021 (NV5, 2023b) was 209 millivolts (mV), indicating aerobic conditions that are unfavorable for ERD of PCE in this area. However, amendments, such as iron products, i.e., ferrous iron and zero-valent iron (ZVI), can be added to the subsurface to create reducing conditions and stimulate ESD (Shi, et al., 2011).

Anaerobic EISB works by applying electron donors to the subsurface, typically via direct-push injections. Unlike ISCO technologies which usually have relatively short-term effectiveness once injected to subsurface, EISB promotes bacterial growth and usually has a much longer lifespan for up to multiple years and is not dependent upon direct contact of the injected reagents and COCs. Typically, groundwater is monitored post EISB application until the target cleanup goals are met or the monitoring results indicate the target cleanup goals can be met within a reasonable timeframe.

With the limited areas of concern (see Figures 4-6 and 4-7) and sands and silty sands subsurface conditions, EISB technology is considered effective, relatively easy to implement, and cost-effective. Due to the presence of the low-permeability layer between 25 and 34 feet bgs, the mass of the EISB injectant would need to be increased to address the lower permeability of the silts in this depth interval. Accordingly, EISB injections in the SZA would occur at 12 to 32 feet bgs and the injections in the MZA would occur at 25 to 60 feet bgs, providing additional injectant within the depth of the low-permeability layer. With that understanding, this technology is retained for further consideration and remedial alternative development.

4.3.1.2.4 In-Situ Chemical Reduction

ISCR technology can utilize a form of zero-valent iron (ZVI) or other compound to degrade CVOCs solvents through an abiotic reductive process. During contact with reducing environment created by the ZVI, CVOCs degrade to nontoxic end products ethylene (or ethene; see Figure 4-3). This abiotic process oxidizes (corrodes) the ZVI and reduces the dissolved CVOCs. The process induces highly reducing conditions that promote substitution of a chloride atom with a hydrogen atom in the CVOC molecules (same as the process during biodegradation reactions; ITRC, 2011).

ISCR can be implemented alone but is often combined with organic substrates so that both abiotic and biological reduction of contaminants take place. ZVI is available in many sizes and can be used in a permeable barrier or can be injected directly into subsurface. ISCR technology is considered effective, relatively easy to implement, and cost-effective. With the limited areas of concern (see Figures 4-8 and 4-9) and sands and silty sands subsurface conditions, this technology

[9] The degradation of carbon dioxide under anaerobic conditions is known as methanogenesis as methane is the by-product.

is retained for further consideration and remedial alternative development. Due to the presence of the low-permeability layer between 25 and 34 feet bgs, the mass of the ISCR injectant would need to be increased to address the lower permeability of the silts in this depth interval. Accordingly, ISCR injections in the SZA would occur at 12 to 32 feet bgs and the injections in the MZA would occur at 25 to 60 feet bgs, providing additional injectant within the depth of the low-permeability layer.

4.3.1.2.5 Summary of In-Situ Treatment Technologies Evaluation

In-situ treatment technologies for VOC-impacted groundwater evaluated include GASS, ISCO, EISB treatment, and ISCR. GASS was not retained as a remedial alternative for the MZA due to the presence of low-permeability layer separating the MZA from the SZA thereby preventing or minimizing capture of the VOCs by the SVE system. However, SVE/GASS is retained for use in the SZA until the recommended remedial action is implemented. ISCO, EISB, and ISCR are all retained as remedial alternatives as these are all considered effective at reducing VOC mass, relatively easy to implement, and cost-effective. Due to the presence of the low-permeability layer separating the MZA from the SZA, the mass of the injectants would be increased within the depth range of the low-permeability layer.

5.0 ALTERNATIVE EVALUATION AND SELECTION

This section discusses the identification and analysis of the remedial action alternatives considered for the COC source areas at the Site, and recommends an alternative based on a comparative analysis of alternatives using effectiveness, feasibility, and cost criteria.

5.1 IDENTIFICATION AND DESCRIPTION OF REMEDIAL ACTION ALTERNATIVES

Based on the RAOs and potential VOC treatment areas identified, the following four alternatives were developed for COC-affected media at the Site:

- **Alternative 1: No Action.** This alternative is included to establish baseline for remedial alternative evaluation and comparative analysis;
- **Alternative 2: ISCO.** GASS shut down and rebound testing prior to injection of potassium permanganate.
- **Alternative 3: Anaerobic EISB and ISCR with ZVI.** GASS shut down and rebound testing prior to injection of EISB reagents, e.g., 3DME®, ISCR agent S-MZVI®, and BDI Plus®, products of Regenesis Remediation Services (RRS); and
- **Alternative 4: ISCR and VOC sequestration.** GASS shut down and rebound testing prior to ISCR reagents, e.g., S-MZVI®, Plumestop™ and BDI Plus®.

Soil gas, groundwater, and indoor air monitoring would also be performed as part of Alternatives 2, 3, and 4 until target cleanup goals are met. The remedial action alternatives are described in more detail in the following subsections.

5.1.1 Alternative 1 - No Action

Under the no-action alternative, no remedial action will be conducted, and the COCs would be left in groundwater without being monitored. The existing Site SZA and MZA groundwater monitoring wells would need to be destroyed under permit. The SVE/GASS would not be monitored, and the system would be decommissioned.

This alternative is included to establish baseline for comparative analyses of the other remedial alternatives, and the associated cost has been estimated at $290,000 for monitoring well destructions and preparation of a report summarizing this work.

5.1.2 Alternative 2 – ISCO

Prior to injections, the GASS would be turned off and rebound testing conducted to refine the locations for groundwater treatment. Additional monitoring wells would be installed in accordance with WDRs, if needed, to evaluate groundwater quality upgradient, within, and at compliance points outside (i.e., downgradient) of the treatment zone and within the transition zone. Consistent with the ISCO approach conducted at the Site in November 2019, for this alternative, potassium permanganate ($KMnO_4$) would be selected as the ISCO reagent for the SZA and MZA

groundwater remediation at the Site. The stoichiometric reaction of $KMnO_4$ and the primary COC in groundwater at the Site, i.e., PCE (C_2Cl_4), is shown as below:

$$4KMnO_4 + 2C_2Cl_4 + 4H_2O \rightarrow 6CO_2 + MnO_2 + 4K^+ + 12Cl^- + 8H^+$$

For remedial alternative evaluation in this RAP, use of Carus Remediation LLC (Carus) product RemOx S® ISCO reagent, granular crystalline with greater than or equal to 98.8% $KMnO_4$, is assumed. RemOx S® is specifically manufactured for environmental applications such as remediation of soils and associated groundwater. The longevity of RemOx S® in the subsurface can vary from weeks to a few months, depending on site-specific factors, such as natural oxidant demand (NOD) and groundwater velocity.

Quarterly groundwater monitoring would consist of sampling on-Site wells. Prior to reagent injection, baseline groundwater samples would be collected and analyzed for the following:

- VOCs using USEPA Test Method 8260B;
- Dissolved metals using USEPA Test Method 6010;
- Hexavalent Chromium (Cr[VI]) using USEPA Test Method 7199; and
- Total dissolved solids (TDS).

Groundwater geochemical parameters, including dissolved oxygen (DO), conductivity, ORP, temperature, and pH also will be measured during sampling.

Potential treatment areas are illustrated on Figures 4-4 and 4-5. A California licensed C-57 driller would advance the injection boreholes and inject the reagents. Permits for the drilling and injections will be obtained from the EDCDEM. The RWQCB's Waste Discharge Requirements (WDRs) for in-situ and ex-situ groundwater remediation projects will be met and additional wells will be installed to comply with the requirement, if needed. Based on the approximate area of 3,500 square feet for the SZA area of concern, the target treatment depth of 12 to 30 ft bgs, and the 1,250 square feet of MZA area of concern, the target treatment depth of 25 to 60 ft bgs, NV5 calculated that approximately 3,862 pounds of RemOx S® would be required to treat all potential areas of concern, assuming the Site-specific NOD at the Site is 1.0-gram RemOx S® per kilogram of soil.

The November 2019 ISCO injection assumed an ISCO injection radius of influence (ROI) in the SZA zone at 25 to 50 feet (E_2C, 2019). A ROI of 15 feet is assumed for MZA for the proposed ISCO injections. NV5 estimated approximately 62 injection points would provide enough coverage for all potential areas of concern.

The injection procedure would involve batch mixing RemOx S® as granular crystalline form with potable water in poly tanks to a 2% solution. A total of approximately 22,360 gallons of reagent solution would be injected through the 62 injection points. When thoroughly mixed, the caustic permanganate solution would be injected through a stainless-steel manifold equipped with a flow

meter and pressure gauges. A stainless-steel positive displacement pump with permanganate-compatible material would be used. Each of the 62 injection boreholes would receive approximately 13 gallons of reagent solution per foot. Actual areas to be treated would be identified by rebound testing.

As injection proceeds, water levels and geochemical parameters pH, conductivity, DO, ORP, and visual observation would be measured in on-Site wells to monitor for increases in water levels and evidence of reagent spreading. After injection, the boreholes would be properly grouted or sealed and the ground surface would be restored to match pre-drilling conditions.

Post-ISCO injections, VOCs and water geochemical parameters, including pH, conductivity, DO, and ORP, would be measured on a weekly basis at on-Site wells until baseline conditions are restored. Return to baseline conditions is anticipated to take one month. After the baseline conditions are achieved, post-injection performance monitoring would be reduced to monthly for a period of three months.

Following implementation of the remedial action, a report would be prepared and submitted to the RWQCB to document the implementation of the remedial action. The report would include copies of permits acquired for the remediation, tabulated summary of injection volumes, boring logs, well construction diagrams, and other work conducted, if any.

Three monthly groundwater and soil gas sampling events would be conducted following ISCO injections. Afterward, groundwater would be monitored on a quarterly basis, with potential modifications to semi-annual or annual frequency, as appropriate, until target cleanup goals for groundwater and soil gas are met. According to USEPA, the monitoring network normally should be evaluated at an appropriate frequency and spatial density during the remedial action to ensure adequate and accurate evaluation of contaminant concentration changes over time (USEPA, 2013). The cost for Alternative 2 is evaluated based on one baseline event, three monthly events, and four quarterly events.

Either before or following the injections, indoor air sampling would be performed with the SVE system turned off. At least two rounds of indoor air sampling would be conducted with the SVE system turned off for at least one month to evaluate seasonal variations and assess for potential increases in COC concentrations. If indoor air data demonstrate COC concentrations are less than target cleanup goals and the SVE system is not required to protect occupants of on-Site commercial spaces from vapor intrusion, the SVE system would be permanently shut down. If measured indoor air COC concentrations are above target cleanup goals, the SVE system would be turned back on, and indoor air would be tested again. If the results are below target cleanup goals with the SVE system running, the system would continue to run until subsequent indoor air testing (at least two sampling rounds conducted to assess seasonal variations) conducted without the SVE system operating for at least one month demonstrate that target cleanup goals for indoor air have been met under those conditions. If indoor air data are above target cleanup goals with the SVE system running, additional measures would be undertaken, e.g., active sub-slab depressurization.

Indoor air testing would be conducted annually if: (1) COCs in soil gas samples increase to concentrations greater than those measured when the SVE was shut down and those soil gas COC concentrations exceed target cleanup goals or soil gas concentrations based on a Site-specific attenuation factor calculated during indoor air sampling rounds; or (2) protection of on-Site tenants has not yet been demonstrated with the SVE turned off.

It is recognized that additional injections may be required due to the relatively short-lived ISCO reagent nature once delivered to the subsurface; however, only one injection event is assumed. It is also assumed for cost estimating purposes that quarterly reports summarizing sampling events would be submitted for two years at which time cleanup of the Site is determined to be complete.

After remediation is complete, existing Site SZA and MZA groundwater monitoring wells would need to be destroyed under permit and the inactive SVE/GASS system would be decommissioned.

The total cost of this alternative has been estimated to be approximately $2,530,000 (single application and additional application will likely be required), as presented in Table 5-1. Actual costs will depend on the results of the groundwater rebound testing data.

5.1.3 Alternative 3 – Anaerobic EISB and ISCR with ZVI

Alternative 3 consists of injecting EISB reagents, e.g., 3DME®, ISCR agent S-MZVI®, and BDI Plus®, products of Regenesis Remediation Services (RRS) or equivalent. Prior to injections, the GASS would be turned off and rebound testing conducted to refine the locations for groundwater treatment. Additional monitoring wells would be installed in accordance with WDRs, if needed, to evaluate groundwater quality upgradient, within, and at compliance points outside (i.e., downgradient) of the treatment zone and within the transition zone. A clear water test and passive flux meter (PFM) study, will be conducted, if needed, to verify design parameters.

3DME® is a pH neutral, factory-emulsified, multi-stage (immediate, mid-range and long-term) controlled release electron donor, which consists of a colloidal suspension to enhance distribution in the subsurface. 3DME® is composed of molecules that are surface active and once mixed with water, the dissolved molecules of 3DME® will group into forms of micelles of approximately 0.02 to 0.05 microns in diameter. The micellar groupings have charged or hydrophilic ends (heads) and hydrophobic ends (tails). This structure provides 3DME® the advantage of being able to sorb organic contaminants yet have a significant solubility in water allowing for aqueous transport, once applied to the subsurface. This characteristic also provides additional overlapping coverage of reagent distribution after injection. Due to its slow-release nature, a high utilization of the electron donor for reductive dechlorination is achieved (rather than simply providing excess carbon per unit time which can result in excessive methane production).

Groundwater data indicate that the current SZA and MZA groundwater condition at the Site is aerobic. Therefore, an RRS ZVI product, S-MZVI®, would be co-applied to amend the subsurface condition to anerobic to facilitate PCE degradation. In addition, the added S-MZVI® will act as an iron source and promote ISCR reactions while deoxygenating the groundwater condition and

enhancing anerobic biodegradation of the COCs. The characteristics of S-MZVI® are discussed in detail in Section 5.1.4 where it is introduced as the primary ISCR reagent for Alternative 4.

BDI Plus® is an enriched, natural microbial consortium containing species *of Dehalococcoides sp.* (DHC) that are capable of completely dechlorinating chlorinated solvents during in-situ anaerobic bioremediation processes.

Quarterly groundwater monitoring will consist of sampling all on-Site wells for VOCs using test method USEPA 8260B. Samples collected during b, post injection and quarterly groundwater monitoring of on-Site wells will be additionally analyzed: for the following chemical analyses::

- Competing electron acceptors, i.e., nitrate (as nitrogen) and sulfate, using USEPA Test Method 300.0;
- Total dissolved solids;
- Total iron and ferrous iron using USEPA 200.8 and SM 3500; and
- Dissolved gases, i.e., methane, ethane, ethene and carbon dioxide using RSK 175.

Groundwater geochemical parameters, including DO, conductivity, ORP, temperature, and pH would also be measured during sampling.

Regenesis estimated a total of 40 direct-push injection points would be required to deliver and distribute the anaerobic EISB and ISCR reagents into the SZA and MZA to the target depth interval at 12 to 60 feet bgs at all potential areas of concern. A California licensed C-57 driller would advance the injection boreholes and inject the reagents. Permits for the drilling and injections would be obtained from the EDCDEM. The RWQCB's WDRs for in-situ and ex-situ groundwater remediation projects would be met. SVE operation and monitoring and indoor air sampling would be the same as described in Alternative 2. In addition, methane monitoring of soil gas would be performed monthly for three months and quarterly for one year and the SVE system would be reactivated if needed to reduce methane generated by ERD (i.e., methane present in soil gas at levels greater than 5 percent by volume [% by vol.]). DTSC sets the methane concentration limit within indoor air at 500 ppmv (DTSC, 2012) and the U.S. Department of Interior recommends the following action levels for methane in soil gas: Monitor to determine concentration trends - <3.0% by vol. but >1.0% by vol.; Warning, Investigate - >3.0% by vol. but <5.0% by vol.; and Immediate Action - >5.0% by vol. (U.S. Department of Interior, 2001).

Regenesis has calculated that approximately 20,000 pounds of 3DME®, , 14,000 pounds of S-MZVI®, and 91 liters of BDI Plus® would be required to treat all potential areas of concern. The injection locations are presented on Figures 4-6 and 4-7. To treat these entire areas, approximately 38,276 gallons of potable water would be required to mix the EISB and ISCR reagents. The total injection volume would be approximately 41,600 gallons, or approximately 40 gallons per foot at each of the 40 injection points. Actual reagent and water volumes required would be based on rebound testing. As injection proceeds, water levels would be monitored in on-Site wells to check

for increases in water levels and evidence of reagent spreading and surfacing of reagents. After injection, the boreholes would be properly grouted or sealed and ground surface at the work area would be restored to match pre-existing conditions.

After the remediation is complete, existing Site SZA and MZA groundwater monitoring wells would need to be destroyed under permit and the inactive SVE/GASS system would be decommissioned.

Monitoring and reporting would be conducted at the same frequency as Alternative 2 and the same assumptions for cost estimating purposes as Alternative 2 apply, with the addition of the potential need for PFM testing. The total cost of this alternative to treat all potential areas of concern has been estimated to be approximately $2,820,000, as presented in Table 5-1. Actual costs will depend upon the results of groundwater rebound testing data.

5.1.4 Alternative 4 –ISCR with S-MZVI® and VOC Sequestration with PlumeStop™

Concentrations of PCE in groundwater might increase (i.e., rebound) following cessation of the GASS active remediation. As on-Site groundwater has currently met cleanup goals with the exception of PCE at 13.3 µg/L and vinyl chloride at 0.570 µg/L in MZA LW-MW-1D, prior to conducting ISCR, groundwater sampling will be conducted with the GASS system turned off to evaluate groundwater conditions following adequate time for conditions to equilibrate. Based on estimated retardation factors and groundwater velocity, rebound testing would be conducted at 1 month after GASS shutdown for early detection of rebound; 2 months after GASS shutdown to confirm any rebound trend; and 3-4 months after GASS shutdown to evaluate mass transport by groundwater advection. The resulting data will be used to establish the extent to which SVE/GASS has been effective in reducing concentrations of COCs and determine where additional treatment by ISCR and VOC sequestration is required. SVE will remain operational to continue remediating vapors in the vadose zone.

To the extent that groundwater rebound testing indicates cleanup goals have not been met and will not be attained within a reasonable timeframe, RRS' ISCR reagent S-MZVI® for ISCR and PlumeStop™ for VOC sequestration, or equivalent chemical products would be used for groundwater treatment as Alternative 4. S-MZVI® is sulfidated and has less side reaction with water, enhanced reactivity with chlorinated solvents, and increased longevity than unsulfidated ZVI (Gu, et al., 2017). The reaction of water with ZVI (also known as a corrosion reaction) forms hydrogen (H_2) and is considered to be a competing natural reductant demand process. The reaction of water with ZVI can cause the formation of a passive (or oxidized) layer on the ZVI which negatively affects ZVI reactivity and longevity. With sulfidation, the ZVI is surface-treated with a reduced sulfur species and thus, the side reaction with water is minimized (RRS, 2019). ZVI sulfidation forms iron sulfides on the particle surface to favor the degradation of VOCs rather than the reduction of water.

Micron-sized ZVI is easier to inject than larger sizes of ZVI and avoids the clumping associated with nano-sized ZVI. The micron-sized ZVI is suspended in a colloidal solution to allow the

solution to be dispersed into the formation without fracturing or mechanical mixing in the subsurface.

PlumeStop™ is a highly dispersible, fast-acting, sorption-based sequestrant technology (i.e., activated carbon) which captures (sorbs) and concentrates dissolved-phase contaminants. PlumeStop™ was designed to inhibit spreading of plumes, to protect sensitive receptors, or to prevent migration. PlumeStop™ can also control rebound associated with low-permeability formations and matrix back-diffusion. The product has only been commercially available for approximately six years, and thus, the longevity of its effectiveness has not yet been completely demonstrated. However, the vendor has estimated a ten-year effective timeframe for the reagent.

Quarterly groundwater monitoring will consist of sampling all on-Site wells for VOCs. Samples collected during baseline, post-injection and quarterly groundwater monitoring of on-Site wells will be additionally analyzed for: nitrogen and sulfate using EPA 300, TDS, total iron using EPA 200.8, ferrous iron using Standard Method (SM) 3500 and methane, ethane, ethene, and carbon dioxide using RSK 3500. Groundwater geochemical parameters, including DO, conductivity, ORP, temperature, pH would also be measured during sampling.

Possible treatment areas are illustrated on Figures 4-8 and 4-9, which are the same as those for Alternative 3. Regenesis has estimated that a total of 84 direct-push injection points would be required to deliver and distribute ISCR plus PlumeStop™ reagents into the SZA and MZA target depth interval of 12 to 60 feet bgs at all potential areas of concern. Actual locations, spacings, and reagent masses to be injected would be determined based on trends of groundwater rebound testing data before and after each phase of injections.

A California licensed C-57 driller would advance the injection boreholes and inject the reagents. Permits for the drilling and injections will be obtained from the EDCDEM. The RWQCB's WDRs for in-situ and ex-situ groundwater remediation projects would be met. SVE operation and monitoring and indoor air sampling would be the same as described in Alternative 2. In addition, methane monitoring of soil gas would be performed and the SVE system would be reactivated if needed to reduce methane produced by ERD as discussed under Alternative 3. Regenesis calculated that 7,500 pounds S-MZVI®, 38,000 pounds of PlumeStop™ and 18 pounds of BDI Plus® would be required to treat all potential areas of concern. The injection locations are presented on Figures 4-8 and 4-9.

To treat these entire areas, approximately 87,535 gallons of potable water is required to mix the ISCR reagents. The total injection volume would be approximately 92,248 gallons, with approximately 41 gallons per foot at each of the 84 injection points. As injection proceeds, water levels would be monitored in on-Site wells to check for increases in water levels and evidence of reagent spreading and surfacing. After injection, the boreholes would be properly grouted or sealed and the ground surface at the work area would be restored to match pre-existing conditions.

After remediation is complete, existing Site SZA and MZA groundwater monitoring wells would need to be destroyed under permit and the inactive SVE/GASS system would be decommissioned.

Monitoring and reporting would be conducted at the same frequency as Alternative 3 and the same assumptions for cost estimating purposes as Alternative 3 apply. The total cost of this alternative has been estimated to be approximately $3,030,000, as presented in Table 5-1.

5.2 Alternative Evaluation Criteria

The identified remedial action alternatives are evaluated against three broad criteria: effectiveness, feasibility, and cost, as described in the SWRCB Resolution No. 92-49 (SWRCB, 1996), which is consistent with USEPA guidance (USEPA, 2003).

5.2.1 Effectiveness

The effectiveness of an alternative refers to its ability to meet the objective within the scope of the remedial action. USEPA guidance requires that effectiveness be evaluated in terms of: (1) overall protection of human health and the environment; (2) compliance with regulatory requirements; (3) long-term effectiveness and permanence; (4) reduction of toxicity, mobility, or volume through treatment; and (5) short-term effectiveness.

5.2.2 Feasibility

USEPA guidance requires the feasibility (aka implementability) evaluation of an alternative to consider: (1) the technical feasibility of the alternative; (2) the administrative feasibility; (3) the availability of necessary services and materials to support the alternative; and (4) State and community acceptance (also known as Modifying Criteria in the NCP). Feasibility includes the ability to: (1) design and perform a remedial alternative; (2) obtain services and equipment; (3) monitor the performance and effectiveness of technologies; (4) obtain necessary permits and approvals from various oversight agencies; and (5) obtain acceptance by the State and the community.

5.2.3 Cost

USEPA guidance requires the cost of an alternative be evaluated based on capital costs, costs for post-removal site control (PRSC), and present worth cost. The PRSC costs include operation and maintenance, auxiliary materials and energy, disposal of residuals, groundwater monitoring, and support costs. The actual costs will depend on true labor and material cost, competitive market conditions, final project scope and the implementation schedule. The cost evaluations are considered to be accurate to plus 50% or minus 30%.

5.3 Comparative Analysis of Remedial Action Alternatives

This section presents a comparative analysis of alternatives (Alternatives 1, 2, 3 and 4) to evaluate the relative performance of each alternative in relation to the effectiveness, implementability (or feasibility) and cost criteria per SWRCB Resolution No. 92-49. A table providing a comparison of

the alternatives is provided in Table 4-3. Each alternative is screening against the nine criteria identified in the sections below.

5.3.1 Comparative Analysis of Remedial Alternatives

This comparative analysis identifies the advantages and disadvantages of each alternative, providing a basis for remedy selection. Each of the alternatives either pass or fail the two threshold criteria. For the four balancing criteria (except for cost), relative rankings from "low" to "high" are given to each alternative. A "low" ranking indicates the alternative is less likely meet the criterion, and a "high" ranking indicates the alternative is likely to be highly effective in meeting the criterion. Costs of the alternatives are estimated based on quotes from suppliers, generic unit costs, and engineering experiences, and are considered to be accurate to plus 50% or minus 30%. The two modifying criteria are analyzed based on the likelihood of acceptance of each alternative by the regulatory agency (i.e., RWQCB) and the community.

Alternative 1 (no action) fails the effectiveness criteria, so it is not eligible to be selected as the final remedy. Most of the balancing criteria for this alternative rank "low" except for implementability, which ranked "high" because no-action would be the easiest to implement. Although natural attenuation processes will likely result in a reduction of COC concentrations over time, regulatory and community acceptances would be unlikely for this alternative because it fails the threshold criteria. The associated cost has been estimated at $290,000.

Alternative 2 (ISCO and groundwater monitoring) passes both threshold criteria, and it ranks "medium" for long-term effectiveness and reduction of toxicity, mobility, and volume through treatment because the COC reduction would rely on the direct contact between the relatively short-lived reagent and COCs. Because this technology would potentially increase mobility of arsenic and chromium, among other metals, this alternative ranks "low" under the short-term effectiveness criterion. The ISCO reagent is a caustic compound, and additional injections are likely be required due to the relatively short lifespan of the reagent, this alternative also ranks "low" under the criterion of implementability. Regulatory and community acceptances are possible because they pass the threshold criteria, and the other associated risks can be mitigated if additional efforts are taken. The cost for Alternative 2 has been estimated at $2,530,000.

Alternative 3 (anaerobic EISB, ISCR using ZVI, and groundwater monitoring) passes both threshold criteria. Because the reagents are not toxic or a hazardous material, and it haves a relatively long lifespan (usually multiple years) and is anticipated to be effective in addressing COC back-diffusion (should it happen) in the long term, it ranks "high" for all balancing criteria except for implementability. Although it is considered relatively easy to implement, it still requires subsurface injection and groundwater monitoring activities; therefore, it ranks "medium" when compared to Alternative 1 (no action). Regulatory and community acceptances are likely because of the benefits of the reagents utilized. The cost for this alternative has been estimated at $2,820,000.

Alternative 4 (ISCR using ZVI, VOC sequestration using PlumeStop™, and groundwater monitoring) passes both threshold criteria. Because it is not toxic or a hazardous material and is

anticipated to be effective during a moderate time period due to the expected moderate lifespan, once injected into the subsurface. This alternative ranks "medium to high" for long-term effectiveness and reduction of toxicity, and mobility, and volume through treatment. The short-term effectiveness is considered "high," which is the same as that for Alternative 3. The implementability of Alternative 4 is ranked "low to medium" because additional injection events may be warranted pending groundwater monitoring results. Regulatory and community acceptances are possible because of the benefits of the reagents utilized. The cost for this alternative has been estimated at $3,030,000.

5.3.2 Effectiveness

Alternative 1 (the "no action" alternative) would not have the ability to meet the target cleanup goals in a reasonable timeframe and would not provide protection of human health or the environment because the COC-affected source areas would remain and therefore not appreciably reduce, control, or eliminate potential risks to human health and the environment. Alternative 1 would therefore not comply with ARARs, and would not result in a reduction of mobility, toxicity, or volume of contaminants. Alternative 1 would not significantly increase short-term impacts to Site workers or the community because there are no implementation activities associated with this alternative; however, well destruction and SVE/GASS dismantling to be conducted under this alternative would result in short-term impacts to Site workers which could be reduced through use of personal protective equipment and engineering controls. Alternative 1 also would not appreciably reduce long-term potential risks to human health and the environment.

Alternative 2 utilizes ISCO, which is generally considered effective to treat high groundwater concentrations (with COC concentrations greater than 10,000 µg/L), but it may not be cost-effective for low groundwater concentrations (with COC concentrations less than 1,000 µg/L; ITRC, 2005). In addition, it is recognized that additional injections may be warranted because of the relatively short-lived nature of the ISCO reagents.

Alternative 3 utilizes EISB and ISCR. The alternative does not use a toxic or hazardous material. The reagents have relatively long lifespans (usually multiple years) and are anticipated to be effective in addressing COC back-diffusion (should it happen) in the long term. However, a second round of injections could be required due to the highly aerobic nature of the groundwater underlying the Site.

Alternative 4 utilizes ISCR, VOC sequestration, and groundwater monitoring. This alternative does not use a toxic or hazardous material. The reagents are anticipated to be effective during a moderate time period due to their expected moderate lifespans once injected into the subsurface. Using ERD coupled with ISCR and VOC sequestration is expected to reduce the treatment time and result in lower concentrations of COCs. Additionally, the long-term persistence of reactive mineral species (the ISCR component) is intended to provide a longer ongoing treatment of COCs sorbed to any fine-grained material. This should result in greater mass removal, lower matrix diffusion effects, and reduce PCE plume longevity. VOC sequestration using PlumeStop™ can be

effective at controlling matrix back diffusion of low concentrations of VOCs. This alternative ranks "medium to high" for long-term effectiveness and reduction of toxicity, and mobility, and volume through treatment. The short-term effectiveness is considered "high," which is the same as that for Alternative 3.

Alternatives 2, 3 and 4 would provide long-term and permanent COC mass reduction through source removal by in-situ treatment. These alternatives would therefore reduce the potential risks to human health and the environment associated with the presence of PCE and its degradation products. Treatment of PCE areas of concern would be effective in reducing plume longevity by reducing matrix diffusion effects. Alternatives 2, 3 and 4 also remove contaminants by volatilization (SVE) and would not result in the potential accumulation of more toxic degradation products (e.g., vinyl chloride) in the SZA. In the MZA there could be short term increases in concentrations of the degradation products of PCE (e.g., cis-1,2-DCE and vinyl chloride) in the MZA as groundwater contamination undergoes dechlorination, but using ERD coupled with ISCO or ISCR and bio-augmentation is intended to reduce the treatment time and result in lower concentrations of degradation products.

Alternatives 2, 3 and 4 could pose potential short-term risks. Site workers might be exposed to noise, fugitive dusts, potentially hazardous soils, daylighting of injectants, or COC-affected groundwater encountered during direct-push injection or monitoring well installation activities. Nonetheless, risks to Site workers could be mitigated using personal protective equipment and engineering controls.

While Alternatives 2, 3 and 4 would have the ability to reduce COC mass in the vadose and saturated zones, due to the nature and extent of COCs and technological constraints, the alternatives may not achieve the target cleanup goals; to account for such an outcome, a period of groundwater monitoring is included in these alternatives.

5.3.3 Feasibility

Alternative 1 would be the easiest to implement because no activities, other than decommissioning the SVE/GASS and proper destruction of existing wells at the Site, would be conducted. Acquisition of the required permits to destroy the wells is routinely accomplished and numerous contractors are available with appropriate licenses to perform the work.

Alternatives 2, 3 and 4 include ISCO or ERD for saturated zone treatment in the selected areas. ERD is relatively technically simple to implement. Changes in groundwater alkalinity will be monitored to determine if a buffer, such as sodium bicarbonate/sodium carbonate, would be needed to maintain the groundwater pH within a range suitable for microbial activity. ISCO is also relatively simple to implement but due to the caustic nature of the injectant, additional precaution and PPE is required to ensure worker safety.

Permits would not be required under Alternative 1 except for the destruction of the wells. Drilling permits and coverage under the WDRs for in-situ and ex-situ groundwater remediation projects

would be required for Alternatives 2, 3, and 4. The WDRs require injection of reagents be done in a manner that does not increase the lateral or vertical extent of the pollutant plume nor result in reagents migrating beyond treatment zones. The need for installation of additional groundwater monitoring wells, if any, to evaluate injection effects on the movement of COCs and reagents in on-Site groundwater will be determined at the time of filing.

Alternatives 2, 3, and 4 would use standard direct-push injection and material handling methods. Contractors are readily available and have the necessary equipment and specialists to handle and perform injection activities.

As shown in Table 4-3, the implementability of Alternatives 2, 3, and 4 is ranked "low," "medium," and "low to medium," respectively. Shipping and handling of ISCO reagents, which are reactive or caustic, caused Alternative 2 to be ranked "low." However, the reagents used in Alternatives 3 and 4 are non-hazardous and no additional risk is associated with shipping and handling, which resulted in them receiving more favorable implementability scores. Additional injection events may also be warranted pending groundwater monitoring results for Alternatives 2, 3, and 4 due to short to medium lifespans of ISCO and ISCR, respectively.

5.3.4 State and Community Acceptance

Alternative 1 ("no action") would not have the ability to meet the target cleanup goals; therefore, it does not meet the effectiveness criteria and State and community acceptance would likely not be obtained. It is anticipated that State and community acceptance of Alternatives 2, 3 and 4 would be obtainable.

5.3.5 Costs

The estimated total capital cost and total cost (with long-term monitoring and O&M) for each alternative is summarized as follows:

- Alternative 1: $290,000;
- Alternative 2: $2,530,000;
- Alternative 3: $2,820,000; and
- Alternative 4: $3,030,000.

Alternative 1 is included to establish baseline for comparative analyses of the other remedial alternatives, and the associated cost is $290,000. Estimated costs for Alternatives 2, 3 and 4 include design, permitting, implementation, operation and maintenance, groundwater and soil gas monitoring, SVE operation until indoor air data demonstrate vapor intrusion does not pose unacceptable risks to occupants of on-Site commercial spaces with the SVE turned off, remedial system decommissioning and well destructions at the Site.

Alternative 1 has the lowest cost but does not address the COC mass and offers no increased protection of human health or the environment. Alternatives 2, 3, and 4 have similar total costs; however, the costs for Alternative 3 and 4 are higher than Alternative 2, due to higher drilling and injection reagent costs. Alternative 4 has the highest estimated costs due to the higher costs associated with the chemical reagents..

5.4 RECOMMENDED REMEDIAL ACTION

Based on the remedial action alternative analysis presented above, Alternative 4 (rebound testing, treatment of affected groundwater using ISCR and VOC sequestration in the selected areas following rebound testing of the AS/GASS is the recommended remedial action. Alternative 4 best meets the criteria of effectiveness, implementability, and is in compliance with ARARs. Although the cost is higher than Alternative 3, the ability of Alternative 4 to address low concentrations of COCs in groundwater is greater and it is expected that one round of injections will be sufficient to successfully remediate groundwater. Groundwater and soil gas monitoring data obtained after implementation of the selected remedial action will be used to determine if the remedial actions attain the target cleanup goals presented in Table 4-2. Proposals to modify the remedial plan or remedial systems may be included in the periodic monitoring reports or implementation report.

6.0 REMEDIAL ACTION PLAN IMPLEMENTATION

This section discusses the conceptual design of the recommended remedial action and presents the procedures for implementing the recommended remedial action. A preliminary schedule for remedial action implementation and reporting is also presented. As on-Site groundwater currently meets cleanup goals except for PCE at 13.3 µg/L and vinyl chloride at 0.570 µg/L in MZA LW-MW-1D, prior to implementing Alternative 4 ERD/ISCR groundwater treatment injections, groundwater sampling will be conducted with the GASS system turned off to evaluate conditions following an equilibration period. The SVE portion of the SVE/GASS will remain on to continue remediating vapors in vadose zone but turned off for at least one month prior to evaluating indoor air concentrations under this scenario.

If rebound sampling of the groundwater with the GASS system off indicates cleanup goals have not been met and are not likely to meet cleanup goals within a reasonable timeframe, ERD/ISCR chemical injections and VOC sequestration will be conducted in the primary treatment areas using grid-based direct-push injection methods. The locations and reagent masses to be injected will be determined based on spatial and temporal trends in the groundwater monitoring data, and, as such will be implemented in a phased approach. Additional monitoring wells will be installed in accordance with WDRs, if needed, to evaluate groundwater quality upgradient, within, and at compliance points outside (i.e., downgradient) of the treatment zone and within the transition zone.

Prior to implementing ERD/ISCR and VOC sequestration on a full-scale basis, groundwater samples from on-Site groundwater monitoring wells will be submitted for geochemistry analysis adjacent to the proposed treatment zones. Testing will be performed to determine indoor air quality with the SVE system turned off. SVE will remain on during groundwater treatment to control vapor intrusion, as needed. SVE will be terminated if analytical results demonstrate that the system is not needed to meet indoor air target cleanup goals. The following sections provide details of the planned activities.

6.1 REMEDIAL ACTION PLAN IMPLEMENTATION

The implementation of the selected remedial action is expected to commence within six months of approval of the Stipulated Agreement, subject to availability of subcontractors, access issues, and receipt of required permits. An implementation report would be issued approximately 12 months following completion of the initial ERD/ISCR and VOC sequestration injections. Proposals to modify the remedial plan or remedial systems may be included in the periodic monitoring reports or implementation report.

Details on the activities that will be completed are provided below.

6.1.1 Draft RAP Finalization and Public Comment

Documents will be prepared to facilitate public review of the Draft On-Site RAP, including a baseline community survey, an interested persons mailing list, and a fact sheet. Public notice of

the Draft On-Site RAP will be published in a local newspaper and an information repository will be established at a local library. Following a 30-day comment period, responses to comments will be provided to the RWQCB and the community prior to finalizing the on-Site RAP.

6.1.2 Permitting and Contractor Health and Safety

Prior to initiating field activities at the site, WEST will: (1) update its Site-specific Health and Safety Plan (HASP) for implementation of this RAP; (2) contact Underground Service Alert to schedule visits by public and private utility companies to locate their underground utilities; (3) coordinate with the utility clearance, drilling, development, and surveying subcontractors; and (4) submit respective permit applications in order to obtain permits for groundwater monitoring well installations, and injection activities associated with the implementation of Alternative 4. The HASP will comply with applicable federal and California Occupational Safety and Health Administration (OSHA) guidelines. Permits must be obtained from the EDCDEM (for well installations and borings for injections). A Report of Waste Discharge, which includes a Notice of Intent (NOI) for coverage under the WDRs for in-situ and ex-situ groundwater remediation projects will be submitted to the RWQCB. SVE system operation will continue under the existing El Dorado County Air Quality Management District (AQMD) Permit to Operate. Drilling and injection subcontractors will also be identified, and contractual arrangements will be completed.

The work will be conducted in accordance with applicable federal, state, and local regulations. These include, but are not limited to:

- National Fire Protection Association (NFPA) 30 Flammable and Combustible Liquids;
- OSHA, Title 29 Code of Federal (CFR) 1910.120. Regulations applicable to hazardous waste site operations (HAZWOPER);
- Health and Safety Code Division 20, Chapters 6.5 and 6.8;
- Title 8 California Code of Regulations (CCR) GISO 5192 Hazardous Materials Storage Ordinance, and Title 8 CCR 1532.1; and
- Title 22, CCR Sections 66261.2 and 66261.3.

Contractors working on the Site will prepare a Site-Specific HASP, which will address identification of hazards, hazard mitigation, safe work practices and emergency response procedures for the project. The site-specific HASP will be prepared to comply with 29 CFR 1910.120 and 8 CCR GIS0 5192. Additionally, any remediation subcontractors selected to perform remedial work on-Site will be required to prepare a HASP for its activities.

Underground Service Alert will be contacted to schedule visits by public and private utility companies to locate their underground utilities. In addition, a private underground utility locating service will conduct a subsurface electromagnetic survey to screen the proposed groundwater monitoring wells and injection locations for the presence of subsurface utilities.

6.1.3 Rebound Testing

Prior to conducting ISCR, groundwater sampling will be conducted at on-Site wells with the GASS system turned off to evaluate groundwater conditions following adequate time for conditions to equilibrate. Based on estimated retardation factors and groundwater velocity, rebound testing would be conducted at one month after GASS shutdown for early detection of rebound; 2 months after GASS shutdown to confirm any rebound trend; and 3-4 months after GASS shutdown to evaluate mass transport by groundwater advection. The resulting data will be used to establish the extent to which SVE/GASS has been effective in reducing concentrations of CVOCs and determine where additional treatment by ISCR and VOC sequestration is required. SVE will remain operational to continue remediating vapors in the vadose zone.

6.1.4 SVE/GASS Curtailment

As discussed in Section 2.7.1 above, the existing SVE/GASS was constructed in late 2009 to early 2010 to remove VOCs from the vadose zone soil and SZA groundwater. The existing system consists of 27 air sparge wells, 20 SVE well pairs (20 shallow SVE wells and 20 deeper SVE wells), six horizontal SVE wells, and 10 soil vapor probes.

The SVE/GASS has been operating continuously except for temporary disruptions (e.g., those caused by elevated groundwater levels or shutdowns for operations and maintenance of the system in accordance with the El Dorado County Air Quality Management District (AQMD) permit requirements). As a result, the VOC mass removal rate of the SVE/GASS dropped from approximately 100 grams per day upon start-up in 2010 to less than 1 gram per day by 2022.

In June 2022, Seven Springs (PES, 2022) initiated optimization of the SVE/GASS with the objective of maximizing the VOC mass removal rate consistent with USEPA guidance (USEPA, 2018). On November 21, 2024 Seven Springs replaced the GASS compressor and balanced the wells for optimum flow, which resulted in an increase of VOC mass removal to 6.5 grams per day. During the 1Q25 the average VOC mass removal was calculated at 9 grams per day. Low residual VOC mass in the vadose zone signifies the appropriateness of halting SVE/GASS and transitioning to different technologies to attain RAOs (USEPA, 2018) if remedial goals cannot be met. However, the SVE portion of the SVE/GASS will be used to control vapors, including those generated from the dehalogenation of PCE in groundwater, e.g., vinyl chloride and methane.

Operation of the GASS will be terminated if ERD/ISCR and VOC sequestration are implemented to address COCs in the capillary fringe and groundwater. The GASS portion of the system will operate until approximately 2 to 4 weeks before injection of ERD/ISCR and VOC sequestration reagents, if needed. Termination of the GASS prior to injections will reduce dissolved oxygen levels to background concentrations thereby promoting ERD/ISCR. SVE would remain operational following ISCR groundwater treatment to control vapors generated from the PCE dehalogenation, but will be turned off for at least one month prior to conducting indoor air sampling.

6.1.5 Indoor Air Sampling

At least two rounds of indoor air sampling would be conducted with the SVE system turned off to evaluate seasonal variations and assess for potential increases in concentrations. After each indoor air sampling round with the SVE system off, the SVE system would be turned back on to control vapors generated following the ERD/ISCR reagent injections. If indoor air data exceed target cleanup goals with the SVE system off, the SVE system will be restarted, and indoor air will be tested with the SVE running. If the indoor air results with the SVE running are below target cleanup goals, the system will continue to operate until at least two subsequent indoor air testing rounds conducted without the SVE system operating demonstrate that target cleanup goals for indoor air have been met. If indoor air data with the SVE system running are above target cleanup goals additional remedial measures, e.g., vapor intrusion mitigation, will be implemented following preparation and approval of a RAP addendum..

Indoor air testing would be conducted annually if: (1) COCs in soil gas samples increase to concentrations greater than those measured when the SVE was shut down and those soil gas COC concentrations exceed target cleanup goals or soil gas concentrations based on a Site-specific attenuation factor calculated during indoor air sampling rounds, or (2) protection of on-Site tenants has not yet been demonstrated with the SVE turned off. Methane concentrations in soil gas will be monitored monthly for three months and quarterly for one year and will be confirmed to be below acceptable levels prior to SVE system curtailment. The following action levels will be used for methane in soil gas: Monitor to determine concentration trends - <3.0% by vol. but >1.0% by vol.; Warning, Investigate - >3.0% by vol. but <5.0% by vol.; and Immediate Action - >5.0% by vol. (U.S. Department of Interior, 2001).

6.1.6 Remedial Design Implementation Plan/Report of Waste Discharge

A Remedial Design Implementation Plan (RDIP)/Report of Waste Discharge (ROWD) will be prepared following the rebound testing to detail how the approved cleanup remedy will be carried out, including: chemical injection design specifications; WDR compliance procedures, and groundwater performance monitoring program.

6.1.7 Contingent Additional Groundwater Monitoring Wells

Additional groundwater monitoring wells will be installed, if necessary, in accordance with WDRs, to ensure that implementation of the ERD/ISCR and VOC sequestration treatment program described in Section 5 does not cause: expansion of the lateral or vertical extent of COCs in on-Site groundwater, or migration of groundwater treatment reagents or byproducts beyond treatment zones. The placement and depth of new monitoring wells will be determined by evaluating spatial and temporal trends in the groundwater monitoring data, which will be used to identify treatment zones. The wells would be installed, developed, surveyed, and sampled in accordance with the procedures and methods presented in Sections 6.1.7.1 through 6.1.7.4 below. Investigation-derived waste (IDW) generated by these activities would be managed as described in Section 6.1.7.5.

6.1.7.1 Monitoring Well Installation

Boreholes for the groundwater monitoring wells would be drilled using a sonic drill rig with oversight by a California professional engineer or geologist. The monitoring wells would be installed in separate boreholes using 8-inch outer diameter casing. It is anticipated that the sonic drilling method would be able to install wells in the flowing sands that have been encountered during previous investigations conducted by PES.[10]

The geologist or engineer would supervise the drilling and well construction activities and prepare a lithologic log of the borehole using the Unified Soil Classification System. Continuous soil cores would be retrieved for lithologic characterization from the borehole using the sonic rig. Additionally, soil samples would be screened in the field periodically for the presence of VOCs based on headspace analysis using a portable PID equipped with a 10.6 eV photo-ionization lamp. PID readings would also be recorded on the field lithologic log.

Upon reaching the desired depth, each monitoring well would be constructed using 2-inch diameter schedule 40 polyvinyl chloride (PVC) blank casing and well screen. The screen would be secured to the blank casing by flush-jointed threads, and the assembly would be suspended in the borehole to ensure vertical alignment and plumbness. It is anticipated that the screen would be 10-feet long with 0.020-inch slots.

The filter pack surrounding the well screen would consist of No. 3 sand that extends from the bottom of the borehole to approximately 1 to 2 feet above the top of the screen. A minimum 2-feet-thick hydrated bentonite pellet seal would be placed above the filter pack. The depth and placement of sand and bentonite pellets would be measured and confirmed throughout the installation process using a weighted tape or similar measuring device. The sonic rig casing would be removed after/in conjunction with placement of the sand filter pack and bentonite pellet seal on top of the sand filter pack.

In accordance with applicable regulations, a tremie pipe would be used to fill the annular space above the filter pack bentonite seal with a neat cement grout to a depth of approximately 1 to 2 feet bgs to serve as the sanitary seal. The blank casing of the well would extend to approximately 0.5-feet bgs, and an expansion well cap would be used to secure and seal the top of the well casing. A traffic-rated, flush-mount vault would be installed in concrete over the well heads for protection.

A State of California Well Completion Report for each well installation would be submitted to the Department of Water Resources' (DWR's) Online System for Well Completion Reports.

6.1.7.2 Monitoring Well Development

Following a minimum 72-hour period after placement of the sanitary seal, the monitoring wells would be developed by using a combination of bailing, swabbing, and pumping with a

[10] If the flowing sands prevent the installation of an acceptable filter pack around the screen interval, then a prepacked screen may be used in areas with flowing sand problems.

submersible pump. The objective of well development is to remove fine-grained material inside the filter pack and casing, to stabilize and sort the filter pack around the well screen, and to produce representative water samples from the monitored zones. During well development activities, water parameters including pH, temperature, conductivity, and turbidity would be monitored with field instruments. Well development would continue until the discharge water is visually clear of sediment and the turbidity of the groundwater is less than 50 nephelometric turbidity units (NTUs), if feasible.

Purged groundwater and rinsate generated during well development and decontamination activities would be temporarily stored on the site in DOT-approved 55-gallon drums. IDW characterization results, and transportation and disposal or recycling activities are further discussed below.

6.1.7.3 Monitoring Well Surveying

Tops of the well casings would be surveyed by a California registered land surveyor, to obtain reference elevations relative to North American Vertical Datum of 1988 (NAVD88) and horizontal and vertical coordinates at each monitoring well location relative to North American Datum of 1983 (NAD83).

6.1.7.4 Monitoring Well Sampling

New monitoring wells would be incorporated into the quarterly groundwater monitoring program for the LTLW Site and sampling would be conducted to demonstrate the target cleanup goals are met and for compliance with the WDRs. The wells would be sampled in accordance with the procedures described in the routine groundwater monitoring reports.

6.1.7.5 Handling, Storage, and Disposal of Investigation-Derived Wastes

IDW generated during the installation, development and sampling of the groundwater monitoring wells would be temporarily stored at the Site. Representative samples of the IDW would be collected and submitted to a laboratory for analysis.

IDW would be stored in secured, labeled Department of Transportation (DOT)-approved 55-gallon drums until proper off-site management in accordance with applicable State and Federal laws can be arranged. The IDW would be disposed or recycled based on the results of the laboratory analytical results.

6.1.8 ERD/ISCR and VOC Sequestration Treatment Program

The focus of the ERD/ISCR and VOC sequestration treatment program is to address VOC-affected groundwater and saturated soil in the source areas identified following rebound monitoring (likely the source area near LM-MW-1S/1D and immediately north of the Site building; “Source Areas”). To accomplish this objective, PlumeStop™, S-MZVI® (or equivalent materials) will be injected (with pressure injection, as needed) into the Source Areas presented on Figures 4-8 and 4-9. BDI Plus® may be used to enhance biodegradation of VOCs and reduce VOC loading on PlumeStop™. The proposed potential injection locations and volumes are presented in Table 6-1.

RRS will conduct a clear water test and PFM study if needed to verify PlumeStop.™ design parameters. The clear water test provides an assessment of proper injection pressures, pumping rates, and injectant volumes. The PFM study measures Darcy velocities and contaminant flux and assists in identifying reagent transport zones. PFMs are sock-like devices that are filled with activated carbon that has four tracers. Each tracer has a known sorption coefficient (K_d). Once installed, the PFMs are left in a groundwater monitoring well for two to three weeks; during which time, the tracers are depleted at a rate proportional to the groundwater velocity. Simultaneously, the activated carbon sorbs contaminants from passing groundwater, which allows estimation of the contaminant loading rate on carbon.

The potential byproducts of ERD/ISCR treatment of PCE include degradation products (TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride), carbon dioxide, acetylene, ethane, ethene and methane gas. Degradation pathways for ERD and ISCR are shown on Figure 4-3. ERD is accomplished by introduction of an organic substrate (electron donor) into the subsurface for the purpose of stimulating microbial growth, creating an anaerobic (oxygen deficient) groundwater treatment zone (reductive zone), and generating hydrogen through fermentation reactions. The ISCR is intended to sustain treatment after ERD has ceased. Including ferrous iron in the reagents is an emerging technology. The formation of reactive mineral species with ferrous iron represents another means for promoting abiotic attenuation. Species such as iron sulfides, pyrite, magnetite and so-called “Green Rusts” have long been theorized to catalyze dechlorination of CVOCs based on their chemical characteristics. Many of these minerals are naturally present in subsurface and anaerobic environments and may contribute to natural attenuation in groundwater plumes. Pressure injection of the reagents, as needed, will increase the potential that low-permeability sediments will be treated to minimize detrimental matrix diffusion effects (rebound), although injections will be conducted at low pressures if possible to reduce the chance for daylighting of injectants. During treatment, the oxidative/reductive state of the aquifer becomes more reductive, nitrate, sulfate and ferric iron are reduced to nitrite, sulfite, and ferrous iron (respectively), and DO concentrations and ORP levels are reduced. Using ERD in conjunction with ISCR is expected to reduce the treatment time and result in lower concentrations of degradation products cis-1,2-DCE and vinyl chloride. Additionally, the persistence of reactive mineral species (the ISCR component) will provide a longer ongoing treatment of PCE sorbed to any fine-grained material.

PlumeStop™ Liquid Activated Carbon is composed of fine particles of activated carbon (1-2µm) suspended in water and is designed to remove and permanently degrade groundwater contaminants. Once in the subsurface, the material behaves as a colloidal biomatrix, binding to subsurface soils and removing contaminants from groundwater, and expediting permanent contaminant biodegradation. PlumeStop™ is applied into the subsurface through gravity-feed or low-pressure injection.

S-MZVI® is an In Situ Chemical Reduction (ISCR) reagent that promotes the destruction of chlorinated hydrocarbons, and is composed of colloidal, sulfidated zero-valent iron particles suspended in glycerol.

BDI Plus® is an enriched natural microbial culture containing species of DHC developed to facilitate and accelerate the degradation of VOCs, including cis-1,2-DCE and vinyl chloride.

The initial injections will focus on optimizing injection spacing, injection pressures, and reagent volumes. In addition, changes in groundwater alkalinity will be monitored to determine if a buffer, such as sodium bicarbonate/sodium carbonate, is needed to maintain the groundwater pH with a range suitable for microbial activity.

As shown on Figures 4-8 and 4-9, five locations are targeted for injections in the SZA and MZA. Actual location necessitating treatment will determined by groundwater rebound testing. On-Site wells will be used to monitor SZA and MZA groundwater to establish baseline VOC concentration in groundwater prior to implementing the injections.

The quantity of PlumeStop™, S-MZVI® and BDI Plus® (if used) needed to promote the reductive dechlorination of PCE within the identified treatment zones will be established based upon the site-specific parameters in consultation with the reagent supplier (Regenesis).

Regenesis estimated injection points to treat SZA groundwater will be spaced approximately 6 feet apart in row with a targeted injection depth interval of 12 to 32 feet bgs. Injection points to treat MZA groundwater will be spaced approximately 12 feet apart in row with a targeted injection depth interval of 25 to 60 feet bgs. Injection locations will be adjusted as required by the presence of underground utilities. Additionally, injection locations will be maintained at least 5 feet away from existing monitoring wells to minimize the potential for short-circuiting through the monitoring wells. All locations will be hand-augured or air-knifed to a depth of 5 feet to further assess the presence of detectable underground utilities. The injections will be completed using direct-push drilling equipment equipped with both a low- and high-pressure injection pump. PlumeStop™ and/or S-MZVI® will be injected into the subsurface followed by anaerobic injection water and possibly BDI Plus® injection. If the specified amounts of reagents cannot be injected into the desired depth of the borehole, adjustments will be made to the injection methodology to ensure that the requisite amounts are injected, if possible. Following each application, the drive rods will be retracted and the borehole will be sealed to the ground surface with bentonite/cement grout.

Post injection monitoring as described in Sections 6.1.9 through 6.1.10 will be performed to: (1) assess the extent that cis-1,2-DCE and vinyl chloride are formed and their persistence; (2) evaluate if groundwater beneath and northwest of the former LTLW tenant space can be adequately treated; (3) confirm the longevity of the reagents that enable active treatment by ERD; and (4) evaluate the degree to which PCE concentrations rebound as a result of back diffusion from low permeability sediments.

As discussed in Section 6.1.2, SVE system operation will be terminated following implementation of the ERD/ISCR and VOC sequestration treatment program and collection of soil gas data indicating acceptable levels of methane are present and collection of indoor air data with the SVE

system turned off that demonstrate SVE is not required to protect occupants of on-Site commercial spaces from vapor intrusion.

Upon approval of the Stipulated Agreement by the RWQCB, quarterly sampling will continue of vapor probes, SVE well VE-2, and on-Site groundwater monitoring wells, including any new wells installed to comply with WDRs.

6.1.9 Soil Gas Sampling

Soil gas sampling will be performed concurrently with groundwater monitoring to assess the progress of ERD/ISCR and VOC sequestration in attaining soil gas target cleanup goals. For budgetary purposes, baseline, three post injection, and four quarters of post-remediation soil gas sampling events are contemplated.

Soil gas samples will be collected from ten VPs and one SVE well in accordance with the soil gas monitoring procedures presented in Appendix B. The locations of VP wells and SVE well VE-2 are presented on Figure 2-3. The soil gas samples will be analyzed for VOCs, including PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride using USEPA Test Method TO-15 as well as methane using ASTM Method D1945.

6.1.10 Groundwater Monitoring

Groundwater sampling of existing on-Site monitoring wells will be conducted prior to implementation of ERD/ISCR and VOC sequestration reagent injections (baseline event), monthly for three months following injections, and quarterly to evaluate progress of the remediation. The locations of the existing on-Site wells are presented on Figure 1-2. The groundwater samples will be analyzed for: VOCs using USEPA Test Method 8260B; TDS, nitrate and sulfate using USEPA Method 300, total iron using EPA 200.8, ferrous iron using SM 3500, and methane, ethane, ethene, and carbon dioxide using RSK 175. Groundwater geochemical parameters, including DO, conductivity, ORP, temperature, pH would also be measured during sampling. The sampling will be conducted in accordance with the procedures and methods presented in Appendix B.

With source removal and sequestration, the dissolved phase VOC concentrations are expected to decrease with time. The overall objective of the post-injection groundwater monitoring program will be to verify that COC concentrations continue to decline and target cleanup goals are attained. Three monthly groundwater sampling events will be conducted following injections of ERD/ISCR and VOC sequestration reagents, and monitoring on a quarterly or annual basis, as appropriate, will follow until target cleanup goals are met. For budgetary purposes, one baseline, three monthly, and seven quarters of post-remediation monitoring are contemplated. The network of monitoring wells to assess ERD/ISCR and VOC sequestration performance will be the same as that for pre-remediation groundwater monitoring.

Modifications to the monitoring program (reductions in wells monitored and/or frequency of monitoring) may also occur in the future; such modifications will be presented in routine monitoring reports and will only be implemented with appropriate RWQCB approval.

6.1.11 Indoor Air Sampling

A Revised Indoor Air Sampling Work Plan dated February 22, 2022, presents the scope of the indoor air quality (IAQ) sampling (PES, 2022). The work plan is presented as Appendix C and includes installation of sub-slab vapor pins and monitoring of: indoor/ambient air, sub-slab soil gas within 48-hours of the indoor air sampling; and soil gas from vapor probes VP-1, VP-5, VP-6, VP-9 and VP-10 (located immediately outside of the Site building) within two weeks of the indoor air sampling event during routine quarterly groundwater and soil gas sampling. The work plan was developed in accordance with DTSC guidelines presented in the document entitled "Vapor Intrusion Guidance Document – Final Interim, State of California" (DTSC, 2004). The two IAQ sampling rounds will be conducted with the SVE system turned off and will target the tenant spaces previously assessed and located at: (1) 1032 Emerald Bay Road; (2) 1026 Emerald Bay Road; (3) 1024 Emerald Bay Road; (4) the common corridor area located immediately south of 1022 and 1024 Lake Tahoe Boulevard; and (5) 1022 Emerald Bay Road.

Indoor air testing would be conducted annually if: (1) COCs in soil gas samples increase to concentrations greater than those measured when the SVE was shut down and those soil gas COC concentrations exceed target cleanup goals or soil gas concentrations based on a Site-specific attenuation factor calculated during indoor air sampling rounds; or (2) protection of on-Site tenants has not yet been demonstrated with the SVE turned off.

6.2 Remedial Action Contingency Measures

If additional groundwater treatment is warranted because the decline of COC concentrations within the SZA and MZA has stalled or is not progressing at a rate that MCLs will be achieved in a reasonable timeframe, the remedial action includes a contingency for additional ERD/ISCR treatment. The additional ERD/ISCR injections include additional volumes of reagents at the areas located at the downgradient portions of the Site. These locations may be enhanced by injections of additional S-MZVI® and/or PlumeStop™ to sequester VOCs on-Site. If additional ERD/ISCR is required to attain target cleanup goals, the proposed methods and procedures of the additional remediation will be provided to the RWQCB in a RAP Amendment.

If IAQ sampling conducted after curtailment of the SVE system indicates target cleanup goals have not been met, the remedial action includes resumption of the SVE system as a contingency. If additional SVE system operation is required, the proposed methods and procedures of the additional measures, e.g. SSDS, will be provided to the RWQCB in a RAP Amendment.

6.3 Risk Management Plan and Land Use Covenant

A RMP has been prepared and is attached to this RAP as Appendix D. The RMP has been prepared to protect human health from VOC-affected soil, soil gas, groundwater, and indoor air at the Site. The

RMP will be used to identify areas of the Site that are known to contain VOC-affected soil and groundwater and to protect human health from VOCs at the Site. The RMP provides guidelines that should be followed if VOC-affected soil and/or groundwater remaining at the Site is encountered during subsurface activities and will identify appropriate mitigation measures to be followed if work is to be conducted in areas of VOC-affected soil.

Land use controls will be instituted by recording a Covenant and Environmental Restriction on Property for the subject property. The Covenant will notify future owners of subsurface contamination, prohibit use of shallow groundwater beneath the Site as a source of drinking water until target cleanup goals are met, and prohibit sensitive uses of the Site such as residences, schools, hospitals, and day care centers. The Covenant will limit the use of the property to commercial/industrial uses unless cleanup to levels appropriate for unrestricted use are achieved.

6.4 REPORTING

A Remedial Action Implementation Report will be prepared and submitted to the RWQCB to document the implementation of the remedial action. The report will include documentation of the RAP implementation, including: sub-slab vapor pin installation, sub-slab/indoor air sampling, WDR compliance procedures, SVE/GASS shutdowns and operations, chemical injection details, and soil gas and groundwater monitoring results. The report will document deviations from the RAP, as appropriate. The report will include copies of permits acquired for the remediation, tabulated summary of injection volumes, boring logs, well construction details, and other work conducted, if any.

Quarterly monitoring reports will continue with the reports issued no later than 75 days following the end of the subject quarter (e.g., report for first quarter of the year is due by June 15); the reports and electronic submittal of other information (e.g., data) will be posted to GeoTracker. Proposals to modify the remedial plan or remedial systems may be included in the periodic monitoring reports or implementation report.

A status report evaluating the effectiveness of the approved remedial action plan will be prepared every five years. The first five-year review report shall become due five years following RWQCB approval of this RAP, and every five years thereafter. Prior to curtailment of the recommended remedial action, a report will be submitted to the RWQCB containing a proposal with the rationale to curtail remediation. Curtailments may include system closure, system suspension, and/or significant modifications. The final closure proposal will demonstrate that cleanup goals have been met.

6.5 WELL DESTRUCTIONS

Once cleanup goals have been met for the Site, all monitoring wells associated with the Site (groundwater, air sparge, SVE, and vapor probes) will be destroyed. Well destructions must be approved by and reported to the RWQCB at least 30 days in advance. All destruction work will be completed in accordance with DWR Bulletin 74-90, California Well Standards, Monitoring Well

Standards Chapter, Part III, Sections 16-19. Soil cuttings and groundwater generated during the drilling will be temporarily stored in labeled DOT-approved 55-gallon drums or bins pending characterization for disposal at a location selected by the waste generator.

Pursuant to California Water Code Section 13751, well destruction reports will be filed with the DWR within 60-days of the groundwater monitoring well destruction.

A Well Destruction Report will be prepared by California Professional Geologist or Engineer summarizing the procedures implemented for groundwater destruction. The report will provide copies of permits and information on the sealing materials, volume of sealing material added to the well, method of well sealing, and waste disposal.

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8.0 DISTRIBUTION LIST

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GeoTracker

TABLES

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
Groundwater										
LW-MW-1S	7/16/08	23.91	2	PVC	15	25	6257.02	6247.02	6271.94	6272.02
LW-MW-1D	7/16/08	50	2	PVC	40	50	6232.02	6222.02	6271.81	6272.02
LW-MW-2S	7/23/08	34.82	2	PVC	22.5	32.5	6249.14	6239.14	6272.84	6271.64
LW-MW-2D	7/23/008	49.5	2	PVC	39.5	49.5	6232.14	6222.14	6272.80	6271.64
LW-MW-5S	7/24/08	29.7	2	PVC	19	29	6251.27	6241.27	6269.99	6270.27
LW-MW-5D	7/24/08	50	2	PVC	40.5	50.5	6229.77	6219.77	6269.76	6270.27
LW-MW-9S	11/10/09	24.4	2	PVC	10	25	6264.1	6249.1	6273.46	6274.1
LW-MW-10SR	6/8/13	24.65	2	PVC	10	25	6262.71	6247.71	6272.33	6272.71
LW-MW-11S	11/12/09	24.3	2	PVC	10	25	6262.58	6247.58	6272.08	6272.58
LW-MW-12S	11/10/09	24.2	2	PVC	10	25	6262.01	6247.01	6271.11	6272.01
LW-MW-13S	11/10/09	24.95	2	PVC	10	25	6261.58	6246.58	6271.28	6271.58
OS-1	3/19/10	25	2	PVC	10	25	6258.96	6243.96	6268.58	6268.96
OS-2S	10/1/18	23.5	2	PVC	8.5	23.5	6259.56	6244.56	6267.57	6268.06
OS-2M	10/1/18	48	2	PVC	42	48	6225.99	6219.99	6267.62	6267.99
OS-3S	10/1/18	23.5	2	PVC	8.5	23.5	6262.13	6247.13	6270.12	6270.63
OS-3M	10/1/18	48	2	PVC	38	48	6232.77	6222.77	6270.52	6270.77
~~OS-4S~~	~~10/1/18~~	~~24~~	~~2~~	~~PVC~~	~~9~~	~~24~~	6253.77	6238.77	~~6262.47~~	~~6262.77~~
~~OS-4M~~	~~10/1/18~~	~~43~~	~~2~~	~~PVC~~	~~33~~	~~43~~	6229.67	6219.67	~~6262.37~~	~~6262.67~~
Air Sparge										
AS-1	11/3/09	25	2	PVC	23.5	25	--	--	--	--
AS-2	11/5/09	25	2	PVC	23.5	25	--	--	--	--
AS-3	11/6/09	28	2	PVC	26.5	28	--	--	--	--
AS-4	11/5/09	26	2	PVC	24.5	26	--	--	--	--
AS-5	11/5/09	26	2	PVC	24.5	26	--	--	--	--
AS-6	11/5/09	30	2	PVC	28.5	30	--	--	--	--
AS-7	11/7/09	28.5	2	PVC	27	28.5	--	--	--	--

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
AS-8	11/7/09	27	2	PVC	25.5	27	--	--	--	--
AS-9	11/9/09	28.5	2	PVC	27	28.5	--	--	--	--
AS-10	11/4/09	27	2	PVC	25.5	27	--	--	--	--
AS-11	11/4/09	30	2	PVC	28.5	30	--	--	--	--
AS-12	11/8/09	27.5	2	PVC	26	27.5	--	--	--	--
AS-13	11/8/09	29	2	PVC	27.5	29	--	--	--	--
AS-14	11/8/09	30	2	PVC	28.5	30	--	--	--	--
AS-15	11/9/09	30	2	PVC	28.5	30	--	--	--	--
AS-16	11/12/09	30	2	PVC	28.5	30	--	--	--	--
AS-17	11/12/09	30	2	PVC	28.5	30	--	--	--	--
AS-18	11/11/09	30	2	PVC	28.5	30	--	--	--	--
AS-19	11/11/09	30	2	PVC	28.5	30	--	--	--	--
AS-20	11/13/09	30	2	PVC	28.5	30	--	--	--	--
AS-21	11/12/09	30	2	PVC	28.5	30	--	--	--	--
AS-22	11/11/09	30	2	PVC	28.5	30	--	--	--	--
AS-23	11/6/09	30	2	PVC	28.5	30	--	--	--	--
AS-24	11/13/09	30	2	PVC	28.5	30	--	--	--	--
AS-25	11/13/09	30	2	PVC	28.5	30	--	--	--	--
AS-26	11/4/09	27	2	PVC	25.5	27	--	--	--	--
AS-27	11/9/09	26	2	PVC	24.5	26	--	--	--	--
Deep Soil Vapor Extraction			*2*							
VED-1	11/5/09	13	2	PVC	11	13	--	--	--	--
VED-2	11/4/09	14	2	PVC	12	14	--	--	--	--
VED-3	11/7/09	14	2	PVC	12	14	--	--	--	--
VED-4	11/8/09	13	2	PVC	11	13	--	--	--	--
VED-5	11/9/09	13.4	2	PVC	11.4	13.4	--	--	--	--
VED-6	11/10/09	12.5	2	PVC	10.5	12.5	--	--	--	--

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
VED-7	11/12/09	12	2	PVC	10	12	--	--	--	--
VED-8	11/13/09	12	2	PVC	10	12	--	--	--	--
VED-9	11/11/09	12	2	PVC	10	12	--	--	--	--
VED-10	11/10/09	12	2	PVC	10	12	--	--	--	--
VED-11	11/8/09	12	2	PVC	10	12	--	--	--	--
VED-12	11/7/09	11.5	2	PVC	9.5	11.5	--	--	--	--
VED-13	11/7/09	13.5	2	PVC	11.5	13.5	--	--	--	--
VED-14	11/10/09	12.5	2	PVC	10.5	12.5	--	--	--	--
VED-15	11/6/09	12	2	PVC	10	12	--	--	--	--
VED-16	11/12/09	12	2	PVC	10	12	--	--	--	--
VED-17	11/4/09	15	2	PVC	13	15	--	--	--	--
VED-18	11/4/09	13	2	PVC	11	13	--	--	--	--
VED-19	11/3/09	12	2	PVC	10	12	--	--	--	--
VED-20	11/3/09	12	2	PVC	10	12	--	--	--	--
Shallow Soil Vapor Extraction			*2*							
VES-1	11/5/09	9	2	PVC	4	9	--	--	--	--
VES-2	11/4/09	10	2	PVC	5	10	--	--	--	--
VES-3	11/7/09	10	2	PVC	5	10	--	--	--	--
VES-4	11/8/09	9	2	PVC	4	9	--	--	--	--
VES-5	11/9/09	9.4	2	PVC	4.4	9.4	--	--	--	--
VES-6	11/10/09	8.5	2	PVC	3.5	8.5	--	--	--	--
VES-7	11/12/09	8	2	PVC	3	8	--	--	--	--
VES-8	11/13/09	8	2	PVC	3	8	--	--	--	--
VES-9	11/11/09	8	2	PVC	3	8	--	--	--	--
VES-10	11/11/09	8	2	PVC	3	8	--	--	--	--
VES-11	11/8/09	8	2	PVC	3	8	--	--	--	--
VES-12	11/7/09	7.5	2	PVC	3.5	7.5	--	--	--	--

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
VES-13	11/7/09	9.5	2	PVC	4.5	9.5	--	--	--	--
VES-14	11/10/09	8.5	2	PVC	3.5	8.5	--	--	--	--
VES-15	11/6/09	8	2	PVC	3	8	--	--	--	--
VES-16	11/12/09	8	2	PVC	3	8	--	--	--	--
VES-17	11/4/09	9	2	PVC	4	9	--	--	--	--
VES-18	11/4/09	9	2	PVC	4	9	--	--	--	--
VES-19	11/3/09	7	2	PVC	2	7	--	--	--	--
VES-20	11/3/09	7	2	PVC	2	7	--	--	--	--
Shallow Vapor Probe										
VP-1	11/5/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-2	11/5/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-3	11/9/10	5	0.13	Teflon	4.875	5	--	--	--	--
VP-4	11/7/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-5	11/3/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-6	11/3/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-7	11/9/10	5	0.13	Teflon	4.875	5	--	--	--	--
VP-8	11/9/10	5	0.13	Teflon	4.875	5	--	--	--	--
VP-9	11/8/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-10	11/8/09	5	0.13	Teflon	4.875	5	--	--	--	--

Notes:

ft bgs: feet below ground surface

PVC: polyvinyl chloride

~~OS-4:~~ Strikethrough font indicates wall was destroyed

ft NAVD88: feet relative to the North American Vertical Datum of 1988

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-1S	15	25	6271.94	8/13/08	13.69	6258.25	--	--	--
	15	25	6271.94	12/4/09	15.09	6256.85	-1.40	--	--
	15	25	6271.94	3/23/10	13.99	6257.95	1.10	--	--
	15	25	6271.94	6/15/10	11.16	6260.78	2.83	--	--
	15	25	6271.94	9/8/10	12.73	6259.21	-1.57	--	--
	15	25	6271.94	12/16/10	12.49	6259.45	0.24	--	--
	15	25	6271.94	5/11/11	5.08	6266.86	7.41	--	--
	15	25	6271.94	9/29/11	10.71	6261.23	-5.63	--	--
	15	25	6271.94	12/9/11	10.16	6261.78	0.55	--	--
	15	25	6271.94	3/29/12	9.03	6262.91	1.13	--	--
	15	25	6271.94	6/8/12	10.75	6261.19	-1.72	--	--
	15	25	6271.94	8/21/12	12.19	6259.75	-1.44	--	--
	15	25	6271.94	11/19/12	13.66	6258.28	-1.47	--	--
	15	25	6271.94	3/11/13	10.18	6261.76	3.48	--	--
	15	25	6271.94	7/30/13	11.27	6260.67	-1.09	--	--
	15	25	6271.94	9/30/13	12.31	6259.63	-1.04	--	--
	15	25	6271.94	12/10/13	13.91	6258.03	-1.60	--	--
	15	25	6271.94	3/6/14	14.14	6257.80	-0.23	--	--
	15	25	6271.94	6/26/14	12.30	6259.64	1.84	--	--
	15	25	6271.94	9/17/14	14.36	6257.58	-2.06	--	--
	15	25	6271.94	12/16/14	13.58	6258.36	0.78	--	--
	15	25	6271.94	3/26/15	13.84	6258.10	-0.26	--	--
	15	25	6271.94	6/12/15	13.05	6258.89	0.79	--	--
	15	25	6271.94	9/11/15	15.00	6256.94	-1.95	--	--
	15	25	6271.94	12/18/15	15.77	6256.17	-0.77	--	--
	15	25	6271.94	3/25/16	11.92	6260.02	3.85	--	--
	15	25	6271.94	6/21/16	10.66	6261.28	1.26	--	--
	15	25	6271.94	9/28/16	13.18	6258.76	-2.52	--	--
	15	25	6271.94	12/20/16	12.23	6259.71	0.95	--	--
	15	25	6271.94	5/2/17	3.08	6268.86	9.15	--	--
	15	25	6271.94	9/27/17	7.98	6263.96	-4.90	--	--
	15	25	6271.94	12/21/17	10.28	6261.66	-2.30	--	--
	15	25	6271.94	4/4/18	5.40	6266.54	4.88	--	--
	15	25	6271.94	6/25/18	6.55	6265.39	-1.15	--	--
	15	25	6271.94	9/26/18	8.94	6263.00	-2.39	--	--
	15	25	6271.94	11/25/18	9.83	6262.11	-0.89	--	--
	15	25	6271.94	12/6/18	9.71	6262.23	0.12	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-1S	15	25	6271.94	3/28/19	4.41	6267.53	5.30	--	--
	15	25	6271.94	6/3/19	4.45	6267.49	-0.04	--	--
	15	25	6271.94	9/24/19	8.55	6263.39	-4.10	--	--
	15	25	6271.94	12/20/19	9.11	6262.83	-0.56	--	--
	15	25	6271.94	3/26/20	9.31	6262.63	-0.20	--	--
	15	25	6271.94	6/29/20	9.07	6262.87	0.24	--	--
	15	25	6271.94	8/12/20	9.93	6262.01	-0.86	--	--
	15	25	6271.94	9/24/20	10.43	6261.51	-0.50	--	--
	15	25	6271.94	11/19/20	11.33	6260.61	-0.90	--	--
	15	25	6271.94	3/23/21	10.82	6261.12	0.51	--	--
	15	25	6271.94	6/18/21	11.10	6260.84	-0.28	--	--
	15	25	6271.94	9/24/21	12.38	6259.56	-1.28	--	--
	15	25	6271.94	11/10/21	11.90	6260.04	0.48	--	--
	15	25	6271.94	4/4/22	8.60	6263.34	3.30	--	--
	15	25	6271.94	6/28/22	8.82	6263.12	-0.22	--	--
	15	25	6271.94	9/30/22	10.74	6261.20	-1.92	--	--
	15	25	6271.94	12/23/22	11.46	6260.48	-0.72	--	--
	15	25	6271.94	6/6/23	3.39	6268.55	8.07	--	--
	15	25	6271.94	9/27/23	7.04	6264.90	-3.65	--	--
	15	25	6271.94	12/18/23	8.58	6263.36	-1.54	--	--
	15	25	6271.94	3/18/24	6.01	6265.93	2.57	--	--
	15	25	6271.94	6/17/24	6.23	6265.71	-0.22	--	--
	15	25	6271.94	9/23/24	9.05	6262.89	-2.82	--	--
	15	25	6271.94	1/2/25	9.45	6262.49	-0.40	0.007	19
	15	25	6271.94	3/25/25	8.32	6263.62	1.13	0.007	27
LW-MW-1D	40	50	6271.81	5/2/17	10.31	6261.50	--	--	--
	40	50	6271.81	9/27/17	14.94	6256.87	-4.63	--	--
	40	50	6271.81	12/21/17	14.17	6257.64	0.77	--	--
	40	50	6271.81	4/4/18	15.06	6256.75	-0.89	--	--
	40	50	6271.81	6/25/18	16.72	6255.09	-1.66	--	--
	40	50	6271.81	9/26/18	19.19	6252.62	-2.47	--	--
	40	50	6271.81	11/25/18	18.96	6252.85	0.23	--	--
	40	50	6271.81	12/6/18	18.70	6253.11	0.26	--	--
	40	50	6271.81	3/28/19	15.15	6256.66	3.55	--	--
	40	50	6271.81	6/3/19	14.80	6257.01	0.35	--	--
	40	50	6271.81	6/4/19	15.80	6256.01	-1.00	--	--
	40	50	6271.81	9/24/19	18.52	6253.29	-2.72	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-1D	40	50	6271.81	12/20/19	17.70	6254.11	0.82	--	--
	40	50	6271.81	3/26/20	17.22	6254.59	0.48	--	--
	40	50	6271.81	6/29/20	18.22	6253.59	-1.00	--	--
	40	50	6271.81	8/12/20	19.23	6252.58	-1.01	--	--
	40	50	6271.81	9/24/20	19.44	6252.37	-0.21	--	--
	40	50	6271.81	11/19/20	19.20	6252.61	0.24	--	--
	40	50	6271.81	3/23/21	18.68	6253.13	0.52	--	--
	40	50	6271.81	6/18/21	19.75	6252.06	-1.07	--	--
	40	50	6271.81	9/24/21	22.05	6249.76	-2.30	--	--
	40	50	6271.81	11/10/21	20.04	6251.77	2.01	--	--
	40	50	6271.81	4/4/22	17.65	6254.16	2.39	--	--
	40	50	6271.81	6/28/22	18.60	6253.21	-0.95	--	--
	40	50	6271.81	9/30/22	20.20	6251.61	-1.60	--	--
	40	50	6271.81	12/23/22	20.23	6251.58	-0.03	--	--
	40	50	6271.81	6/6/23	13.05	6258.76	7.18	--	--
	40	50	6271.81	9/27/23	16.22	6255.59	-3.17	--	--
	40	50	6271.81	12/18/23	16.62	6255.19	-0.40	--	--
	40	50	6271.81	3/18/24	15.40	6256.41	1.22	--	--
	40	50	6271.81	6/17/24	15.94	6255.87	-0.54	--	--
	40	50	6271.81	9/23/24	17.39	6254.42	-1.45	--	--
	40	50	6271.81	1/2/25	18.02	6253.79	-0.63	--	--
	40	50	6271.81	3/25/25	16.37	6255.44	1.65	--	--
LW-MW-2S	22.5	32.5	6272.84	8/13/08	14.99	6257.85	--	--	--
	22.5	32.5	6272.84	12/4/09	17.29	6255.55	-2.30	--	--
	22.5	32.5	6272.84	3/23/10	15.44	6257.40	1.85	--	--
	22.5	32.5	6272.84	6/15/10	13.21	6259.63	2.23	--	--
	22.5	32.5	6272.84	9/8/10	14.85	6257.99	-1.64	--	--
	22.5	32.5	6272.84	12/16/10	14.11	6258.73	0.74	--	--
	22.5	32.5	6272.84	5/11/11	7.41	6265.43	6.70	--	--
	22.5	32.5	6272.84	9/29/11	11.76	6261.08	-4.35	--	--
	22.5	32.5	6272.84	12/9/11	12.63	6260.21	-0.87	--	--
	22.5	32.5	6272.84	3/29/12	11.85	6260.99	0.78	--	--
	22.5	32.5	6272.84	6/8/12	12.73	6260.11	-0.88	--	--
	22.5	32.5	6272.84	8/21/12	13.64	6259.20	-0.91	--	--
	22.5	32.5	6272.84	11/19/12	14.97	6257.87	-1.33	--	--
	22.5	32.5	6272.84	3/11/13	12.84	6260.00	2.13	--	--
	22.5	32.5	6272.84	7/30/13	14.32	6258.52	-1.48	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-2S	22.5	32.5	6272.84	9/30/13	15.11	6257.73	-0.79	--	--
	22.5	32.5	6272.84	12/10/13	16.52	6256.32	-1.41	--	--
	22.5	32.5	6272.84	3/6/14	15.94	6256.90	0.58	--	--
	22.5	32.5	6272.84	6/26/14	15.40	6257.44	0.54	--	--
	22.5	32.5	6272.84	9/17/14	16.88	6255.96	-1.48	--	--
	22.5	32.5	6272.84	12/16/14	16.89	6255.95	-0.01	--	--
	22.5	32.5	6272.84	3/26/15	17.05	6255.79	-0.16	--	--
	22.5	32.5	6272.84	6/12/15	16.87	6255.97	0.18	--	--
	22.5	32.5	6272.84	9/11/15	17.91	6254.93	-1.04	--	--
	22.5	32.5	6272.84	12/18/15	18.59	6254.25	-0.68	--	--
	22.5	32.5	6272.84	3/25/16	14.74	6258.10	3.85	--	--
	22.5	32.5	6272.84	6/21/16	13.92	6258.92	0.82	--	--
	22.5	32.5	6272.84	9/28/16	15.94	6256.90	-2.02	--	--
	22.5	32.5	6272.84	12/20/16	15.02	6257.82	0.92	--	--
	22.5	32.5	6272.84	5/2/17	6.32	6266.52	8.70	--	--
	22.5	32.5	6272.84	9/27/17	11.20	6261.64	-4.88	--	--
	22.5	32.5	6272.84	12/21/17	10.66	6262.18	0.54	--	--
	22.5	32.5	6272.84	4/4/18	8.59	6264.25	2.07	--	--
	22.5	32.5	6272.84	6/25/18	9.63	6263.21	-1.04	--	--
	22.5	32.5	6272.84	9/26/18	12.33	6260.51	-2.70	--	--
	22.5	32.5	6272.84	11/19/18	12.94	6259.90	-0.61	--	--
	22.5	32.5	6272.84	11/25/18	12.89	6259.95	0.05	--	--
	22.5	32.5	6272.84	12/6/18	12.95	6259.89	-0.06	--	--
	22.5	32.5	6272.84	3/28/19	--	--	--	--	--
	22.5	32.5	6272.84	6/3/19	8.83	6264.01	--	--	--
	22.5	32.5	6272.84	9/24/19	9.68	6263.16	-0.85	--	--
	22.5	32.5	6272.84	12/19/19	12.67	6260.17	-2.99	--	--
	22.5	32.5	6272.84	3/26/20	12.82	6260.02	-0.15	--	--
	22.5	32.5	6272.84	6/29/20	12.92	6259.92	-0.10	--	--
	22.5	32.5	6272.84	8/12/20	13.45	6259.39	-0.53	--	--
	22.5	32.5	6272.84	9/24/20	13.99	6258.85	-0.54	--	--
	22.5	32.5	6272.84	11/19/20	14.61	6258.23	-0.62	--	--
	22.5	32.5	6272.84	3/23/21	14.07	6258.77	0.54	--	--
	22.5	32.5	6272.84	6/18/21	14.60	6258.24	-0.53	--	--
	22.5	32.5	6272.84	9/24/21	15.86	6256.98	-1.26	--	--
	22.5	32.5	6272.84	11/10/21	15.21	6257.63	0.65	--	--
	22.5	32.5	6272.84	4/4/22	11.98	6260.86	3.23	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-2S	22.5	32.5	6272.84	6/28/22	12.46	6260.38	-0.48	--	--
	22.5	32.5	6272.84	9/30/22	14.22	6258.62	-1.76	--	--
	22.5	32.5	6272.84	12/23/22	--	--	--	--	--
	22.5	32.5	6272.84	6/5/23	7.18	6265.66	--	--	--
	22.5	32.5	6272.84	9/27/23	10.59	6262.25	-3.41	--	--
	22.5	32.5	6272.84	12/18/23	11.35	6261.49	-0.76	--	--
	22.5	32.5	6272.84	3/18/24	9.46	6263.38	1.89	--	--
	22.5	32.5	6272.84	6/17/24	9.66	6263.18	-0.20	--	--
	22.5	32.5	6272.84	9/23/24	12.39	6260.45	-2.73	--	--
	22.5	32.5	6272.84	1/2/25	12.63	6260.21	-0.24	--	--
	22.5	32.5	6272.84	3/25/25	10.56	6262.28	2.07	0.007	27
LW-MW-2D	39.5	49.5	6272.80	5/2/17	12.53	6260.27	--	--	--
	39.5	49.5	6272.80	9/27/17	16.80	6256.00	-4.27	--	--
	39.5	49.5	6272.80	12/21/17	15.98	6256.82	0.82	--	--
	39.5	49.5	6272.80	4/4/18	15.65	6257.15	0.33	--	--
	39.5	49.5	6272.80	6/25/18	16.60	6256.20	-0.95	--	--
	39.5	49.5	6272.80	9/26/18	19.14	6253.66	-2.54	--	--
	39.5	49.5	6272.80	11/19/18	18.99	6253.81	0.15	--	--
	39.5	49.5	6272.80	11/25/18	18.97	6253.83	0.02	--	--
	39.5	49.5	6272.80	12/6/18	18.80	6254.00	0.17	--	--
	39.5	49.5	6272.80	3/28/19	--	--	--	--	--
	39.5	49.5	6272.80	6/3/19	15.06	6257.74	--	--	--
	39.5	49.5	6272.80	9/24/19	17.47	6255.33	-2.41	--	--
	39.5	49.5	6272.80	12/20/19	18.62	6254.18	-1.15	--	--
	39.5	49.5	6272.80	3/26/20	18.88	6253.92	-0.26	--	--
	39.5	49.5	6272.80	6/29/20	19.13	6253.67	-0.25	--	--
	39.5	49.5	6272.80	8/12/20	20.15	6252.65	-1.02	--	--
	39.5	49.5	6272.80	9/24/20	20.70	6252.10	-0.55	--	--
	39.5	49.5	6272.80	11/19/20	20.46	6252.34	0.24	--	--
	39.5	49.5	6272.80	3/23/21	19.88	6252.92	0.58	--	--
	39.5	49.5	6272.80	6/18/21	20.98	6251.82	-1.10	--	--
	39.5	49.5	6272.80	9/24/21	22.30	6250.50	-1.32	--	--
	39.5	49.5	6272.80	11/10/21	21.31	6251.49	0.99	--	--
	39.5	49.5	6272.80	4/4/22	20.14	6252.66	1.17	--	--
	39.5	49.5	6272.80	6/28/22	19.70	6253.10	0.44	--	--
	39.5	49.5	6272.80	9/30/22	21.35	6251.45	-1.65	--	--
	39.5	49.5	6272.80	12/23/22	--	--	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-2D	39.5	49.5	6272.80	6/5/23	14.34	6258.46	--	--	--
	39.5	49.5	6272.80	9/27/23	19.01	6253.79	-4.67	--	--
	39.5	49.5	6272.80	12/18/23	17.33	6255.47	1.68	--	--
	39.5	49.5	6272.80	3/18/24	16.39	6256.41	0.94	--	--
	39.5	49.5	6272.80	6/17/24	17.90	6254.90	-1.51	--	--
	39.5	49.5	6272.80	9/23/24	19.19	6253.61	-1.29	--	--
	39.5	49.5	6272.80	1/2/25	19.05	6253.75	0.14	--	--
	39.5	49.5	6272.80	3/25/25	17.28	6255.52	1.77	--	--
LW-MW-5S	19	29	6269.99	8/13/08	14.04	6255.95	--	--	--
	19	29	6269.99	12/4/09	14.85	6255.14	-0.81	--	--
	19	29	6269.99	3/23/10	14.21	6255.78	0.64	--	--
	19	29	6269.99	6/15/10	9.75	6260.24	4.46	--	--
	19	29	6269.99	9/8/10	12.06	6257.93	-2.31	--	--
	19	29	6269.99	12/16/10	--	--	--	--	--
	19	29	6269.99	5/11/11	4.75	6265.24	--	--	--
	19	29	6269.99	9/29/11	9.21	6260.78	-4.46	--	--
	19	29	6269.99	12/9/11	8.94	6261.05	0.27	--	--
	19	29	6269.99	3/29/12	7.94	6262.05	1.00	--	--
	19	29	6269.99	6/8/12	8.84	6261.15	-0.90	--	--
	19	29	6269.99	8/21/12	11.84	6258.15	-3.00	--	--
	19	29	6269.99	11/19/12	15.25	6254.74	-3.41	--	--
	19	29	6269.99	3/11/13	9.25	6260.74	6.00	--	--
	19	29	6269.99	7/30/13	10.22	6259.77	-0.97	--	--
	19	29	6269.99	9/30/13	11.36	6258.63	-1.14	--	--
	19	29	6269.99	12/10/13	14.32	6255.67	-2.96	--	--
	19	29	6269.99	3/6/14	12.93	6257.06	1.39	--	--
	19	29	6269.99	6/26/14	11.27	6258.72	1.66	--	--
	19	29	6269.99	9/17/14	12.73	6257.26	-1.46	--	--
	19	29	6269.99	12/16/14	12.89	6257.10	-0.16	--	--
	19	29	6269.99	3/26/15	12.63	6257.36	0.26	--	--
	19	29	6269.99	6/12/15	11.78	6258.21	0.85	--	--
	19	29	6269.99	9/11/15	13.91	6256.08	-2.13	--	--
	19	29	6269.99	12/18/15	14.31	6255.68	-0.40	--	--
	19	29	6269.99	3/25/16	10.65	6259.34	3.66	--	--
	19	29	6269.99	6/21/16	9.54	6260.45	1.11	--	--
	19	29	6269.99	9/28/16	12.31	6257.68	-2.77	--	--
	19	29	6269.99	12/20/16	11.05	6258.94	1.26	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-5S	19	29	6269.99	5/2/17	2.12	6267.87	8.93	--	--
	19	29	6269.99	9/27/17	6.86	6263.13	-4.74	--	--
	19	29	6269.99	12/21/17	7.50	6262.49	-0.64	--	--
	19	29	6269.99	4/4/18	4.75	6265.24	2.75	--	--
	19	29	6269.99	6/25/18	5.63	6264.36	-0.88	--	--
	19	29	6269.99	9/26/18	8.20	6261.79	-2.57	--	--
	19	29	6269.99	11/19/18	12.89	6257.10	-4.69	--	--
	19	29	6269.99	11/25/18	9.06	6260.93	3.83	--	--
	19	29	6269.99	12/6/18	8.97	6261.02	0.09	--	--
	19	29	6269.99	3/28/19	--	--	--	--	--
	19	29	6269.99	6/3/19	3.65	6266.34	--	--	--
	19	29	6269.99	9/24/19	7.81	6262.18	-4.16	--	--
	19	29	6269.99	12/19/19	8.30	6261.69	-0.49	--	--
	19	29	6269.99	3/26/20	--	--	--	--	--
	19	29	6269.99	6/29/20	8.31	6261.68	--	--	--
	19	29	6269.99	8/12/20	9.18	6260.81	-0.87	--	--
	19	29	6269.99	9/24/20	9.81	6260.18	-0.63	--	--
	19	29	6269.99	11/19/20	10.70	6259.29	-0.89	--	--
	19	29	6269.99	3/23/21	10.05	6259.94	0.65	--	--
	19	29	6269.99	6/18/21	10.50	6259.49	-0.45	--	--
	19	29	6269.99	9/24/21	11.76	6258.23	-1.26	--	--
	19	29	6269.99	11/10/21	11.10	6258.89	0.66	--	--
	19	29	6269.99	4/4/22	8.00	6261.99	3.10	--	--
	19	29	6269.99	6/28/22	8.30	6261.69	-0.30	--	--
	19	29	6269.99	9/30/22	10.19	6259.80	-1.89	--	--
	19	29	6269.99	12/23/22	--	--	--	--	--
	19	29	6269.99	6/5/23	2.85	6267.14	--	--	--
	19	29	6269.99	9/27/23	6.48	6263.51	-3.63	--	--
	19	29	6269.99	12/18/23	8.75	6261.24	-2.27	--	--
	19	29	6269.99	3/18/24	5.50	6264.49	3.25	--	--
	19	29	6269.99	6/17/24	5.79	6264.20	-0.29	--	--
	19	29	6269.99	9/23/24	8.52	6261.47	-2.73	--	--
	19	29	6269.99	1/2/25	8.85	6261.14	-0.33	0.007	19
	19	29	6269.99	3/25/25	6.44	6263.55	2.41	0.007	27
LW-MW-5D	40.5	50.5	6269.76	5/2/17	12.58	6257.18	--	--	--
	40.5	50.5	6269.76	9/27/17	16.51	6253.25	-3.93	--	--
	40.5	50.5	6269.76	12/21/17	15.30	6254.46	1.21	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-5D	40.5	50.5	6269.76	4/4/18	14.33	6255.43	0.97	--	--
	40.5	50.5	6269.76	6/25/18	16.17	6253.59	-1.84	--	--
	40.5	50.5	6269.76	9/26/18	18.60	6251.16	-2.43	--	--
	40.5	50.5	6269.76	11/19/18	18.24	6251.52	0.36	--	--
	40.5	50.5	6269.76	12/6/18	17.98	6251.78	0.26	--	--
	40.5	50.5	6269.76	3/28/19	--	--	--	--	--
	40.5	50.5	6269.76	6/3/19	14.28	6255.48	--	--	--
	40.5	50.5	6269.76	9/24/19	18.02	6251.74	-3.74	--	--
	40.5	50.5	6269.76	12/19/19	17.03	6252.73	0.99	--	--
	40.5	50.5	6269.76	3/26/20	--	--	--	--	--
	40.5	50.5	6269.76	6/29/20	18.54	6251.22	--	--	--
	40.5	50.5	6269.76	8/12/20	19.68	6250.08	-1.14	--	--
	40.5	50.5	6269.76	9/24/20	20.20	6249.56	-0.52	--	--
	40.5	50.5	6269.76	11/19/20	19.47	6250.29	0.73	--	--
	40.5	50.5	6269.76	3/23/21	19.00	6250.76	0.47	--	--
	40.5	50.5	6269.76	6/18/21	20.27	6249.49	-1.27	--	--
	40.5	50.5	6269.76	9/24/21	21.65	6248.11	-1.38	--	--
	40.5	50.5	6269.76	11/10/21	20.28	6249.48	1.37	--	--
	40.5	50.5	6269.76	4/4/22	18.14	6251.62	2.14	--	--
	40.5	50.5	6269.76	6/28/22	19.34	6250.42	-1.20	--	--
	40.5	50.5	6269.76	9/30/22	20.75	6249.01	-1.41	--	--
	40.5	50.5	6269.76	12/23/22	--	--	--	--	--
	40.5	50.5	6269.76	6/5/23	13.88	6255.88	--	--	--
	40.5	50.5	6269.76	9/27/23	16.71	6253.05	-2.83	--	--
	40.5	50.5	6269.76	12/18/23	17.73	6252.03	-1.02	--	--
	40.5	50.5	6269.76	3/18/24	15.68	6254.08	2.05	--	--
	40.5	50.5	6269.76	6/17/24	16.34	6253.42	-0.66	--	--
	40.5	50.5	6269.76	9/23/24	18.34	6251.42	-2.00	--	--
	40.5	50.5	6269.76	1/2/25	17.96	6251.80	0.38	--	--
	40.5	50.5	6269.76	3/25/25	16.36	6253.40	1.60	--	--
LW-MW-9S	10	25	6273.46	12/4/09	16.01	6257.45	--	--	--
	10	25	6273.46	3/23/10	14.82	6258.64	1.19	--	--
	10	25	6273.46	6/15/10	12.29	6261.17	2.53	--	--
	10	25	6273.46	9/8/10	13.91	6259.55	-1.62	--	--
	10	25	6273.46	12/16/10	14.75	6258.71	-0.84	--	--
	10	25	6273.46	5/11/11	6.37	6267.09	8.38	--	--
	10	25	6273.46	9/29/11	12.51	6260.95	-6.14	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-9S	10	25	6273.46	12/9/11	11.57	6261.89	0.94	--	--
	10	25	6273.46	3/29/12	10.68	6262.78	0.89	--	--
	10	25	6273.46	6/8/12	12.76	6260.70	-2.08	--	--
	10	25	6273.46	8/21/12	13.92	6259.54	-1.16	--	--
	10	25	6273.46	11/19/12	15.26	6258.20	-1.34	--	--
	10	25	6273.46	3/11/13	11.66	6261.80	3.60	--	--
	10	25	6273.46	7/30/13	12.69	6260.77	-1.03	--	--
	10	25	6273.46	9/30/13	13.75	6259.71	-1.06	--	--
	10	25	6273.46	12/10/13	17.23	6256.23	-3.48	--	--
	10	25	6273.46	3/6/14	16.80	6256.66	0.43	--	--
	10	25	6273.46	6/26/14	13.73	6259.73	3.07	--	--
	10	25	6273.46	9/17/14	12.40	6261.06	1.33	--	--
	10	25	6273.46	12/16/14	15.46	6258.00	-3.06	--	--
	10	25	6273.46	3/26/15	13.22	6260.24	2.24	--	--
	10	25	6273.46	6/12/15	7.29	6266.17	5.93	--	--
	10	25	6273.46	9/11/15	16.57	6256.89	-9.28	--	--
	10	25	6273.46	12/18/15	--	--	--	--	--
	10	25	6273.46	3/25/16	13.42	6260.04	--	--	--
	10	25	6273.46	6/21/16	12.18	6261.28	1.24	--	--
	10	25	6273.46	9/28/16	15.91	6257.55	-3.73	--	--
	10	25	6273.46	12/20/16	11.01	6262.45	4.90	--	--
	10	25	6273.46	5/2/17	4.55	6268.91	6.46	--	--
	10	25	6273.46	9/27/17	9.47	6263.99	-4.92	--	--
	10	25	6273.46	12/21/17	7.63	6265.83	1.84	--	--
	10	25	6273.46	4/4/18	7.07	6266.39	0.56	--	--
	10	25	6273.46	6/25/18	4.56	6268.90	2.51	--	--
	10	25	6273.46	9/26/18	10.59	6262.87	-6.03	--	--
	10	25	6273.46	11/19/18	11.87	6261.59	-1.28	--	--
	10	25	6273.46	11/25/18	11.54	6261.92	0.33	--	--
	10	25	6273.46	12/6/18	11.46	6262.00	0.08	--	--
	10	25	6273.46	3/28/19	5.58	6267.88	5.88	--	--
	10	25	6273.46	6/3/19	6.10	6267.36	-0.52	--	--
	10	25	6273.46	9/24/19	10.21	6263.25	-4.11	--	--
	10	25	6273.46	12/20/19	10.81	6262.65	-0.60	--	--
	10	25	6273.46	3/26/20	11.31	6262.15	-0.50	--	--
	10	25	6273.46	6/29/20	10.76	6262.70	0.55	--	--
	10	25	6273.46	8/12/20	11.64	6261.82	-0.88	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-9S	10	25	6273.46	9/24/20	11.30	6262.16	0.34	--	--
	10	25	6273.46	11/19/20	13.20	6260.26	-1.90	--	--
	10	25	6273.46	3/23/21	12.71	6260.75	0.49	--	--
	10	25	6273.46	6/18/21	13.02	6260.44	-0.31	--	--
	10	25	6273.46	9/24/21	14.30	6259.16	-1.28	--	--
	10	25	6273.46	11/10/21	13.78	6259.68	0.52	--	--
	10	25	6273.46	4/4/22	10.50	6262.96	3.28	--	--
	10	25	6273.46	6/28/22	10.70	6262.76	-0.20	--	--
	10	25	6273.46	9/30/22	12.65	6260.81	-1.95	--	--
	10	25	6273.46	12/23/22	--	--	--	--	--
	10	25	6273.46	6/6/23	5.23	6268.23	--	--	--
	10	25	6273.46	9/27/23	6.40	6267.06	-1.17	--	--
	10	25	6273.46	12/18/23	10.75	6262.71	-4.35	--	--
	10	25	6273.46	3/18/24	7.93	6265.53	2.82	--	--
	10	25	6273.46	6/17/24	8.13	6265.33	-0.20	--	--
	10	25	6273.46	9/23/24	10.98	6262.48	-2.85	--	--
	10	25	6273.46	1/2/25	10.88	6262.58	0.10	0.007	19
	10	25	6273.46	3/25/25	10.56	6262.90	0.32	0.007	27
LW-MW-10S	--	--	--	12/4/09	14.30	--	--	--	--
	--	--	--	3/23/10	13.27	--	--	--	--
	--	--	--	6/15/10	10.55	--	--	--	--
	--	--	--	9/8/10	12.13	--	--	--	--
	--	--	--	12/16/10	11.07	--	--	--	--
	--	--	--	5/11/11	4.41	--	--	--	--
	--	--	--	9/29/11	9.20	--	--	--	--
	--	--	--	12/9/11	9.80	--	--	--	--
	--	--	--	3/29/12	9.02	--	--	--	--
	--	--	--	6/8/12	9.43	--	--	--	--
	--	--	--	8/21/12	10.45	--	--	--	--
	--	--	--	11/19/12	N/A	--	--	--	--
	--	--	--	1/2/25	N/A	--	--	--	--
LW-MW-10SR	10	25	6272.33	7/30/13	11.73	6260.60	--	--	--
	10	25	6272.33	9/30/13	11.95	6260.38	-0.22	--	--
	10	25	6272.33	12/10/13	13.40	6258.93	-1.45	--	--
	10	25	6272.33	3/6/14	13.21	6259.12	0.19	--	--
	10	25	6272.33	6/26/14	11.99	6260.34	1.22	--	--
	10	25	6272.33	9/17/14	13.61	6258.72	-1.62	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-10SR	10	25	6272.33	12/16/14	14.78	6257.55	-1.17	--	--
	10	25	6272.33	3/26/15	13.75	6258.58	1.03	--	--
	10	25	6272.33	6/12/15	12.99	6259.34	0.76	--	--
	10	25	6272.33	9/11/15	14.82	6257.51	-1.83	--	--
	10	25	6272.33	12/18/15	16.58	6255.75	-1.76	--	--
	10	25	6272.33	3/25/16	11.95	6260.38	4.63	--	--
	10	25	6272.33	6/21/16	10.39	6261.94	1.56	--	--
	10	25	6272.33	9/28/16	12.83	6259.50	-2.44	--	--
	10	25	6272.33	12/20/16	12.05	6260.28	0.78	--	--
	10	25	6272.33	5/2/17	2.60	6269.73	9.45	--	--
	10	25	6272.33	9/27/17	7.69	6264.64	-5.09	--	--
	10	25	6272.33	12/21/17	8.62	6263.71	-0.93	--	--
	10	25	6272.33	4/4/18	5.33	6267.00	3.29	--	--
	10	25	6272.33	6/25/18	6.12	6266.21	-0.79	--	--
	10	25	6272.33	9/26/18	8.88	6263.45	-2.76	--	--
	10	25	6272.33	11/19/18	9.81	6262.52	-0.93	--	--
	10	25	6272.33	11/25/18	9.81	6262.52	0.00	--	--
	10	25	6272.33	12/6/18	9.76	6262.57	0.05	--	--
	10	25	6272.33	3/28/19	4.16	6268.17	5.60	--	--
	10	25	6272.33	6/3/19	4.28	6268.05	-0.12	--	--
	10	25	6272.33	9/24/19	8.48	6263.85	-4.20	--	--
	10	25	6272.33	12/19/19	9.12	6263.21	-0.64	--	--
	10	25	6272.33	3/26/20	9.51	6262.82	-0.39	--	--
	10	25	6272.33	6/29/20	8.93	6263.40	0.58	--	--
	10	25	6272.33	8/12/20	9.81	6262.52	-0.88	--	--
	10	25	6272.33	9/24/20	10.49	6261.84	-0.68	--	--
	10	25	6272.33	11/19/20	11.38	6260.95	-0.89	--	--
	10	25	6272.33	3/23/21	11.04	6261.29	0.34	--	--
	10	25	6272.33	6/18/21	11.30	6261.03	-0.26	--	--
	10	25	6272.33	9/24/21	12.56	6259.77	-1.26	--	--
	10	25	6272.33	11/10/21	12.11	6260.22	0.45	--	--
	10	25	6272.33	4/4/22	8.70	6263.63	3.41	--	--
	10	25	6272.33	6/28/22	8.92	6263.41	-0.22	--	--
	10	25	6272.33	9/30/22	10.85	6261.48	-1.93	--	--
	10	25	6272.33	12/23/22	--	--	--	--	--
	10	25	6272.33	6/5/23	3.28	6269.05	--	--	--
	10	25	6272.33	9/27/23	7.05	6265.28	-3.77	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-10SR	10	25	6272.33	12/18/23	8.65	6263.68	-1.60	--	--
	10	25	6272.33	3/18/24	5.98	6266.35	2.67	--	--
	10	25	6272.33	6/17/24	6.10	6266.23	-0.12	--	--
	10	25	6272.33	9/23/24	10.03	6262.30	-3.93	--	--
	10	25	6272.33	1/2/25	9.50	6262.83	0.53	0.007	19
	10	25	6272.33	3/25/25	7.33	6265.00	2.17	0.007	27
LW-MW-11S	10	25	6272.08	12/4/09	14.91	6257.17	--	--	--
	10	25	6272.08	3/23/10	14.72	6257.36	0.19	--	--
	10	25	6272.08	6/15/10	11.38	6260.70	3.34	--	--
	10	25	6272.08	9/8/10	12.87	6259.21	-1.49	--	--
	10	25	6272.08	12/16/10	14.95	6257.13	-2.08	--	--
	10	25	6272.08	5/11/11	5.40	6266.68	9.55	--	--
	10	25	6272.08	9/29/11	10.25	6261.83	-4.85	--	--
	10	25	6272.08	12/9/11	10.61	6261.47	-0.36	--	--
	10	25	6272.08	3/29/12	9.79	6262.29	0.82	--	--
	10	25	6272.08	6/8/12	10.52	6261.56	-0.73	--	--
	10	25	6272.08	8/21/12	11.06	6261.02	-0.54	--	--
	10	25	6272.08	11/19/12	13.03	6259.05	-1.97	--	--
	10	25	6272.08	3/11/13	11.84	6260.24	1.19	--	--
	10	25	6272.08	7/30/13	11.74	6260.34	0.10	--	--
	10	25	6272.08	9/30/13	12.85	6259.23	-1.11	--	--
	10	25	6272.08	12/10/13	14.59	6257.49	-1.74	--	--
	10	25	6272.08	3/6/14	14.01	6258.07	0.58	--	--
	10	25	6272.08	6/26/14	12.80	6259.28	1.21	--	--
	10	25	6272.08	9/17/14	14.31	6257.77	-1.51	--	--
	10	25	6272.08	12/16/14	14.62	6257.46	-0.31	--	--
	10	25	6272.08	3/26/15	--	--	--	--	--
	10	25	6272.08	6/12/15	13.97	6258.11	--	--	--
	10	25	6272.08	9/11/15	15.69	6256.39	-1.72	--	--
	10	25	6272.08	12/18/15	16.59	6255.49	-0.90	--	--
	10	25	6272.08	3/25/16	12.44	6259.64	4.15	--	--
	10	25	6272.08	6/21/16	11.36	6260.72	1.08	--	--
	10	25	6272.08	9/28/16	14.92	6257.16	-3.56	--	--
	10	25	6272.08	12/20/16	11.40	6260.68	3.52	--	--
	10	25	6272.08	5/2/17	3.51	6268.57	7.89	--	--
	10	25	6272.08	9/27/17	9.42	6262.66	-5.91	--	--
	10	25	6272.08	12/21/17	6.42	6265.66	3.00	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-11S	10	25	6272.08	4/4/18	6.47	6265.61	-0.05	--	--
	10	25	6272.08	6/25/18	7.29	6264.79	-0.82	--	--
	10	25	6272.08	9/26/18	9.83	6262.25	-2.54	--	--
	10	25	6272.08	11/19/18	10.88	6261.20	-1.05	--	--
	10	25	6272.08	11/25/18	10.89	6261.19	-0.01	--	--
	10	25	6272.08	12/6/18	10.88	6261.20	0.01	--	--
	10	25	6272.08	3/28/19	5.59	6266.49	5.29	--	--
	10	25	6272.08	6/3/19	5.30	6266.78	0.29	--	--
	10	25	6272.08	9/24/19	9.51	6262.57	-4.21	--	--
	10	25	6272.08	12/19/19	10.15	6261.93	-0.64	--	--
	10	25	6272.08	3/26/20	10.74	6261.34	-0.59	--	--
	10	25	6272.08	6/29/20	10.08	6262.00	0.66	--	--
	10	25	6272.08	8/12/20	10.92	6261.16	-0.84	--	--
	10	25	6272.08	9/24/20	11.64	6260.44	-0.72	--	--
	10	25	6272.08	11/19/20	12.65	6259.43	-1.01	--	--
	10	25	6272.08	3/23/21	12.06	6260.02	0.59	--	--
	10	25	6272.08	6/18/21	12.43	6259.65	-0.37	--	--
	10	25	6272.08	9/24/21	13.70	6258.38	-1.27	--	--
	10	25	6272.08	11/10/21	13.08	6259.00	0.62	--	--
	10	25	6272.08	4/4/22	9.97	6262.11	3.11	--	--
	10	25	6272.08	6/28/22	10.15	6261.93	-0.18	--	--
	10	25	6272.08	9/30/22	12.08	6260.00	-1.93	--	--
	10	25	6272.08	12/23/22	--	--	--	--	--
	10	25	6272.08	6/5/23	4.08	6268.00	--	--	--
	10	25	6272.08	9/27/23	8.16	6263.92	-4.08	--	--
	10	25	6272.08	12/18/23	8.74	6263.34	-0.58	--	--
	10	25	6272.08	3/18/24	7.48	6264.60	1.26	--	--
	10	25	6272.08	6/17/24	7.54	6264.54	-0.06	--	--
	10	25	6272.08	9/23/24	10.27	6261.81	-2.73	--	--
	10	25	6272.08	1/2/25	10.73	6261.35	-0.46	0.007	19
	10	25	6272.08	3/25/25	8.80	6263.28	1.93	0.007	27
LW-MW-12S	10	25	6271.11	12/4/09	15.00	6256.11	--	--	--
	10	25	6271.11	3/23/10	13.36	6257.75	1.64	--	--
	10	25	6271.11	6/15/10	9.99	6261.12	3.37	--	--
	10	25	6271.11	9/8/10	11.57	6259.54	-1.58	--	--
	10	25	6271.11	12/16/10	--	--	--	--	--
	10	25	6271.11	5/11/11	4.07	6267.04	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-12S	10	25	6271.11	9/29/11	10.75	6260.36	-6.68	--	--
	10	25	6271.11	12/9/11	9.15	6261.96	1.60	--	--
	10	25	6271.11	3/29/12	--	--	--	--	--
	10	25	6271.11	6/8/12	9.51	6261.60	--	--	--
	10	25	6271.11	8/21/12	9.37	6261.74	0.14	--	--
	10	25	6271.11	11/19/12	11.31	6259.80	-1.94	--	--
	10	25	6271.11	3/11/13	--	--	--	--	--
	10	25	6271.11	7/30/13	10.31	6260.80	--	--	--
	10	25	6271.11	9/30/13	11.32	6259.79	-1.01	--	--
	10	25	6271.11	12/10/13	--	--	--	--	--
	10	25	6271.11	3/6/14	12.57	6258.54	--	--	--
	10	25	6271.11	6/26/14	11.32	6259.79	1.25	--	--
	10	25	6271.11	9/17/14	13.05	6258.06	-1.73	--	--
	10	25	6271.11	12/16/14	12.96	6258.15	0.09	--	--
	10	25	6271.11	3/26/15	13.00	6258.11	-0.04	--	--
	10	25	6271.11	6/12/15	12.50	6258.61	0.50	--	--
	10	25	6271.11	9/11/15	14.04	6257.07	-1.54	--	--
	10	25	6271.11	12/18/15	--	--	--	--	--
	10	25	6271.11	3/25/16	11.08	6260.03	--	--	--
	10	25	6271.11	6/21/16	9.72	6261.39	1.36	--	--
	10	25	6271.11	9/28/16	12.24	6258.87	-2.52	--	--
	10	25	6271.11	12/20/16	--	--	--	--	--
	10	25	6271.11	5/2/17	2.20	6268.91	--	--	--
	10	25	6271.11	9/27/17	7.09	6264.02	-4.89	--	--
	10	25	6271.11	12/21/17	--	--	--	--	--
	10	25	6271.11	4/4/18	--	--	--	--	--
	10	25	6271.11	6/25/18	5.46	6265.65	--	--	--
	10	25	6271.11	9/26/18	8.15	6262.96	-2.69	--	--
	10	25	6271.11	11/19/18	8.98	6262.13	-0.83	--	--
	10	25	6271.11	11/25/18	8.99	6262.12	-0.01	--	--
	10	25	6271.11	12/6/18	--	--	--	--	--
	10	25	6271.11	3/28/19	--	--	--	--	--
	10	25	6271.11	6/3/19	3.65	6267.46	--	--	--
	10	25	6271.11	9/9/19	7.85	6263.26	-4.20	--	--
	10	25	6271.11	12/20/19	--	--	--	--	--
	10	25	6271.11	3/26/20	--	--	--	--	--
	10	25	6271.11	6/29/20	8.26	6262.85	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-12S	10	25	6271.11	8/12/20	9.11	6262.00	-0.85	--	--
	10	25	6271.11	9/24/20	9.71	6261.40	-0.60	--	--
	10	25	6271.11	11/19/20	10.68	6260.43	-0.97	--	--
	10	25	6271.11	3/23/21	--	--	--	--	--
	10	25	6271.11	6/18/21	10.51	6260.60	--	--	--
	10	25	6271.11	9/24/21	11.76	6259.35	-1.25	--	--
	10	25	6271.11	11/10/21	11.24	6259.87	0.52	--	--
	10	25	6271.11	4/4/22	7.90	6263.21	3.34	--	--
	10	25	6271.11	6/28/22	8.21	6262.90	-0.31	--	--
	10	25	6271.11	9/30/22	10.10	6261.01	-1.89	--	--
	10	25	6271.11	12/23/22	--	--	--	--	--
	10	25	6271.11	6/5/23	2.79	6268.32	--	--	--
	10	25	6271.11	9/27/23	6.38	6264.73	-3.59	--	--
	10	25	6271.11	12/18/23	8.61	6262.50	-2.23	--	--
	10	25	6271.11	3/18/24	5.42	6265.69	3.19	--	--
	10	25	6271.11	6/17/24	5.60	6265.51	-0.18	--	--
	10	25	6271.11	9/23/24	9.50	6261.61	-3.90	--	--
	10	25	6271.11	1/2/25	8.75	6262.36	0.75	0.007	19
	10	25	6271.11	3/25/25	7.05	6264.06	1.70	0.007	27
LW-MW-13S	10	25	6271.28	12/4/09	14.39	6256.89	--	--	--
	10	25	6271.28	3/23/10	13.20	6258.08	1.19	--	--
	10	25	6271.28	6/15/10	11.02	6260.26	2.18	--	--
	10	25	6271.28	9/8/10	12.42	6258.86	-1.40	--	--
	10	25	6271.28	12/16/10	14.09	6257.19	-1.67	--	--
	10	25	6271.28	5/11/11	5.07	6266.21	9.02	--	--
	10	25	6271.28	9/29/11	10.61	6260.67	-5.54	--	--
	10	25	6271.28	12/9/11	10.19	6261.09	0.42	--	--
	10	25	6271.28	3/29/12	9.37	6261.91	0.82	--	--
	10	25	6271.28	6/8/12	8.85	6262.43	0.52	--	--
	10	25	6271.28	8/21/12	10.22	6261.06	-1.37	--	--
	10	25	6271.28	11/19/12	11.98	6259.30	-1.76	--	--
	10	25	6271.28	3/11/13	--	--	--	--	--
	10	25	6271.28	7/30/13	11.36	6259.92	--	--	--
	10	25	6271.28	9/30/13	12.78	6258.50	-1.42	--	--
	10	25	6271.28	12/10/13	--	--	--	--	--
	10	25	6271.28	3/6/14	12.90	6258.38	--	--	--
	10	25	6271.28	6/26/14	12.46	6258.82	0.44	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-13S	10	25	6271.28	9/17/14	13.42	6257.86	-0.96	--	--
	10	25	6271.28	12/16/14	14.29	6256.99	-0.87	--	--
	10	25	6271.28	3/26/15	14.32	6256.96	-0.03	--	--
	10	25	6271.28	6/12/15	14.17	6257.11	0.15	--	--
	10	25	6271.28	9/11/15	15.25	6256.03	-1.08	--	--
	10	25	6271.28	12/18/15	--	--	--	--	--
	10	25	6271.28	3/25/16	11.98	6259.30	--	--	--
	10	25	6271.28	6/21/16	10.59	6260.69	1.39	--	--
	10	25	6271.28	9/28/16	14.40	6256.88	-3.81	--	--
	10	25	6271.28	12/20/16	12.41	6258.87	1.99	--	--
	10	25	6271.28	5/2/17	3.07	6268.21	9.34	--	--
	10	25	6271.28	9/27/17	7.93	6263.35	-4.86	--	--
	10	25	6271.28	12/21/17	8.56	6262.72	-0.63	--	--
	10	25	6271.28	4/4/18	6.10	6265.18	2.46	--	--
	10	25	6271.28	6/25/18	6.81	6264.47	-0.71	--	--
	10	25	6271.28	9/26/18	9.46	6261.82	-2.65	--	--
	10	25	6271.28	11/19/18	10.51	6260.77	-1.05	--	--
	10	25	6271.28	11/25/18	10.54	6260.74	-0.03	--	--
	10	25	6271.28	12/6/18	10.53	6260.75	0.01	--	--
	10	25	6271.28	3/28/19	5.10	6266.18	5.43	--	--
	10	25	6271.28	6/3/19	4.89	6266.39	0.21	--	--
	10	25	6271.28	9/24/19	9.17	6262.11	-4.28	--	--
	10	25	6271.28	12/19/19	9.79	6261.49	-0.62	--	--
	10	25	6271.28	3/26/20	--	--	--	--	--
	10	25	6271.28	6/29/20	9.77	6261.51	--	--	--
	10	25	6271.28	8/12/20	10.55	6260.73	-0.78	--	--
	10	25	6271.28	9/24/20	11.27	6260.01	-0.72	--	--
	10	25	6271.28	11/19/20	12.24	6259.04	-0.97	--	--
	10	25	6271.28	3/23/21	11.71	6259.57	0.53	--	--
	10	25	6271.28	6/18/21	12.07	6259.21	-0.36	--	--
	10	25	6271.28	9/24/21	13.31	6257.97	-1.24	--	--
	10	25	6271.28	11/10/21	12.65	6258.63	0.66	--	--
	10	25	6271.28	4/4/22	9.65	6261.63	3.00	--	--
	10	25	6271.28	6/28/22	9.95	6261.33	-0.30	--	--
	10	25	6271.28	9/30/22	11.78	6259.50	-1.83	--	--
	10	25	6271.28	12/23/22	--	--	--	--	--
	10	25	6271.28	6/5/23	3.97	6267.31	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-13S	10	25	6271.28	9/27/23	7.81	6263.47	-3.84	--	--
	10	25	6271.28	12/18/23	9.60	6261.68	-1.79	--	--
	10	25	6271.28	3/18/24	6.89	6264.39	2.71	--	--
	10	25	6271.28	6/17/24	7.20	6264.08	-0.31	--	--
	10	25	6271.28	9/23/24	10.02	6261.26	-2.82	--	--
	10	25	6271.28	1/2/25	10.38	6260.90	-0.36	0.007	19
	10	25	6271.28	3/25/25	8.51	6262.77	1.87	0.007	27
OS-1	10	25	6268.58	3/24/10	13.25	6255.33	--	--	--
	10	25	6268.58	6/15/10	11.17	6257.41	2.08	--	--
	10	25	6268.58	9/8/10	12.68	6255.90	-1.51	--	--
	10	25	6268.58	12/16/10	12.13	6256.45	0.55	--	--
	10	25	6268.58	5/11/11	5.91	6262.67	6.22	--	--
	10	25	6268.58	9/29/11	9.25	6259.33	-3.34	--	--
	10	25	6268.58	12/9/11	10.47	6258.11	-1.22	--	--
	10	25	6268.58	3/29/12	9.93	6258.65	0.54	--	--
	10	25	6268.58	6/8/12	9.52	6259.06	0.41	--	--
	10	25	6268.58	8/21/12	11.06	6257.52	-1.54	--	--
	10	25	6268.58	11/19/12	11.41	6257.17	-0.35	--	--
	10	25	6268.58	3/11/13	--	--	--	--	--
	10	25	6268.58	7/30/13	10.69	6257.89	--	--	--
	10	25	6268.58	9/30/13	13.10	6255.48	-2.41	--	--
	10	25	6268.58	12/10/13	14.02	6254.56	-0.92	--	--
	10	25	6268.58	3/6/14	13.41	6255.17	0.61	--	--
	10	25	6268.58	6/26/14	12.71	6255.87	0.70	--	--
	10	25	6268.58	9/17/14	13.86	6254.72	-1.15	--	--
	10	25	6268.58	12/16/14	14.47	6254.11	-0.61	--	--
	10	25	6268.58	3/26/15	12.85	6255.73	1.62	--	--
	10	25	6268.58	6/12/15	14.14	6254.44	-1.29	--	--
	10	25	6268.58	9/11/15	15.30	6253.28	-1.16	--	--
	10	25	6268.58	12/18/15	16.10	6252.48	-0.80	--	--
	10	25	6268.58	3/25/16	11.73	6256.85	4.37	--	--
	10	25	6268.58	6/21/16	10.82	6257.76	0.91	--	--
	10	25	6268.58	9/28/16	13.32	6255.26	-2.50	--	--
	10	25	6268.58	12/20/16	12.63	6255.95	0.69	--	--
	10	25	6268.58	5/2/17	4.09	6264.49	8.54	--	--
	10	25	6268.58	9/27/17	8.42	6260.16	-4.33	--	--
	10	25	6268.58	12/21/17	8.93	6259.65	-0.51	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
OS-1	10	25	6268.58	4/4/18	7.29	6261.29	1.64	--	--
	10	25	6268.58	6/25/18	7.57	6261.01	-0.28	--	--
	10	25	6268.58	9/26/18	10.00	6258.58	-2.43	--	--
	10	25	6268.58	11/19/18	10.96	6257.62	-0.96	--	--
	10	25	6268.58	11/25/18	10.94	6257.64	0.02	--	--
	10	25	6268.58	12/6/18	10.80	6257.78	0.14	--	--
	10	25	6268.58	3/28/19	6.30	6262.28	4.50	--	--
	10	25	6268.58	6/3/19	5.82	6262.76	0.48	--	--
	10	25	6268.58	9/24/19	9.65	6258.93	-3.83	--	--
	10	25	6268.58	12/20/19	10.09	6258.49	-0.44	--	--
	10	25	6268.58	3/26/20	10.71	6257.87	-0.62	--	--
	10	25	6268.58	6/29/20	10.18	6258.40	0.53	--	--
	10	25	6268.58	8/12/20	11.08	6257.50	-0.90	--	--
	10	25	6268.58	9/24/20	11.62	6256.96	-0.54	--	--
	10	25	6268.58	11/19/20	12.55	6256.03	-0.93	--	--
	10	25	6268.58	3/23/21	11.64	6256.94	0.91	--	--
	10	25	6268.58	6/18/21	12.18	6256.40	-0.54	--	--
	10	25	6268.58	9/24/21	13.48	6255.10	-1.30	--	--
	10	25	6268.58	11/10/21	12.58	6256.00	0.90	--	--
	10	25	6268.58	4/4/22	9.85	6258.73	2.73	--	--
	10	25	6268.58	6/28/22	10.25	6258.33	-0.40	--	--
	10	25	6268.58	9/30/22	12.26	6256.32	-2.01	--	--
	10	25	6268.58	12/23/22	--	--	--	--	--
	10	25	6268.58	6/6/23	3.89	6264.69	--	--	--
	10	25	6268.58	9/27/23	7.27	6261.31	-3.38	--	--
	10	25	6268.58	12/18/23	10.15	6258.43	-2.88	--	--
	10	25	6268.58	3/18/24	8.00	6260.58	2.15	--	--
	10	25	6268.58	6/17/24	8.14	6260.44	-0.14	--	--
	10	25	6268.58	9/23/24	10.62	6257.96	-2.48	--	--
	10	25	6268.58	1/2/25	11.04	6257.54	-0.42	0.007	19
	10	25	6268.58	3/25/25	9.11	6259.47	1.93	0.007	27
OS-2S	8.5	23.5	6267.57	11/7/18	9.75	6257.82	--	--	--
	8.5	23.5	6267.57	11/19/18	8.87	6258.70	0.88	--	--
	8.5	23.5	6267.57	11/25/18	8.70	6258.87	0.17	--	--
	8.5	23.5	6267.57	3/28/19	3.77	6263.80	4.93	--	--
	8.5	23.5	6267.57	6/3/19	4.00	6263.57	-0.23	--	--
	8.5	23.5	6267.57	9/24/19	7.67	6259.90	-3.67	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-2S	8.5	23.5	6267.57	12/20/19	8.48	6259.09	-0.81	--	--
	8.5	23.5	6267.57	3/26/20	8.22	6259.35	0.26	--	--
	8.5	23.5	6267.57	6/29/20	8.25	6259.32	-0.03	--	--
	8.5	23.5	6267.57	8/12/20	8.84	6258.73	-0.59	--	--
	8.5	23.5	6267.57	9/24/20	9.55	6258.02	-0.71	--	--
	8.5	23.5	6267.57	11/19/20	10.55	6257.02	-1.00	--	--
	8.5	23.5	6267.57	3/23/21	9.13	6258.44	1.42	--	--
	8.5	23.5	6267.57	6/18/21	9.88	6257.69	-0.75	--	--
	8.5	23.5	6267.57	9/24/21	11.23	6256.34	-1.35	--	--
	8.5	23.5	6267.57	11/10/21	9.97	6257.60	1.26	--	--
	8.5	23.5	6267.57	4/4/22	7.25	6260.32	2.72	--	--
	8.5	23.5	6267.57	6/28/22	7.91	6259.66	-0.66	--	--
	8.5	23.5	6267.57	9/30/22	9.87	6257.70	-1.96	--	--
	8.5	23.5	6267.57	12/23/22	--	--	--	--	--
	8.5	23.5	6267.57	6/6/23	2.57	6265.00	--	--	--
	8.5	23.5	6267.57	9/28/23	6.04	6261.53	-3.47	--	--
	8.5	23.5	6267.57	12/18/23	7.62	6259.95	-1.58	--	--
	8.5	23.5	6267.57	3/18/24	5.00	6262.57	2.62	--	--
	8.5	23.5	6267.57	6/17/24	5.61	6261.96	-0.61	--	--
	8.5	23.5	6267.57	9/23/24	8.23	6259.34	-2.62	--	--
	8.5	23.5	6267.57	1/2/25	8.15	6259.42	0.08	0.007	19
	8.5	23.5	6267.57	3/25/25	6.14	6261.43	2.01	0.007	27
OS-2M	42	48	6267.62	11/7/18	12.55	6255.07	--	--	--
	42	48	6267.62	11/19/18	12.40	6255.22	0.15	--	--
	42	48	6267.62	11/25/18	12.42	6255.20	-0.02	--	--
	42	48	6267.62	3/28/19	8.18	6259.44	4.24	--	--
	42	48	6267.62	6/3/19	8.80	6258.82	-0.62	--	--
	42	48	6267.62	9/24/19	11.61	6256.01	-2.81	--	--
	42	48	6267.62	12/20/19	11.51	6256.11	0.10	--	--
	42	48	6267.62	3/26/20	12.20	6255.42	-0.69	--	--
	42	48	6267.62	6/29/20	12.31	6255.31	-0.11	--	--
	42	48	6267.62	8/12/20	13.13	6254.49	-0.82	--	--
	42	48	6267.62	9/24/20	13.75	6253.87	-0.62	--	--
	42	48	6267.62	11/19/20	11.00	6256.62	2.75	--	--
	42	48	6267.62	3/23/21	13.41	6254.21	-2.41	--	--
	42	48	6267.62	6/18/21	14.20	6253.42	-0.79	--	--
	42	48	6267.62	9/24/21	15.51	6252.11	-1.31	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-2M	42	48	6267.62	11/10/21	14.47	6253.15	1.04	--	--
	42	48	6267.62	4/4/22	12.02	6255.60	2.45	--	--
	42	48	6267.62	6/28/22	12.63	6254.99	-0.61	--	--
	42	48	6267.62	9/30/22	14.33	6253.29	-1.70	--	--
	42	48	6267.62	12/23/22	--	--	--	--	--
	42	48	6267.62	6/6/23	7.10	6260.52	--	--	--
	42	48	6267.62	9/28/23	10.30	6257.32	-3.20	--	--
	42	48	6267.62	12/18/23	11.43	6256.19	-1.13	--	--
	42	48	6267.62	3/18/24	9.72	6257.90	1.71	--	--
	42	48	6267.62	6/17/24	9.93	6257.69	-0.21	--	--
	42	48	6267.62	9/23/24	12.41	6255.21	-2.48	--	--
	42	48	6267.62	1/2/25	12.48	6255.14	-0.07	--	--
	42	48	6267.62	3/25/25	10.65	6256.97	1.83	--	--
OS-3S	8.5	23.5	6270.12	11/7/18	10.13	6259.99	--	--	--
	8.5	23.5	6270.12	11/19/18	9.74	6260.38	0.39	--	--
	8.5	23.5	6270.12	11/25/18	8.85	6261.27	0.89	--	--
	8.5	23.5	6270.12	3/28/19	5.53	6264.59	3.32	--	--
	8.5	23.5	6270.12	6/3/19	6.64	6263.48	-1.11	--	--
	8.5	23.5	6270.12	9/24/19	9.11	6261.01	-2.47	--	--
	8.5	23.5	6270.12	12/19/19	8.90	6261.22	0.21	--	--
	8.5	23.5	6270.12	3/26/20	9.47	6260.65	-0.57	--	--
	8.5	23.5	6270.12	6/29/20	9.06	6261.06	0.41	--	--
	8.5	23.5	6270.12	8/12/20	9.84	6260.28	-0.78	--	--
	8.5	23.5	6270.12	9/24/20	10.74	6259.38	-0.90	--	--
	8.5	23.5	6270.12	11/19/20	11.15	6258.97	-0.41	--	--
	8.5	23.5	6270.12	3/23/21	9.80	6260.32	1.35	--	--
	8.5	23.5	6270.12	6/18/21	10.91	6259.21	-1.11	--	--
	8.5	23.5	6270.12	9/24/21	12.54	6257.58	-1.63	--	--
	8.5	23.5	6270.12	11/10/21	9.52	6260.60	3.02	--	--
	8.5	23.5	6270.12	4/4/22	7.95	6262.17	1.57	--	--
	8.5	23.5	6270.12	6/28/22	8.63	6261.49	-0.68	--	--
	8.5	23.5	6270.12	9/30/22	10.70	6259.42	-2.07	--	--
	8.5	23.5	6270.12	12/23/22	--	--	--	--	--
	8.5	23.5	6270.12	6/5/23	4.62	6265.50	--	--	--
	8.5	23.5	6270.12	9/27/23	8.33	6261.79	-3.71	--	--
	8.5	23.5	6270.12	12/18/23	9.37	6260.75	-1.04	--	--
	8.5	23.5	6270.12	3/18/24	8.02	6262.10	1.35	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-3S	8.5	23.5	6270.12	6/17/24	8.52	6261.60	-0.50	--	--
	8.5	23.5	6270.12	9/23/24	10.78	6259.34	-2.26	--	--
	8.5	23.5	6270.12	1/2/25	10.40	6259.72	0.38	0.007	19
	8.5	23.5	6270.12	3/25/25	8.91	6261.21	1.49	0.007	27
OS-3M	38	48	6270.52	11/7/18	13.61	6256.91	--	--	--
	38	48	6270.52	11/19/18	22.56	6247.96	-8.95	--	--
	38	48	6270.52	11/25/18	22.59	6247.93	-0.03	--	--
	38	48	6270.52	3/28/19	19.31	6251.21	3.28	--	--
	38	48	6270.52	6/3/19	19.03	6251.49	0.28	--	--
	38	48	6270.52	9/24/19	22.32	6248.20	-3.29	--	--
	38	48	6270.52	12/20/19	21.45	6249.07	0.87	--	--
	38	48	6270.52	3/26/20	21.77	6248.75	-0.32	--	--
	38	48	6270.52	6/29/20	22.83	6247.69	-1.06	--	--
	38	48	6270.52	8/12/20	23.83	6246.69	-1.00	--	--
	38	48	6270.52	9/24/20	24.28	6246.24	-0.45	--	--
	38	48	6270.52	11/19/20	23.69	6246.83	0.59	--	--
	38	48	6270.52	3/23/21	21.90	6248.62	1.79	--	--
	38	48	6270.52	6/18/21	24.10	6246.42	-2.20	--	--
	38	48	6270.52	9/24/21	25.53	6244.99	-1.43	--	--
	38	48	6270.52	11/10/21	24.41	6246.11	1.12	--	--
	38	48	6270.52	4/4/22	22.24	6248.28	2.17	--	--
	38	48	6270.52	6/28/22	23.32	6247.20	-1.08	--	--
	38	48	6270.52	9/30/22	24.74	6245.78	-1.42	--	--
	38	48	6270.52	12/23/22	--	--	--	--	--
	38	48	6270.52	6/6/23	17.99	6252.53	--	--	--
	38	48	6270.52	9/27/23	21.10	6249.42	-3.11	--	--
	38	48	6270.52	12/18/23	21.28	6249.24	-0.18	--	--
	38	48	6270.52	3/18/24	20.07	6250.45	1.21	--	--
	38	48	6270.52	6/17/24	20.71	6249.81	-0.64	--	--
	38	48	6270.52	9/23/24	22.45	6248.07	-1.74	--	--
	38	48	6270.52	1/2/25	22.15	6248.37	0.30	--	--
	38	48	6270.52	3/25/25	20.72	6249.80	1.43	--	--
OS-4S	9	24	6262.47	11/7/18	9.61	6252.86	--	--	--
	9	24	6262.47	11/19/18	7.29	6255.18	2.32	--	--
	9	24	6262.47	11/25/18	6.89	6255.58	0.40	--	--
	9	24	6262.47	3/28/19	2.23	6260.24	4.66	--	--
	9	24	6262.47	6/3/19	3.06	6259.41	-0.83	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-4S	9	24	6262.47	9/24/19	6.35	6256.12	-3.29	--	--
	9	24	6262.47	12/20/19	5.66	6256.81	0.69	--	--
	9	24	6262.47	3/26/20	6.31	6256.16	-0.65	--	--
	9	24	6262.47	6/29/20	6.66	6255.81	-0.35	--	--
	9	24	6262.47	8/12/20	7.65	6254.82	-0.99	--	--
	9	24	6262.47	9/24/20	8.36	6254.11	-0.71	--	--
	9	24	6262.47	11/19/20	8.45	6254.02	-0.09	--	--
	9	24	6262.47	3/23/21	7.26	6255.21	1.19	--	--
	9	24	6262.47	6/18/21	8.18	6254.29	-0.92	--	--
	9	24	6262.47	9/24/21	9.65	6252.82	-1.47	--	--
	9	24	6262.47	11/10/21	7.61	6254.86	2.04	--	--
	9	24	6262.47	4/4/22	5.89	6256.58	1.72	--	--
	9	24	6262.47	6/28/22	6.62	6255.85	-0.73	--	--
	9	24	6262.47	9/30/22	8.50	6253.97	-1.88	--	--
	9	24	6262.47	12/23/22	8.35	6254.12	0.15	--	--
	9	24	6262.47	6/6/23	2.57	6259.90	5.78	--	--
	9	24	6262.47	9/27/23	5.46	6257.01	-2.89	--	--
	9	24	6262.47	12/18/23	--	--	--	--	--
	9	24	6262.47	3/18/24	--	--	--	--	--
	9	24	6262.47	6/17/24	--	--	--	--	--
	9	24	6262.47	9/23/24	--	--	--	--	--
	9	24	6262.47	1/2/25	--	--	--	--	--
	9	24	6262.47	3/25/25	--	--	--	--	--
OS-4M	33	43	6262.37	11/7/18	14.70	6247.67	--	--	--
	33	43	6262.37	11/19/18	14.23	6248.14	0.47	--	--
	33	43	6262.37	11/25/18	14.21	6248.16	0.02	--	--
	33	43	6262.37	3/28/19	10.84	6251.53	3.37	--	--
	33	43	6262.37	6/3/19	10.75	6251.62	0.09	--	--
	33	43	6262.37	9/24/19	14.30	6248.07	-3.55	--	--
	33	43	6262.37	12/20/19	13.20	6249.17	1.10	--	--
	33	43	6262.37	3/26/20	13.41	6248.96	-0.21	--	--
	33	43	6262.37	6/29/20	15.04	6247.33	-1.63	--	--
	33	43	6262.37	8/12/20	15.81	6246.56	-0.77	--	--
	33	43	6262.37	9/24/20	16.39	6245.98	-0.58	--	--
	33	43	6262.37	11/19/20	15.49	6246.88	0.90	--	--
	33	43	6262.37	3/23/21	14.73	6247.64	0.76	--	--
	33	43	6262.37	6/18/21	16.20	6246.17	-1.47	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
OS-4M	33	43	6262.37	9/24/21	17.61	6244.76	-1.41	--	--
	33	43	6262.37	11/10/21	16.11	6246.26	1.50	--	--
	33	43	6262.37	4/4/22	14.04	6248.33	2.07	--	--
	33	43	6262.37	6/28/22	15.49	6246.88	-1.45	--	--
	33	43	6262.37	9/30/22	16.84	6245.53	-1.35	--	--
	33	43	6262.37	12/23/22	16.30	6246.07	0.54	--	--
	33	43	6262.37	6/6/23	10.31	6252.06	5.99	--	--
	33	43	6262.37	9/27/23	13.07	6249.30	-2.76	--	--
	33	43	6262.37	12/18/23	--	--	--	--	--
	33	43	6262.37	3/18/24	--	--	--	--	--
	33	43	6262.37	6/17/24	--	--	--	--	--
	33	43	6262.37	9/23/24	--	--	--	--	--
	33	43	6262.37	1/2/25	--	--	--	--	--
	33	43	6262.37	3/25/25	--	--	--	--	--

Notes:

ft bgs: feet below ground surface
feet MSL: feet above mean sea level
bTOC: below top of casing
ft: feet
ft/ft: feet per foot

TABLE 2-3
SUMMARY OF SOILANALYTICAL DATA - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA									
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
PES September 2004 On-Site Investigations																		
SB-1	SB-1-1	1	9/15/04	0.095	0.0072	0.024	<0.005	<0.005	3.52E-08	1.20E-09	--	3.64E-08	0.00	0.00	0.00	--	--	0.00
	SB-1-4	4	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-1-8	8	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-2	SB-2-1.5	1.5	9/15/04	<0.005	<0.005	0.013	<0.005	<0.005	--	--	--	--	--	--	0.00	--	--	0.00
	SB-2-4	4	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-2-8	8	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-3	SB-3-2.5	2.5	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-3-5	5	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-3-8	8	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-4	SB-4-6	6	9/14/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-4-8	8	9/14/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-5	SB-5-5	5	9/14/04	0.81	0.084	0.048	<0.005	<0.005	3.00E-07	1.40E-08	--	3.14E-07	0.00	0.00	0.00	--	--	0.01
	SB-5-8	8	9/14/04	0.044	0.011	0.014	<0.005	<0.005	1.63E-08	1.83E-09	--	1.81E-08	0.00	0.00	0.00	--	--	0.00
SB-6	SB-6-1	1	9/14/04	0.1	0.026	0.046	<0.005	<0.005	3.70E-08	4.33E-09	--	4.14E-08	0.00	0.00	0.00	--	--	0.00
	SB-6-8	8	9/14/04	0.11	0.027	0.076	<0.005	<0.005	4.07E-08	4.50E-09	--	4.52E-08	0.00	0.00	0.00	--	--	0.00
PES April 2005 On-Site Investigations																		
SB5b	SB5b-1.5	1.5	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB6b	SB6b-4	4	4/26/05	1.8	0.39	0.32	0.0072	<0.005	6.67E-07	6.50E-08	--	7.32E-07	0.00	0.02	0.00	0.00	--	0.03
	SB6b-12	12	4/26/05	0.024	0.011	0.04	<0.005	<0.005	8.89E-09	1.83E-09	--	1.07E-08	0.00	0.00	0.00	--	--	0.00
SB7	SB7-2	2	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB7-4	4	4/25/05	0.46	0.032	0.0074	<0.005	<0.005	1.70E-07	5.33E-09	--	1.76E-07	0.00	0.00	0.00	--	--	0.00
	SB7-8	8	4/25/05	0.55	<0.005	<0.005	<0.005	<0.005	2.04E-07	--	--	2.04E-07	0.00	--	--	--	--	0.00
	SB7-12	12	4/25/05	0.22	0.13	0.11	<0.005	<0.005	8.15E-08	2.17E-08	--	1.03E-07	0.00	0.01	0.00	--	--	0.01
SB8	SB8-2	2	4/25/05	0.82	0.12	0.42	0.0063	<0.005	3.04E-07	2.00E-08	--	3.24E-07	0.00	0.01	0.00	0.00	--	0.01
	SB8-4	4	4/25/05	**12**	<0.005	<0.005	<0.005	<0.005	4.44E-06	--	--	**4.44E-06**	0.03	--	--	--	--	0.03
	SB8-8	8	4/25/05	**6.3**	<0.005	<0.005	<0.005	<0.005	2.33E-06	--	--	**2.33E-06**	0.02	--	--	--	--	0.02
SB9	SB9-1.5	1.5	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB9-4	4	4/26/05	0.04	0.014	0.016	<0.005	<0.005	1.48E-08	2.33E-09	--	1.71E-08	0.00	0.00	0.00	--	--	0.00
	SB9-8	8	4/26/05	0.041	0.024	0.038	<0.005	0.0072	1.52E-08	4.00E-09	4.80E-08	6.72E-08	0.00	0.00	0.00	--	0.00	0.00
SB10	SB10-2.5	2.5	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB10-4	4	4/26/05	0.038	0.0082	<0.005	<0.005	<0.005	1.41E-08	1.37E-09	--	1.54E-08	0.00	0.00	--	--	--	0.00
	SB10-8	8	4/26/05	0.0087	0.0069	0.0078	<0.005	<0.005	3.22E-09	1.15E-09	--	4.37E-09	0.00	0.00	0.00	--	--	0.00
SB11	SB11-2	2	4/25/05	0.0085	0.0063	0.056	<0.005	<0.005	3.15E-09	1.05E-09	--	4.20E-09	0.00	0.00	0.00	--	--	0.00
	SB11-4	4	4/25/05	0.27	<0.005	0.41	<0.005	<0.005	1.00E-07	--	--	1.00E-07	0.00	--	0.00	--	--	0.00
	SB11-8	8	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB11-12	12	4/25/05	0.039	0.011	0.035	<0.005	<0.005	1.44E-08	1.83E-09	--	1.63E-08	0.00	0.00	0.00	--	--	0.00
SB12	SB12-1	1	4/25/05	0.14	0.037	0.047	<0.005	<0.005	5.19E-08	6.17E-09	--	5.80E-08	0.00	0.00	0.00	--	--	0.00
	SB12-4	4	4/25/05	1.8	0.27	0.22	<0.005	<0.005	6.67E-07	4.50E-08	--	7.12E-07	0.00	0.01	0.00	--	--	0.02
	SB12-8	8	4/25/05	1.2	0.13	0.14	<0.005	<0.005	4.44E-07	2.17E-08	--	4.66E-07	0.00	0.01	0.00	--	--	0.01
	SB12-12	12	4/25/05	0.25	0.12	0.12	<0.005	<0.005	9.26E-08	2.00E-08	--	1.13E-07	0.00	0.01	0.00	--	--	0.01
SB13	SB13-1	1	4/25/05	0.01	<0.005	<0.005	<0.005	<0.005	3.70E-09	--	--	3.70E-09	0.00	--	--	--	--	0.00
	SB13-4	4	4/25/05	**6.1**	0.87	0.48	<0.005	<0.005	2.26E-06	1.45E-07	--	**2.40E-06**	0.02	0.05	0.00	--	--	0.06
	SB13-8	8	4/25/05	0.44	0.11	0.18	<0.005	<0.005	1.63E-07	1.83E-08	--	1.81E-07	0.00	0.01	0.00	--	--	0.01
	SB13-12	12	4/25/05	0.092	0.036	0.1	<0.005	<0.005	3.41E-08	6.00E-09	--	4.01E-08	0.00	0.00	0.00	--	--	0.00

TABLE 2-3
SUMMARY OF SOILANALYTICAL DATA - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA									
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
SB14	SB14-1.5	1.5	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB14-4	4	4/25/05	1.2	0.14	<0.005	<0.005	<0.005	4.44E-07	2.33E-08	--	4.68E-07	0.00	0.01	--	--	--	0.01
	SB14-8	8	4/25/05	0.024	<0.005	<0.005	<0.005	<0.005	8.89E-09	--	--	8.89E-09	0.00	--	--	--	--	0.00
	SB14-12	12	4/25/05	0.012	0.0059	0.015	<0.005	<0.005	4.44E-09	9.83E-10	--	5.43E-09	0.00	0.00	0.00	--	--	0.00
SB15	SB15-2	2	4/25/05	0.17	0.0071	<0.005	<0.005	<0.005	6.30E-08	1.18E-09	--	6.41E-08	0.00	0.00	--	--	--	0.00
	SB15-4	4	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB15-8	8	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB16	SB16-2.5	2.5	4/26/05	0.84	0.077	0.054	<0.005	<0.005	3.11E-07	1.28E-08	--	3.24E-07	0.00	0.00	0.00	--	--	0.01
	SB16-4	4	4/26/05	0.76	0.081	0.073	<0.005	<0.005	2.81E-07	1.35E-08	--	2.95E-07	0.00	0.00	0.00	--	--	0.01
	SB16-8	8	4/26/05	0.022	0.012	<0.005	<0.005	<0.005	8.15E-09	2.00E-09	--	1.01E-08	0.00	0.00	--	--	--	0.00
	SB16-12	12	4/26/05	0.12	0.029	0.02	<0.005	<0.005	4.44E-08	4.83E-09	--	4.93E-08	0.00	0.00	0.00	--	--	0.00
SB17	SB17-2	2	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB17-4	4	4/26/05	<0.005	<0.005	0.01	<0.005	0.02	--	--	1.33E-07	1.33E-07	--	--	0.00	--	0.00	0.00
	SB17-8	8	4/26/05	0.13	0.028	0.02	<0.005	<0.005	4.81E-08	4.67E-09	--	5.28E-08	0.00	0.00	0.00	--	--	0.00
	SB17-12	12	4/26/05	0.097	0.025	0.024	<0.005	<0.005	3.59E-08	4.17E-09	--	4.01E-08	0.00	0.00	0.00	--	--	0.00
SB18	SB18-1.5	1.5	4/26/05	0.035	0.0083	0.022	<0.005	<0.005	1.30E-08	1.38E-09	--	1.43E-08	0.00	0.00	0.00	--	--	0.00
	SB18-4	4	4/26/05	0.12	0.019	0.014	<0.005	<0.005	4.44E-08	3.17E-09	--	4.76E-08	0.00	0.00	0.00	--	--	0.00
	SB18-8	8	4/26/05	0.058	0.13	0.13	<0.005	<0.005	2.15E-08	2.17E-08	--	4.31E-08	0.00	0.01	0.00	--	--	0.01
	SB18-12	12	4/26/05	0.200	0.1	0.14	<0.005	<0.005	7.41E-08	1.67E-08	--	9.07E-08	0.00	0.01	0.00	--	--	0.01
PES November 2005 On-Site Investigations																		
SB-19	SB-19-4	4	11/17/05	0.24	<0.005	<0.005	<0.005	<0.005	8.89E-08	--	--	8.89E-08	0.00	--	--	--	--	0.00
	SB-19-8	8	11/17/05	0.028	<0.005	<0.005	<0.005	<0.005	1.04E-08	--	--	1.04E-08	0.00	--	--	--	--	0.00
	SB-19-12	12	11/17/05	0.013	<0.005	<0.005	<0.005	<0.005	4.81E-09	--	--	4.81E-09	0.00	--	--	--	--	0.00
SB-20	SB-20-4	4	11/17/05	0.028	<0.005	<0.005	<0.005	<0.005	1.04E-08	--	--	1.04E-08	0.00	--	--	--	--	0.00
	SB-20-8	8	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-20-12	12	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-21	SB-21-4	4	11/17/05	0.017	<0.005	<0.005	<0.005	<0.005	6.30E-09	--	--	6.30E-09	0.00	--	--	--	--	0.00
	SB-21-8	8	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-21-12	12	11/17/05	0.044	<0.005	<0.005	<0.005	<0.005	1.63E-08	--	--	1.63E-08	0.00	--	--	--	--	0.00
SB-22	SB-22-4	4	11/17/05	0.066	0.0096	0.062	<0.005	<0.005	2.44E-08	1.60E-09	--	2.60E-08	0.00	0.00	0.00	--	--	0.00
	SB-22-8	8	11/17/05	0.013	<0.005	<0.005	<0.005	<0.005	4.81E-09	--	--	4.81E-09	0.00	--	--	--	--	0.00
	SB-22-12	12	11/17/05	0.096	0.068	0.022	<0.005	<0.005	3.56E-08	1.13E-08	--	4.69E-08	0.00	0.00	0.00	--	--	0.00
SB-23	SB-23-4	4	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-23-8	8	11/17/05	0.032	<0.005	<0.005	<0.005	<0.005	1.19E-08	--	--	1.19E-08	0.00	--	--	--	--	0.00
	SB-23-12	12	11/17/05	0.073	<0.005	0.0071	<0.005	<0.005	2.70E-08	--	--	2.70E-08	0.00	--	0.00	--	--	0.00
E2C July 2008 On-Site Investigations																		
LW-MW-1	LW·MW· 1 ·7(FB}	7	7/11/08	**410**	**17**	1.2	<0.05	<0.05	1.52E-04	2.83E-06	--	**1.55E-04**	1.05	0.89	0.00	--	--	**1.95**
	LW·MW-1-7(PV)			**532**	**13.9**	<0.05	<0.05	<0.05	1.97E-04	2.32E-06	--	**1.99E-04**	1.36	0.73	--	--	--	**2.10**
	L W-MW-1-26(FB)	26	7/11/08	0.26	<0.03	<0.05	<0.05	<0.05	9.63E-08	--	--	9.63E-08	0.00	--	--	--	--	0.00
	LW-MW-1-26(PV)			0.132	<0.1	<0.05	<0.05	<0.05	4.89E-08	--	--	4.89E-08	0.00	--	--	--	--	0.00
	L W-MW-1-38(FB)	38	7/14/08	0.33	<0.03	<0.05	<0.05	<0.05	1.22E-07	--	--	1.22E-07	0.00	--	--	--	--	0.00
	LW-MW-1-38(PV)			0.27	<0.1	<0.05	<0.05	<0.05	1.00E-07	--	--	1.00E-07	0.00	--	--	--	--	0.00
	LW-MW-1-52.S(PV)	52.5	7/14/08	<0.05	<0.1	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--

TABLE 2-3
SUMMARY OF SOILANALYTICAL DATA - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA								
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
LW-MW-2	LW-MW-2-10(FB)	10	7/17/08	0.33	0.035	<0.05	<0.05	<0.05	1.22E-07	5.83E-09	--	1.28E-07	0.00	0.00	--	--	--	0.00
	LW-MW-2-10(PV)			0.266	<0.1	<0.05	<0.05	<0.05	9.85E-08	--	--	9.85E-08	0.00	--	--	--	--	0.00
	LW-MW-2-16(FB)	16	7/17/08	0.12	<0.03	<0.05	<0.05	<0.05	4.44E-08	--	--	4.44E-08	0.00	--	--	--	--	0.00
	LW-MW-2-16(PV)			0.086	<0.1	<0.05	0.126	<0.05	3.19E-08	--	--	3.19E-08	0.00	--	--	0.00	--	0.00
	LW-MW-2-31 (FB)	31	7/24/08	0.14	<0.03	<0.05	<0.05	<0.05	5.19E-08	--	--	5.19E-08	0.00	--	--	--	--	0.00
	LW-MW-2-31(PV)			0.112	<0.1	<0.05	0.125	<0.05	4.15E-08	--	--	4.15E-08	0.00	--	--	0.00	--	0.00
	LW-MW-2-43(PV)	43	7/24/08	<0.05	<0.1	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
LW-MW-3	LW-MW-3-11	11	7/29/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-3-20	20	7/29/08	<0.05	<0.1	<0.5	0.123	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-3-25	25	7/29/08	<0.05	<0.1	0.71	<0.05	0.053	--	--	3.53E-07	3.53E-07	--	--	0.00	--	0.00	0.00
	W-MW-3-34	34	7/30/08	<0.05	<0.1	<0.5	0.12	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
LW-MW-4	LW-MW-4-5.5	5.5	7/31/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-4-15	15	7/31/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-4-36.5	36.5	8/6/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-4-45.5	45.5	8/6/08	0.713	<0.1	<0.5	<0.05	<0.05	2.64E-07	--	--	2.64E-07	0.00	--	--	--	--	0.00
LW-MW-5	LW-MW-5-10	10	7/24/08	<0.05	<0.1	0.51	0.108	<0.05	--	--	--	--	--	--	0.00	0.00	--	0.00
	LW-MW-5-30	30	7/24/08	<0.05	<0.1	<0.5	<0.05	0.059	--	--	3.93E-07	3.93E-07	--	--	--	--	0.00	0.00
	LW-MW-5-41	41	7/24/08	<0.05	<0.1	<0.5	0.107	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-5-50	50	7/24/08	<0.05	<0.1	<0.5	0.12	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
LW-MW-6	LW-MW-6-10	10	8/4/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-6-20	20	8/6/08	0.272	<0.1	<0.5	0.109	<0.05	1.01E-07	--	--	1.01E-07	0.00	--	--	0.00	--	0.00
	LW-MW-6-30	30	8/6/08	0.106	<0.1	<0.5	0.122	<0.05	3.93E-08	--	--	3.93E-08	0.00	--	--	0.00	--	0.00
	LW-MW-6-45	45	8/7/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
LW-MW-7	LW-MW-7-11	11	7/31/08	0.069	<0.1	<0.5	<0.05	0.061	2.56E-08	--	4.07E-07	4.32E-07	0.00	--	--	--	0.00	0.00
	LW-MW-7-20	20	7/31/08	<0.05	<0.1	<0.5	0.113	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-7-25	25	7/31/08	<0.05	<0.1	<0.5	0.118	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-7-40.5	40.5	8/5/08	0.82	<0.1	<0.5	0.141	0.066	3.04E-07	--	4.40E-07	7.44E-07	0.00	--	--	0.00	0.00	0.00
LW-MW-8	LW-MW-8-15	15	7/28/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-8-25.5	25.5	7/28/08	<0.05	<0.1	<0.5	0.105	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-8-32	32	7/29/08	0.057	<0.1	<0.5	0.11	<0.05	2.11E-08	--	--	2.11E-08	0.00	--	--	0.00	--	0.00
	LW-MW-8-40	40	7/29/08	0.375	<0.1	<0.5	<0.05	<0.05	1.39E-07	--	--	1.39E-07	0.00	--	--	--	--	0.00
E2C November 2009 On-Site Investigations																		
LW-MW-9	9S-6	6	11/10/09	0.347	<0.05	<0.05	<0.05	<0.05	1.29E-07	--	--	1.29E-07	0.00	--	--	--	--	0.00
	9S-15.5	15.5	11/10/09	0.078	<0.05	<0.05	<0.05	<0.05	2.89E-08	--	--	2.89E-08	0.00	--	--	--	--	0.00
LW-MW-10	10S-15.5	15.5	11/10/09	0.052	<0.05	<0.05	<0.05	<0.05	1.93E-08	--	--	1.93E-08	0.00	--	--	--	--	0.00
	10S-26	26	11/10/09	0.051	<0.05	<0.05	<0.05	<0.05	1.89E-08	--	--	1.89E-08	0.00	--	--	--	--	0.00
LW-MW-11	11S-10.5	10.5	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	11S-25.5	25.5	11/10/09	0.072	<0.05	<0.05	<0.05	<0.05	2.67E-08	--	--	2.67E-08	0.00	--	--	--	--	0.00
LW-MW-12	12S-10.5	10.5	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	12S-20	20	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
LW-MW-13	13S-21	21	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	13S-25.8	25.8	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--

TABLE 2-3
SUMMARY OF SOILANALYTICAL DATA - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA									
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
PES December 2018 On-Site Investigations																		
Storm Drain	SD1-2.75	2.75	12/4/18	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD2-4.25	4.25	12/4/18	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	--	--	--	--	--	--	--	--	--	--
Sanitary Sewer	SS1-5.75	5.75	12/4/18	0.0018	<0.00142	<0.00142	<0.00142	<0.00142	6.67E-10	--	--	6.67E-10	0.00	--	--	--	--	0.00
Sanitary Sewer	SS2-6.0	6.0	12/4/18	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD3-3.0	3.0	12/5/18	0.106	0.00179	0.00151	<0.00137	<0.00137	3.93E-08	2.98E-10	--	3.96E-08	0.00	0.00	0.00	--	--	0.00
Water Line	WL1-3.75	3.75	12/5/18	<0.00136	<0.00136	<0.00136	<0.00136	<0.00136	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD4-4.0	4.0	12/5/18	0.00335	<0.00121	<0.00121	<0.00121	<0.00121	1.24E-09	--	--	1.24E-09	0.00	--	--	--	--	0.00
Water Line	WL2-3.75	3.75	12/5/18	<0.00135	<0.00135	<0.00135	<0.00135	<0.00135	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD5-3.0	3.0	12/5/18	0.00288	<0.0018	<0.0018	<0.0018	<0.0018	1.07E-09	--	--	1.07E-09	0.00	--	--	--	--	0.00
Storm Drain	SD6-3.0	3.0	12/5/18	<0.00158	<0.00158	<0.00158	<0.00158	<0.00158	--	--	--	--	--	--	--	--	--	--
Screening Levels																		
Commercial ESLs for 1E-6 Cancer Risk[1]				2.7	6.0	--	--	0.15	--	--	--	--	--	--	--	--	--	--
Commercial ESLs for Non-Carcinogenic HQ of 1.0[2]				390	19	370	300	200	--	--	--	--	--	--	--	--	--	--
Leaching to Groundwater ESL (Drinking Water Resource)[3]				0.080	0.085	0.19	0.65	0.0015	--	--	--	--	--	--	--	--	--	--

Notes:
mg/kg: milligrams per kilogram (as dry weight)
--: Not applicable/Not available
<: Less than a laboratory-reporting limit of
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
CE: Chloroethene (aka vinyl chloride)
HHRA: Human health risk assessment
HQ: Hazard quotient
HI: Hazard index
aka: also known as
BOLD: Bold if concentration exceeds screening level, cumulative carcinogenic risk is >1E-6 or HI is >1.0
ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), July 2025.

[1]: Table S-1; Commercial/Industrial Shallow Soil Exposure - Cancer Risk for combined ingestion, inhalation and dermal
[2]: Table S-1; Commercial/industrial Shallow Soil Exposure - Non Cancer Hazard for combined ingestion, inhalation and dermal
[3]: Table S-3; Leaching to Groundwater - Drinking Water Resource

Non-detect values are not included in the HHRA
The cancer risk and non-cancer hazard index are calculated by summing the individual risk across multiple chemicals with no thresholds

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-1	4.875 to 5.0	4/9/10	108	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	488	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	--
		12/16/10	902	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	--
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/29/11	<6.78	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		12/9/11	<6.78	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		3/29/12	<6.78	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		6/8/12	114	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	271	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well tubing filled with ice
		2/14/13	44	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	1,700	30	<4.8	<3.1	<4.8	<5.9	45	<6.6	--	--	--	<1.2	<6.74	--	--
		12/10/13	200	<53.7	<39.6	<25.6	<39.6	<48.8	63	<54.5	--	--	--	<10	<56.1	--	--
		3/6/14	258	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/26/14	4,136	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	258	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/16/14	51	<0.016	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	88	5.3	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	<0.0678	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<0.01
		9/11/15	36	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	38	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/25/16	278	1.9	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/21/16	353	4.6	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	882	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	5	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/27/17	210	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	814	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well tubing filled with water
		6/25/18	3,255	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	3,255	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	<68	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		12/6/18	7	1.8	<0.80	<0.51	8.3	<0.98	4.9	<1.1	--	--	--	<0.20	<1.1	--	--
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well tubing filled with water
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well filled with water
		9/13/19	810	7.0	1.2	<0.51	1.4	3.2	0.9	1.8	--	--	--	<0.2	<0.49	--	--
		12/20/19	36	1.5	<0.79	<0.51	<0.79	<0.98	2.0	<1.1	--	--	--	<0.2	<0.49	--	--
		3/26/20	14	<1.1	<0.79	<0.51	<0.79	<0.98	42.0	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-1	4.875 to 5.0	8/12/20	3	<1.1	<0.79	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	43	4.1	<0.79	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	12	<1.1	<0.79	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	5	<1.1	<40	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<10	<25	--	--
		6/28/21	14	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	15	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	3	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	10	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		6/28/22	11	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		9/30/22	12	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		9/28/23	1.4	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		12/18/23	24.8	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	83.0	17,300	0.48%	--	--	--	--
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		6/18/24	69	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	125	79,000	0.16%	--	--	--	--
		9/24/24	62	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	<10	26,700	0.04%	--	--	--	--
		12/19/24	54.6	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	<0.100	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well filled with water
VP-2	4.875 to 5.0	4/9/10	2,909	155.7	1,506	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	556	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	--
		12/16/10	17,018	9,344	594	ND	ND	ND	ND	1,015	--	--	--	ND	ND	--	--
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/29/11	1,281	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/9/11	13,696	4,624	169	<2.56	<3.96	<4.88	<3.47	479	--	--	--	<1.0	<5.61	--	--
		3/29/12	31,866	2,465	<3.96	86.6	2,470	<4.88	<3.47	2,210	--	--	--	<1.0	<5.61	--	--
		6/8/12	34,239	575	219	<2.56	<3.96	<4.88	<3.47	589	--	--	--	<1.0	<5.61	--	--
		9/13/12	48,477	107.41	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	949,200	23,628	102,960	3,800	<2,600	<3,200	<66,000	<3,600	--	--	--	<660	<3,700	--	--
		12/10/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled - not accessible
		3/6/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled - not accessible
		6/26/14	57,630	1,289	990	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<1.0	<5.61	--	--
		9/17/14	5,424	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<1.0	<5.61	--	--
		12/16/14	3,527	14.5	48	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<1.0	<5.61	--	--
		3/31/15	1,085	19.3	59	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<1.0	<5.61	--	--
		6/12/15	0.644	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/11/15	13,560	499	79	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-2	4.875 to 5.0	12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/25/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; water in well
		6/21/16	19,662	451	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	42,036	505	51	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	556	30	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/27/17	8,136,000	14,499	2,574	92	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	2,508,600	17,184	4,356	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well tubing filled with water
		6/25/18	305,100	44,571	4,752	<25.6	<39.6	<48.8	<34.7	376	--	--	--	<10	<56.1	--	--
		7/31/18	671,220	6,981	832	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	14,000	210	110	<25.6	<39.6	<48.8	300	<54.5	--	--	--	<10	<56.1	--	--
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow and ice
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well filled with water
		9/13/19	600,000	2,800	7,500	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	41,000	540	150	<26	<40	<49	42	<55	--	--	--	<0.2	<0.49	--	--
		3/26/20	1,200	<1.1	<0.79	<0.51	<0.79	<0.98	230.0	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	2,400	75	37	<0.51	<0.79	3.3	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	2,400	91	44	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	3,500	22	<0.79	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	430	6.4	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	2,500	69	50	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	24,000	130	22	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	490	12	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	88	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		6/28/22	88	<1.1	<40	--	--	--	--	--	--	--	--	<10	<25	--	--
		9/30/22	160	2.3	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/20/23	16,000	81	<40	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		9/28/23	46,000	360	59	<26	<40	<49	<35	<55	--	--	--	<10	<25	--	--
		12/18/23	160,000	22200	33200	<256	<397	<488	<347	<546	<10.0	8,310	0.12%	--	--	--	--
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		6/18/24	916	77.8	37.2	<2.56	<3.97	<4.88	<3.47	<5.46	<10.0	27,100	0.04%	--	--	--	--
		9/24/24	157	17.6	10.6	<2.56	<3.97	<4.88	<3.47	<5.46	11.5	136,000	0.01%	--	--	--	--
		12/19/24	36,100	302	106	<51.1	<79.3	<97.7	<69.5	<137	--	--	--	--	--	<0.100	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well filled with water
VP-3	4.875 to 5.0	4/9/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/8/10	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	ND

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-3	4.875 to 5.0	12/16/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/29/11	3,573	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/9/11	3,180	10.53	<3.96	<2.56	<3.96	<4.88	<3.47	10.796	--	--	--	<1.0	<5.61	--	--
		3/29/12	6,102	18.4	<3.96	<2.56	<3.96	<4.88	<3.47	17.3	--	--	--	<1.0	<5.61	--	--
		6/8/12	3,539	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	<6.78	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	26,442	252	673	<66	<100	<120	<900	<140	--	--	--	<26	<140	--	--
		12/10/13	<67.8	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		3/6/14	<67.8	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		6/26/14	2,237	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	122	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/16/14	28	0.17	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	14	<0.016	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	<0.0678	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<0.01
		9/11/15	1,085	2.26	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/25/16	27	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/21/16	19	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	949	10.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	14	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/27/17	26,442	145	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	74,580	2,148	634	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well tubing filled with water
		6/25/18	881,400	28,998	9,504	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	413,580	15,036	4,752	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	250	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow and ice
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with water
		9/13/19	6,100	460	130	<0.51	<0.79	16	0.8	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well covered with snow
		3/26/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to sample; covered in snow/ice
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	122	3.5	<0.79	<0.51	<0.79	<0.98	1.1	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	340	27	<0.79	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-3	4.875 to 5.0	11/20/20	9	<1.1	<0.79	<0.51	<0.79	<0.98	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	16	<1.1	<40	<26	<40	<49	46	<55	--	--	--	<25	<10	--	--
		6/28/21	12	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<25	<10	--	--
		9/24/21	4	<1.1	<40	<26	<40	<49	<35	<55	--	--	--	<25	<10	--	--
		11/12/21	4	<1.1	<40	--	--	--	--	--	--	--	--	<10	<25	--	--
		3/9/22	--	--	--	<26	<40	<49	<35	<55	--	--	--	--	--	--	Unable to sample; covered in snow/ice
		6/28/22	--	--	--	<26	<40	<49	<35	<55	--	--	--	--	--	--	Unable to sample; covered in snow/ice
		9/30/22	<1.4	<1.1	<40	--	--	--	--	--	--	--	--	<10	<25	--	<0.2
		12/23/22	--	--	--	<26	<40	<49	<35	<55	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		9/28/23	850	9.2	<40	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	<10	<25	--	--
		12/18/23	907	98.8	47.8	<3.20	<4.96	<6.10	<8.68	<6.82	216	31,800	0.68%	--	--	--	--
		3/18/24	43	<6.72	<4.96	<2.56	<3.97	<4.88	<3.47	<5.46	<20.0	66,500	0.03%	--	--	--	--
		6/18/24	35	<5.37	<3.97	<3.85	<5.95	<7.32	<5.21	<8.19	<10.0	36,200	0.06%	--	--	--	--
		9/24/24	<10.2	<8.06	<5.95	--	--	--	--	--	29	14,700	0.20%	--	--	--	<1.5
		12/19/24	<6.78	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	<0.100	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well filled with water
VP-4	4.875 to 5.0	4/9/10	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	ND
		9/8/10	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND	ND	--	ND
		12/16/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/29/11	319	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/9/11	150	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		3/29/12	<6.78	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		6/8/12	368	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	<6.78	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		2/14/13	9	<5.37	<3.96	<2.56	<3.96	<4.88	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	29,154	344	103	<44	<68	<84	<600	<94	--	--	--	<1.2	<6.74	--	--
		12/10/13	108	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/6/14	<67.8	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		6/26/14	2,305	<53.7	<39.6	<25.6	<39.6	<48.8	42	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	<67.8	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		12/16/14	17	0.54	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	7	<0.016	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	<0.0678	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	<0.01
		9/11/15	224	4.19	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/25/16	10	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	(ppmv)	(ppmv)	(%)	(ppbV)	($\mu g/m^3$)	%V	
VP-4	4.875 to 5.0	6/21/16	475	8.59	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	597	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	5	<0.537	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/27/17	8,814	20.9	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	1,288	<53.7	<39.6	<25.6	<39.6	<48.8	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well tubing filled with water
		6/25/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well plugged
		7/31/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well plugged
		9/26/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; unable to locate well; well buried
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; unable to locate well; well buried
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; unable to locate well; well buried
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to new landscaping
		9/13/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to new landscaping
		12/20/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to new landscaping
		3/26/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to new landscaping
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to new landscaping
		9/24/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to new landscaping
		11/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		3/25/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		6/28/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		9/24/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		11/12/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		3/9/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		6/28/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		9/30/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/20/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		9/28/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		12/18/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		6/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		9/24/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		12/19/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		12/19/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate well due to landscaping
VP-5	4.875 to 5.0	4/9/10	81	ND	59.44	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	ND
		12/16/10	427	ND	246	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	(ppmv)	(ppmv)	(%)	(ppbV)	($\mu g/m^3$)	%V	
VP-5	4.875 to 5.0	5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/29/11	14,441	81	<3.96	<2.56	<3.96	--	<3.47	86	--	--	--	<1.0	<5.61	--	--
		12/9/11	281	84	34	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		3/29/12	631	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/8/12	2,665	<5.37	911	<2.56	<3.96	--	<3.47	125.498	--	--	--	<1.0	<5.61	--	--
		9/13/12	2,644	215	1,663	<2.56	<3.96	--	<3.47	218	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	25,000	2,578	9,900	<34	<52	--	<460	<72	--	--	--	<13	<74	--	--
		12/10/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled - not accessible
		3/6/14	420	<53.7	154	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/26/14	3,661	279	1.07	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Collect Sample - Wellhead Damaged
		12/16/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Collect Sample - Wellhead Damaged
		3/31/15	258	35	198	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	2	172	990	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/11/15	1,017	102	475	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	102	3.9	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/25/16	881	27.4	333	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/21/16	1,559	156	911	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	2,780	290	1,703	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well frozen
		9/27/17	6,780	156	594	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	3,729	<53.7	364	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	2,170	45	170	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/25/18	128,820	1,074	1,346	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	7,458	220	1,069	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	<68	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well frozen
		3/28/19	7	2.9	2.9	ND	ND	--	1.1	ND	--	--	--	<0.2	na	--	--
		6/4/19	180	1.6	59	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/13/19	2,300	170	440	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	53	4.8	15	<0.51	<0.79	--	34.0	<1.1	--	--	--	<0.2	<0.49	--	--
		3/26/20	46	<1.1	<0.79	<0.51	<0.79	--	19.0	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	24	2.8	2.8	<0.51	<0.79	--	0.83	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	37	5.9	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	29	<1.1	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-5	4.875 to 5.0	3/25/21	5	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	40	9	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	72	13	44	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	14	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to sample; tubing frozen inside well box
		6/28/22	--	--	--	<26	<40	--	<35	<55	--	--	--	--	--	--	Unable to sample; tubing frozen inside well box
		9/30/22	7	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/20/23	34	4.1	<40	<26	87.0	--	<35	<55	--	--	--	<10	<25	--	--
		9/28/23	22	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/18/23	30	<5.37	15.8	<2.56	<3.97	--	<3.47	<5.46	152	2,010	7.56%	--	--	--	--
		3/18/24	<6.78	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	69.2	52,600	0.13%	--	--	--	<1.00
		6/18/24	<6.78	<5.37	4.08	<2.56	<3.97	--	<3.47	<5.46	<10.0	41,400	0.02%	--	--	--	<1.00
		9/24/24	<10.2	<8.06	<5.95	<3.85	<5.95	--	<5.21	<8.19	164	35,100	0.47%	--	--	--	<1.5
		12/18/24	13.2	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	<0.100	--
		3/25/25	59.7	14.8	25.5	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	<0.100	--
VP-6	4.875 to 5.0	4/9/10	190	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	ND
		12/16/10	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	ND
		5/11/11	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	ND
		9/29/11	<6.78	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		12/9/11	10	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		3/29/12	12	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/8/12	266	<5.37	20	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	339	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	631	34	83	<3.4	<5.3	--	<460	<7.3	--	--	--	<1.3	<7.5	--	--
		12/10/13	<67.8	<53.7	<39.6	<2.56	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		3/6/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		6/26/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; too much vacuum on well
		9/17/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Collect Sample - Obstruction in Well
		12/16/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Collect Sample - Obstruction in Well
		3/31/15	81	0.317	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	4	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/11/15	3,119	11	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	1,085	2.69	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/25/16	515	4.5	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	(ppmv)	(ppmv)	(%)	(ppbV)	($\mu g/m^3$)	%V	
VP-6	4.875 to 5.0	6/21/16	3,254	11.3	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	1,966	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well frozen
		9/27/17	5,356	5.9	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	2,305	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	522	1.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/25/18	58,308	322.2	95	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	12,882	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	110	<53.7	<39.6	<25.6	<39.6	--	90.0	<54.5	--	--	--	<10	<56.1	--	--
		12/6/18	130	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/28/19	75	3.0	ND	ND	ND	--	0.9	ND	--	--	--	<0.2	ND	--	--
		6/4/19	410	<1.1	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/13/19	12,000	32	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to sample; tubing frozen inside well box
		3/26/20	1,800	<1.1	<0.79	<0.51	<0.79	--	130.0	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	300	8.6	1.1	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	220	5.9	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample - well frozen
		3/25/21	610	11	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	880	13	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	530	6.9	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	900	5.6	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to sample; tubing frozen inside well box
		6/28/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to sample; tubing frozen inside well box
		9/30/22	110	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		12/18/23	1,620	6.2	<3.97	<2.56	<3.97	--	<3.47	<5.46	<15.0	16,500	0.09%	--	--	--	--
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		6/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		9/24/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		12/19/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	unable to sample - water in well
		3/25/25	70.7	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	<0.100	--
VP-7	4.875 to 5.0	4/9/10	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	ND
		9/8/10	434	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		12/16/10	217	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		5/11/11	495	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/29/11	14	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/9/11	<6.78	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-7	4.875 to 5.0	3/29/12	<6.78	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		6/8/12	848	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	407	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		2/14/13	34	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	746	<6.8	10	<2.8	<5.0	--	<44	<6.9	--	--	--	<1.3	<7.1	--	--
		12/10/13	<67.8	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		3/6/14	<67.8	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		6/26/14	<67.8	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		9/17/14	<67.8	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		12/16/14	4	<0.016	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	31	0.290	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	0	<53.7	<3.96	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/11/15	10	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/25/16	25	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/21/16	64	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	346	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	4	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/27/17	881	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	312	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	18	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/25/18	40,680	166.47	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	1,356	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	230	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/6/18	41	<1.1	<0.80	<0.51	4	--	4	<1.1	--	--	--	<0.2	<1.1	--	--
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with water
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with water
		9/13/19	750	1.2	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	47	<1.1	<0.79	<0.51	<0.79	--	2.4	<1.1	--	--	--	<0.2	<0.49	--	--
		3/26/20	2	<1.1	<0.79	<0.51	<0.79	--	22.0	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	15	<1.1	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	52	<1.1	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	56	<1.1	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	3	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	27	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	38	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-7	4.875 to 5.0	11/12/21	<1.4	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	<0.2
		3/9/22	4	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/22	62 L1	<1.1 L1	<40 L1	<26 L1	<40 L1	--	<35 L1	<55 L1	--	--	--	15	37	--	9.2 L1
		9/30/22	5	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		9/28/23	730	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/18/23	<6.78	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<10.0	16,100	0.06%	--	--	--	<1.00
		3/18/24	<6.78	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	41.2	27,000	0.15%	--	--	--	<1.00
		6/18/24	<6.78	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<15.0	30,000	0.05%	--	--	--	<1.00
		9/24/24	<6.78	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<10.0	39,600	0.04%	--	--	--	<1.00
		9/24/24	<6.78	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<10.0	39,600	0.04%	--	--	--	<1.00
		12/19/24	<6.78	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	<0.100	--
		3/26/25	40.8	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	<0.100	--
VP-8	4.875 to 5.0	4/9/10	231	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	902	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		12/16/10	2,156	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		5/11/11	1,905	ND	ND	ND	ND	--	ND	ND	--	--	--	173	971.3	--	--
		9/29/11	<6.78	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		12/9/11	14	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		3/29/12	271	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/8/12	3,641	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	203	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		11/19/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		2/14/13	121	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	3,932	32	<8.6	<5.5	<8.6	--	<75	<12	--	--	--	<1.2	<6.74	--	--
		12/10/13	<67.8	<53.7	<39.6	<25.6	<39.6	--	45	<54.5	--	--	--	<10	<56.1	--	<10
		3/6/14	<67.8	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		6/26/14	678	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	258	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/16/14	81	3.49	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	22	3.87	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	<0.0678	<53.7	<39.6	<25.6	<39.6	--	90	<54.5	--	--	--	<10	<56.1	--	<0.01
		9/11/15	298	4.03	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/25/16	63	1.29	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/21/16	658	4.35	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	529	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	3	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-8	4.875 to 5.0	9/27/17	1,763	4.78	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/27/17	312	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	25	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/25/18	17,628	81	159	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	814	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	210	<53.7	<39.6	<25.6	<39.6	--	69	<54.5	--	--	--	<10	<56.1	--	--
		12/6/18	36	2.3	<0.80	<0.51	4.8	--	4.9	<1.1	--	--	--	<0.20	<1.1	--	--
		3/28/19	7	2.6	ND	ND	ND	--	1.4	ND	--	--	--	<0.2	ND	--	--
		6/4/19	160	<1.1	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/13/19	1,400	31	<0.79	<0.51	<0.48	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	57	1.7	<0.79	<0.51	<0.48	--	1.2	<1.1	--	--	--	<0.2	<0.49	--	--
		3/26/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to sample; tube full of water
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	26	2.1	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	34	3.7	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	750	6.5	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	120	1.2	<40	<26	<40	--	120	<55	--	--	--	<10	<25	--	--
		6/28/21	610	8.2	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	390	4.9	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	94	2.3	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	49	2.3	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/22	110	1.8	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/30/22	56	1.4	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/20/23	170	2.4	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/28/23	790	6.0	<40	<2.56	<3.97	--	<3.47	<5.46	--	--	--	<10	<25	--	--
		12/18/23	426	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	19.1	17,200	0.11%	--	--	--	--
		3/18/24	62	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<15.0	18,100	0.08%	--	--	--	--
		6/18/24	41	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	56.4	45,000	0.13%	--	--	--	--
		9/24/24	<6.78	<5.37	<3.97	--	--	--	--	--	<10.0	21,400	0.07%	--	--	--	<1.0
		12/19/24	<6.78	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	<0.100	--
		3/26/25	15.9	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	<0.100	--
VP-9	4.875 to 5.0	4/9/10	197	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	51,053	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		12/16/10	10,916	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		5/11/11	30,374	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/29/11	<6.78	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		12/9/11	327	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		3/29/12	8,611	19	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-9	4.875 to 5.0	6/8/12	4,610	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	1,288	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	25,764	<67	<49	<32	<49	--	<430	<68	--	--	--	<12	<70	--	--
		12/10/13	8,814	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/6/14	3,797	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/26/14	8,814	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	16,272	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/16/14	88	<0.016	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	3,526	13	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	6	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/11/15	3,051	2.0	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	746	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/25/16	1,831	1	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/21/16	4,271	3.92	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	4,543	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well frozen
		9/27/17	3,932	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	1,153	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	298	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/25/18	21,018	113	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	10,848	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	163	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/6/18	500	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with ice
		6/4/19	370	<1.1	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/13/19	22,000	13	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/20/19	120	<1.1	<0.79	<0.51	<0.79	--	2	<1.1	--	--	--	<0.2	<0.49	--	--
		3/26/20	20	<1.2	<0.79	<0.51	<0.79	--	76	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	560	4.5	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	680	7.5	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	480	<1.1	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	95	1.6	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	670	2.9	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	55	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	350	4.6	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-9	4.875 to 5.0	3/9/22	<1.4	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	<0.20
		6/28/22	190	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/30/22	240	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/20/23	290	<1.1	<40	<26	56	--	<35	<55	--	--	--	<10	<25	--	--
		9/28/23	150	<1.1	<40	<2.56	<3.97	--	<3.47	<5.46	--	--	--	<10	<25	--	--
		12/18/23	278	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<10.0	47,000	0.02%	--	--	--	--
		12/18/23	385	<5.37	<3.97	--	--	--	--	--	<10.0	47,000	0.02%	--	--	--	--
		3/18/24	13	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	209	78,700	0.27%	--	--	--	--
		3/18/24	18	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	<15.0	78,700	0.02%	--	--	--	--
		6/18/24	--	--	--	--	--	--	--	--	98500	120,000	82.08%	--	--	--	Not Analyzed due to leak check compound in primary sample
		9/24/24	732	<8.06	<5.95	<3.85	<5.95	--	<5.21	<8.19	<15	115,000	0.02%	--	--	--	--
		12/20/24	101	<5.37	<3.97	--	--	--	--	--	--	--	--	--	--	<0.100	--
		12/20/24	96.8	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	<0.100	Dup.
		3/26/25	77.3	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	<0.100	--
		3/26/25	77.2	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	<0.100	Dup.
VP-10	4.875 to 5.0	4/9/10	13,424	252.4	198.1	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/8/10	895	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		12/16/10	292	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		5/11/11	895	ND	ND	ND	ND	--	ND	ND	--	--	--	ND	ND	--	--
		9/29/11	773	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/9/11	63	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		3/29/12	<6.78	19	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	<1.0
		6/8/12	2,820	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		9/13/12	1,966	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well box filled with ice
		2/14/13	92	<5.37	<3.96	<2.56	<3.96	--	<3.47	<5.45	--	--	--	<1.0	<5.61	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Sample Collected - Sample Holding Time Expired, not analyzed
		9/30/13	4,543	<14	<10	<6.4	<10	--	<88	<140	--	--	--	<2.5	<14	--	--
		12/10/13	475	<53.7	<39.6	<25.6	<39.6	--	45	<54.5	--	--	--	<10	<56.1	--	--
		3/6/14	258	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/26/14	1,424	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/17/14	1,085	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/16/14	163	<0.016	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		3/31/15	115	3.01	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/12/15	0	<53.7	<39.6	<25.6	<39.6	--	69	<54.5	--	--	--	<10	<56.1	--	--
		9/11/15	53	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		3/25/16	41	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VP-10	4.875 to 5.0	6/21/16	264	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/28/16	529	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		12/20/16	54	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/27/17	454	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		11/29/17	1,424	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		4/4/18	414	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		6/25/18	8,814	<0.537	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		7/31/18	5,085	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	--
		9/26/18	--	<53.7	<39.6	<25.6	<39.6	--	<34.7	<54.5	--	--	--	<10	<56.1	--	<10
		12/6/18	9	1	<0.80	<0.51	6	--	2	<1.1	--	--	--	<0.20	<1.1	--	--
		3/28/19	3	ND	ND	ND	ND	--	0.83	ND	--	--	--	<0.2	ND	--	--
		6/4/19	37	<1.1	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		9/13/19	814	4.2	<0.79	<0.51	<0.79	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		12/18/19	46	<1.1	<0.79	<0.51	<0.79	--	1.9	<1.1	--	--	--	<0.2	<0.49	--	--
		3/26/20	12	<1.1	<0.79	<0.51	<0.79	--	26.0	<1.1	--	--	--	<0.2	<0.49	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
		8/12/20	36	<1.1	<0.79	<0.51	<0.79	--	0.76	<1.1	--	--	--	<0.2	<0.49	--	--
		9/24/20	58	<1.1	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		11/20/20	26	<1.1	<0.79	<0.51	<0.81	--	<0.70	<1.1	--	--	--	<0.2	<0.49	--	--
		3/25/21	7	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	29	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	24	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		11/12/21	6	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	4	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/22	17	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/30/22	7	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to collect sample; well covered with snow
		6/20/23	47	<1.1	<40	<26	177	--	<35	<55	--	--	--	<10	<25	--	--
		9/28/23	54	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/18/23	44	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<10.0	27,800	0.04%	--	--	--	--
		3/18/24	7	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	<10.0	31,700	0.03%	--	--	--	--
		6/18/24	55	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	570	51,800	1.10%	--	--	--	--
		6/18/24	49	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	454	51,800	0.88%	--	--	--	--
		9/24/24	8	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	12.5	2,440	0.51%	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	<6.78	<5.37	<3.97	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	0.165	--
VE-2	4.875 to 5.0	3/25/21	25	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/21	39	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/24/21	414	7.4	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--

TABLE 2-4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	CVOCs								Leak Compound, 1,1-DFA			Tracer Gas[3]		Helium	Notes
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride	1,1-DCE	TCM	MC	1,1,1-TCA	Sample	Shroud	Leak in Sample			Sample	
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(ppmv)	(ppmv)	(%)	(ppbV)	(µg/m^3)	%V	
VE-2	4.875 to 5.0	11/12/21	136	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		3/9/22	18	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		6/28/22	58	1.3	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		9/30/22	17	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		12/23/22	68	<1.1	<40	<26	<40	--	<35	<55	--	--	--	<10	<25	--	--
		1/8/24	59	10.6	15	<26	177.0	--	<35	<55	<10.0	24,400	0.04%	--	--	--	--
		3/18/24	66	<5.37	<3.97	<2.56	<3.97	--	<3.47	<5.46	<15.0	34,300	0.04%	--	--	--	--
		6/18/24	46	<5.37	<3.97	<2.56	<3.97	--	<6.95	<5.46	21.4	6,610	0.32%	--	--	--	--
		9/24/24	--	--	--	<2.56	<3.97	--	<3.47	<5.46	--	--	--	--	--	--	Not Sampled
		12/20/24	13.4	<5.37	14.7	<2.56	<3.97	<4.88	<3.47	<6.67	--	--	--	--	--	--	--
		3/25/25	24.0	<5.37	5.83	<2.56	<3.97	<4.88	<3.47	<5.46	--	--	--	--	--	--	--
Shroud	--	12/20/24	--	--	--	--	--	--	--	--	--	--	--	--	--	3.92	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	18.1	--
Commercial ESLs			67	100	5,800	5.2	580	18	410	150,000	--	--	--	--	--	--	--

Notes:
ppbV: parts per billion by volume
µg/m³: micrograms per cubic meter
--: Not applicable
ND: Not detected
NA: Not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
CE: Chloroethene (aka vinyl chloride)
TCM: Trichloromethane (also known as chloroform)
MC: Methylene Chloride
1,1,1-TCA: 1,1,1-Trichloroethane
ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), Table SG-1, July 2025

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-1	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	22.56	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<3.8	<4.5	<5.2	--	--	5.7	<5.9	<5.9	N/A	N/A	<4.23	N/A	4.0	<4.32	9.4	36	<5.9	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	ND	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	27	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	62.9	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	40	<49.2	<35.2
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/18	<39.5	45.24	<43.4	--	--	143.22	<49.1	127.66	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	0.99	1.9	<0.87	--	--	3.4	3.4	6.4	N/A	50	<0.70	<0.49	<0.59	1.1	N/A	710	4.4	<0.70
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/13/19	1.4	1.9	2.2	--	--	5.3	7.4	15	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	9.3	7.4	<0.70
		12/20/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	1.9	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	8.3	<0.70	<0.49	<0.59	<0.72	N/A	4.8	<0.98	<0.70
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)
VP-1	4.875 to 5.0	8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	7.7	<0.72	N/A	10	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	14	<0.72	N/A	1.4	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	34	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/28/23	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/18/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	N/A	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	N/A	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	<3.19	14.2	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/19/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	31.5	--	--	396	174	673	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	652	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	217	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	246	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<2,100	2,500	<2,900	--	--	<2,900	<3,200	<3,200	N/A	N/A	<2,300	N/A	<1,900	<2376	<5,000	<16,000	<3,200	N/A
		12/10/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/6/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-2	4.875 to 5.0	12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/18	<39.5	41.47	<43.4	--	--	<43.4	<49.1	78.56	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	--	--	N/A	--	<35.2	<24.6	<29.5	<36	N/A	<23.75	--	<35.2
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/13/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		12/20/19	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<40	N/A	<24	<49	<35
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	560
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	26	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	4.1	<0.72	N/A	52	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	84	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	32	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/20/23	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/28/23	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/18/23	<319	<377	<434	--	--	<1302	<492	<492	N/A	<524	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	<3.19	27.5	<4.34	--	--	13.5	<4.92	<4.92	N/A	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	5.72	7.1	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/19/24	<63.9	<75.4	<86.8	<86.8	<174	<261	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-3	4.875 to 5.0	4/9/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-3	4.875 to 5.0	12/16/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	47.3	18.9	85	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	83.6	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<82	<97	<110	--	--	<110	<130	<130	N/A	N/A	<91	N/A	<76	<93.6	<190	<610	<130	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	--	--	N/A	--	<35.2	<24.6	<29.5	<36	N/A	<23.75	--	<35.2
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/13/19	<0.64	0.98	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	13	<0.98	<0.70
		12/20/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/26/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	3	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	5.9	<0.72	N/A	100	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	5.0	<0.72	N/A	48	<0.98	<0.70

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)
VP-3	4.875 to 5.0	11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	32	<36	N/A	<24	<49	<35
		9/30/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/23/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/28/23	<3.19	3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/18/23	<3.99	6.37	<5.43	--	--	<16.33	<6.15	<6.15	<6.01	<6.55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	<3.19	22.6	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<4.79	<5.65	<6.51	--	--	<19.51	<7.37	<7.37	<9.02	<7.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	--	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	--	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<55	78	<75	--	--	<75	<84	<84	N/A	N/A	<61	N/A	<51	<61.2	<130	<410	<84	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-4	4.875 to 5.0	6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7/31/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/26/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/13/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/20/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/26/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/24/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/28/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/24/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/12/21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/9/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/28/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/20/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/28/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/18/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/24/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-5	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-5	4.875 to 5.0	5/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	87.8	40.4	--	--	438	120	476	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	379	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<42	<50	<57	--	--	<57	<65	<65	N/A	N/A	<46	N/A	<39	<46.8	<99	<310	<65	N/A
		12/10/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/16/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/31/15	<39.5	<37.7	<43.4	--	--	56	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	62	<49.2	<35.2
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	206.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	38	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/28/19	ND	1.1	ND	--	--	ND	ND	ND	N/A	ND	1.9	ND	ND	ND	ND	1.0	ND	ND
		6/4/19	<0.64	2.5	4.3	--	--	20	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	7.6	<0.98	<0.70
		9/13/19	<0.64	4.1	<0.87	--	--	0.96	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	17	<0.98	<0.70
		12/20/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	5.8	<0.70	<0.49	<0.59	<0.72	N/A	33	<0.98	<0.70
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	20	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	2.6	<0.72	N/A	110	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	5.0	<0.72	N/A	50	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-5	4.875 to 5.0	3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	84	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/28/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/20/23	<32	45	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/28/23	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/18/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<3.19	22.5	<4.34	--	--	11.4	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	<4.79	18.7	<6.51	--	--	<19.51	<7.37	<7.37	<9.02	<7.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/18/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	<3.19	<3.77	<4.34	<4.34	<8.68	<8.68	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
VP-6	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		5/11/11	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	20.55
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	5.2	5.8	<5.8	--	--	8.3	<6.6	<6.6	N/A	N/A	<4.7	N/A	<3.9	<4.7	28	69	<6.6	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<3.52	27	<29.5	<36	N/A	<23.75	<49.2	<3.52
		3/6/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/26/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/17/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/16/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/31/15	<39.5	67.9	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-6	4.875 to 5.0	6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	47.2	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	97	<49.2	<35.2
		3/28/19	ND	ND	ND	--	--	ND	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
		6/4/19	<0.64	<0.75	4.3	--	--	16.7	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	6.9	<0.98	<0.70
		9/13/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	14	<0.98	<0.70
		12/20/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	5.8	<0.70	<0.49	<0.59	<0.72	N/A	4.5	<0.98	5.6
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	2.5	<0.72	N/A	29	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	3.2	<0.72	N/A	19	<0.98	<0.70
		11/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	320	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	46	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/28/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/18/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	--	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/24/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	<3.19	6.29	<4.34	<4.34	12.5	12.5	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
VP-7	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	607	ND	ND	ND	ND	ND	ND
		5/11/11	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-7	4.875 to 5.0	3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<4.0	<4.8	<5.5	--	--	<5.5	<6.2	<6.2	N/A	N/A	<2.4	N/A	<6.7	<4.7	17	44	<6.2	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	<0.79	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	10	<0.70	<0.49	<0.59	<0.72	N/A	190	<0.98	<0.70
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/4/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/13/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	31	<0.98	<0.70
		12/20/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	6.3	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	1.6	<0.72	N/A	12	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	3.8	<0.72	N/A	45	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	53	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-7	4.875 to 5.0	11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32 L1	<38 L1	<43 L1	--	--	<43 L1	<49 L1	<49 L1	N/A	<50 L1	<35 L1	37	<29 L1	<36 L1	N/A	<24 L1	<49 L1	<35 L1
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/28/23	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/18/23	4.06	16.4	<4.34	--	--	13	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	<3.19	4.11	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<3.19	15.3	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	<3.19	4.3	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	<3.19	3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/19/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	--	--	--	--	--	--	--	--	--	--	--	--
		3/26/25	<3.19	9.61	4.95	6.12	21.2	27.3	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
VP-8	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		5/11/11	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	11.7
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		11/19/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	28	110	15	--	--	110	<11	20	N/A	N/A	<7.6	N/A	<6.4	<36	25	98	24	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	29	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	66	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	56.4	<49.1	<49.1	N/A	68.1	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	249	N/A	<37.7	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<157	<35.2	<24.6	<29.5	<36	N/A	26	<49.2	<35.2
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-8	4.875 to 5.0	9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	<0.79	1.2	<0.87	--	--	<0.87	<0.98	1.4	N/A	16	<0.70	<0.49	<0.59	0.72	N/A	360	1.0	<0.70
		3/28/19	ND	1.1	ND	--	--	ND	ND	ND	N/A	ND	1.8	ND	ND	ND	ND	ND	ND	ND
		6/4/19	<0.64	2.7	4.7	--	--	20	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		9/13/19	<0.64	<0.75	<0.87	--	--	<0.87	1.9	3.3	N/A	1.1	<0.70	<0.49	<0.59	<0.72	N/A	21	2.3	<0.70
		12/20/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/26/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	3.5	<0.72	N/A	11	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	23	<0.72	N/A	74	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	110	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	26	<49	<35
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	31	<49	<35
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	67	<25	<29	<36	N/A	<24	<49	67
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/20/23	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/28/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/18/23	<3.19	4.22	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	<3.19	19.9	<4.34	--	--	11.9	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<3.19	5.39	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	--	--	--	--	--	--	--	--	--	--	--	--
		3/26/25	<3.19	13.8	5.91	7.55	25.6	33.2	<4.92	4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
VP-9	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	273	ND	ND	ND	ND	ND	ND
		5/11/11	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	52.8	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-9	4.875 to 5.0	6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<40	<47	<54	--	--	<54	<61	<61	N/A	N/A	<44	N/A	<36	<43.2	<93	<290	<61	N/A
		12/10/13	<39.5	45	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	39	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	56.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	119	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	97	<49.2	<35.2
		3/28/19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/4/19	<0.64	1.6	4.3	--	--	19.5	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	5.7	<0.98	<0.70
		9/13/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	2.2	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	29	<0.98	<0.70
		12/20/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	6.3	<0.71	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	3.5	<0.72	N/A	17	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	5.0	<0.72	N/A	43	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	150	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-9	4.875 to 5.0	3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	24	<49	<35
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/20/23	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/28/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/18/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/18/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/18/24	<3.19	8.33	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/24/24	10.8	7.35	<6.51	--	--	<19.51	<7.37	<7.37	<9.02	<7.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/20/24	<3.19	<3.77	<4.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/20/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	--	--	--	--	--	--	--	--	--	--	--	--
		3/26/25	<3.19	7.57	<4.34	<4.34	9.16	9.16	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
		3/26/25	<3.19	7.50	<4.34	<4.34	8.94	8.94	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
VP-10	4.875 to 5.0	4/9/10	ND	ND	ND	--	--	ND	ND	ND	N/A	24	ND	ND	ND	ND	ND	ND	ND	ND
		9/8/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		12/16/10	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	450	ND	ND	ND	ND	ND	ND
		5/11/11	ND	ND	ND	--	--	ND	ND	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		9/29/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	N/A	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/9/11	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		3/29/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/8/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		9/13/12	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<52.4	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		12/17/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2/14/13	<3.95	<3.77	<4.34	--	--	<4.34	<4.91	<4.91	N/A	<5.24	<3.52	<2.46	<2.95	<3.6	<1.88	<2.375	<4.92	<3.52
		6/25/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9/30/13	<8.0	18	<11	--	--	24	<12	<12	N/A	N/A	<8.9	N/A	<7.4	<9.0	<19	<60	<12	N/A
		12/10/13	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	ND	<49.2	<35.2
		3/6/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	43	<49.2	<35.2
		6/26/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/17/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/16/14	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		3/31/15	<39.5	<37.7	<43.4	--	--	56.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/12/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	25	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/11/15	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/18/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VP-10	4.875 to 5.0	6/21/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/28/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<52.4	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/20/16	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/27/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		11/29/17	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		4/4/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		6/25/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		7/31/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		9/26/18	<39.5	<37.7	<43.4	--	--	<43.4	<49.1	<49.1	N/A	<104.8	<35.2	<24.6	<29.5	<36	N/A	<23.75	<49.2	<35.2
		12/6/18	<0.79	1.1	<0.87	--	--	1.97	2.2	4.1	N/A	25	<0.70	<0.49	<0.59	<0.72	N/A	450	2.3	<0.70
		3/28/19	ND	ND	ND	--	--	ND	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
		6/4/19	<0.64	3	5.6	--	--	25.7	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	5.5	<0.98	<0.70
		9/13/19	1.4	1.2	1.0	--	--	2.8	4.0	8.9	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	16	4.4	<0.70
		12/18/19	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	1.7	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/26/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	6.8	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	5.6
		6/29/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	3.3	<0.49	7.1	<0.72	N/A	95	<0.98	<0.70
		9/24/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	13	<0.72	N/A	95	<0.98	<0.70
		11/20/20	<0.64	<0.75	<0.87	--	--	<0.87	<0.98	<0.98	N/A	<1.1	<0.70	<0.49	<0.59	<0.72	N/A	<0.48	<0.98	<0.70
		3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<100	<35	<25	<29	<36	N/A	150	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32	38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	38	<49	<35
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6/20/23	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/28/23	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/18/23	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/18/24	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<3.19	13.1	<4.34	--	--	10.9	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<3.19	13.1	<4.34	--	--	10.1	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	<3.19	3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/19/24	<3.19	<3.77	<4.34	<4.34	<8.68	<13.02	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
		3/25/25	<3.19	6.07	<4.34	10.2	10.2	10.2	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--
VE-2	4.875 to 5.0	3/25/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	160	<49	<35
		6/28/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/24/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
VE-2	4.875 to 5.0	11/12/21	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/9/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		6/28/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		9/30/22	<32	<38	<43	--	--	<43	<49	<74	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		12/23/22	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		1/8/24	<32	<38	<43	--	--	<43	<49	<49	N/A	<50	<35	<25	<29	<36	N/A	<24	<49	<35
		3/18/24	<3.19	3.77	7.47	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		6/18/24	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	6.49	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9/24/24	<3.19	<3.77	<4.34	--	--	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12/20/24	<3.19	10.2	7.55	6.25	26.7	<13.02	<4.92	<4.92	<6.01	<5.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3/25/25	<3.19	34.0	7.99	8.21	29.1	37.3	<4.92	<4.92	<6.01	<5.24	--	--	--	--	--	--	--	--

TABLE 2-5
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - PETROLEUM RELATED AND OTHER VOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Petroleum Related VOCs										Other							
			Benzene	Toluene	Ethyl-benzene	Xylene (O)	Xylene (M+P)	Total Xylenes	1,3,5-TMB	1,2,4-TMB	1,3-DCB	Naph-thalene	n-Hexane	Isopropyl Alcohol	Tetrahydro-furan	Ethyl Acetate	Ethanol	Acetone	4-Ethyltoluene	Vinyl Acetate
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
Shroud	--	12/20/24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial ESLs			14	61,000	160	15,000	150,000	55,000	--	--	--	12	--	--	--	--	--	--	--	--

Notes:
ppbV: parts per billion by volume
µg/m³: micrograms per cubic meter
--: Not applicable
ND: Not detected
NA: Not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
CE: Chloroethene (aka vinyl chloride)
TCM: Trichloromethane (also known as chloroform)
MC: Methylene Chloride
1,1,1-TCA: 1,1,1-Trichloroethane
ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), Table SG-1, July 2025

TABLE 2-6
SUMMARY OF SOIL VAPOR RISKS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Concentration			Cancer Risk				Non-Cancer Hazard			
			PCE	TCE	cis-1,2-DCE	PCE	TCE	cis-1,2-DCE	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	Cumulative Hazard
	(feet)		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HI
Commercial ESLs for 1E-6 Cancer Risk			67	100	--	--	--	--	--	--	--	--	--
Commercial ESLs for Non-Carcinogenic HQ of 1.0			5,800	290	5,800	--	--	--	--	--	--	--	--
VP-1	4.875 to 5.0	12/18/23	24.8	<5.37	<3.97	3.70E-07	--	--	3.70E-07	0.00	--	--	0.00
		3/18/24	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	**68.9**	<5.37	<3.97	1.03E-06	--	--	**1.03E-06**	0.01	--	--	0.01
		9/24/24	62.1	<5.37	<3.97	9.27E-07	--	--	9.27E-07	0.01	--	--	0.01
		12/19/24	54.6	<5.37	<3.97	8.15E-07	--	--	8.15E-07	0.01	--	--	0.01
		3/25/25	--	--	--	--	--	--	--	--	--	--	--
VP-2	4.875 to 5.0	12/18/23	**160,000**	**22,200**	**33,200**	2.39E-03	2.22E-04	--	**2.61E-03**	27.59	76.55	5.72	**110**
		3/18/24	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	**916**	77.8	37.2	1.37E-05	7.78E-07	--	**1.44E-05**	0.16	0.27	0.01	0.43
		9/24/24	**157**	17.6	10.6	2.34E-06	1.76E-07	--	**2.52E-06**	0.03	0.06	0.00	0.09
		12/19/24	**36,100**	**302**	106	5.39E-04	3.02E-06	--	**5.42E-04**	6.22	1.04	0.02	**7.28**
		3/25/25	--	--	--	--	--	--	--	--	--	--	--
VP-3	4.875 to 5.0	3/18/24	42.7	<6.72	<4.96	6.37E-07	--	--	6.37E-07	0.01	--	--	0.01
		6/18/24	34.9	<5.37	<3.97	5.21E-07	--	--	5.21E-07	0.01	--	--	0.01
		9/24/24	<10.2	<8.06	<5.95	--	--	--	--	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--
VP-5	4.875 to 5.0	6/18/24	<6.78	<5.37	4.08	--	--	--	--	--	--	0.00	0.00
		9/24/24	<10.2	<8.06	<5.95	--	--	--	--	--	--	--	--
		12/18/24	13.2	<5.37	<3.97	1.97E-07	--	--	1.97E-07	0.00	--	--	0.00
		3/25/25	59.7	14.8	25.5	8.91E-07	1.48E-07	--	**1.04E-06**	0.01	0.05	0.00	0.07
VP-6	4.875 to 5.0	11/12/21	**900**	5.60	<40	1.34E-05	5.60E-08	--	**1.35E-05**	0.16	0.02	--	0.17
		3/9/22	--	--	--	--	--	--	--	--	--	--	--
		6/28/22	--	--	--	--	--	--	--	--	--	--	--
		9/30/22	**110**	<1.1	<40	1.64E-06	--	--	**1.64E-06**	0.02	--	--	0.02
		12/23/22	--	--	--	--	--	--	--	--	--	--	--
		12/18/23	**1,620**	6.23	<3.97	2.42E-05	6.23E-08	--	**2.42E-05**	0.28	0.02	--	0.30
		3/18/24	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	--	--	--	--	--	--	--	--	--	--	--
		9/24/24	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	**70.7**	<5.37	<3.97	1.06E-06	--	--	**1.06E-06**	0.01	--	--	0.01
VP-7	4.875 to 5.0	6/18/24	<6.78	<5.37	<3.97	--	--	--	0.00E+00	--	--	--	0.00
		9/24/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
			<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/26/25	40.8	<5.37	<3.97	6.09E-07	--	--	6.09E-07	0.01	--	--	0.01

TABLE 2-6
SUMMARY OF SOIL VAPOR RISKS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Concentration			Cancer Risk				Non-Cancer Hazard			
			PCE	TCE	cis-1,2-DCE	PCE	TCE	cis-1,2-DCE	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	Cumulative Hazard
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HI
Commercial ESLs for 1E-6 Cancer Risk			67	100	--	--	--	--	--	--	--	--	--
Commercial ESLs for Non-Carcinogenic HQ of 1.0			5,800	290	5,800	--	--	--	--	--	--	--	--
VP-8	4.875 to 5.0	6/18/24	41.2	<5.37	<3.97	6.15E-07	--	--	6.15E-07	0.01	--	--	0.01
		9/24/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/26/25	15.9	<5.37	<3.97	2.37E-07	--	--	2.37E-07	0.00	--	--	0.00
VP-9	4.875 to 5.0	9/24/24	**732**	<8.06	<5.95	1.09E-05	--	--	**1.09E-05**	0.13	--	--	0.13
		12/20/24	**101**	<5.37	<3.97	1.51E-06	--	--	**1.51E-06**	0.02	--	--	0.02
		12/20/24	**96.8**	<5.37	<3.97	1.44E-06	--	--	**1.44E-06**	0.02	--	--	0.02
		3/26/25	**77.3**	<5.37	<3.97	1.15E-06	--	--	**1.15E-06**	0.01	--	--	0.01
			77.2	<5.37	<3.97	1.15E-06	--	--	**1.15E-06**	0.01	--	--	0.01
VP-10	4.875 to 5.0	6/18/24	54.9	<5.37	<3.97	8.20E-07	--	--	8.20E-07	0.01	--	--	0.01
			49.4	<5.37	<3.97	7.38E-07	--	--	7.38E-07	0.01	--	--	0.01
		9/24/24	7.66	<5.37	<3.97	1.14E-07	--	--	1.14E-07	0.00	--	--	0.00
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/25/25	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
VE-2	4.875 to 5.0	3/18/24	65.7	<5.37	<3.97	9.81E-07	--	--	9.81E-07	0.01	--	--	0.01
		6/18/24	46.4	<5.37	<3.97	6.92E-07	--	--	6.92E-07	0.01	--	--	0.01
		9/24/24	--	--	--	--	--	--	--	--	--	--	--
		12/20/24	13.4	<5.37	14.7	2.00E-07	--	--	2.00E-07	0.00	--	0.00	0.00
		3/25/25	24.0	<5.37	5.83	3.58E-07	--	--	3.58E-07	0.00	--	0.00	0.01

Notes:

ppbV: parts per billion by volume

µg/m³: micrograms per cubic meter

--: Not applicable

<5.37: Less than a laboratory-reporting limit of 5.37

PCE: Tetrachloroethene

TCE: Trichloroethene

DCE: Dichloroethene

HQ: Hazard quotient

HI: Hazard index

BOLD: Bold if concentration exceeds screening level, cumulative carcinogenic risk is >1E-6 or HI is >1.0

ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), Table SG-1, July 2025

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1S	15 to 25	8/13/08	706	74.0	41.3	0.727	<0.50	1.25	--	--	<0.50	<0.50	--
		12/4/09	5,150	72.7	<0.500	<0.500	<0.500	<0.500	<0.500	0.575	<0.500	<0.500	--
		3/23/10	1,850	<0.500	339	1.41	<0.500	7.71	<0.500	<0.500	<0.500	0.795	--
		3/23/10	2,000	<0.500	314	1.23	<0.500	7.40	<0.500	<0.500	<0.500	0.710	dup.
		6/15/10	4,920	8.90	6.48	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	547	<0.500	3.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	109	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	5,380	21.4	12.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	93	4.0	2.8	<0.50	<0.50	<0.50	<0.50	4.4	61	<0.50	--
		12/9/11	841	5.45	2.35	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1,540	4.83	5.56	2.85	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1,300	3.77	6.26	2.15	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		6/8/12	95.5	2.06	<0.500	<0.500	<0.500	2.23	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	13.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	11.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CLS-Split
		8/21/12	5.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CRWQCB
		11/19/12	7.98	3.000	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	5.94	1.68	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	450	7.5	3.8	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	550	7.7	4.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		9/30/13	770	8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1S	15 to 25	9/11/15	150	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.90	<0.50	--
		12/18/15	35	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15	37	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/25/16	66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	110	1.1	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	35	0.77	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	43	0.51	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	93	1.9	4.9	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	110	0.57	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	12	<0.50	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	36	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	--
		3/26/20	21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	7.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	21	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	21	1.30	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	19	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1S	15 to 25	6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		6/5/23	9.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	1.24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		12/19/23	4.38	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		3/19/24	1.38	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	1.58	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		6/19/24	0.760	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		9/25/24	0.550	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	0.610	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		1/2/25	1.37	<0.500	0.730	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		1/2/25	1.48	<0.500	0.720	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	dup.
		3/26/25	0.610	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-1D	40-50	5/2/17	65	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	66	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/27/17	210	4.7	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	430	17	6.1	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	67	2	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	210	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	190	4.1	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	55	2.2	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	23	0.75	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	25	0.73	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/3/19	110	9.8	12	<0.50	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	130	7.6	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	44	0.52	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	--
		3/26/20	24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1D	40-50	6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	27	2.3	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	9.2	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	14	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	140	5.6	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	110	4.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	200	7.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	290	5.7	0.97	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	250	7.5	0.66	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	110	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	242	5.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/5/23	630	13	0.81	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	220	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	22.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	14.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	23.2	1.32	6.21	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	16.6	0.84	2.77	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	9.60	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	13.3	<0.500	1.63	<0.500	0.570	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-2S	40-50	8/13/08	3.00	2.52	31	<0.50	<0.50	<0.50	na	na	<0.50	<0.50	--
		12/4/09	8.29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	5.9	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	98.7	4.39	4.07	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	65.7	<0.500	3.14	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	21.3	1.09	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	376	11.7	5.04	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	100	14	4.6	<0.50	<0.50	<0.50	<0.50	1.6	51	<0.50	--
		12/9/11	63.8	7.67	1.89	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/9/11	74.4	8.61	2.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		3/29/12	23.2	3.18	2.14	1.09	<0.500	<0.500	<0.500	<0.500	<0.500	1.47	--
		6/8/12	84.8	6.94	<0.500	<0.500	<0.500	2.69	<0.500	<0.500	<0.500	<0.500	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-2S	22.5-32.5	8/21/12	44.1	3.22	1.67	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	48	2.7	1.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CLS-Split
		8/21/12	20.8	2.3	1.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CRWQCB
		11/19/12	1.38	<0.500	0.877	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	1.11	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	67	2.5	1.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	86	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	33	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/10/13	33	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/6/14	6.2	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	5.2	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<0.50	--
		12/18/15	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/21/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	34	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	31	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/21/17	9.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-2S	22.5-32.5	6/3/19	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/24/19	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	--
		3/26/20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/26/20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	--
		9/24/20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	8.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	1.06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	0.96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	0.94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-2D	39.5-49.5	5/2/17	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	27	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-2D	39.5-49.5	12/6/18	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	7.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5	<0.50	--
		3/26/20	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53 J	<0.50	<0.50	--
		9/24/20	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	--
		9/24/21	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	29	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	4.08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.57	<2.50	<0.5	--
		12/19/23	3.77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	<2.50	<0.5	dup.
		3/19/24	1.19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	0.94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		6/19/24	0.93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		9/25/24	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.59	<2.50	<0.5	--
		9/25/24	0.59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	<2.50	<0.5	dup.
		1/2/25	0.620	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.580	<2.50	<0.500	--
		1/2/25	0.710	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.540	<2.50	<0.500	dup.
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.530	<2.50	<0.500	--
LW-MW-5S	19-29	8/13/08	85.1	3.5	2.00	<0.50	<0.50	<0.50	na	na	<0.50	<0.50	--
		12/4/09	<0.500	11.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5S	19-29	3/23/10	<0.500	26.5	38.2	<0.500	3.22	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	1400	28.1	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	480	11	11.5	<0.500	<0.500	<0.500	<0.500	1.07	<0.500	<0.500	--
		9/8/10	448	10.6	11.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		12/16/10									Not sampled - covered with 5 feet of snow		
		5/11/11	625	2.74	1.13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	750	14	8.4	0.19	<0.50	<0.50	<0.50	<0.50	44	<0.50	--
		9/29/11	600	13	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	37	<0.50	dup.
		12/9/11	964	23.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	225	4.81	4.04	2.23	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	931	37.6	<0.500	<0.500	<0.500	37.8	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	5.06	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	6.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CLS-Split
		8/21/12	3.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CRWQCB
		11/19/12	6.99	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	3.72	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	2.57	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		7/30/13	59	1.7	0.93	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	81	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	150	2.1	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/17/14	8.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/12/15	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15	34	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	180	3.3	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5S	19-29	6/21/16	40	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	<0.50	--
		9/28/16	31	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		5/2/17	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		4/4/18	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/19/19	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	--
		3/26/20									Not sampled - covered with snow and ice		
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	7.4	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	--
		9/24/20	5.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	7.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	18	0.75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	19	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	1.2	0.75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5S	19-29	6/5/23	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/20/23	22.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	18.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/18/24	52.2	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	37.2	0.62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/3/25	17.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	4.22	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	4.38	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	dup.
LW-MW-5D	40.5-50.5	5/2/17	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/20									Not sampled - covered with snow and ice		
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53 J	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5D	40.5-50.5	6/5/23	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	<5.0	<0.50	--
		9/27/23	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/20/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.71	<2.50	<0.5	--
		3/19/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<2.50	<0.5	--
		6/18/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	<2.50	<0.5	--
		9/25/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.69	<2.50	<0.5	--
		1/3/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.580	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-9S	10-25	12/4/09	324	12.7	19.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	174	<0.500	7.78	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	162	7.57	22.5	<0.500	<0.500	<0.500	<0.500	1.32	<0.500	<0.500	--
		6/15/10	172	8.04	24.5	<0.500	<0.500	<0.500	<0.500	1.29	<0.500	<0.500	dup.
		9/8/10	2.18	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	89.8	4.64	17.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	89.6	4.51	18.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		5/11/11	30.6	0.509	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	64	<0.50	--
		12/9/11	7.64	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1.15	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	0.657	<0.500	0.596	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	5.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	4.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-9S	10-25	6/12/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15									Not sampled - covered by snow and ice		
		3/25/16	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<0.50	dup.
		9/28/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/20/16	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/28/19	2.5	<0.50	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	2.3	<0.50	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/3/19	8.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	6.6	1.1	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	--
		3/26/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	170	3.7 J	2.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
		9/24/20	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
		3/23/21	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	57	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	190	4.7	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-9S	10-25	11/10/21	84	1.7	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		11/10/21	86	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	35	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	279	3.35	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		3/19/24	428	6.68	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		6/18/24	227	3.39	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--
		9/23/24	736	11.6	<10	<10	<10	<10	<10	<10	<50	<10	--
		1/2/25	1.55	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	1.81	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-10S	--	12/4/09	15.8	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/4/09	10.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		3/23/10	1.04	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	63.8	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	23.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	7.57	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.09	<0.500	<0.500	--
		5/11/11	8.59	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	4.93	<0.500	<0.500	--
		9/29/11	13	0.18	<0.50	<0.50	<0.50	<0.50	<0.50	0.32	56	<0.50	--
		12/9/11	6.82	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1.42	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	3.56	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.08	<0.500	<0.500	--
		8/21/12	2.02	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	4.45	<0.500	<0.500	--
		11/19/12											well destroyed
LW-MW-10SR	10-25	7/30/13	0.89	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.7	<0.500	<0.500	--
		9/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.1	<1.0	<1.0	--
		9/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	<1.0	<1.0	--
		12/10/13	0.65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-10SR	10-25	3/6/14	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	--
		3/6/14	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.63	<0.50	<0.50	--
		6/26/14	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<0.50	<0.50	--
		9/17/14	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	4.1	<0.50	<0.50	--
		12/16/14	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	--
		3/26/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	--
		12/18/15	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	<0.50	--
		12/20/16	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<0.50	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	2.4	<0.50	<0.50	--
		6/25/18	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	<0.50	--
		12/6/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	4.4	<0.50	<0.50	--
		3/28/19	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	--
		12/19/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4	<0.50	<0.50	--
		3/26/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	2.6	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	0.26 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	2.6	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	2.3	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-10SR	10-25	9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	0.57	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		3/19/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		6/18/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		9/24/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/25/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-11S	10-25	12/4/09	42.9	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	32.5	1.08	3.63	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	28.3	<0.500	0.909	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	14.8	<0.50	0.83	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	2.63	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	1.33	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	0.68	0.27	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	36	<0.50	--
		12/9/11	18.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	2.13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.547	<0.500	<0.500	--
		8/21/12	2.14	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.97	<0.500	<0.500	--
		11/19/12	6.19	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	4.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	4.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.4	<0.500	<0.500	--
		9/30/13	4.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	--
		12/10/13	8.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	<0.50	<0.50	--
		3/6/14	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<0.50	--
		6/26/14	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-11S	10-25	9/17/14	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<0.50	<0.50	--
		12/16/14	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/26/15										Not sampled - Wellhead Damaged	
		6/12/15	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	--
		6/12/15	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	dup.
		9/11/15	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	0.76	<0.50	--
		12/18/15	3.8	<0.50	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	0.66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/25/18	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<0.50	--
		3/28/19	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	--
		12/19/19	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	dup.
		3/26/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	1.8	<0.50	<0.50	dup.
		8/12/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	1.6	<0.50	<0.50	--
		9/24/20	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	--
		9/24/20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	dup.
		11/19/20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/23/21	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-11S	10-25	6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/24/21	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/20/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	2.13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/18/24	0.79	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/24/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.00	<2.50	<0.5	--
		1/3/25	0.980	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.12	<2.50	<0.500	--
		3/26/25	0.990	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.530	<2.50	<0.500	--
LW-MW-12S	10-25	12/4/09	10.7	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	34.3	<0.50	0.613	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	314	1.4	1.46	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	824	<0.50	4.31	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10									Not sampled; covered with 12 feet of snow		
		5/11/11	105	0.651	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	95.4	0.586	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		9/29/11	23	0.35	0.12	<0.50	<0.50	<0.50	<0.50	<0.50	54	<0.50	--
		12/9/11	25.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12								Not sampled; covered with 12-foot high pile of snow			
		6/8/12	7.89	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	2.45	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-12S	10-25	3/11/13									Not sampled; covered with high pile of snow		
		7/30/13	35	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13									Not sampled - well covered with snow		
		3/6/14	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	6.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	dup.
		12/18/15									Not sampled - Covered by Snow and Ice		
		3/25/16	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	--
		9/28/16	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16										Not sampled - well frozen	
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17									Not sampled, snow pile prevented access		
		4/4/18									Not sampled, snow pile prevented access		
		6/25/18	0.97	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/6/18										Not sampled - covered with snow	
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19									Not sampled - covered with snow and ice		
		3/26/20									Not sampled - covered with snow and ice		
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-12S	10-25	3/23/21									Not sampled - covered with snow and ice		
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/17/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/23/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	0.880	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-13S	10-25	12/4/09	17	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	65.2	<0.500	2.92	<0.500	<0.500	<0.500	<0.500	<0.500	0.784	<0.500	--
		6/15/10	14.1	0.603	0.627	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	4.86	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	3.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	39	<0.50	--
		12/9/11	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	1.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	2.16	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-13S	10-25	11/19/12	2.33	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	2.18	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		3/11/13											--
		7/30/13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.7	<0.500	<0.500	--
		9/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13									Not sampled - well covered with snow		
		3/6/14	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.63	<0.50	<0.50	--
		9/17/14	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1	<0.50	<0.50	--
		9/17/14	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	dup.
		12/16/14	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	3.1	<0.50	<0.50	--
		3/26/15	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	<0.50	--
		9/11/15	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	0.76	<0.50	--
		12/18/15									Not sampled - covered by Snow and Ice		
		3/25/16	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<0.50	--
		3/26/20									Not sampled - covered with snow and ice		

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-13S	10-25	6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	0.15 J	0.68 J	<0.50	<0.50	--
		9/24/20	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	--
		11/10/21	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	<5.0	<0.50	--
		4/4/22	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	0.71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/24/24	0.81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/3/25	0.900	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	0.950	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
OS-1	10-25	3/24/10	91.2	1.41	0.989	<0.500	<0.500	<0.500	<0.500	<0.500	1.02	<0.500	--
		6/15/10	75.9	2.91	1.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	13.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	52.5	2.43	4.43	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	7.09	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	<0.50	--
		12/9/11	20.6	0.617	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	8.97	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	11.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	11.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		8/21/12	6.32	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	34.9	1.84	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13									Not sampled; covered with high pile of snow		
		7/30/13	26	1.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-1	10-25	12/10/13	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	64	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	9.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<0.50	--
		6/21/16	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	9.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	--
		3/26/20	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	0.89	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	--
		9/24/20	9.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	6.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<5.0	<0.50	--
		4/4/22	6.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-1	10-25	9/30/22	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	77	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	2.49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.03	<2.50	<0.5	--
		3/19/24	2.13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.84	<2.50	<0.5	--
		6/17/24	2.25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/23/24	4.20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	2.38	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.680	<2.50	<0.500	--
		3/26/25	2.44	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.680	<2.50	<0.500	--
OS-2S	8.5-23.5	11/7/18	51.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	48	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	23	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	--
		3/26/20	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		12/19/23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		3/20/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-2S	8.5-23.5	3/20/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		6/17/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		6/17/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		9/23/24	1.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		9/23/24	1.18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
OS-2M	42-48.0	11/7/18	1580	54.4	37.2	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	--
		3/28/19	860	45	53	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	730	34	38	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	320	14	17	<2.5	<2.5	<2.5	<2.5	12	<2.5	<2.5	--
		12/20/19	410	20	23	<2.5	<2.5	<2.5	<2.5	24	3.4	<2.5	--
		3/26/20	250	9.4	5.3	<2.5	<2.5	<2.5	<2.5	<2.5	2.7	<2.5	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	270	12	9.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
		9/24/20	280	11	8.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	290	13	13	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	220	9.3	4.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	410	22	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	480	25	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	450	21	14	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	490	18	10	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	210	7.1	6.2	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	250	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	240	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	327	13.8	9.2	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		3/20/24	385	12.3	8.39	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		6/17/24	296	9.88	11.6	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--
		9/23/24	217	8.48	16	<2.5	<2.5	<2.5	<2.5	<2.5	<12.5	<2.5	--
		1/2/25	275	9.52	7.34	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--
		3/26/25	263	9.26	5.99	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-3S	8.5-23.5	11/7/18	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	--
		3/26/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/20/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/23/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
OS-3M	8.5-23.5	11/7/18	163	2.74	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	150	3	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	130	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	130	2.4	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	200	3.2	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	--
		3/26/20	210	3.7	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-3M	8.5-23.5	8/12/20	67	0.93 J	0.59 J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--
		9/24/20	72	1.3	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	110	2	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	150	2.9	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	63	0.96	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	41	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	290	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	230	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		9/30/22	240	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	120	0.93	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	540	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	232	4.82	2.3	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	--
		3/20/24	212	3.92	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	--
		6/19/24	178	3.45	1.68	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	--
		9/23/24	22.5	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	--
		1/2/25	139	3.32	1.75	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--
		3/26/25	178	4.61	2.03	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--
		3/26/25	178	4.26	1.90	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	dup.
OS-4S	9-24	11/7/18	5.22	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	--
		3/26/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-4S	9-24	11/10/21	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/5/23	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	7.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/20/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		6/19/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		9/23/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		1/2/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/26/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
OS-4M	33-43	11/7/18	540	11.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/7/18	446	9.88	6.26	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	dup.
		3/28/19	280	8.2	8.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	310	<0.50	8.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	290	8.5	7.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	330	8.1	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	--
		3/26/20	180	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	130	2.7	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		9/24/20	140	2.6	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	140	3	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	94	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	76	1.6	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	8.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--

TABLE 2-7
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-4M	33-43	6/5/23	150	3.2	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	110	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/20/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		6/19/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		9/23/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		1/2/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/26/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
AS-6	--	5/4/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-7	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-8	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-13	--	5/3/17	0.81	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-14	--	5/2/17	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	0.69	<0.50	<0.50	--
AS-19	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	0.59	<0.50	<0.50	--
AS-20	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<0.50	--
AS-21	--	5/3/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-25	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	0.78	<0.50	<0.50	--
VE-2S	--	5/3/17	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	--
VE-3	--	5/4/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-4	--	5/3/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-5	--	5/3/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-10	--	5/4/17	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-11	--	5/3/17	<0.50	<0.50	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-12	--	5/4/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<0.50	--
VE-13	--	5/4/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		MCL	5.0	5.0	6.0	10.0	0.5	6.0	80	80	5.0	1.0	

Notes:

µg/l: Micrograms per liter
< 2.0: Not detected at or above the laboratory method detection limit
--: Not available, dry, or not sampled
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
CE: Chloroethene (aka vinyl chloride)
DCM: Dichloromethane (aka methylene chloride)
1,1,1,2-TCA: 1,1,1,2-Tetrachloroethane
TCM: Trichloromethane (aka chloroform)
MCL: Maximum Contaminant Limit
BDCM: BDCM: Bromodichloromethane

TABLE 2-8
SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
1022, 1024 and 1026 South Lake Tahoe Boulevard and 1032 Emerald Bay Road
South Lake Tahoe, California

Sample ID	Sample Description/Location	Chlorinated VOCs				HHRA							
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	PCE	TCE	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Cumulative Non-Cancer Hazard
		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HI
1032 Emerald Bay Road (Wells Fargo Space)													
1032-V01	Foundational opening (men's restroom floor drain), southeast portion of space	0.514	<0.0537	<0.0397	<0.0396	2.57E-07	--	2.57E-07	0.00	--	--	--	0.00
1032-V02	Indoor air (customer area), northcentral portion of space	0.300	<0.0537	<0.0397	<0.0396	1.50E-07	--	1.50E-07	0.00	--	--	--	0.00
1032-V03	Indoor air (teller area), southern portion of space	0.222	<0.0537	<0.0397	<0.0396	1.11E-07	--	1.11E-07	0.00	--	--	--	0.00
1032-V10	Outdoor (RTU-2 Intake), eastern portion of roof	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
1026 South Lake Tahoe Boulevard (Large Vacant Space)													
1026-V04	Indoor air, north-central portion of space	0.079	<0.0537	<0.0397	<0.0396	3.95E-08	--	3.95E-08	0.00	--	--	--	0.00
122415-V13	Indoor air (V04/QAQC Duplicate), north-central portion of space	0.087	<0.0537	<0.0397	<0.0396	4.35E-08	--	4.35E-08	0.00	--	--	--	0.00
1026-V05	Indoor air, south-central portion of space	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
1026-V11	Outdoor (RTU supplying northwestern portion of space), westcentral portion of roof	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
1024 South Lake Tahoe Boulevard (Tahoe Suds Space)													
1024-V07	Indoor air, north-central portion of space	0.119	<0.0537	<0.0397	<0.0396	5.95E-08	--	5.95E-08	0.00	--	--	--	0.00
1024-V08	Indoor air, south-central portion of space	0.101	<0.0537	<0.0397	<0.0396	5.05E-08	--	5.05E-08	0.00	--	--	--	0.00
1022 South Lake Tahoe Boulevard (Small Vacant Space and Common Corridor)													
1022-V06	Foundational opening (common corridor fire riser), southwest corner of structure	0.122	<0.0537	<0.0397	<0.0396	6.10E-08	--	6.10E-08	0.00	--	--	--	0.00
1022-V09	Indoor air, central portion of space	0.110	<0.0537	<0.0397	<0.0396	5.50E-08	--	5.50E-08	0.00	--	--	--	0.00
1032-V12	Outdoor (RTU supplying central portion of space), western portion of roof	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
Screening Levels													
	Commercial ESLs for 1E-6 Cancer Risk[1]	2.0	3.0	--	--	--	--	--	--	--	--	--	--
	Commercial ESLs for Non-Carcinogenic HQ of 1.0[2]	180	8.8	180	180	--	--	--	--	--	--	--	--

Notes:

µg/m^3: micrograms per cubic meter

<: Less than a laboratory-reporting limit of

PCE: Tetrachloroethene

TCE: Trichloroethene

DCE: Dichloroethene

HHRA: Human health risk assessment

HQ: Hazard quotient

HI: Hazard index

BOLD: Bold if concentration exceeds screening level, cumulative carcinogenic risk is >1E-6 or HI is >1.0

ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), Table IA-1, July 2025

[1]: Table IA-1: Indoor Air Direct Exposure human health Screening Levels; Cacinogenic Endpoint

[2]: Table IA-1: Indoor Air Direct Exposure human health Screening Levels; Non-Cacinogenic Endpoint

Non-detect values are not included in the HHRA

The cancer risk and non-cancer hazard index are calculated by summing the individual risk across multiple chemicals with no thresholds

TABLE 3-1
SUMMARY OF HUMAN HEALTH RISK EVALUATION
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Exposure Pathway [1]	Cumulative Risk		Hazard Index		California MCLs Screening	
	Pre-Remedial Action		Pre-Remedial Action		Pre-Remedial Action	
	Critical Locations	Value	Critical Locations	Value	Critical Locations	Value
Soil Direct Contact [2]	LW·MW-1-7(PV)	1.99E-04	LW·MW-1-7(PV)	2.1	LW·MW-1-7(PV)	PCE 532 mg/kg TCE 410 mg/kg
	SB-8-4	4.44E-06	--	--	SB-8-4	PCE 12 mg/kg
	SB-8-8	2.33E-06	--	--	SB-8-8	PCE 6.3 mg/kg
	SB-13-4	2.40E-06	--	--	SB-13	PCE 6.1 mg/kg
Vapor Intrusion	VP-1	1.03E-06	--	--	--	PCE 68.9 µg/m³
	VP-2	2.61E-03	VP-2	110	VP-2	PCE 160,000 µg/m³
	VP-5	1.04E-06	--	--	--	PCE 59.7 µg/m³
	VP-6	2.42E-05	--	--	VP-6	PCE 1,620 µg/m³
	VP-9	1.09E-05	--	--	VP-9	PCE 732 µg/m³
Indoor Air	--	All <1E-6	--	All <1.0	--	--
Groundwater (Shallow)	--	--	--	--	LW-MW-5S	PCE 52.2 µg/l
					LW-MW-9S	PCE 736 µg/l TCE 11.6 µg/l
Groundwater (Middle)	--	--	--	--	LW-MW-1D	PCE 23.2 µg/l cis-1,2-DCE 6.21 µg/l VC 0.57 µg/l

Notes:

Concentrations presented where carcinogenic risk exceeds 1E-6 or non-carcinogenic hazards exceeds 1.0 for previous four sampled events

Ingestion risk not calculated for groundwater as MCLs are used as the screening level

[1]: Commercial exposure partway also assumed for construction workers

[2]: For soil direct contact, cumulative risk and hazard are taken as the maximum observed cumulative risk and hazard for all sample locations. This conservative assumption does not account for hardscape encapsulation, clean utility corridors, or soil removed as part of general construction

mg/kg: milligrams per kilogram

µg/l: micrograms per liter

µg/m³: micrograms per micrograms per cubic meter

PCE: tetrachloroethene

TCE: trichloroethene

VC: vinyl chloride

TABLE 4-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Standard, Requirement, Criteria, Limitation	Citation	Description	Type of ARARs
FEDERAL			
Resource Conservation and Recovery Act (RCRA)	40 CFR Part 261	Establishes criteria to determine whether solid waste exhibits characteristics that would qualify as a regulated hazardous waste.	Chemical/Action
	40 CFR 263	Standards applicable to transporters of hazardous waste.	Chemical/Action
Clean Water Act (CWA)	33 USC 1251-1376 40 CFR 100-149	Regulations requiring development and implementation of a storm water pollution prevention plan.	Action
Clean Air Act (CAA)	42 USC 7401-7642 40 CFR 50-69	Emission standards from stationary and mobile sources.	Chemical
Occupational Health and Safety (OSHA)	29 CFR 1910.120	Establishes requirements for health and safety training.	Action
Risk Assessment Guidance for Superfund (RAGS)	USEPA, 1989, 1997, 2005	Guidance and framework to assess human and ecological risks.	TBC
U.S. EPA Regional Screening Levels (RSLs)	USEPA, 2023	Risk-based concentrations that are intended to assist risk assessors and others in initial screening-level evaluations of environmental measurements.	TBC
STATE AND LOCAL			
Title 22, California Hazardous Waste Control Act of 1972	22 CCR 66260.1 et seq.	Establishes criteria for determining waste classification for the purposes of transportation and disposal of wastes.	Chemical/Action
	22 CCR 66262.1 et seq.	Establishes standards applicable to generators of hazardous waste.	Action
	22 CCR 67391.1	Identifies criteria for establishing a land covenant imposing appropriate limitations on land use.	Action
	22 CCR Chapter 13	Governs transportation of hazardous materials.	Action
	22 CCR Chapter 18	Identifies hazardous waste restricted from land disposal unless specific treatment standards are met.	Chemical/Action
Basin Plan	San Francisco Bay RWQCB	Establishes beneficial uses and water quality objectives (WQO).	Chemical/Action
Ambient Air Quality Standards	H&S Sec. 39000-44071	Establishes standards for emissions of chemical vapors and dust.	Chemical
California Ambient Air Quality Standards (CAAQS)	California Air Resources Board, 2016	Establishes emission standards and notification requirements.	Chemical/Action

TABLE 4-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Standard, Requirement, Criteria, Limitation	Citation	Description	Type of ARARs
Manifest System, Record-Keeping, Reporting and Transportation of Hazardous Waste	22 CCR Chapter 13	Governs transportation of hazardous materials.	Action
California Site Designation Process	H&S Chapter 6.65, Sec. 25260-25268	Establishes the Site Designation process and Administrative Agency responsibilities.	
California Hazardous Waste Control	H&S Chapter 6.5, Sec. 25100-25250.26	Establishes hazardous waste control measures.	Action
California Hazardous Substances Account Act	H&S Chapter 6.8, Sec 25300-25395.15	Establishes site mitigation and cost recovery programs.	Action
Voluntary Cleanup Agreement	Docket No. HSA-A 03/04-084	Establishes requirements for investigation and site remediation.	Action
California Environmental Quality Act (CEQA)	Public Resources Code Section 21000-21177	Mandates environmental impact review of projects approved by governmental agencies.	Action
OSHA	8 CCR GISO 5192	Establishes worker health and safety requirements.	Action
DTSC-modified Screening Levels (DTSC-SLs)	CalEPA, 2020	Establishes screening levels for select chemical constituents in soil, soil gas, and indoor air.	TBC
Environmental Screening Levels (ESLs)	RWQCB, San Francisco Bay Region, July 2019 (Rev 2)	Establishes screening levels intended to help expedite the identification of potential environmental concerns at site where contamination has been identified, and expedite the evaluation regarding the need for possible cleanup.	TBC
State Water Resource Control Board, Resolution No. 92-49	Resolution No. 92-49, 1996	Requires clean up of groundwater to promote attainment of either background water quality, or if background levels cannot be restored, the best water quality which is reasonable and complies with the Basin Plan.	Action

Notes:
ARARs = Applicable or Relevant and Appropriate Requirements.
TBC = "To Be Considered".
CalEPA = California Environmental Protection Agency
CCR = California Code of Regulation
CFR = Code of Federal Regulation
GISO = General Industry Safety Orders
H&S = California Health and Safety Code
RWQCB = California Regional Water Quality Control Board
USC = United States Code
US EPA = U.S. Environmental Protection Agency

TABLE 4-2
SUMMARY OF REMEDIAL ACTION TARGET GOALS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Constituent	Groundwater (Note 1) (µg/L)	Soil		Soil Vapor	Indoor Air
		Commercial Soil (Note 2) (mg/kg)	Soil Leaching to Groundwater (Note 3) (mg/kg)	Commercial RWQCB-ESLs for Soil Gas (Note 4) (µg/m^3)	Commercial Air (Note 5) (µg/m^3)
PCE	5.0	2.7	0.080	67	2.0
TCE	5.0	6.0	0.085	100	3.0
cis-1,2-DCE	6.0	370	0.190	5,800	180
trans-1,2-DCE	10.0	300	0.65	5,800	180
VC	0.50	0.15	0.0015	5.20	0.16

Abbreviations:

µg/L: micrograms per liter

mg/kg: milligrams per kilogram

µg/m^3: micrograms per cubic meter

PCE: tetrachloroethene.

TCE: trichloroethene.

DCE: dichloroethene

VC: vinyl chloride

Notes:

1. California maximum contaminant level (MCL)

2. July 2025 Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) Environmental Screening Levels (ESLs), Table S-1 Soil direct Exposure Human Health Risk Screening Levels, Commercial/Industrial Land Use, Shallow Soil Exposure, Lowest of Cancer Risk or Non-carcinogenic Hazard

3. July 2025 SFRWQCB ESLs, Table S-3 Soil Leaching to Groundwater Screening Levels, Drinking Water

4. July 2025 SFRWQCB ESLs, Table SG-1 Subslab/Soil Gas Vapor Intrusion: Human Health Risk Values Screening Levels, Commercial/Industrial Final Screening Level

5. July 2025 SFRWQCB ESLs, Table IA-1 Indoor Air Direct Exposure Human Health Risk Screening Levels, Commercial/Industrial Final Screening Level

TABLE 4-3
COMPARISON OF REMEDIAL ACTION ALTERNATIVES
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Remedial Alternative	Threshold Criteria		Balancing Criteria					Modifying Criteria	
	Overall Protection of Human Health and the Environment Rating: Pass / Fail	Compliance with ARARs Rating: Pass / Fail	Long-Term Effectiveness Rating: Low to High[2]	Reduction of Toxicity, Mobility and Volume through Treatment Rating: Low to High[2]	Short-Term Effectiveness Rating: Low to High[2]	Implementability Rating: Low to High[2]	Cost [1]	Regulatory Agency Acceptance	Community Acceptance
Alternative 1 No Action	Fail Not protective of human health and the environment.	Fail Does not comply with ARARs.	Low Potentially effective over the long term.	Low No treatment would be conducted to reduce toxicity, mobility, and volume of COCs. Natural attenuation process would result in reduction of COC concentrations.	Low Not effective over the short term.	High No action would be required.	$290,000	Not Likely	Not Likely
Alternative 2 ISCO and Groundwater Monitoring	Pass Protective of human health and the environment.	Pass Complies with ARARs.	Medium Effective over the long-term provided that sufficient contact would be made between the reagents and COCs during the short lifetime of ISCO reagent once applied.	Medium Effective in reducing COCs if sufficient contact would be made between the reagents and COCs during the short lifetime of ISCO reagent once applied.	Low May mobilize metals, such as arsenic and hexavalent chromium.	Low ISCO reagents are very reactive or caustic, which is a potential hazard during shipping and handling; although following proper health and safety procedures would minimize the risks. In addition, additional injections is likely due to the short lifespan of the ISCO reagents in the subsurface.	$2,530,000	Possible	Possible
Alternative 3 Anerobic EISB with ZVI, and Groundwater Monitoring	Pass Protective of human health and the environment.	Pass Complies with ARARs.	High The longevity of reagents would be resistant to rebound from back-diffusion, should it happen.	High COCs would be biodegraded to non-toxic chemicals, hence reducing the mobility. This alternative will also provide longer contact and facilitate bacteria growth for COC biodegradation.	High The reagents are non-hazardous and is not anticipated to generate toxic or hazardous by-products.	Medium The reagents are non-hazardous and no additional risk is associated with shipping and handling. A single injection is anticipated to sustain COC reduction in the long-term.	$2,820,000	Likely	Likely

TABLE 4-3
COMPARISON OF REMEDIAL ACTION ALTERNATIVES
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Remedial Alternative	Threshold Criteria		Balancing Criteria					Modifying Criteria	
	Overall Protection of Human Health and the Environment Rating: Pass / Fail	Compliance with ARARs Rating: Pass / Fail	Long-Term Effectiveness Rating: Low to High[2]	Reduction of Toxicity, Mobility and Volume through Treatment Rating: Low to High[2]	Short-Term Effectiveness Rating: Low to High[2]	Implementability Rating: Low to High[2]	Cost [1]	Regulatory Agency Acceptance	Community Acceptance
Alternative 4 ISCR, VOC Sequestration, and Groundwater Monitoring	Pass Protective of human health and the environment.	Pass Complies with ARARs.	High The ISCR reagents are expected to be resistant to rebound from back-diffusion, should it occur. The Plumestop used for VOC sequestration is expected to be effective at low concentrations and be resistant to rebound due to back-diffusion.	High COCs would be destructed to non-toxic products or adsorbed, hence reducing the mobility. This option has the ability to address COC rebound, should it happen.	High The reagents are non-hazardous and is not anticipated to generate toxic or hazardous by-products.	Medium to Low The reagents are non-hazardous and no additional risk is associated with shipping and handling. Additional injection may be required if warranted by monitoring results.	$3,030,000	Likely	Likely

Notes:

1 Cost estimates include a +20% contingency

2 The rankings are relative among the alternatives; "low" indicates alternative is less likely to meet criterion, and "high" indicates alternative is likely to be highly effective in meeting the criterion.

ARARs = Applicable or Relevant and Appropriate Requirements

COC = Contaminant of concern; EISB = Enhanced in-situ bioremediation; ISCO = In-situ chemical oxidation; ISCR = In-situ chemical reduction.

TABLE 5-1
COST ESTIMATES FOR ALTERNATIVES 1, 2, 3 and 4
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

TASK	DESCRIPTION	ALT. 1 No Action	ALT. 2 ISCO	ALT. 3 Anaerobic EISB and ISCR	ALT. 4 ISCR and VOC Sequestration
1.0	**PUBLIC PARTICIPATION & FINALIZE RAP**				
	Community Survey, Fact Sheet and Mailing List for on-Site				
	Finalize RAP based on public comments				
	Total Task (Rounded)	**$0**	**$35,000**	**$35,000**	**$35,000**
2.0	**INDOOR AIR/SUB-SLAB SAMPLING**				
	Assumes two events with SVE off, one event with SVE on, and one annual event				
	Sub-Slab Vapor Pin Installation (4 locations)				
	Indoor/Ambient Air Sampling (10 primary samples, one duplicate)				
	Sub-Slab Vapor Sampling (4 primary samples, one duplicate)				
	Indoor Air/Sub-Slab Vapor Monitoring Report (4 events)				
	Total Task (Rounded)	**$0**	**$187,000**	**$187,000**	**$187,000**
3.0	**GROUNDWATER REBOUND TESTING**				
	Three sampling events sampling following AS/SVE off				
	12 On-Site Shallow Zone Wells, 3 on-Site Middle Zone Wells - VOCs				
	Total Task (Rounded)	**$0**	**$51,000**	**$51,000**	**$51,000**
4.0	**REMEDIAL DESIGN IMPLEMENTATION PLAN (RDIP)/ROWD**				
	Finalize injection plan based on groundwater rebound testing results				
	Groundwater Sampling for ROWD				
	Total Task (Rounded)	**$0**	**$74,000**	**$74,000**	**$74,000**
5.0	**POTENTIAL GROUNDWATER MONITORING WELL INSTALLATION**				
	Potential Per WDR				
	Permitting, USA				
	Drilling (two screened 40-50 ft; one screened 60-70 ft)				
	Well Development				
	Waste Disposal				
	Well Completion Reports				
	Monitoring Well Survey				
	Monitoring Well Installation Report				
	Total Task (Rounded)	**$0**	**$114,000**	**$114,000**	**$114,000**
6.0	**POTENTIAL CLEAR WATER TEST AND PASSIVE FLUX STUDY**				
	Study to determine contaminant loading and reagent transport zone if required by Regenesis Remediation Systems for design modifications				
	Total Task (Rounded)	**$0**	**$70,000**	**$70,000**	**$70,000**
7.0	**GROUNDWATER TREATMENT INJECTIONS**				
	Permitting and scheduling				
	Environmental Consultant oversight				
Alt.2	Subcontractor Drilling and Injections: ISCO				
Alt.3	Subcontractor Drilling and Injections: 3DME, CRS, ZVI, BDI				
Alt. 4	Subcontractor Drilling and Injections: SM-ZVI, Plumestop, BDI				
	Total Task (Rounded)	**$0**	**$563,000**	**$775,000**	**$949,000**

TABLE 5-1
COST ESTIMATES FOR ALTERNATIVES 1, 2, 3 and 4
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

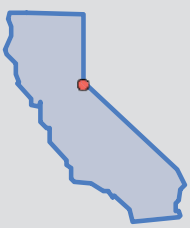
TASK	DESCRIPTION	ALT. 1 No Action	ALT. 2 ISCO	ALT. 3 Anaerobic EISB and ISCR	ALT. 4 ISCR and VOC Sequestration
8.0	**BASELINE, POST INJECTION AND ROUTINE GROUNDWATER MONITORING**				
	Assumes 8 events (Baseline, 3 post injection, 4 quarterly)				
Alt.2	Dissolved metals, hexavalent chromium, TDS				
Alt.3	Nitrate/nitrite (as N), sulfate, TDS, methane, ethane, ethene, CO2				
Alt. 4	Nitrate/nitrite (as N), sulfate, TDS, methane, ethane, ethene, CO2				
	Field parameters including DO, conductivity, ORP, temp and pH				
	Total Task (Rounded)	**$0**	**$216,000**	**$248,000**	**$248,000**
9.0	**SOIL GAS MONITORING**				
	Assumes 8 events (baseline, 3 post injection and 4 quarterly)				
	Ten Vapor Probe/SVE Wells (VP-1 to VP-3, VE-2, VP-5 to VP-10) for analysis of VOCs, methane and helium				
	Total Task (Rounded)	**$0**	**$168,000**	**$168,000**	**$168,000**
10.0	**SVE TREATMENT SYSTEM MONITORING AND MAINTENANCE**				
	Assumes 2 years of operation				
a	Monthly PID/Flow Readings and Maintenance (monthly for 2 years)				
b	Monthly Influent Sampling (monthly for 2 years)				
	Total Task (Rounded)	**$0**	**$176,000**	**$176,000**	**$176,000**
11.0	**MONITORING REPORTING**				
	Assumes 7 events (Post rebound, baseline, post injection, 4 quarterly events)				
	Total Task (Rounded)	**$0**	**$98,000**	**$98,000**	**$98,000**
12.0	**ON-SITE RAP IMPLEMENTATION REPORT**				
	For submittal within two months of RAP Completion (with the exception of ongoing O&M and verification monitoring)				
	Total Task (Rounded)	**$0**	**$35,000**	**$35,000**	**$35,000**
13.0	**ON-SITE MONITORING WELL DESTRUCTIONS**				
	Assumes permitting, USA, traffic control, pressure grouting wells				
	19 groundwater monitoring wells				
	27 Air Sparge Wells				
	20 Deep SVE Wells				
	20 Shallow SVE Wells				
	10 Vapor Probes				
	Well Completion Reports				
	Total Task 14 (Rounded)	**$228,000**	**$228,000**	**$228,000**	**$228,000**
14.0	**WELL DESTRUCTION REPORT**				
	Total task (Rounded)	**$15,000**	**$15,000**	**$15,000**	**$15,000**
15.0	**REGULATORY INTERFACE AND PROJECT MANAGEMENT**				
	Total task 15 (Rounded)	**$0**	**$78,000**	**$78,000**	**$78,000**
	Total Task Cost	$243,000	$2,108,000	$2,352,000	$2,526,000
	Contingency (20%)	$49,000	$422,000	$470,000	$505,000
	Alternative 3 Total Cost	**$290,000**	**$2,530,000**	**$2,820,000**	**$3,030,000**

TABLE 6-1
SUMMARY OF ERD/ISCR TREATMENT PROGRAM
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Area	Number of Injection Points	Treatment Interval (feet bgs)	Plumestop® (pounds)	S-MZVI® (pounds)	BDI (liters)	Total Mixing Water (gallons)	Total Injection Volume (gallons)
PCE Release Source Areas							
Source Area Shallow Zone Treatment	17	12-32	0	5,000	0	13,269	13,600
Contingent Shallow Zone Barrier Applications (Shallow Zone Northwest corner of Site)	38	12-32	14,575	0	0	28,782	30,399
Shallow Zone Grid Application Near MW-1S	9	12-32	4,000	1,000	8	7,590	8,100
Contingent Middle Zone Barrier Applications (Middle Zone Northwest corner of Site)	20	25-60	13,425	0	0	26,509	27,999
Middle Zone Grid Application Near MW-1D	9	30-60	6,000	1,500	10	11,385	12,150
Sum	84	--	38,000	7,500	18	87,535	92,248

Notes:
SF = Square feet.
bgs = Below ground surface.
Injections in the shallow and middle grid near MW-1D are conducted in the same borings

FIGURES



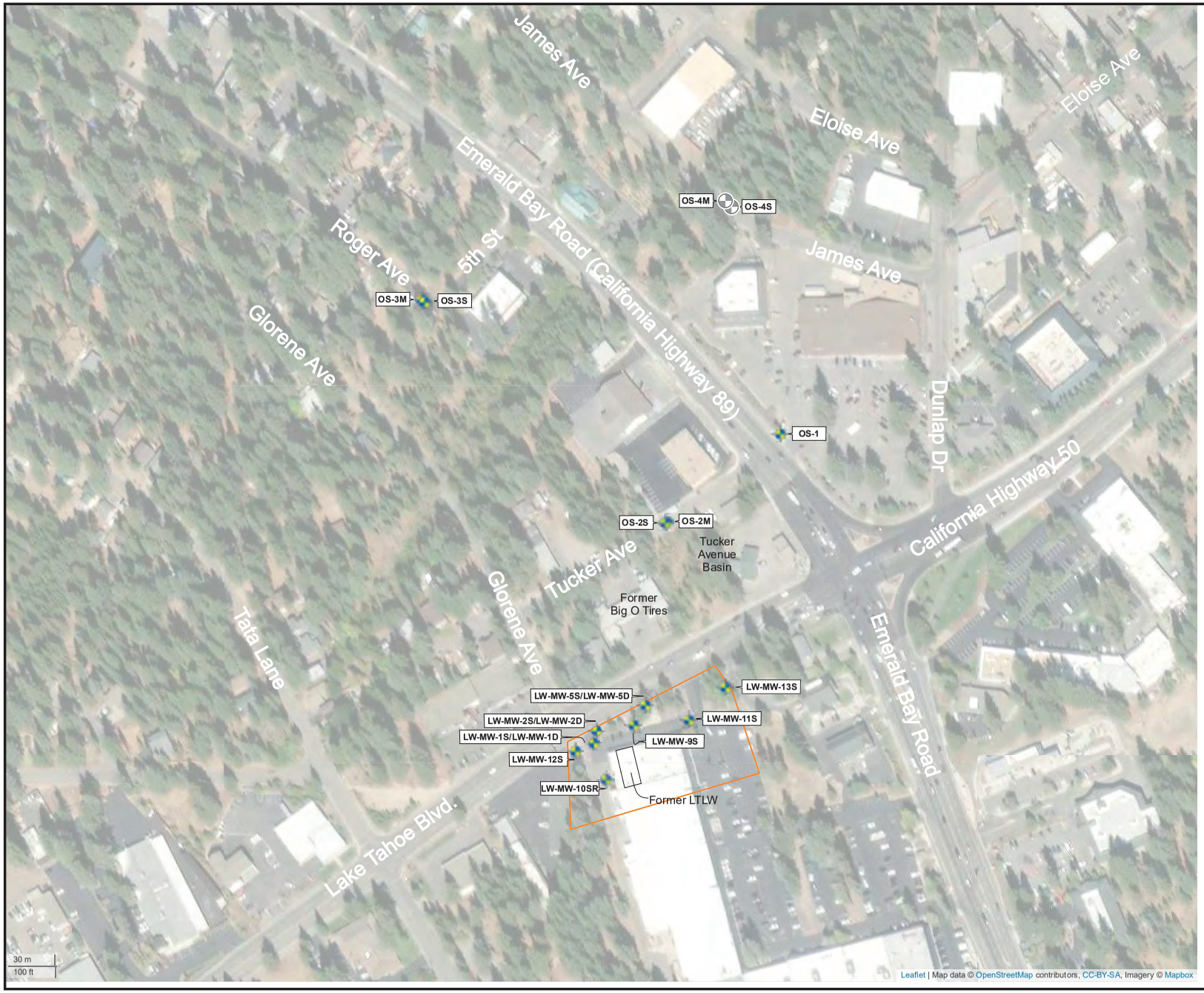
Latitude: 38.91244
Longitude: -120.00632

WEST
Environmental Services & Technology

SITE LOCATION MAP

1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Figure 1-1	August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M Destroyed Groundwater Monitoring Well and ID

OS-1 Groundwater Monitoring Well and ID

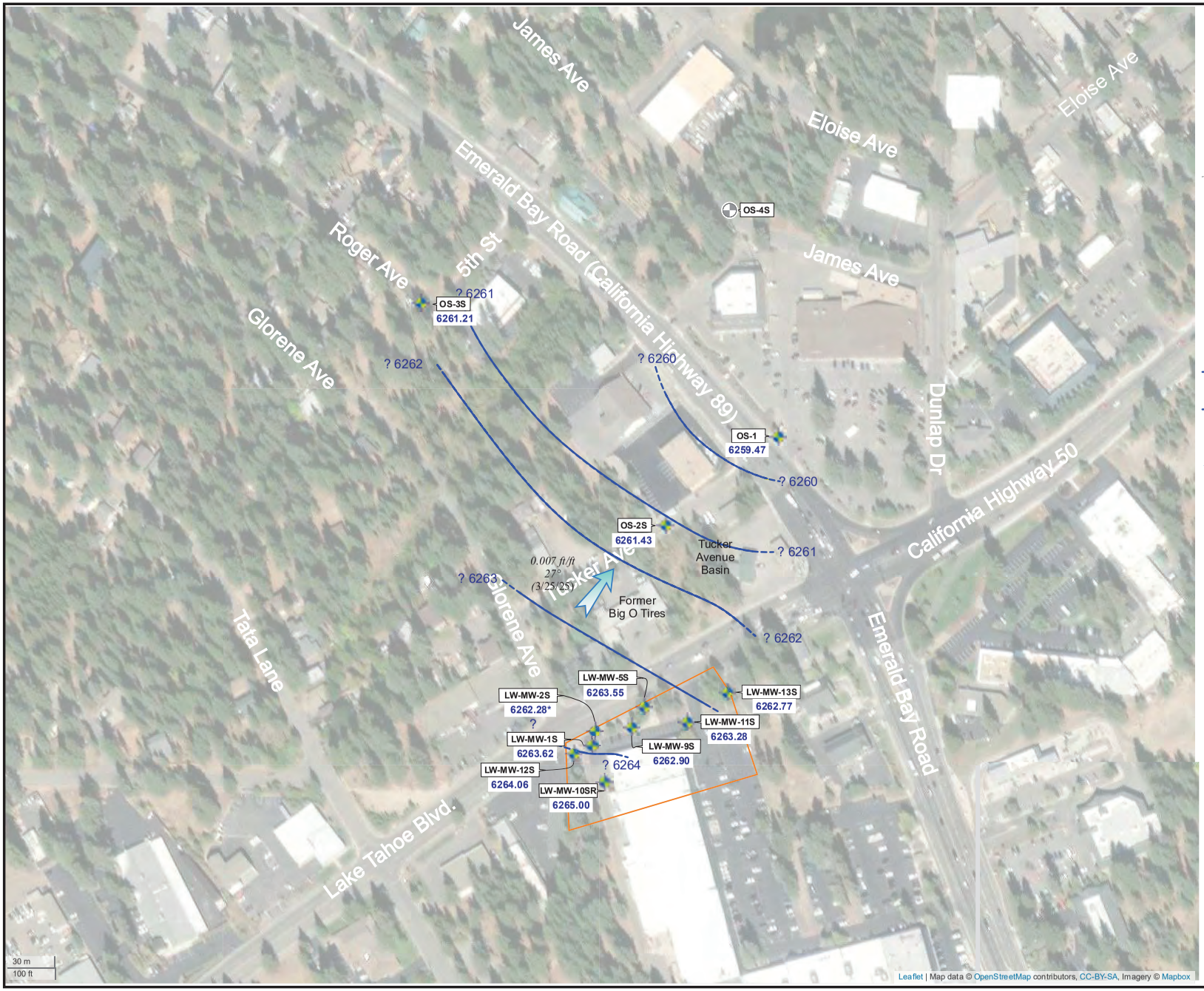
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

SITE PLAN AND VICINITY

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 1-2	July 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-1 / 6261.21 — Groundwater Monitoring Well ID (Shallow Zone); Groundwater Elevation (ft above MSL) Measured on 3/25/25
- Groundwater Elevation Contour Line (feet); Contour Interval = 1 feet
- ? — Dashed where inferred
- 0.007 ft/ft / 27° / (3/25/25) — Hydraulic Gradient (feet/feet); Groundwater Flow Direction (degrees); Measurement Date
- * — Groundwater Elevation for LW-MW2-S Not Used in Elevation Contours or Hydraulic Gradient Calculations

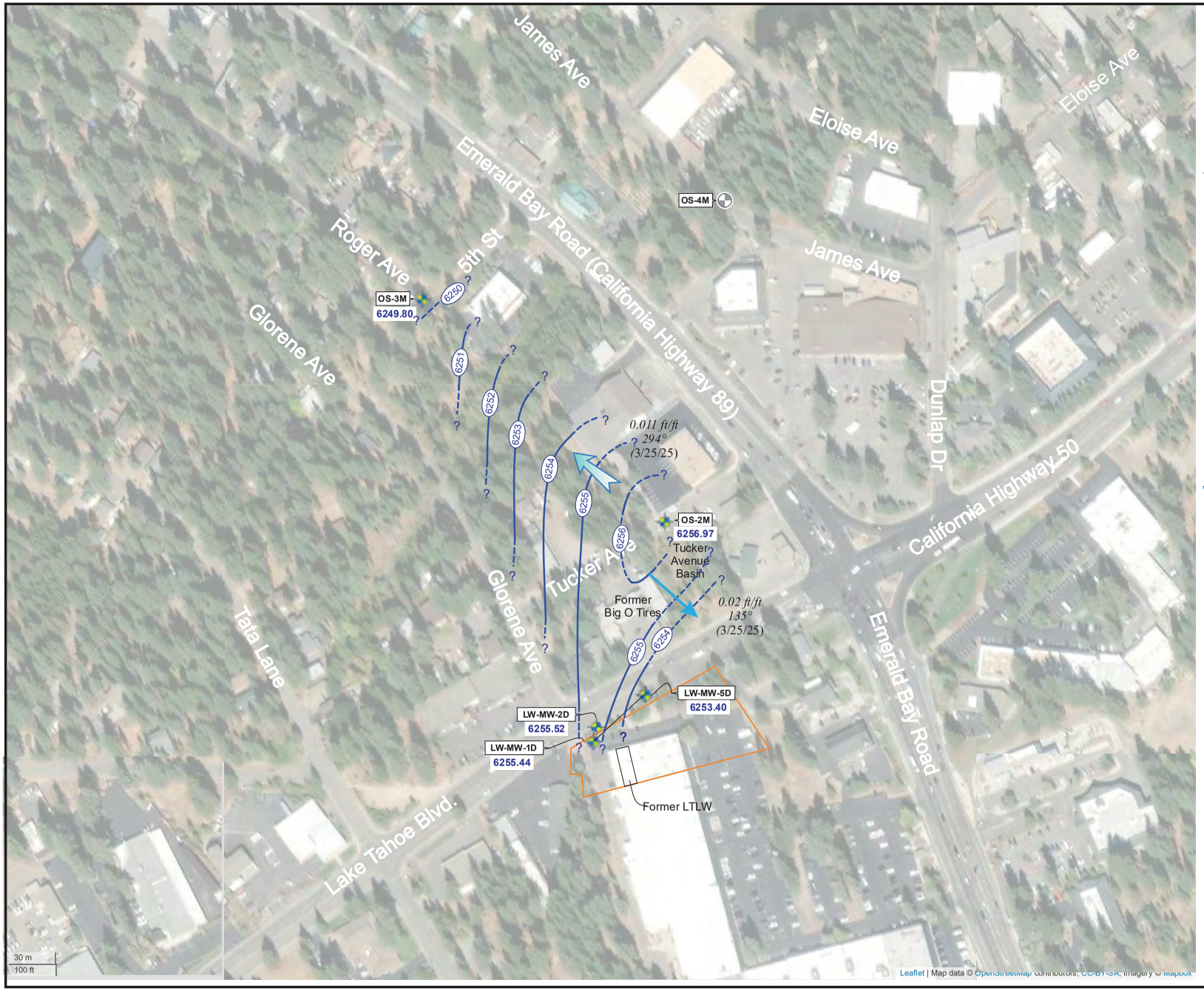
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

GROUNDWATER ELEVATIONS - SHALLOW ZONE, MARCH 25, 2025

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-1	August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-3M — Groundwater Monitoring Well ID (Middle Zone)

6249.80 — Groundwater Elevation (ft above MSL) Measured on 3/25/25

6253 — Groundwater Elevation Contour Line (feet)

Contour Interval = 1 feet

Dashed where Inferred

0.011 ft/ft, 294°, (3/25/25) — Hydraulic Gradient (feet/feet), Groundwater Flow Direction (degrees), Measurement Date

0.02 ft/ft, 135°, (3/25/25) — Hydraulic Gradient (feet/feet), Groundwater Flow Direction (degrees), Measurement Date

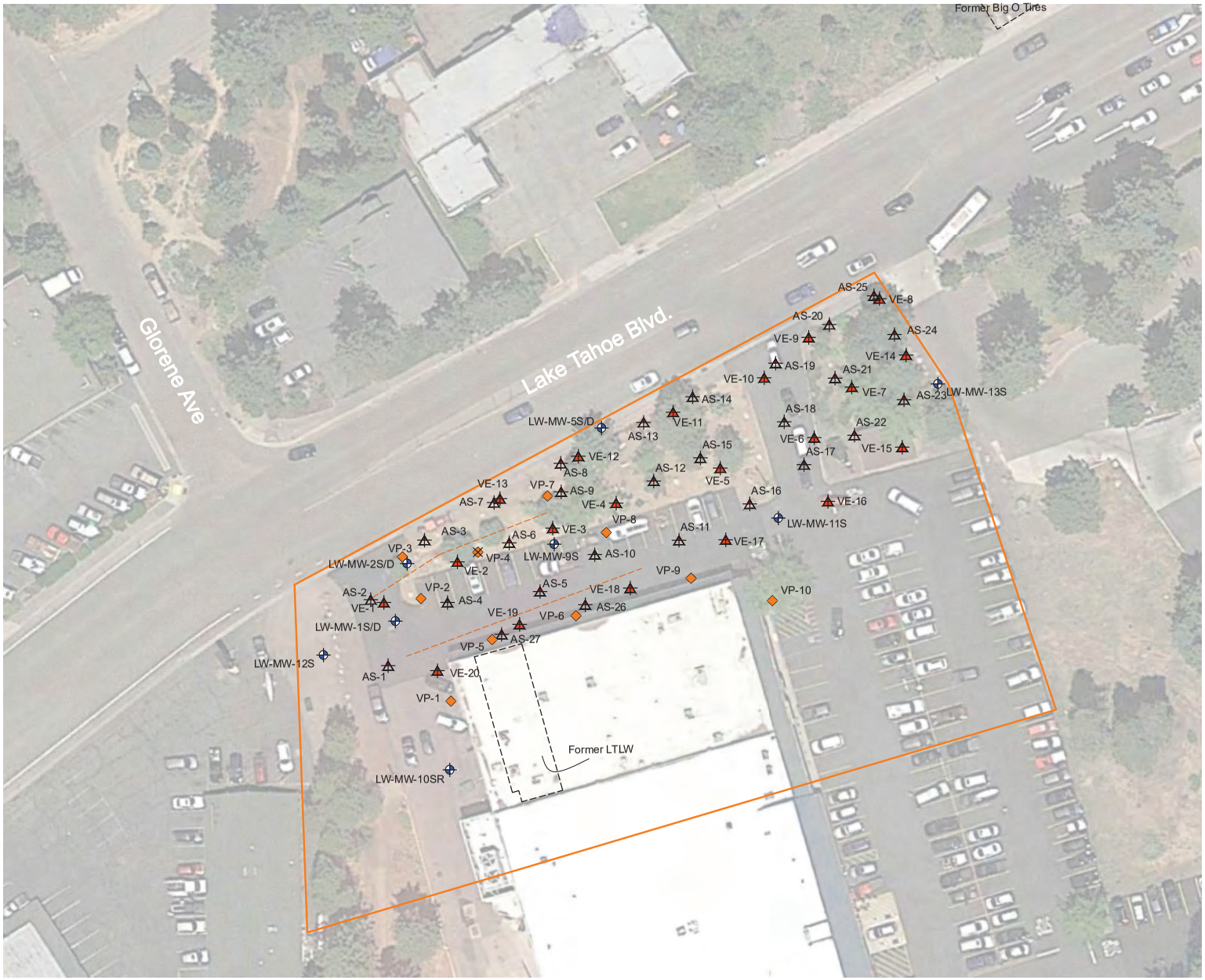
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

GROUNDWATER ELEVATIONS - MIDDLE ZONE, MARCH 25, 2025

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-2	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- VP-10 — Soil Gas Probe Location
- VE-1 — Soil Vapor Extraction (SVE) Well Location
- AS-27 — Air Sparge Well Location
- Horizontal SVE Well Locations
- VP-4 — Lost Soil Gas Probe Location

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SCALE IN FEET

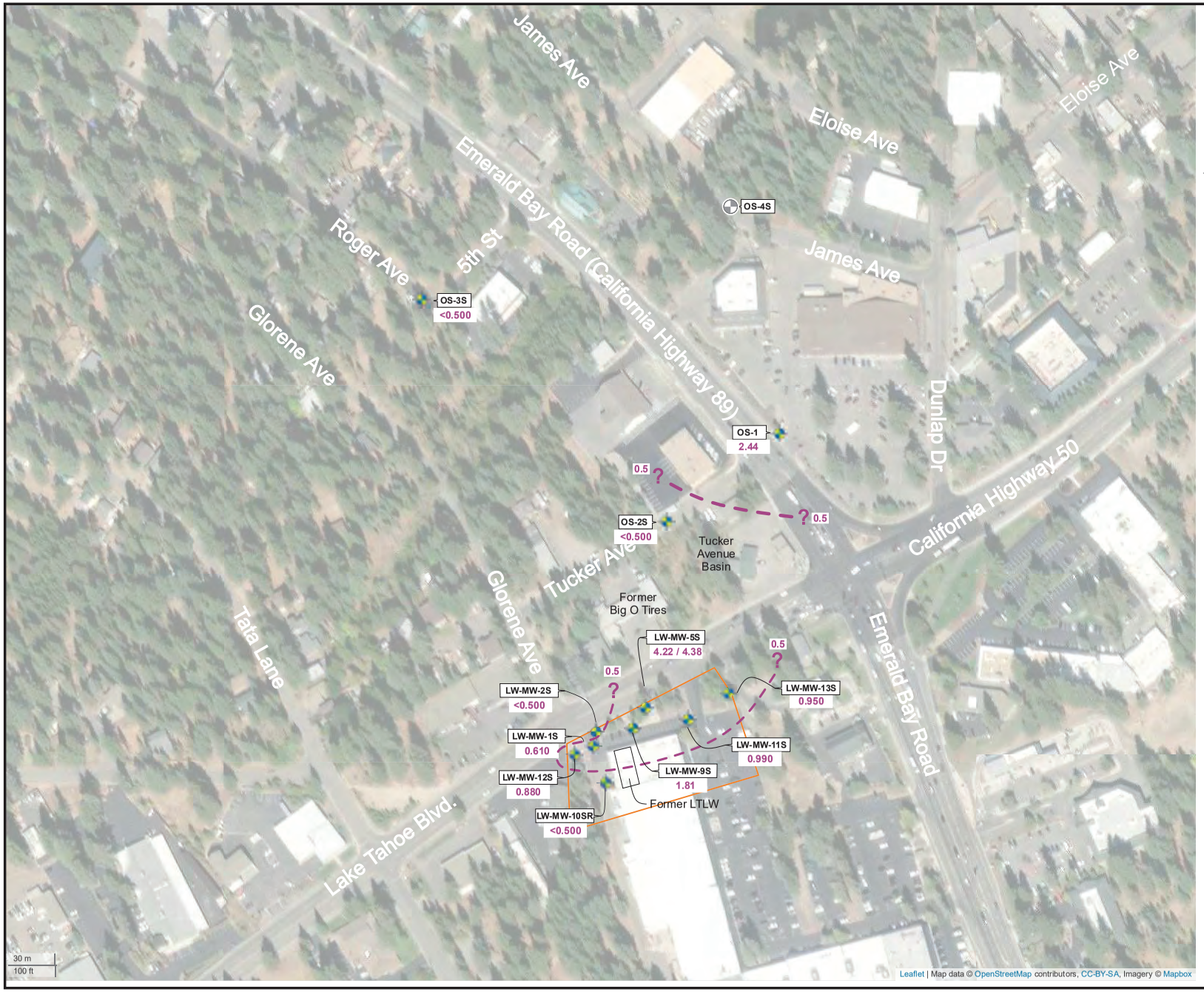
Basemap Source: Nv5, 2024
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

REMEDIATION WELL LOCATIONS

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-3	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-1 / 2.44 — Groundwater Monitoring Well ID (Shallow Zone) PCE Concentration (µg/L)
- Line of Equal PCE Concentration in Groundwater at 0.5 µg/L
- Dashed where Inferred

PCE: Tetrachloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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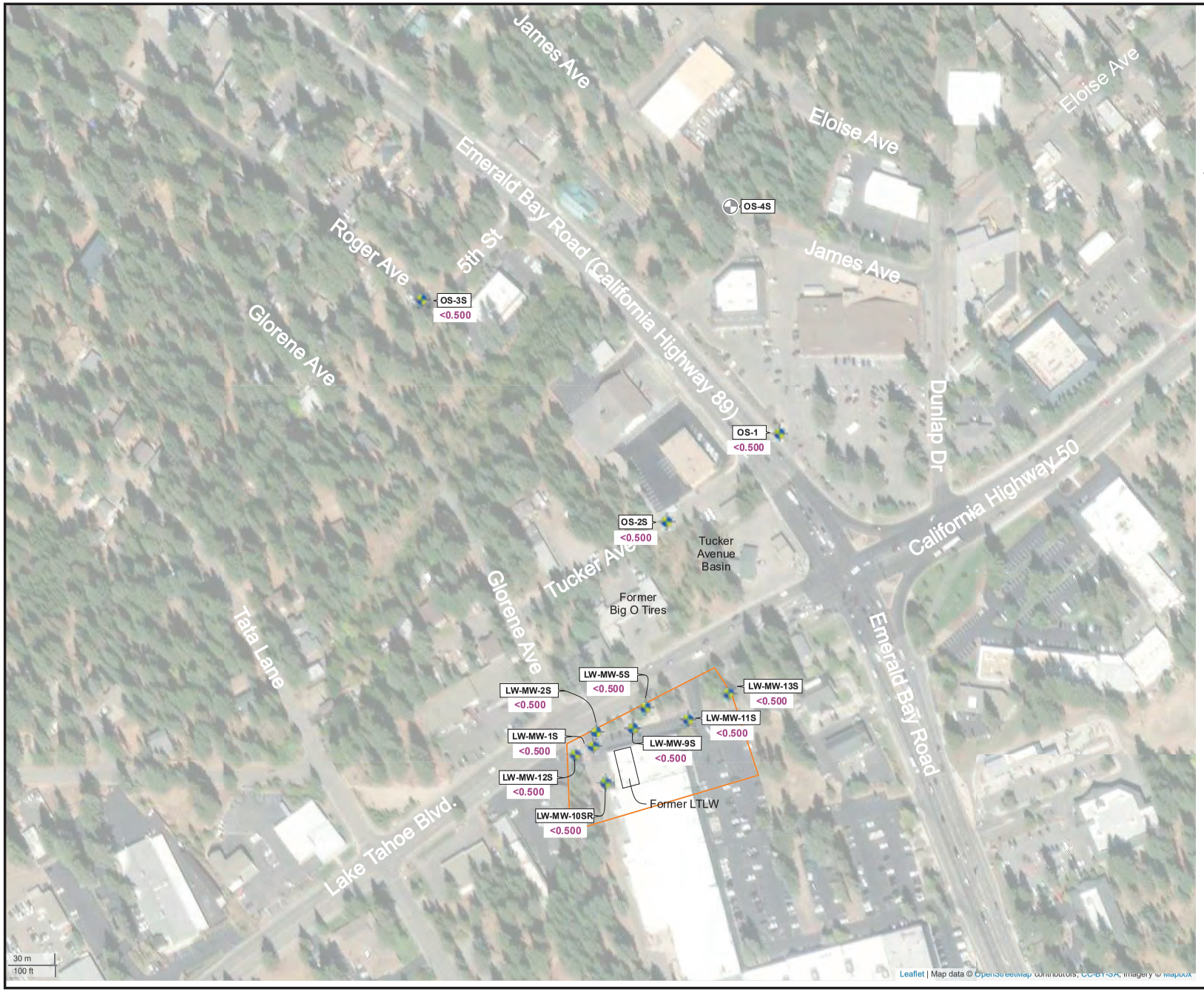
1Q25 PCE ISO-CONCENTRATIONS SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-4	August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-1 <0.500 — Groundwater Monitoring Well ID (Shallow Zone) TCE Concentration (µg/L)

TCE: Trichoroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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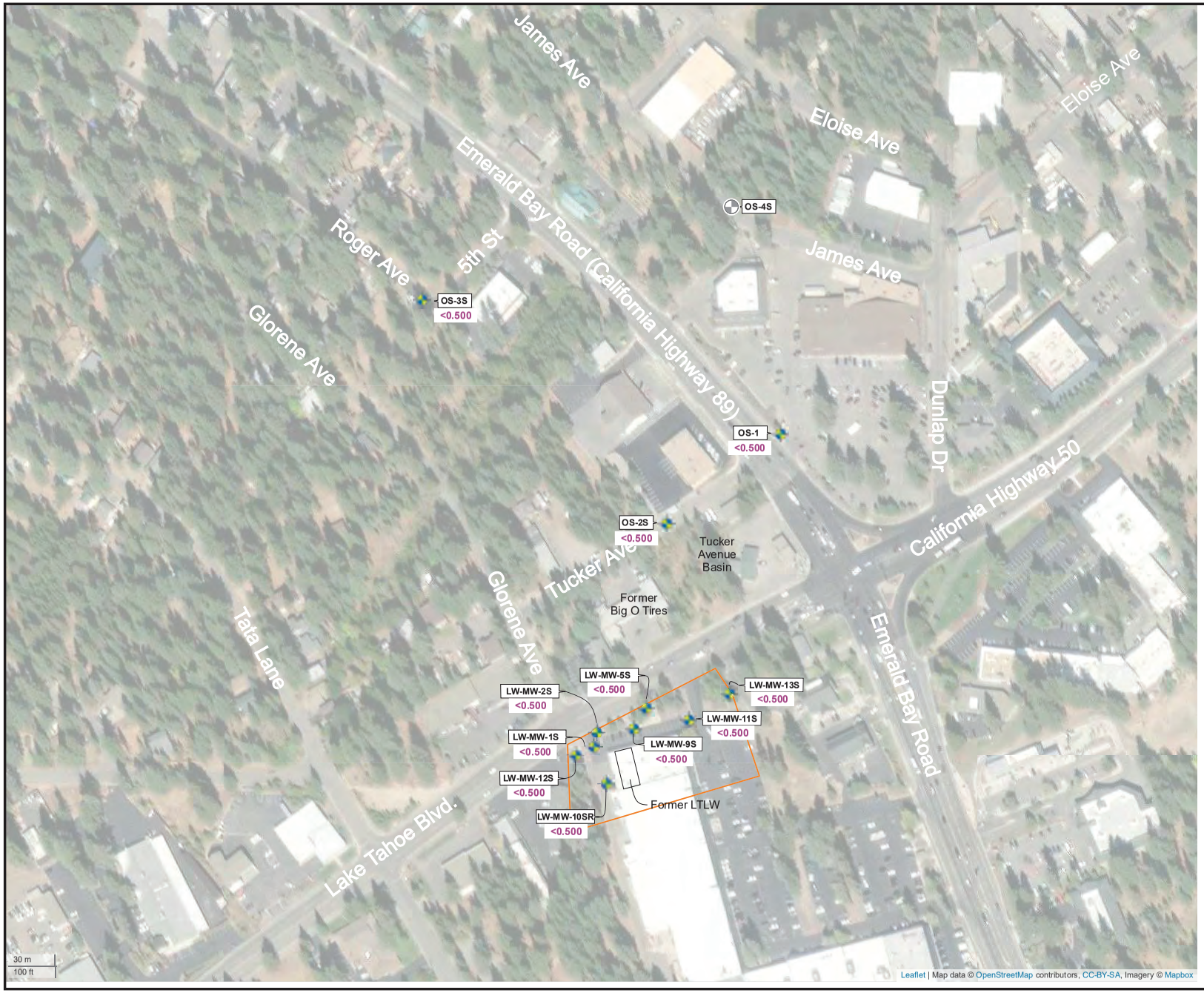
1Q25 TCE ISO-CONCENTRATIONS SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-5	August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-1 <0.500 — Groundwater Monitoring Well ID (Shallow Zone) cis-1,2-DCE Concentration (µg/L)

Line of Equal cis-1,2-DCE Concentration in Groundwater at 0.5 µg/L and 5.0 µg/L

Dashed where Inferred

cis-1,2-DCE: cis-1,2-Dichloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

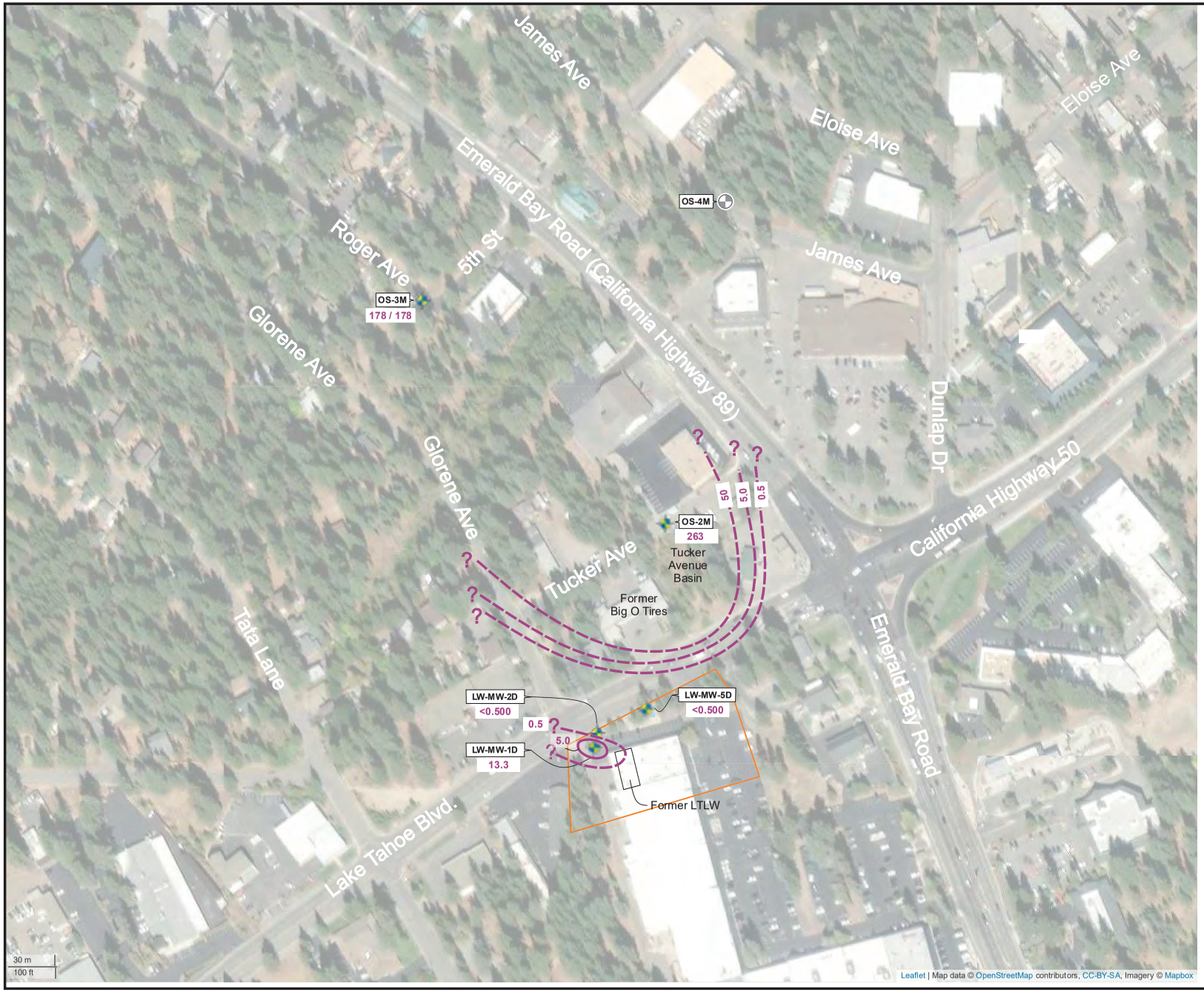
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

1Q25 CIS-1,2-DCE ISO-CONCENTRATIONS SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-6	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-3M, 178 / 178 — Groundwater Monitoring Well ID (Middle Zone); PCE Concentration (µg/L) - Primary and Duplicate Concentrations where Two Values are Presented
- Line of Equal PCE Concentration in Groundwater at 0.5, 5.0, and 50 µg/L
- Dashed where inferred

PCE: Tetrachloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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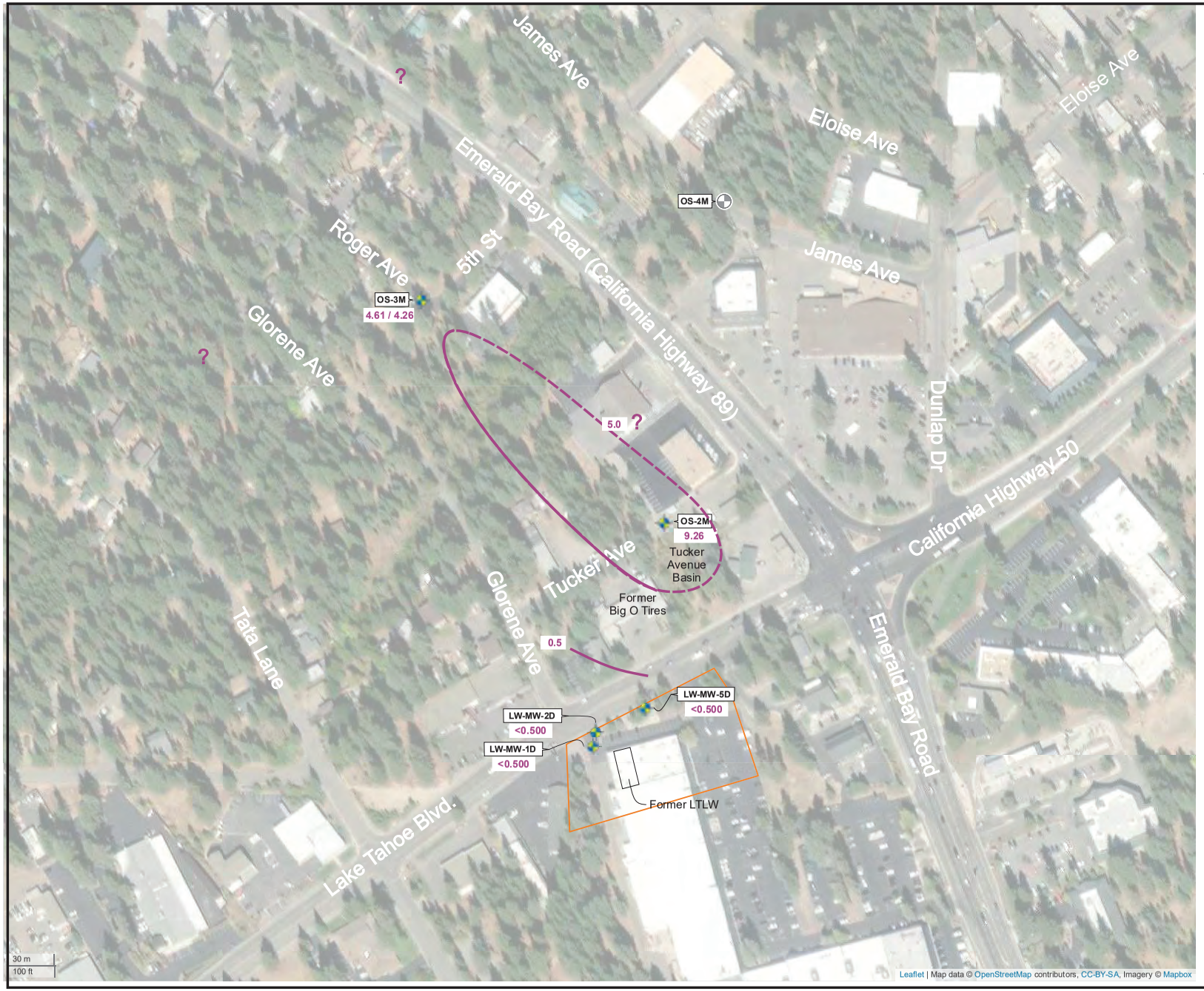
PCE CONTOURS MIDDLE ZONE GROUNDWATER 1Q25

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-7	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-3M — Groundwater Monitoring Well ID (Middle Zone)
  4.61 / 4.26 — TCE Concentration (µg/L) - Primary and Duplicate Concentrations where Two Values are Presented
- Line of Equal TCE Concentration in Groundwater at 0.5 µg/L and 5.0 µg/L
- Dashed where inferred

TCE: Trichoroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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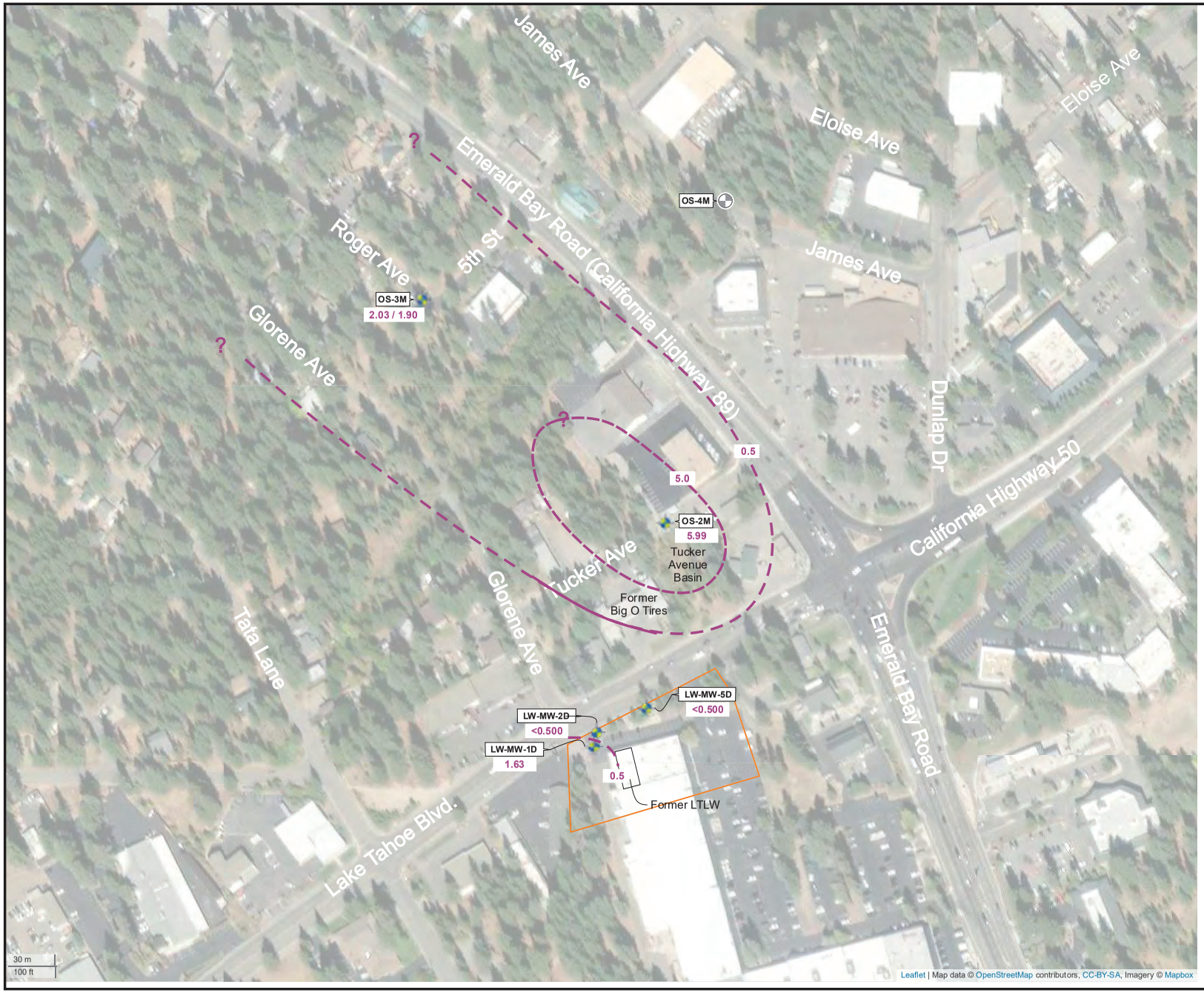
TCE CONTOURS MIDDLE ZONE GROUNDWATER 1Q25

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-8	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-3M / 1.75 — Groundwater Monitoring Well ID (Middle Zone) Cis-1,2-DCE Concentration (µg/L) - Primary and Duplicate Concentrations where Two Values are Presented
- Line of Equal cis-1,2-DCE Concentration in Groundwater at 0.5 µg/L and 5.0 µg/L
- Dashed where Inferred

Cis-1,2-DCE: Cis-1,2-Dichloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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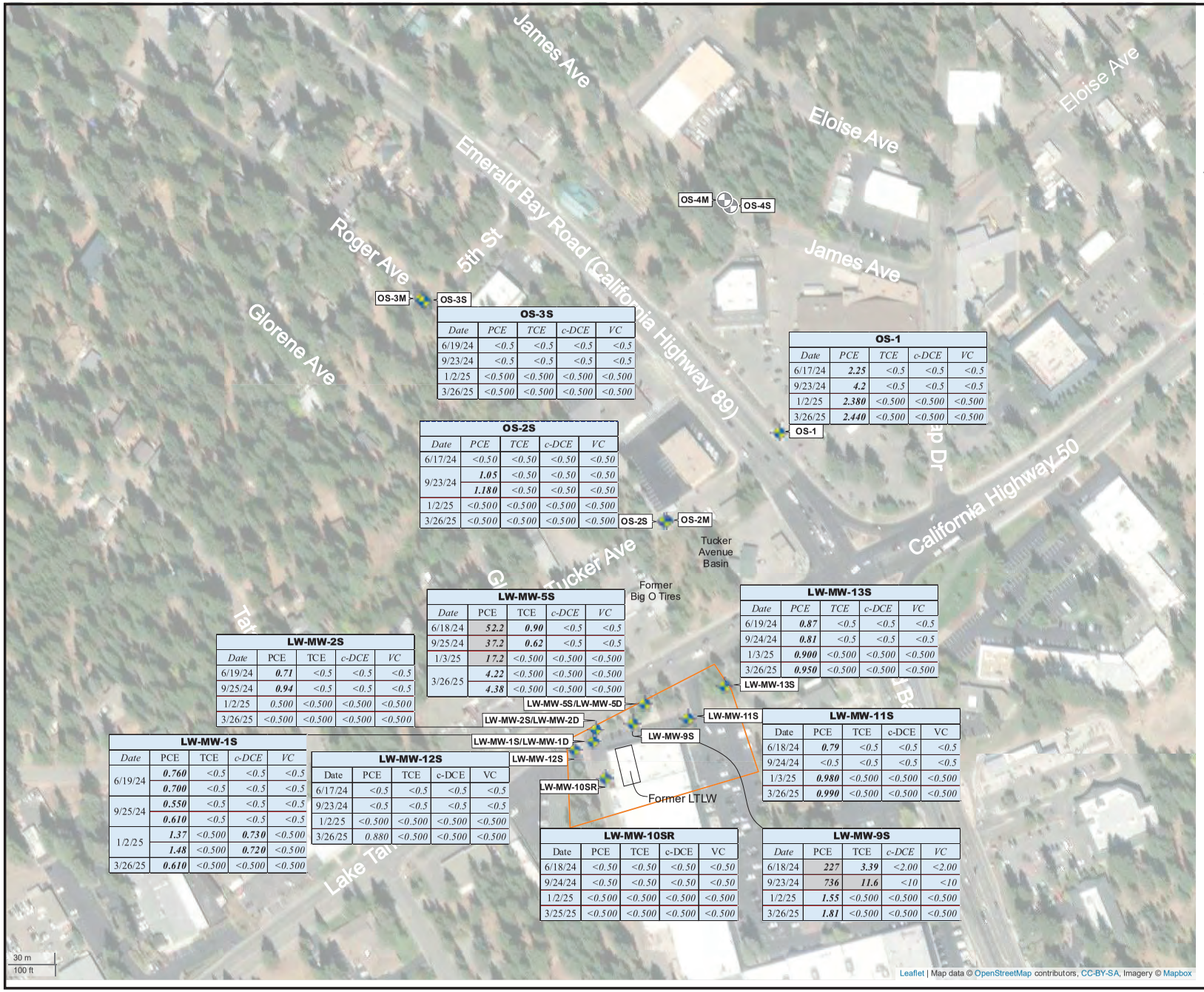
1Q25 CIS-1,2-DCE ISO-CONCENTRATIONS MIDDLE ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-9	August 2025



OS-3S

Date	PCE	TCE	c-DCE	VC
6/19/24	<0.5	<0.5	<0.5	<0.5
9/23/24	<0.5	<0.5	<0.5	<0.5
1/2/25	<0.500	<0.500	<0.500	<0.500
3/26/25	<0.500	<0.500	<0.500	<0.500

OS-1

Date	PCE	TCE	c-DCE	VC
6/17/24	**2.25**	<0.5	<0.5	<0.5
9/23/24	**4.2**	<0.5	<0.5	<0.5
1/2/25	**2.380**	<0.500	<0.500	<0.500
3/26/25	**2.440**	<0.500	<0.500	<0.500

OS-2S

Date	PCE	TCE	c-DCE	VC
6/17/24	<0.50	<0.50	<0.50	<0.50
9/23/24	**1.05**	<0.50	<0.50	<0.50
	1.180	<0.50	<0.50	<0.50
1/2/25	<0.500	<0.500	<0.500	<0.500
3/26/25	<0.500	<0.500	<0.500	<0.500

LW-MW-5S

Date	PCE	TCE	c-DCE	VC
6/18/24	**52.2**	**0.90**	<0.5	<0.5
9/25/24	**37.2**	**0.62**	<0.5	<0.5
1/3/25	**17.2**	<0.500	<0.500	<0.500
3/26/25	**4.22**	<0.500	<0.500	<0.500
	4.38	<0.500	<0.500	<0.500

LW-MW-13S

Date	PCE	TCE	c-DCE	VC
6/19/24	**0.87**	<0.5	<0.5	<0.5
9/24/24	**0.81**	<0.5	<0.5	<0.5
1/3/25	**0.900**	<0.500	<0.500	<0.500
3/26/25	**0.950**	<0.500	<0.500	<0.500

LW-MW-2S

Date	PCE	TCE	c-DCE	VC
6/19/24	**0.71**	<0.5	<0.5	<0.5
9/25/24	**0.94**	<0.5	<0.5	<0.5
1/2/25	0.500	<0.500	<0.500	<0.500
3/26/25	<0.500	<0.500	<0.500	<0.500

LW-MW-1S

Date	PCE	TCE	c-DCE	VC
6/19/24	**0.760**	<0.5	<0.5	<0.5
	0.700	<0.5	<0.5	<0.5
9/25/24	**0.550**	<0.5	<0.5	<0.5
	0.610	<0.5	<0.5	<0.5
1/2/25	**1.37**	<0.500	**0.730**	<0.500
	1.48	<0.500	**0.720**	<0.500
3/26/25	**0.610**	<0.500	<0.500	<0.500

LW-MW-12S

Date	PCE	TCE	c-DCE	VC
6/17/24	<0.5	<0.5	<0.5	<0.5
9/23/24	<0.5	<0.5	<0.5	<0.5
1/2/25	<0.500	<0.500	<0.500	<0.500
3/26/25	0.880	<0.500	<0.500	<0.500

LW-MW-11S

Date	PCE	TCE	c-DCE	VC
6/18/24	**0.79**	<0.5	<0.5	<0.5
9/24/24	<0.5	<0.5	<0.5	<0.5
1/3/25	**0.980**	<0.500	<0.500	<0.500
3/26/25	**0.990**	<0.500	<0.500	<0.500

LW-MW-10SR

Date	PCE	TCE	c-DCE	VC
6/18/24	<0.50	<0.50	<0.50	<0.50
9/24/24	<0.50	<0.50	<0.50	<0.50
1/2/25	<0.500	<0.500	<0.500	<0.500
3/25/25	<0.500	<0.500	<0.500	<0.500

LW-MW-9S

Date	PCE	TCE	c-DCE	VC
6/18/24	**227**	**3.39**	<2.00	<2.00
9/23/24	**736**	**11.6**	<10	<10
1/2/25	**1.55**	<0.500	<0.500	<0.500
3/26/25	**1.81**	<0.500	<0.500	<0.500

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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

LW-MW-5S/LW-MW-5D — Groundwater Monitoring Well and ID

736 — Grey - Concentration above Screening Level µg/L

2.38 — Bold - Detected Concentration µg/L

<0.500 — Concentration Below Laboratory-Reporting Limit µg/L

WBZ: Water Bearing Zone
S: Shallow
M: Middle
PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
VC: Vinyl chloride
µg/L: Micrograms per liter

Latitude: 38.91343, Longitude: -120.00621

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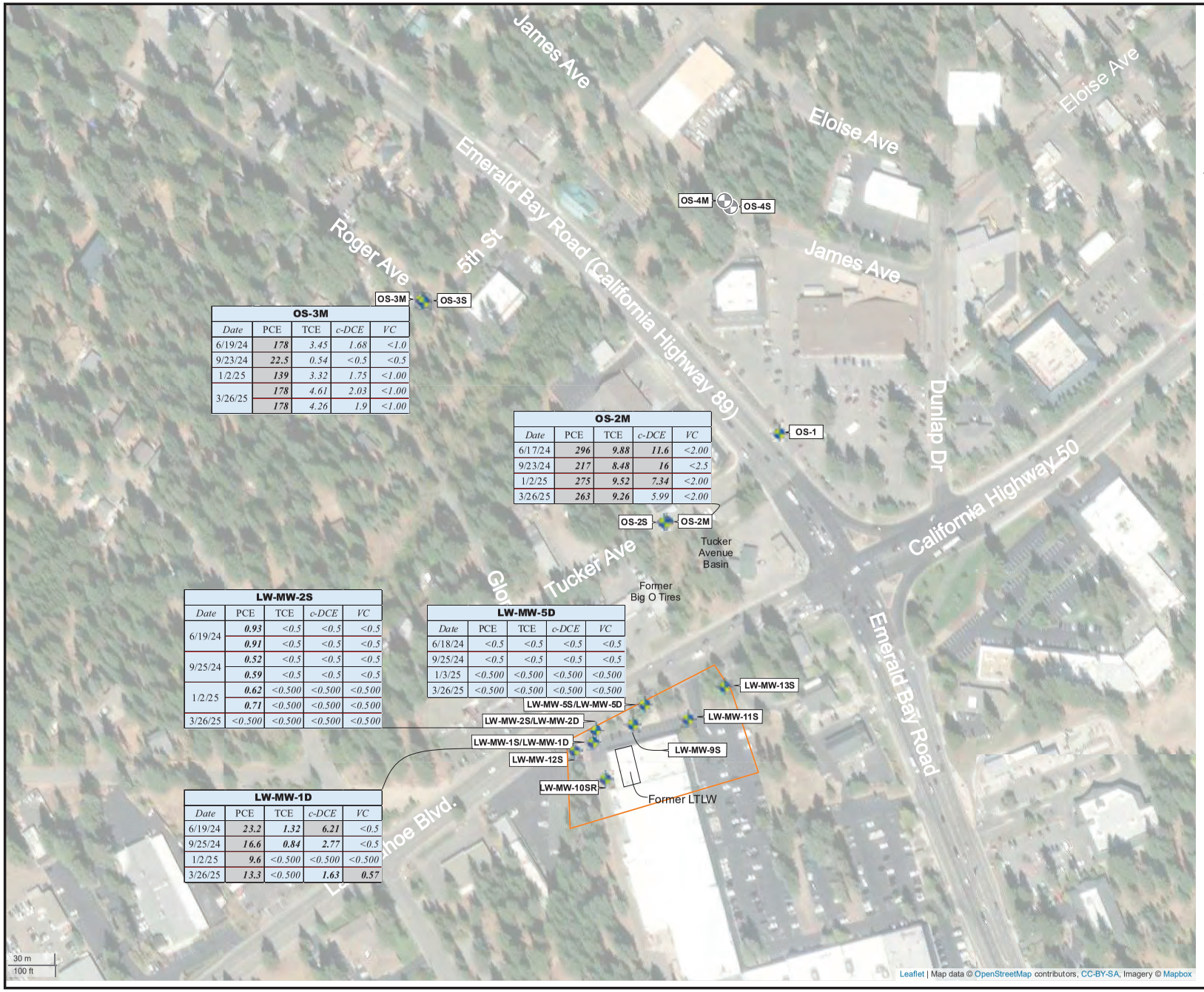
DISTRIBUTION OF CVOCS IN GROUNDWATER, SHALLOW ZONE AQUIFER

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-10 | August 2025



OS-3M

Date	PCE	TCE	c-DCE	VC
6/19/24	***178***	*3.45*	*1.68*	*<1.0*
9/23/24	***22.5***	*0.54*	*<0.5*	*<0.5*
1/2/25	***139***	*3.32*	*1.75*	*<1.00*
3/26/25	***178***	*4.61*	*2.03*	*<1.00*
	178	*4.26*	*1.9*	*<1.00*

OS-2M

Date	PCE	TCE	c-DCE	VC
6/17/24	***296***	***9.88***	***11.6***	*<2.00*
9/23/24	***217***	***8.48***	***16***	*<2.5*
1/2/25	***275***	***9.52***	***7.34***	*<2.00*
3/26/25	***263***	***9.26***	*5.99*	*<2.00*

LW-MW-2S

Date	PCE	TCE	c-DCE	VC
6/19/24	***0.93***	*<0.5*	*<0.5*	*<0.5*
	0.91	*<0.5*	*<0.5*	*<0.5*
9/25/24	***0.52***	*<0.5*	*<0.5*	*<0.5*
	0.59	*<0.5*	*<0.5*	*<0.5*
1/2/25	***0.62***	*<0.500*	*<0.500*	*<0.500*
	0.71	*<0.500*	*<0.500*	*<0.500*
3/26/25	*<0.500*	*<0.500*	*<0.500*	*<0.500*

LW-MW-5D

Date	PCE	TCE	c-DCE	VC
6/18/24	*<0.5*	*<0.5*	*<0.5*	*<0.5*
9/25/24	*<0.5*	*<0.5*	*<0.5*	*<0.5*
1/3/25	*<0.500*	*<0.500*	*<0.500*	*<0.500*
3/26/25	*<0.500*	*<0.500*	*<0.500*	*<0.500*

LW-MW-1D

Date	PCE	TCE	c-DCE	VC
6/19/24	***23.2***	***1.32***	***6.21***	*<0.5*
9/25/24	***16.6***	***0.84***	***2.77***	*<0.5*
1/2/25	***9.6***	*<0.500*	*<0.500*	*<0.500*
3/26/25	***13.3***	*<0.500*	***1.63***	***0.57***

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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

LW-MW-5S/LW-MW-5D — Groundwater Monitoring Well and ID

736 — Grey - Concentration above Screening Level (µg/L)

2.38 — Bold - Detected Concentration (µg/L)

<0.500 — Concentration Below Laboratory-Reporting Limit (µg/L)

WBZ: Water Bearing Zone
S: Shallow
M: Middle
PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
VC: Vinyl chloride
µg/L: Micrograms per liter

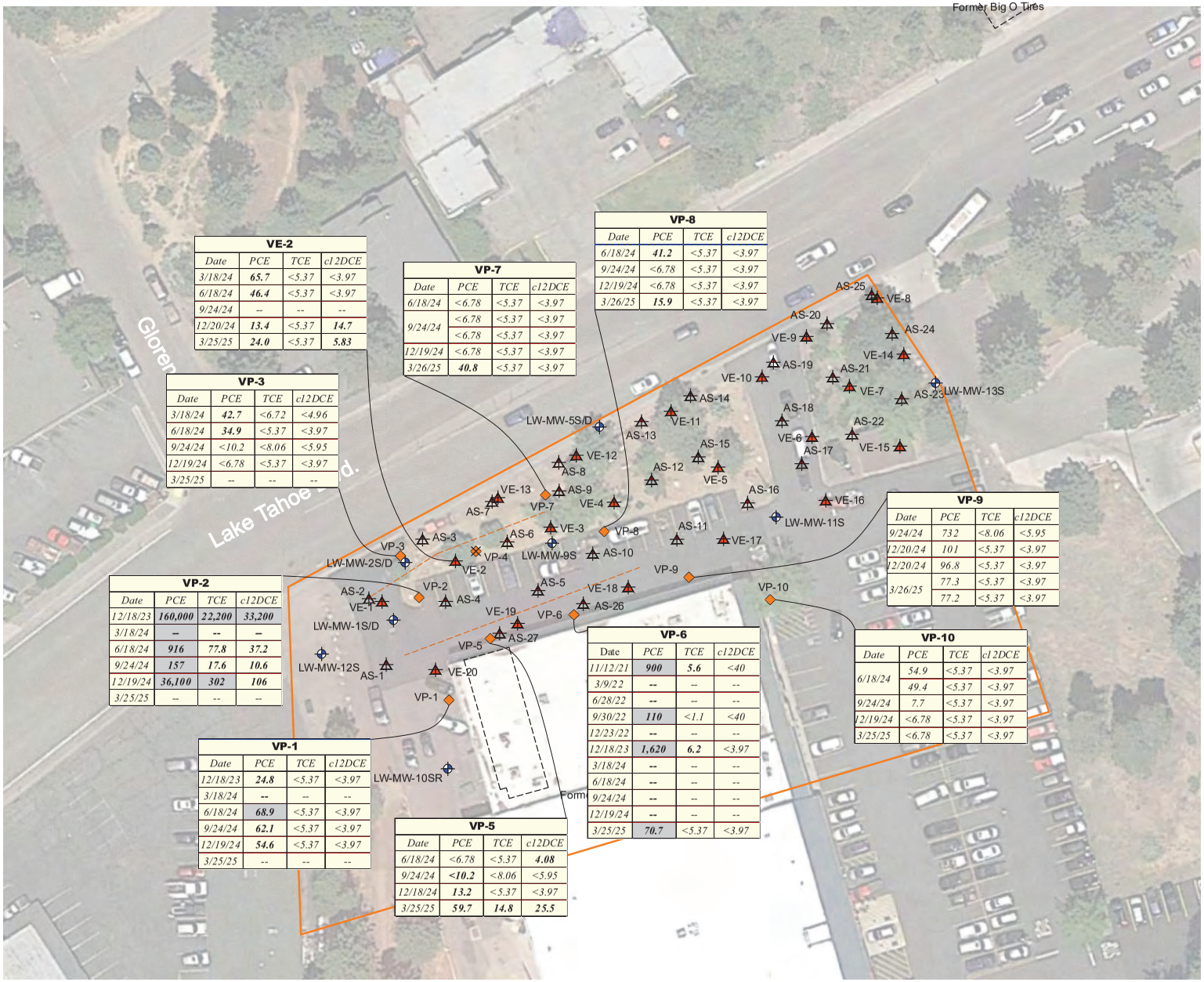
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

DISTRIBUTION OF CVOCS IN GROUNDWATER, MIDDLE ZONE AQUIFER

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-11 | August 2025



VE-2

Date	PCE	TCE	c12DCE
3/18/24	**65.7**	<5.37	<3.97
6/18/24	**46.4**	<5.37	<3.97
9/24/24	--	--	--
12/20/24	**13.4**	<5.37	**14.7**
3/25/25	**24.0**	<5.37	**5.83**

VP-7

Date	PCE	TCE	c12DCE
6/18/24	<6.78	<5.37	<3.97
9/24/24	<6.78	<5.37	<3.97
	<6.78	<5.37	<3.97
12/19/24	<6.78	<5.37	<3.97
3/26/25	**40.8**	<5.37	<3.97

VP-8

Date	PCE	TCE	c12DCE
6/18/24	**41.2**	<5.37	<3.97
9/24/24	<6.78	<5.37	<3.97
12/19/24	<6.78	<5.37	<3.97
3/26/25	**15.9**	<5.37	<3.97

VP-3

Date	PCE	TCE	c12DCE
3/18/24	**42.7**	<6.72	<4.96
6/18/24	**34.9**	<5.37	<3.97
9/24/24	<10.2	<8.06	<5.95
12/19/24	<6.78	<5.37	<3.97
3/25/25	--	--	--

VP-9

Date	PCE	TCE	c12DCE
9/24/24	732	<8.06	<5.95
12/20/24	101	<5.37	<3.97
12/20/24	96.8	<5.37	<3.97
3/26/25	77.3	<5.37	<3.97
	77.2	<5.37	<3.97

VP-2

Date	PCE	TCE	c12DCE
12/18/23	**160,000**	**22,200**	**33,200**
3/18/24	--	--	--
6/18/24	**916**	**77.8**	**37.2**
9/24/24	**157**	**17.6**	**10.6**
12/19/24	**36,100**	**302**	**106**
3/25/25	--	--	--

VP-6

Date	PCE	TCE	c12DCE
11/12/21	**900**	**5.6**	<40
3/9/22	--	--	--
6/28/22	--	--	--
9/30/22	**110**	<1.1	<40
12/23/22	--	--	--
12/18/23	**1,620**	**6.2**	<3.97
3/18/24	--	--	--
6/18/24	--	--	--
9/24/24	--	--	--
12/19/24	--	--	--
3/25/25	**70.7**	<5.37	<3.97

VP-10

Date	PCE	TCE	c12DCE
6/18/24	54.9	<5.37	<3.97
	49.4	<5.37	<3.97
9/24/24	7.7	<5.37	<3.97
12/19/24	<6.78	<5.37	<3.97
3/25/25	<6.78	<5.37	<3.97

VP-1

Date	PCE	TCE	c12DCE
12/18/23	**24.8**	<5.37	<3.97
3/18/24	--	--	--
6/18/24	**68.9**	<5.37	<3.97
9/24/24	**62.1**	<5.37	<3.97
12/19/24	**54.6**	<5.37	<3.97
3/25/25	--	--	--

VP-5

Date	PCE	TCE	c12DCE
6/18/24	<6.78	<5.37	**4.08**
9/24/24	**<10.2**	<8.06	<5.95
12/18/24	**13.2**	<5.37	<3.97
3/25/25	**59.7**	**14.8**	**25.5**

Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- VP-10 — Soil Gas Probe Location
- VE-1 — Soil Vapor Extraction (SVE) Well Location
- AS-27 — Air Sparge Well Location
- Horizontal SVE Well Locations
- VP-4 — Lost Soil Gas Probe Location

- 70.7 — Grey - Concentration above Screening Level (µg/m³)
- **46.4** — Bold - Detected Concentration (µg/m³)
- <3.97 — Concentration Below Laboratory-Reporting Limit (µg/m³)

PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
µg/m³: Micrograms per Cubic Meter
VE-2 Sampled in Lieu of Lost VP-4 Soil Gas Probe

N

0 50

SCALE IN FEET

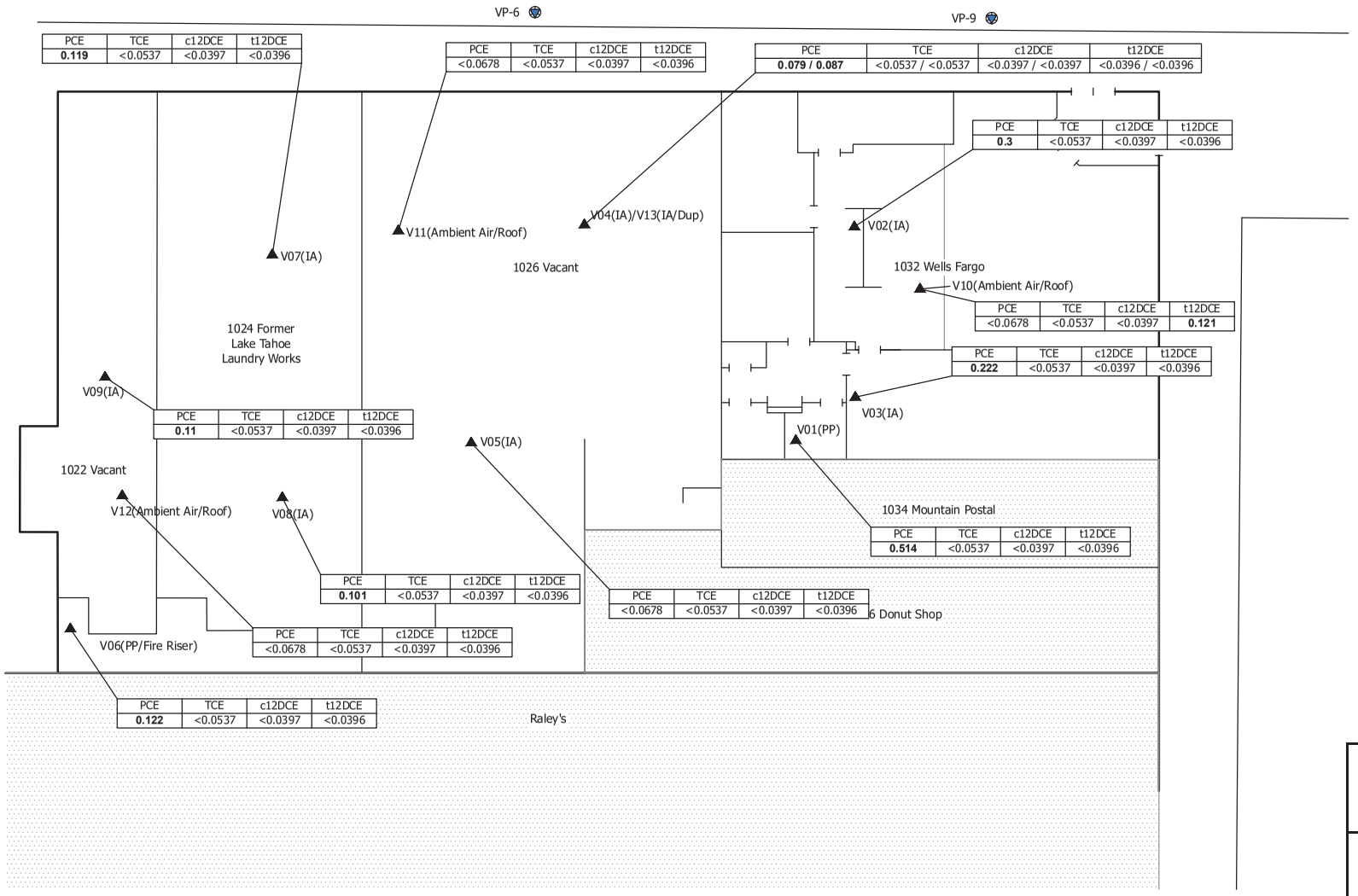
Basemap Source: Nv5, 2024
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

SOIL VAPOR ANALYTICAL RESULTS

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-12 | August 2025



Explanation

- VP-6 Vapor Sampling Point
- V01(PP) Air Sample Location and ID
- (IA) Indoor Air Sample
- (PP) Pathway Sample
- (Dup) Duplicate Sample
- Not Part of Sampling

Notes:

All samples shown in micrograms per cubic meter of air (µg/m 3)

<0.537 = Not detected at or above indicated laboratory reporting limit

Detections are shown in **bold**

0.250 / 0.245 = Sample / Duplicate Sample

PCE = Tetrachloroethene

TCE = trichloroethene

c12DCE = cis-1,2-Dichloroethene

t12DCE = trans-1,2-Dichloroethene

N

0 15

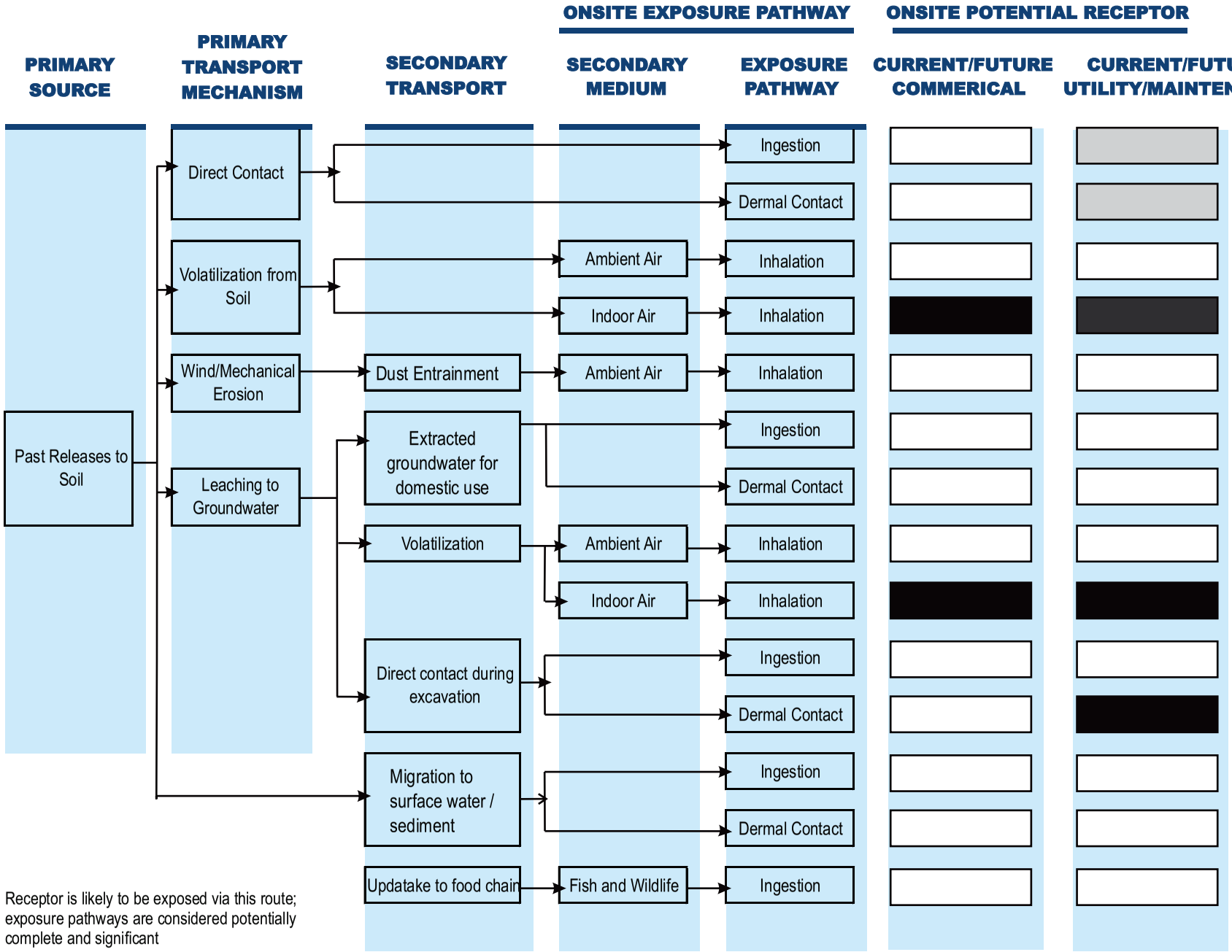
APPROXIMATE SCALE IN FEET

WEST Environmental Services & Technology

SUMMARY OF INDOOR AND AMBIENT AIR RESULTS (DEC 23-24, 2015)

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-13 | August 2025



Legend:

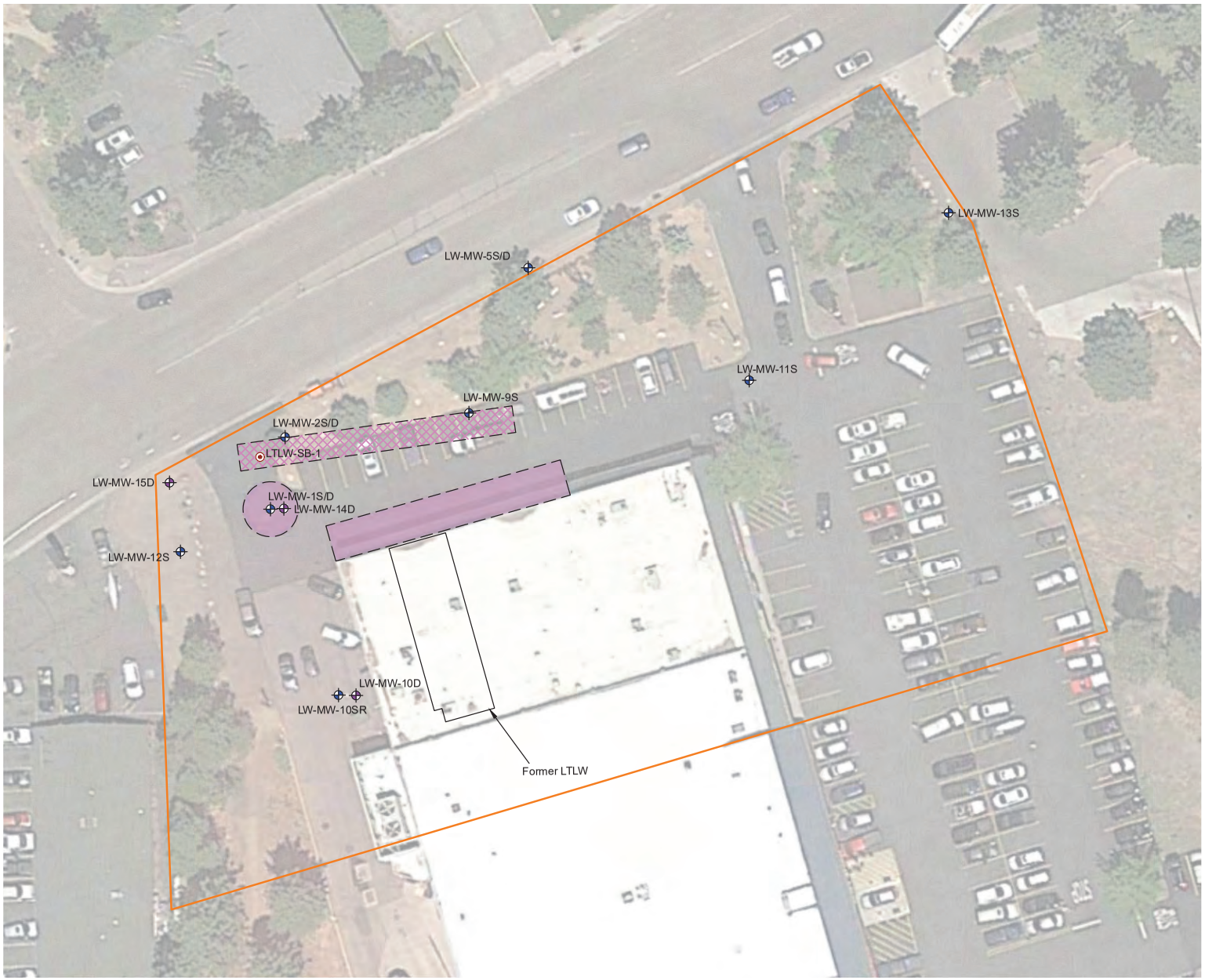
Receptor is likely to be exposed via this route; exposure pathways are considered potentially complete and significant

Receptor may be exposed via this route; however, exposure is likely insignificant

Pathway is compete and not evaluated further

Depth to groundwater has been observed at 2 to 16-feet below ground surface; CSM does not evaluate off-Site receptors

Figure 3-1	**CONCEPTUAL SITE MODEL CHART**	WEST Environmental Services & Technology
August 2025	1024 Lake Tahoe Boulevard, South Lake Tahoe, California	



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

N

0 40

SCALE IN FEET

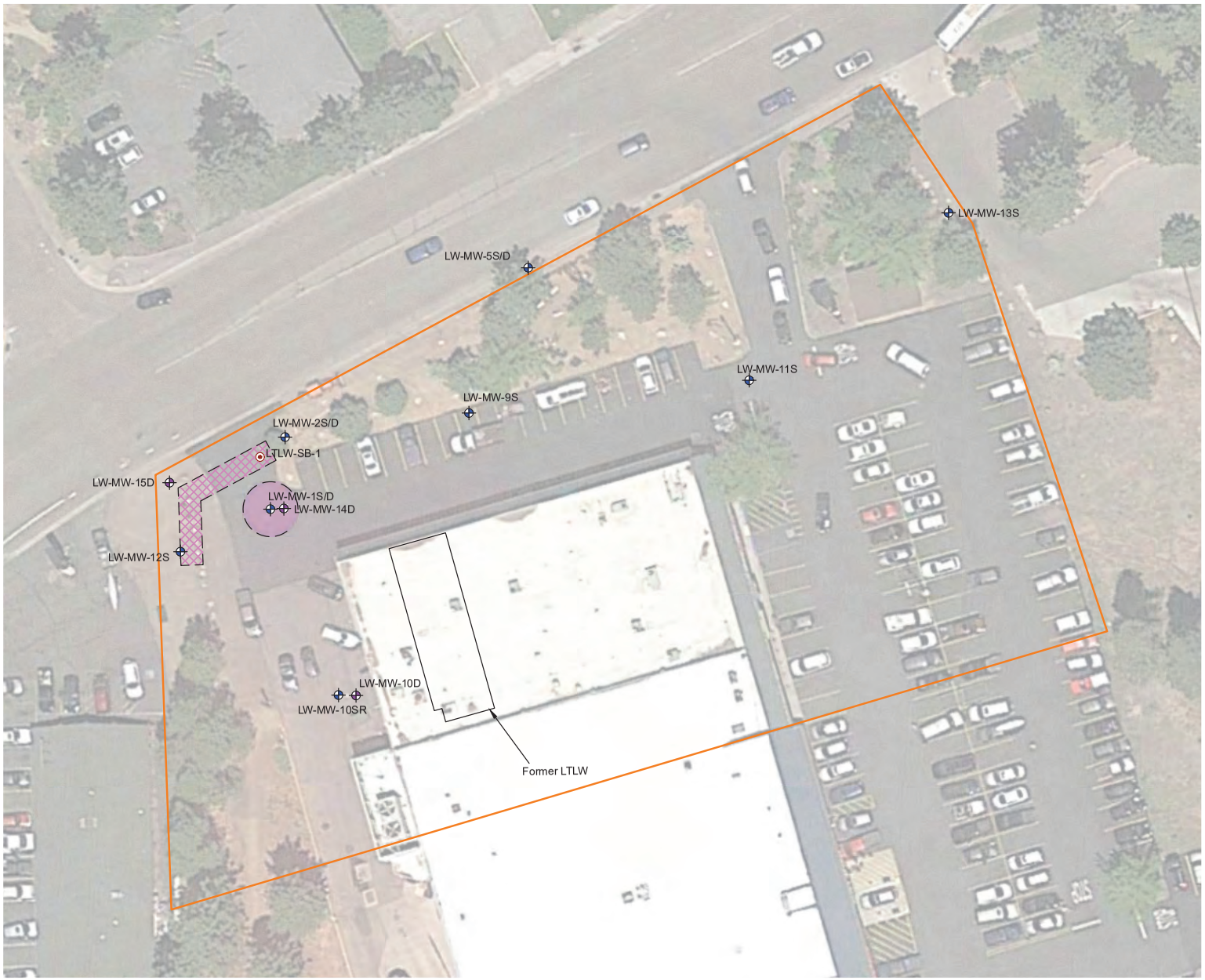
Aerial Photo: June 07, 2018 (Google 2019)

WEST Environmental Services & Technology

SHALLOW ZONE TREATMENT AREAS

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-1	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

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SUBJECT TO EVIDENCE CODE 1152

N

0 40

SCALE IN FEET

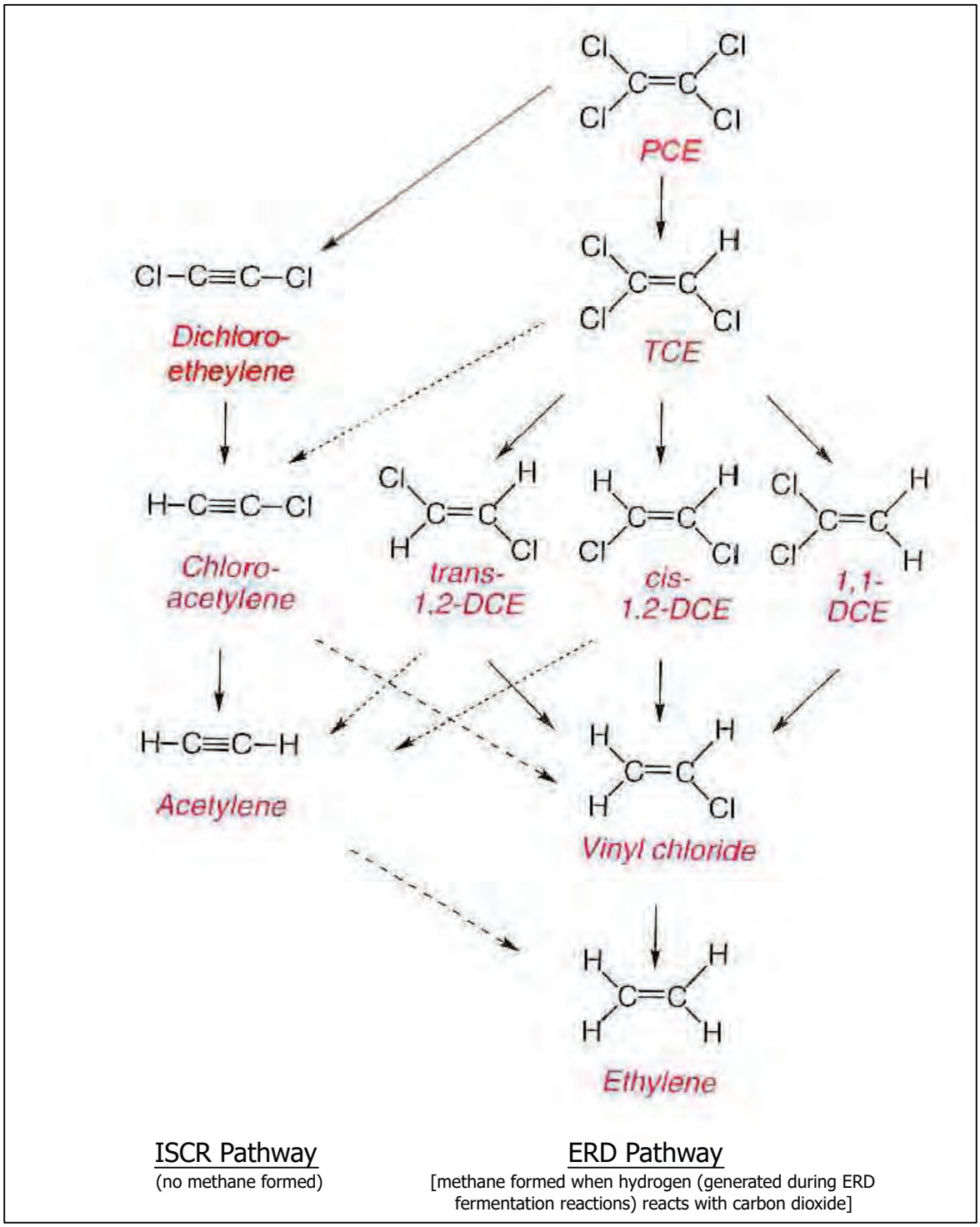
Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

MIDDLE ZONE TREATMENT AREAS

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-2	August 2025



ERD = Enhanced Reductive Dechlorination
ISCR = In-Situ Chemical Reduction
PCE = Tetrachloroethylene
TCE = Trichloroethylene
DCE = Dichloroethylene
Adapted from "Chlorinated Solvent Source Zone Remediation", SERDP/ESTCP, 2014

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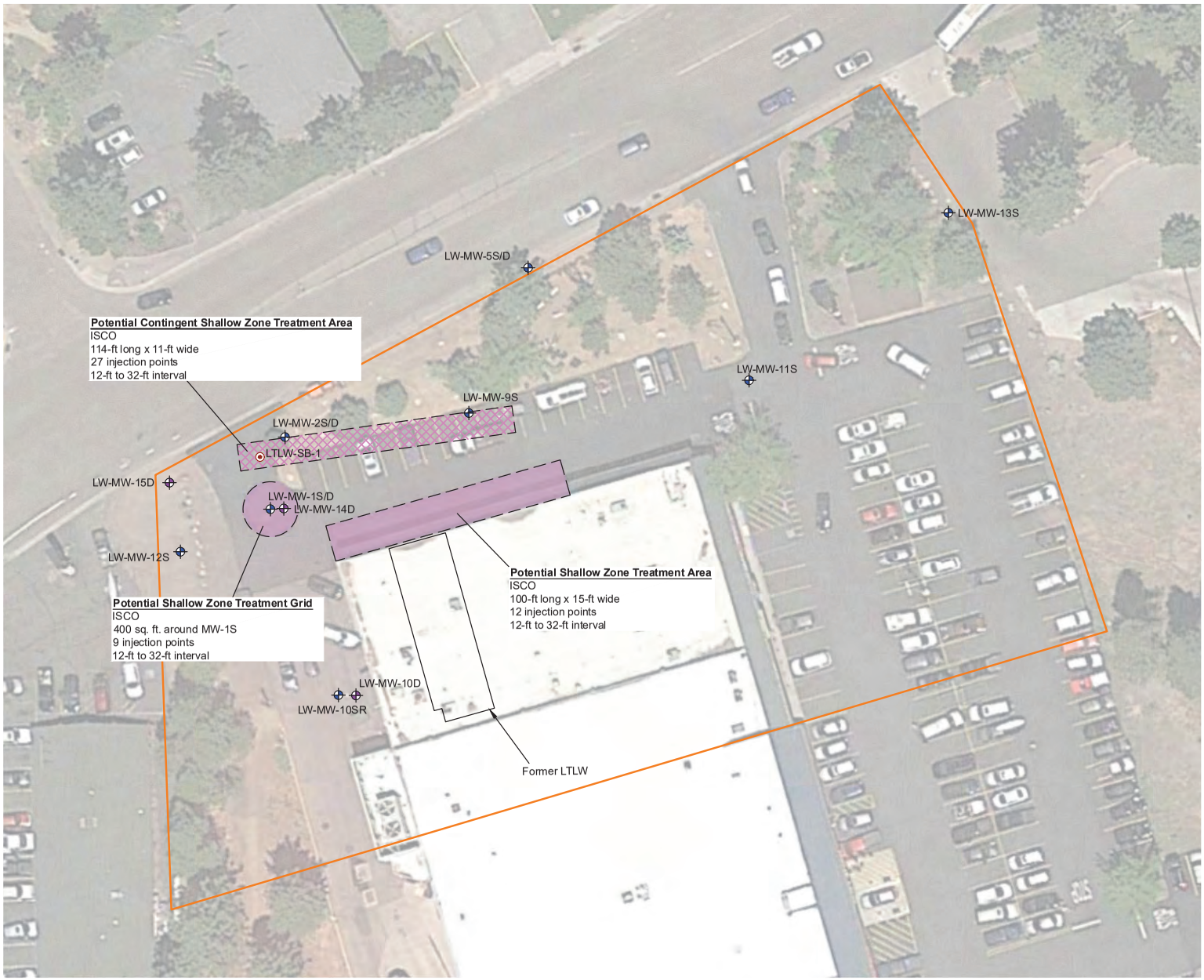
SUBJECT TO EVIDENCE CODE 1152

Figure 4-3	**PCE DEGRADATION PATHWAYS**	WEST Environmental Services & Technology
August 2025	1024 Lake Tahoe Boulevard, South Lake Tahoe, California	



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

ISCO: In Situ Chemical Oxidation

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SUBJECT TO EVIDENCE CODE 1152

N

0 40
SCALE IN FEET

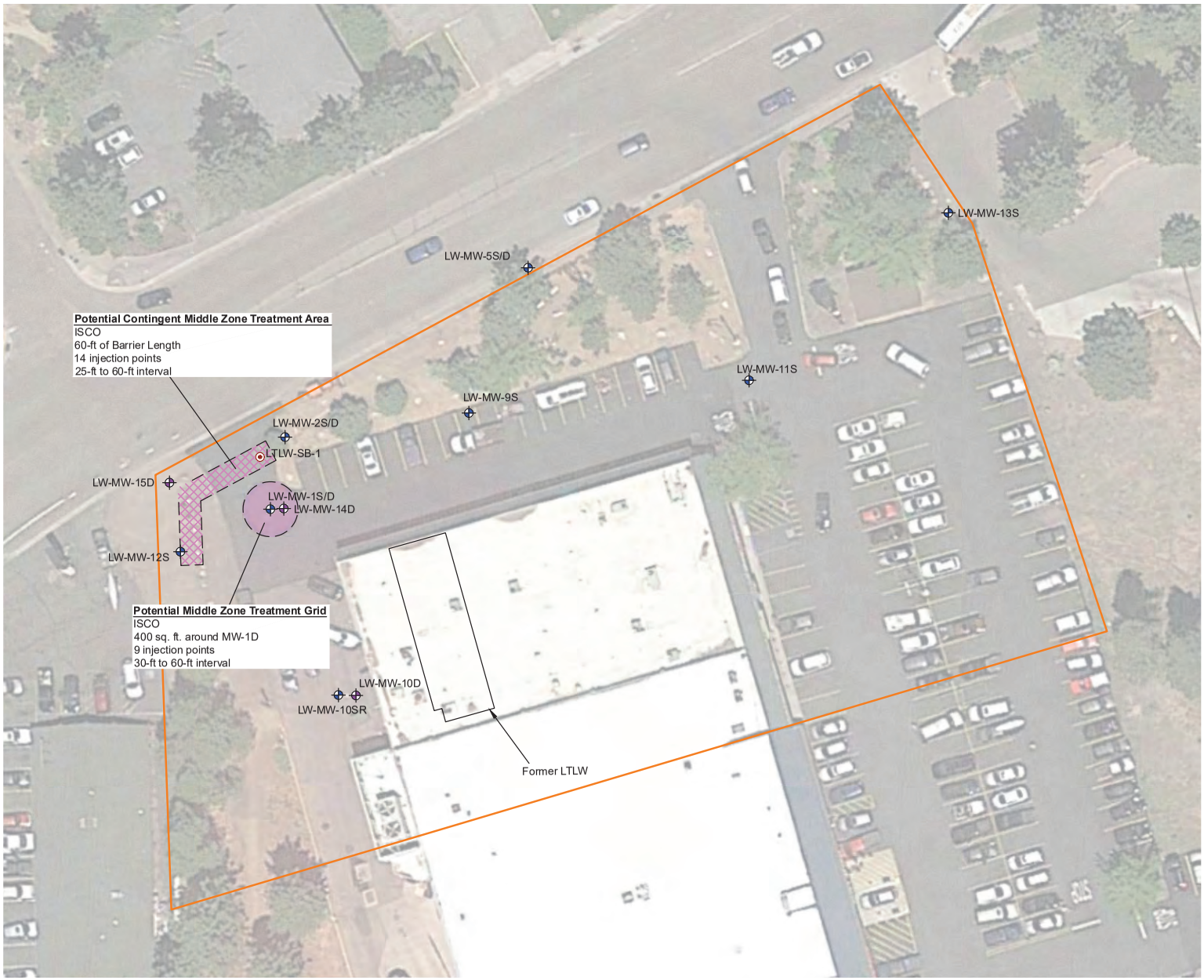
Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

ALTERNATIVE 2 - ISCO TREATMENT PROGRAM SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-4	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

ISCO: In Situ Chemical Oxidation

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

N

0 40
SCALE IN FEET

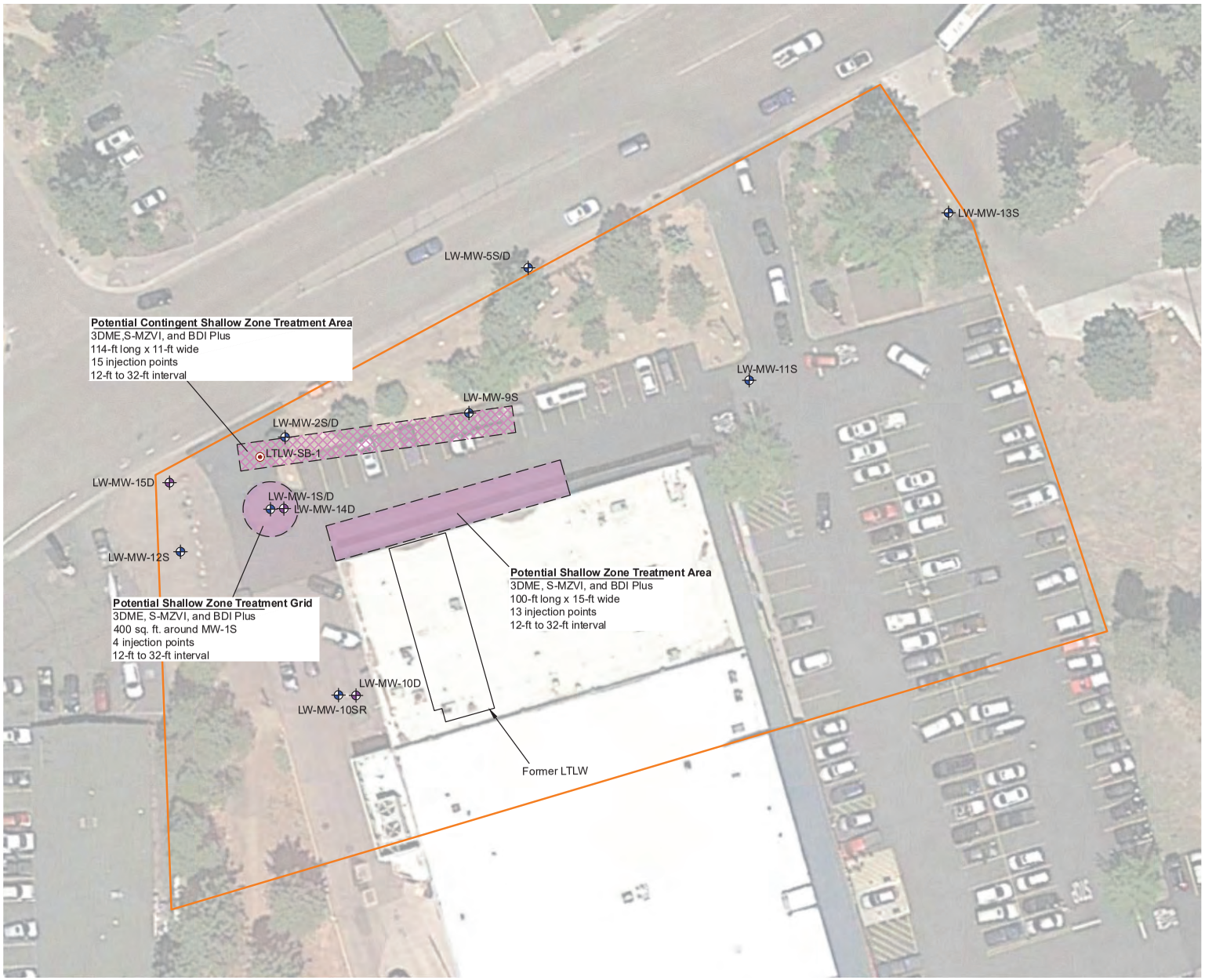
Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

ALTERNATIVE 2 - ISCO TREATMENT PROGRAM MIDDLE ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-5	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

ISSB: Enhanced In Situ Biodegradation

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

N

0 40
SCALE IN FEET

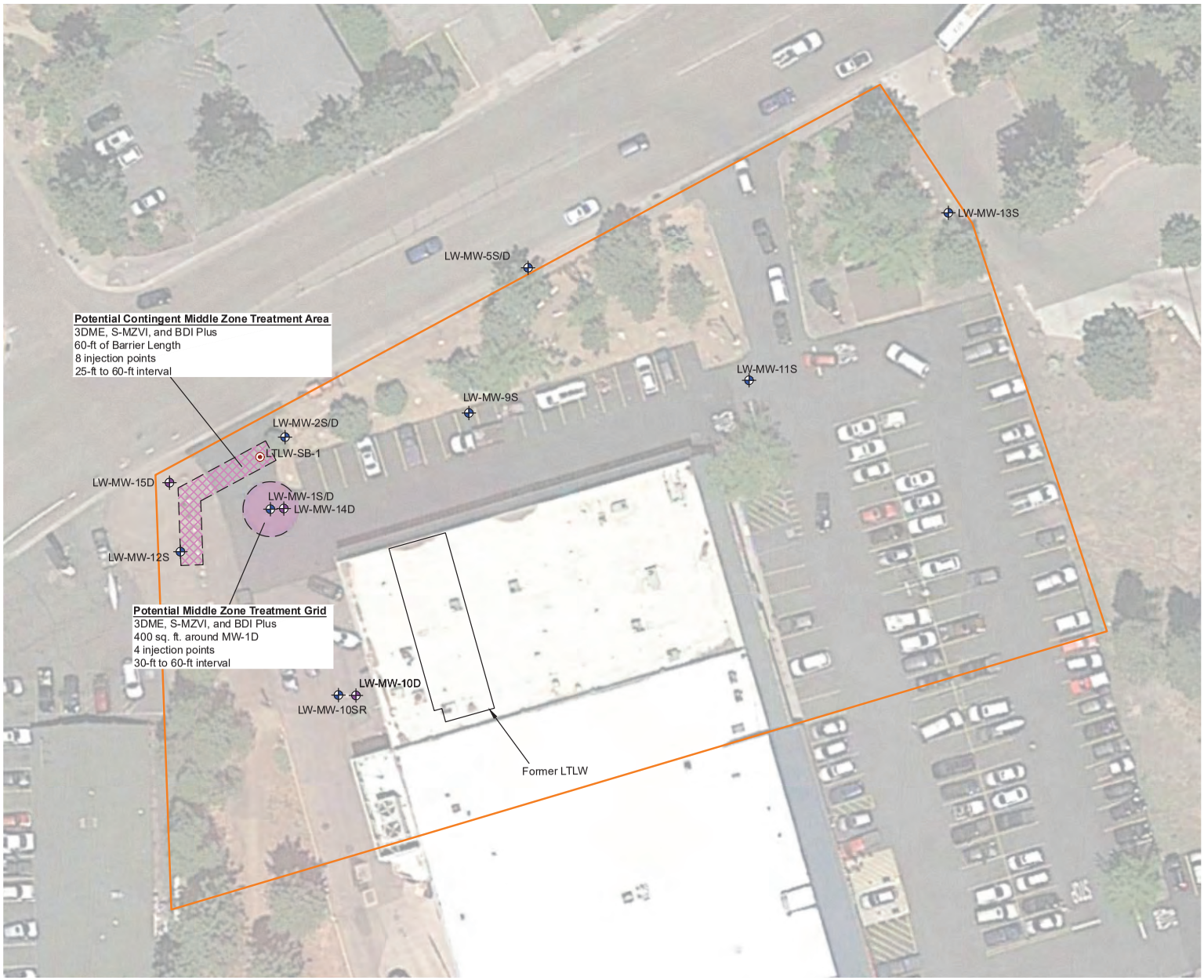
Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

ALTERNATIVE 3 - ANAEROBIC EISB AND ISCR TREATMENT PROGRAM - SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-6	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

ISSB: Enhanced In Situ Biodegradation

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

N

0 40
SCALE IN FEET

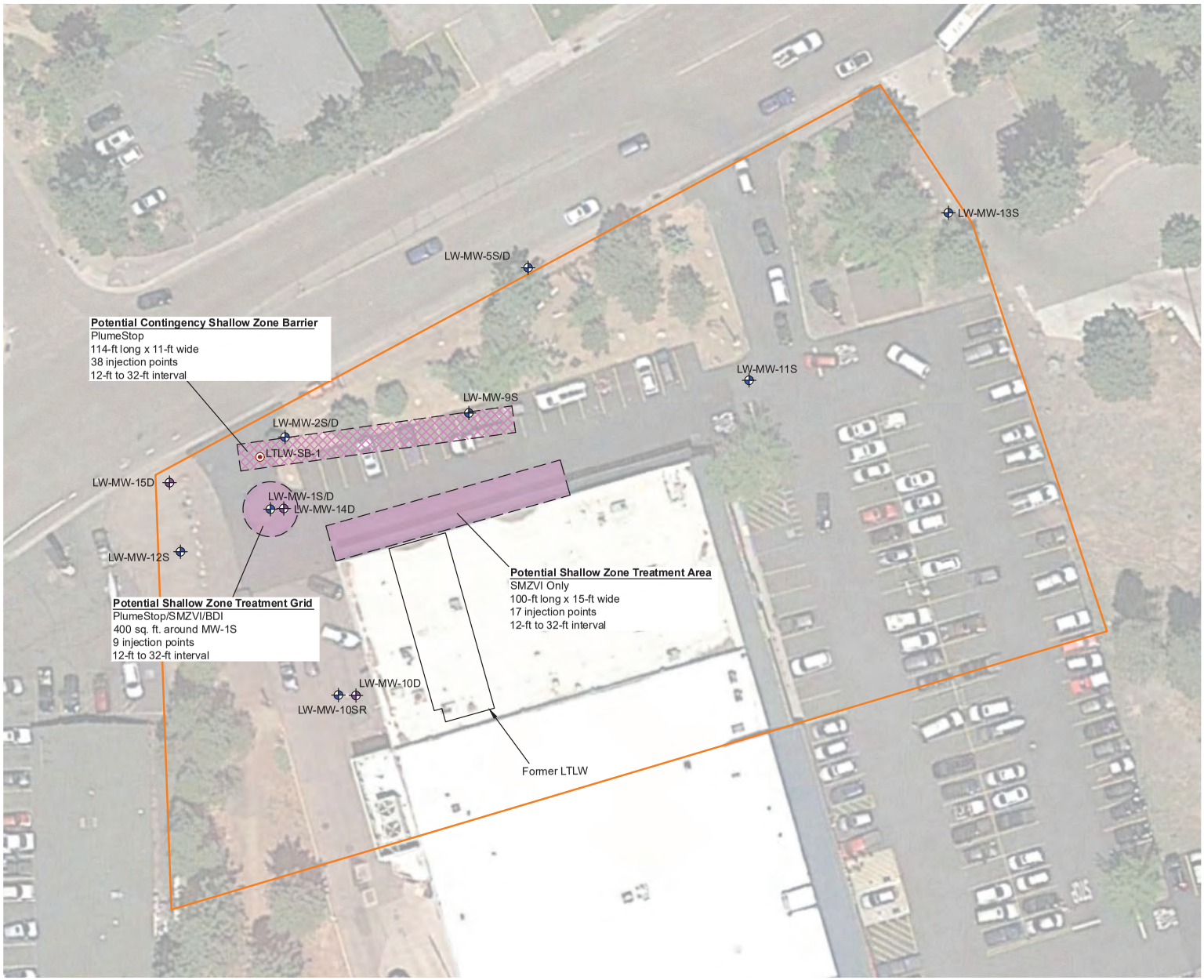
Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

ALTERNATIVE 3 - ANAEROBIC EISB AND ISCR TREATMENT PROGRAM - MIDDLE ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-7	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

ISCR = In Situ Chemical Reduction

VOC = Volatile Organice Compound

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

N

0 40

SCALE IN FEET

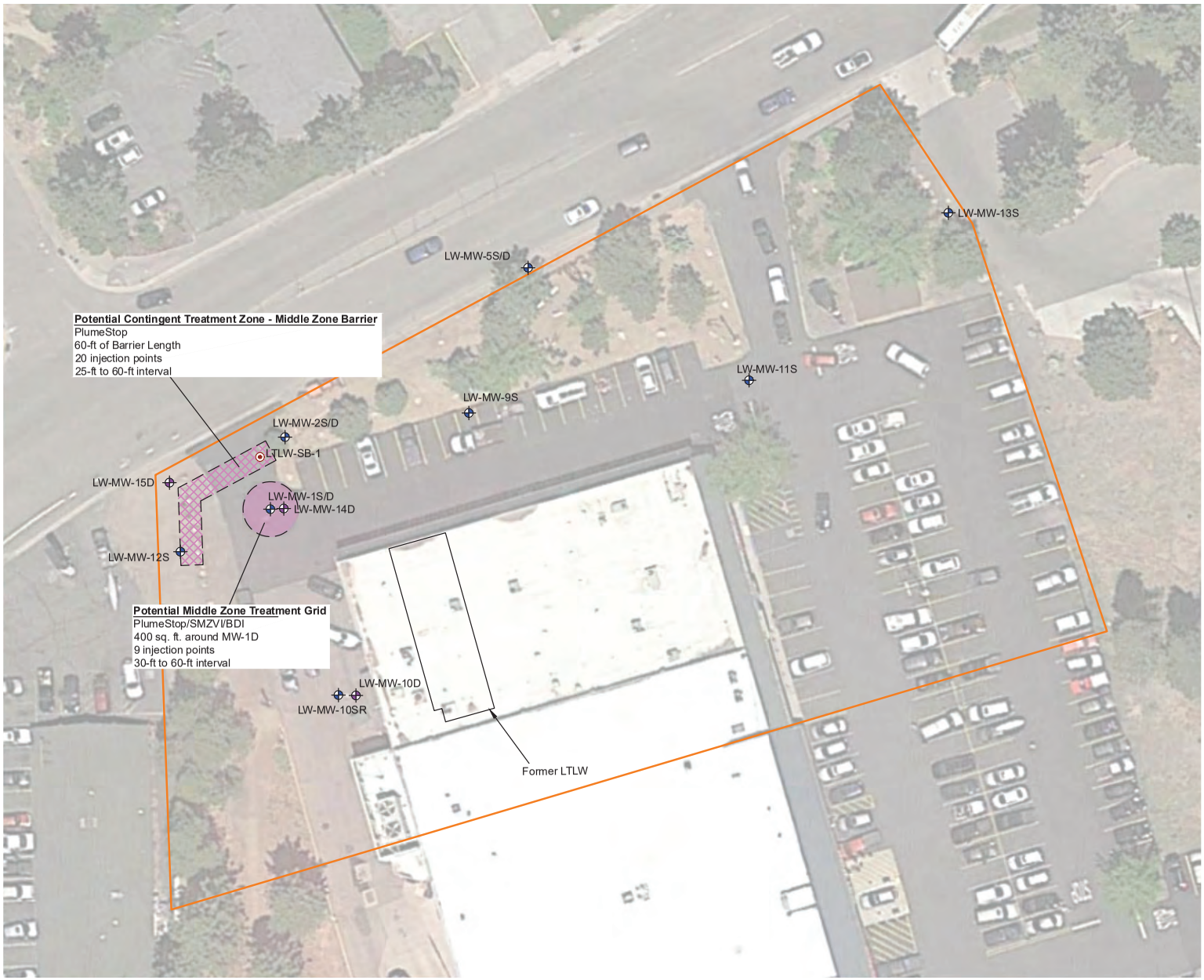
Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

ALTERNATIVE 4 - ISCR AND VOC SEQUESTRATION TREATMENT PROGRAM - SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-8	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- LTLW-SB-1 — Soil Boring Location (October 2017)
- LW-MW-15D — Potential Proposed Monitoring Well
- Potential Primary Treatment Area
- Potential Contingent Treatment Area

ISCR = In Situ Chemical Reduction

VOC = Volatile Organice Compound

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

N

0 40

SCALE IN FEET

Aerial Photo: June 07, 2018 (Google 2019)
Barrier Areas: Regenesis Treatment Area Maps (March 27, 2023)
All locations are approximate

WEST Environmental Services & Technology

ALTERNATIVE 4 - ISCR AND VOC SEQUESTRATION TREATMENT PROGRAM - MIDDLE ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 4-9	August 2025

APPENDIX A

PERTINENT DATA FROM PREVIOUS INVESTIGATIONS

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

SLIC
3043

November 17, 2003

349.004.02.005

California Regional Water Quality Board
Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

Attention: Ms. Lisa Dernbach

GROUNDWATER INVESTIGATION RESULTS
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Dear Ms. Dernbach:

This report presents the results of the groundwater investigation conducted in October 2003 adjacent to the Lake Tahoe Laundry Works (Site), located within the South Y Shopping Center at 1024 Lake Tahoe Boulevard, South Lake Tahoe, California (Plate 1). The investigation was performed by PES Environmental, Inc. (PES) on behalf of Seven Springs Limited Partnership (Seven Springs).

The purpose of the groundwater investigation was to assess whether tetrachloroethylene (PCE) is present in groundwater in the immediate Site vicinity. The investigation was performed in accordance with the scope of work described in PES' *Workplan for Groundwater Investigation, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California* dated August 13, 2003. This workplan was requested for the Site by Regional Water Quality Control Board - Lahontan Region (RWQCB) to locate sources of PCE detected in groundwater in the South Y area of South Lake Tahoe. In a letter dated August 21, 2003, the RWQCB approved PES' workplan for the groundwater investigation. The RWQCB letter is included as Appendix A of this report.

BACKGROUND INFORMATION

Site Background

The subject property is located at 1024 Lake Tahoe Boulevard within the South Y Shopping Center in South Lake Tahoe, El Dorado County, California (Plate 1). Land use in the area is mixed commercial and residential. Lake Tahoe Laundry Works is located approximately 9,000 feet south of Lake Tahoe and approximately 5,500 feet south of Tahoe Keys. A portion of the United States Geological Survey topographical map showing the area is presented as

TABLE

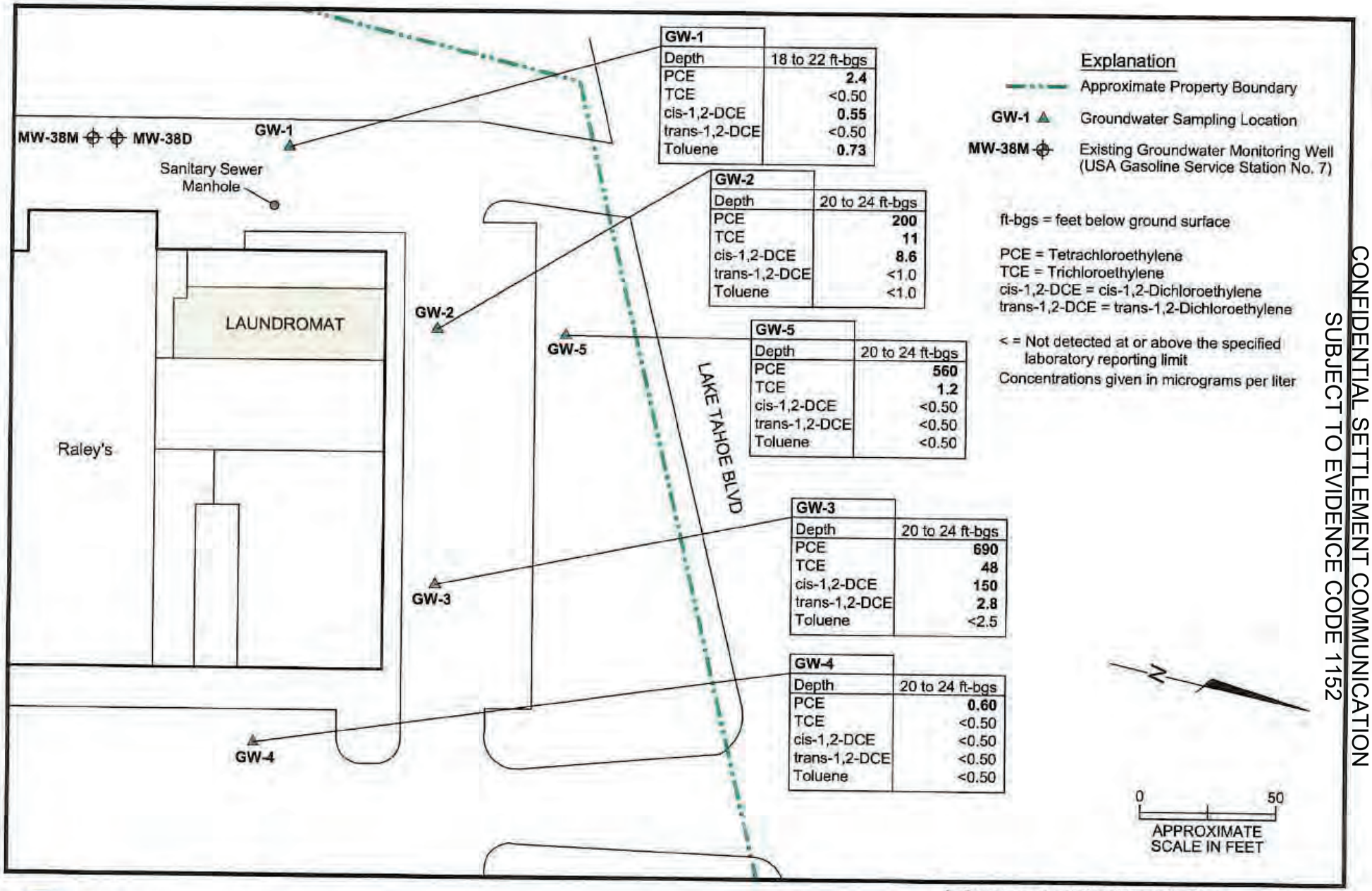
DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

Table 1
Summary of Grab Groundwater Data
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Toluene
GW-1	GW-1-22	22	**2.4**	<0.50	**0.55**	<0.50	**0.73**
GW-2	GW-2-24	24	**200**	**11**	**8.6**	<1.0	<1.0
	GW-2-44	44	**15**	**1.5**	**4.9**	<0.50	**0.60**
GW-3	GW-3-24	24	**690**	**48**	**150**	**2.8**	<2.5
	GW-3-44	44	**2.0**	<0.50	**0.77**	<0.50	<0.50
	GW-3-44-DUP	44	**2.2**	<0.50	**1.0**	<0.50	<0.50
GW-4	GW-4-24	24	**0.60**	<0.50	<0.50	<0.50	<0.50
	GW-4-44	44	**0.56**	<0.50	<0.50	<0.50	<0.50
GW-5	GW-5-24	24	**560**	**1.2**	<0.50	<0.50	<0.50
	GW-5-47	47	**52**	**0.84**	<0.50	<0.50	<0.50

Notes:
Samples collected on October 6, 2003
All results in micrograms per liter (µg/L)
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
TCE: Trichloroethylene
cis-1,2-DCE: cis-1,2-Dichloroethylene
trans-1,2-DCE: trans-1,2-Dichloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
ft-bgs: feet below ground surface
Only detected VOCs are tabulated, all other VOCs are below respective laboratory reporting limits.

PLATES



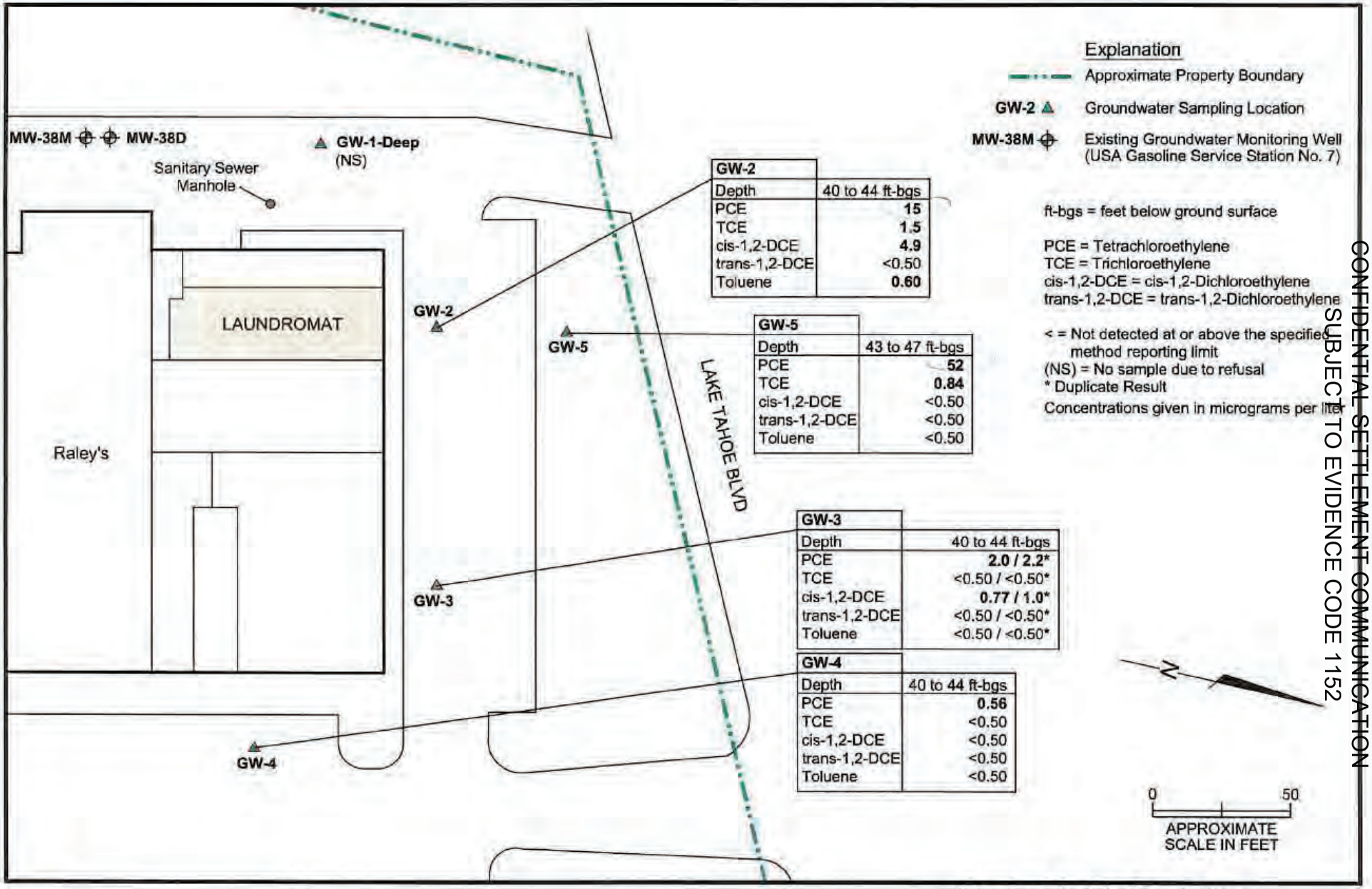
DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Laboratory Analytical Results from First-Encountered Groundwater
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 3

349.004.02.005	349004_smpl	*FAB*	11/03
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



DRAFT

CONFIDENTIAL SETTLEMENT COMMUNICATION SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Laboratory Analytical Results from Middle Groundwater-Bearing Zone
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 4

349.004.02.005	349004_smpl	FAB	11/03
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

DRAFT SLIC
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152 18045

October 13, 2004

349.004.02.008

California Regional Water Quality Board
Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

Attention: Ms. Lisa Dernbach

SUPPLEMENTAL SITE INVESTIGATION RESULTS
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Dear Ms. Dernbach:

This report presents the results of the supplemental site investigation conducted in September 2004 at and adjacent to Lake Tahoe Laundry Works (Site), located within the South Y Shopping Center at 1024 Lake Tahoe Boulevard, South Lake Tahoe, California (Plates 1 and 2). The investigation was performed by PES Environmental, Inc. (PES) on behalf of Commerce Bank, N.A. as a trustee of the Jack R. Lyddon Trust Two, as managing member of Real Estate Management Associates, LLC, as general partner of Seven Springs Limited Partnership, the entity that holds title to the South Y Center.

The investigation was performed in accordance with PES' *Workplan for Soil Supplemental Site Investigation, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California* dated July 1, 2004 and correspondence from Regional Water Quality Control Board – Lahontan Region (RWQCB) dated July 26, 2004. The RWQCB requested the workplan in a letter dated May 17, 2004. The RWQCB approved PES' workplan for the supplemental investigation in the letter dated July 26, 2004 (letter included as Appendix A of this report).

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

Table 1
Summary of Soil Sample Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	Sample Date	PCE	TCE	cis-1,2-DCE
SB-1	SB-1-1	1	9/15/04	**0.095**	**0.0072**	**0.024**
	SB-1-4	4	9/15/04	<0.0050	<0.0050	<0.0050
	SB-1-8	8	9/15/04	<0.0050	<0.0050	<0.0050
SB-2	SB-2-1.5	1.5	9/15/04	<0.0050	<0.0050	**0.013**
	SB-2-4	4	9/15/04	<0.0050	<0.0050	<0.0050
	SB-2-8	8	9/15/04	<0.0050	<0.0050	<0.0050
SB-3	SB-3-2.5	2.5	9/15/04	<0.0050	<0.0050	<0.0050
	SB-3-5	5	9/15/04	<0.0050	<0.0050	<0.0050
	SB-3-8	8	9/15/04	<0.0050	<0.0050	<0.0050
SB-4	SB-4-6	6	9/14/04	<0.0050	<0.0050	<0.0050
	SB-4-8	8	9/14/04	<0.0050	<0.0050	<0.0050
SB-5	SB-5-5	5	9/14/04	**0.81**	**0.084**	**0.048**
	SB-5-8	8	9/14/04	**0.044**	**0.011**	**0.014**
SB-6	SB-6-1	1	9/14/04	**0.10**	**0.026**	**0.046**
	SB-6-8	8	9/14/04	**0.11**	**0.027**	**0.076**

Notes:
All results in milligrams per kilogram (mg/kg)
ft-bgs: feet below ground surface
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
TCE: Trichloroethylene
cis-1,2-DCE: cis-1,2-Dichloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
Only detected VOCs are tabulated, all other VOCs are below respective laboratory reporting limits.

Table 2
Summary of Grab Groundwater Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Other
SB-1	GW-SB-1-27	27	9/15/04	**6.7**	<0.50	<0.50	<0.50	**n-PB 0.68; 1,2,4-TMB 1.3**
SB-3	GW-SB-3-27	27	9/15/04	**8.3**	<0.50	<0.50	<0.50	**n-PB 0.65; 1,3,5-TMB 0.88; 1,2,4-TMB 1.9**
SB-4	GW-SB-4-26	26	9/14/04	**1.4**	<0.50	<0.50	<0.50	**n-PB 0.67; 1,2,4-TMB 1.1**
	GW-SB-4-26DUP	26	9/14/04	**1.3**	<0.50	<0.50	<0.50	**n-PB 0.69; 1,2,4-TMB 1.1**
SB-5	GW-SB-5-26	26	9/14/04	**1.5**	**1.1**	**1.6**	<0.50	**n-PB 1.4; 1,2,4-TMB 2.9**
GW-6	GW-6-20	20	9/15/04	<0.50	<0.50	<0.50	<0.50	
	GW-6-44	44	9/15/04	**710**	**9.3**	**11**	<2.5	
GW-7	GW-7-18	18	9/15/04	**21**	**1.0**	**1.8**	<0.50	1,2,4-TMB 0.67
	GW-7-44	44	9/15/04	**230**	**4.8**	**14**	<1.0	
GW-8	GW-8-26	26	9/14/04	**240**	**32**	**74**	**1.3**	1,2,4-TMB 1.3
	GW-8-51	51	9/14/04	**2.5**	<0.50	<0.50	<0.50	**n-PB 0.86, 1,3,5-TMB 0.89, 1,2,4-TMB 2.2**
Blanks	Equipment Blank	NA	9/14/04	<0.50	<0.50	<0.50	<0.50	
	Trip Blank	NA	9/15/04	<0.50	<0.50	<0.50	<0.50	

Notes:
All results in micrograms per liter (µg/L)
ft-bgs: feet below ground surface
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
TCE: Trichloroethylene
cis-1,2-DCE: cis-1,2-Dichloroethylene
trans-1,2-DCE: trans-1,2-Dichloroethylene
n-PB: n-Propylbenzene
1,3,5-TMB: 1,3,5-Trimethylbenzene
1,2,4-TMB: 1,2,4-Trimethylbenzene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B
Only detected VOCs are tabulated, all other VOCs are below respective laboratory reporting limits.
NA: Not Applicable

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SUBJECT TO EVIDENCE CODE 1152

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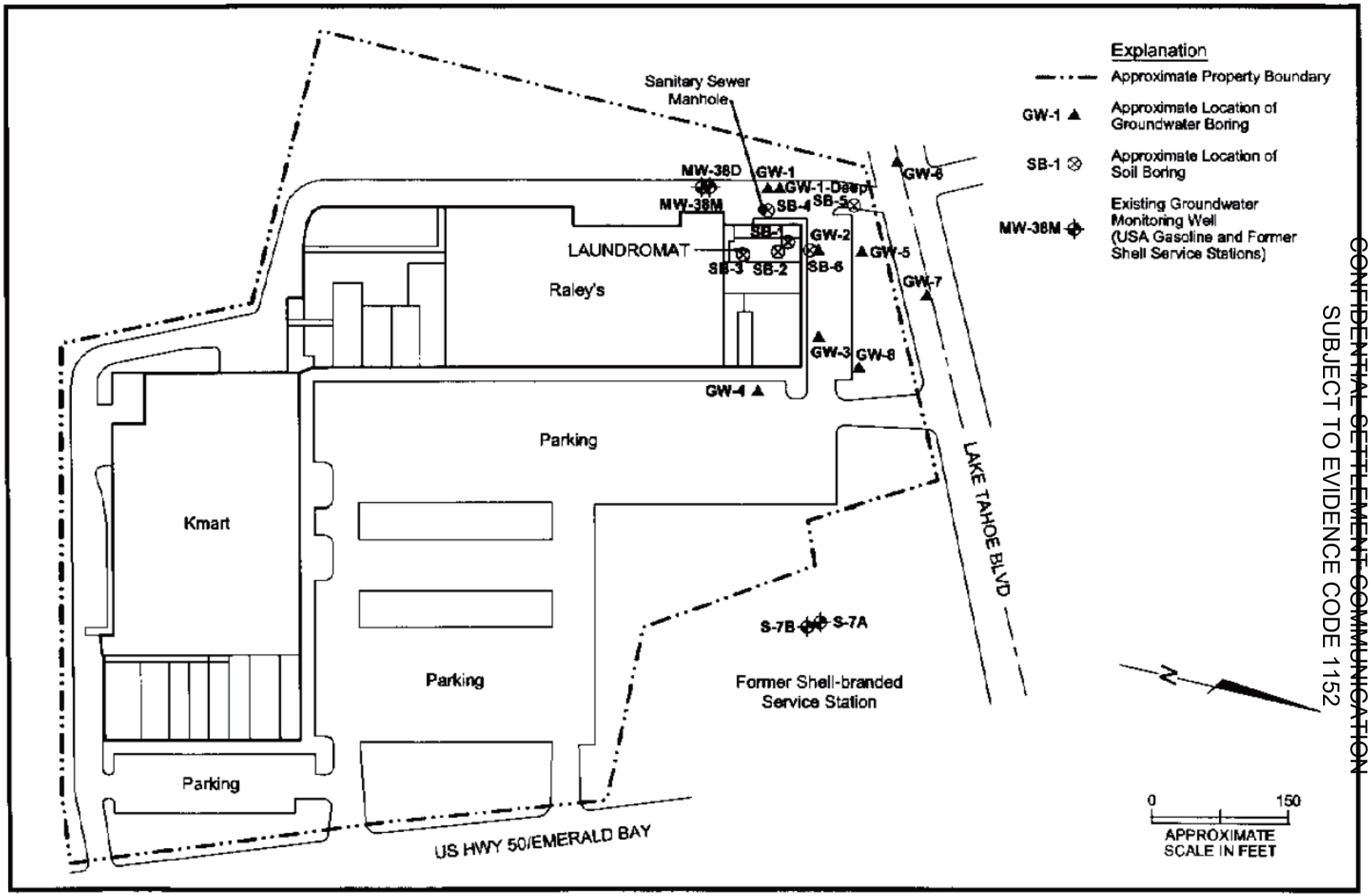
Table 3
Summary of Monitoring Well Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Well ID	Sample ID	Water-Bearing Zone	Screened Internal (ft-bgs)	Sample Date	PCE
S-7A	S-7A	Shallow	15-20	9/11/04	<0.50
S-7B	S-7B	Middle	40-45	9/11/04	8.3
MW-38M	MW-38M	Middle	NR	9/14/04	<0.50

Notes:
All results in micrograms per liter (µg/L)
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
ft-bgs: feet below ground surface
Only detected VOCs are tabulated, all other VOCs are below respective laboratory reporting limits.
NR - Screened internal not reported.

PLATES



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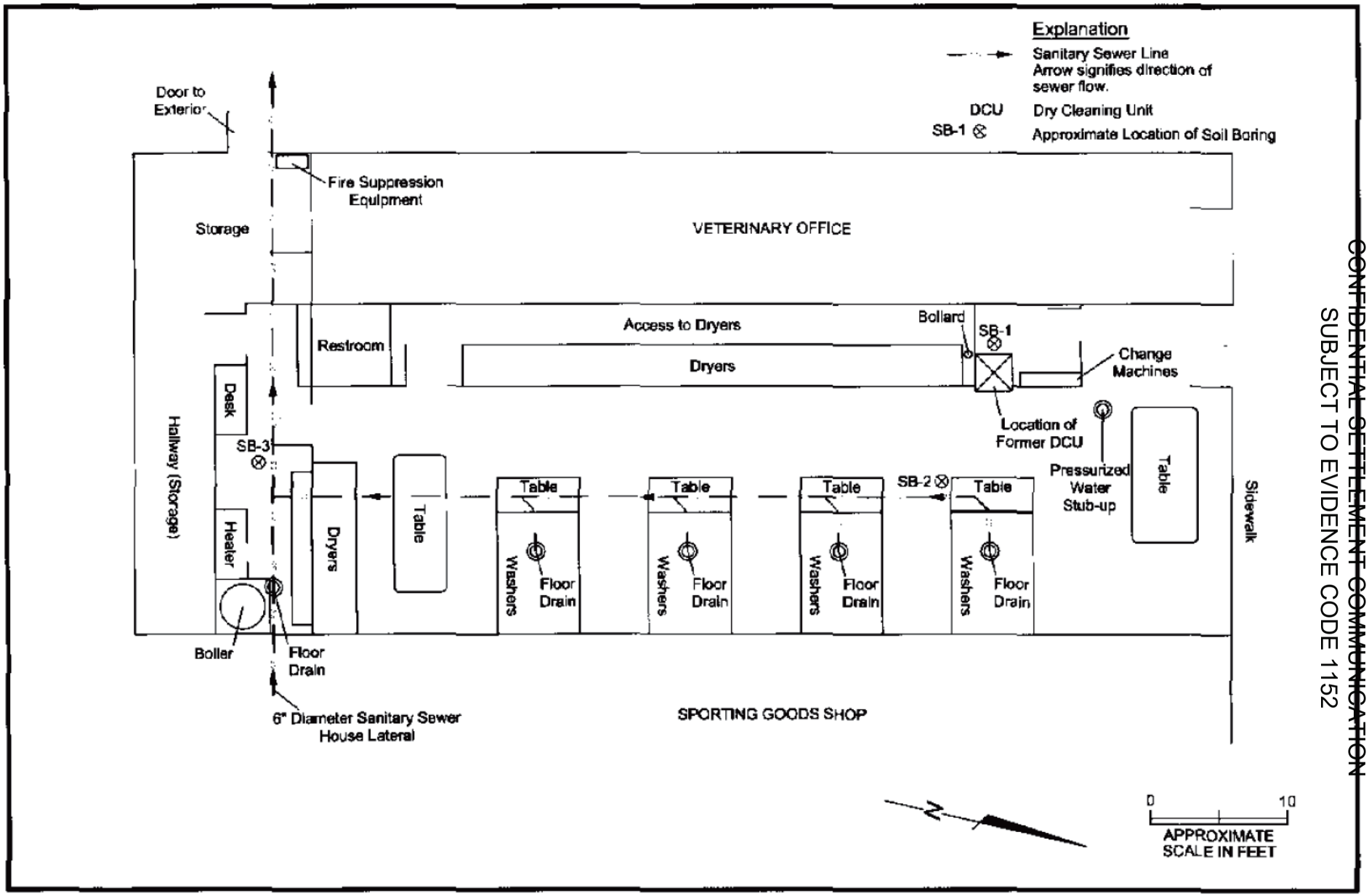
SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Shopping Center Plan and Sampling Locations
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 2

349.004.02.008	34900402008_P2-0904	FAB	10/04
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



PES Environmental, Inc.
Engineering & Environmental Services

Interior Boring Locations
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
3

349.004.02.008	34800402008_P2_0904	FAB	10/04
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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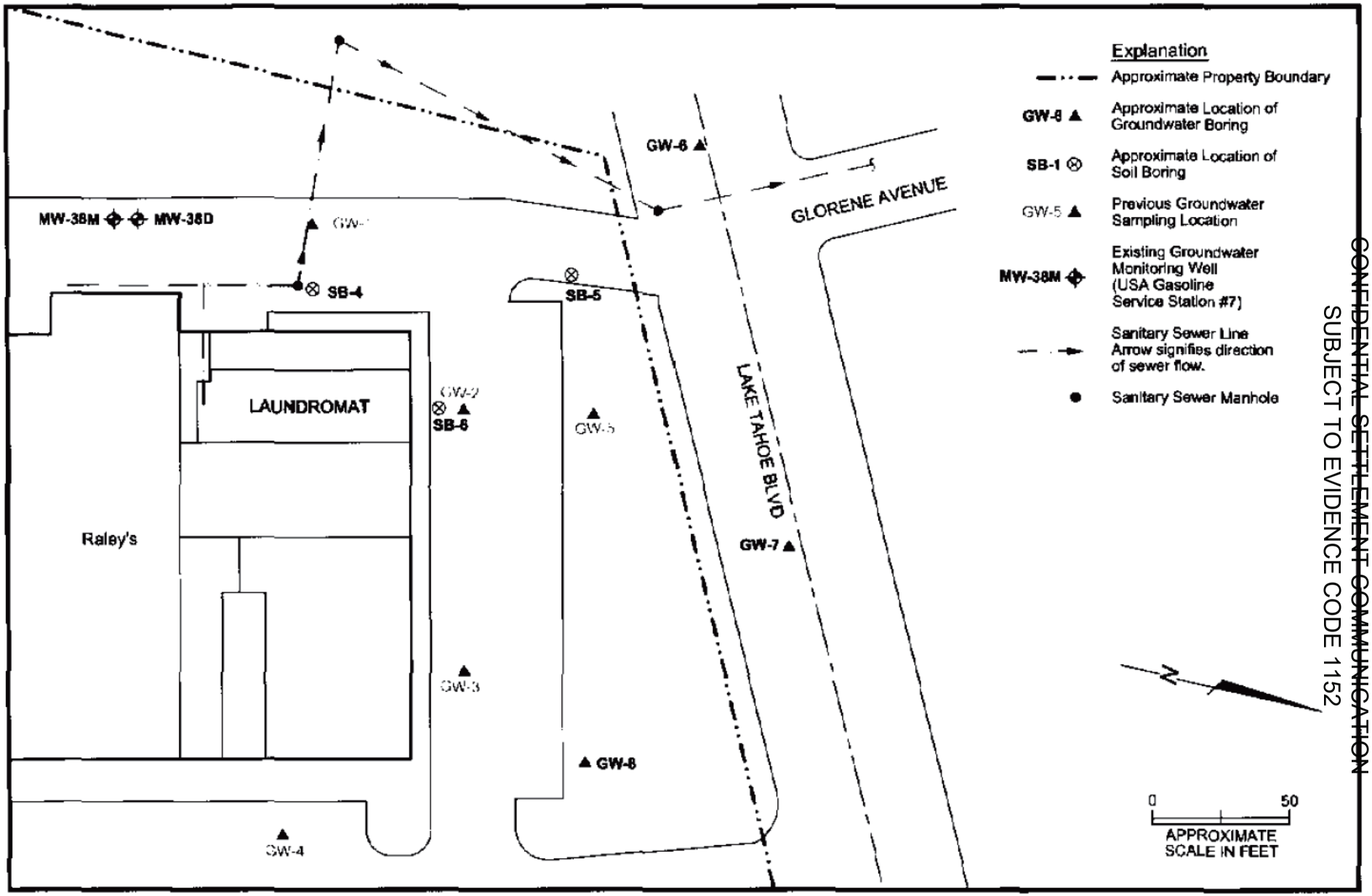
SUBJECT TO EVIDENCE CODE 1152



PES Environmental, Inc.
Engineering & Environmental Services

Exterior Boring Locations
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
4

349.004.02.008	34900402008_P2_0904	FAB	10/04
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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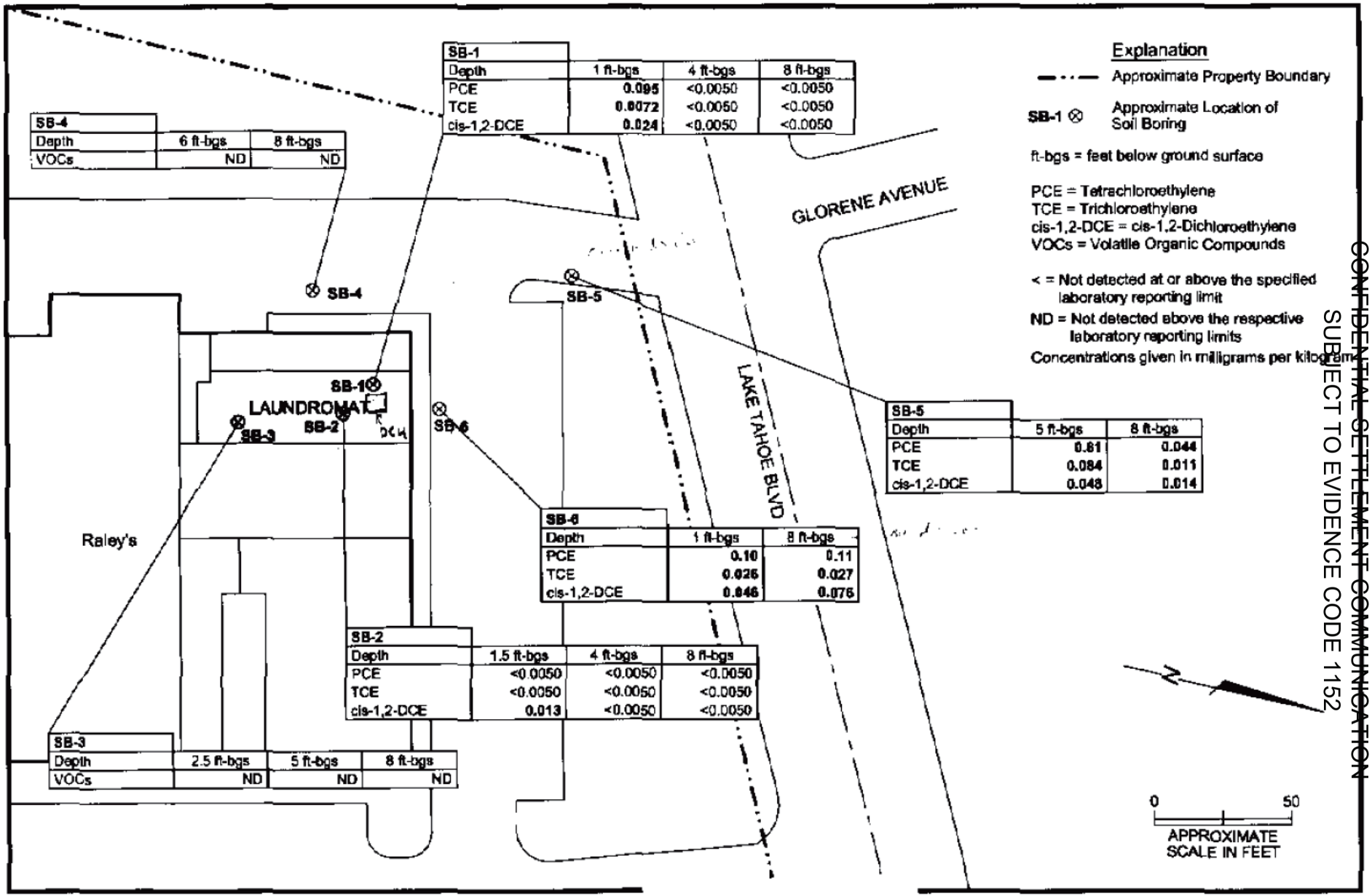
SUBJECT TO EVIDENCE CODE 1152



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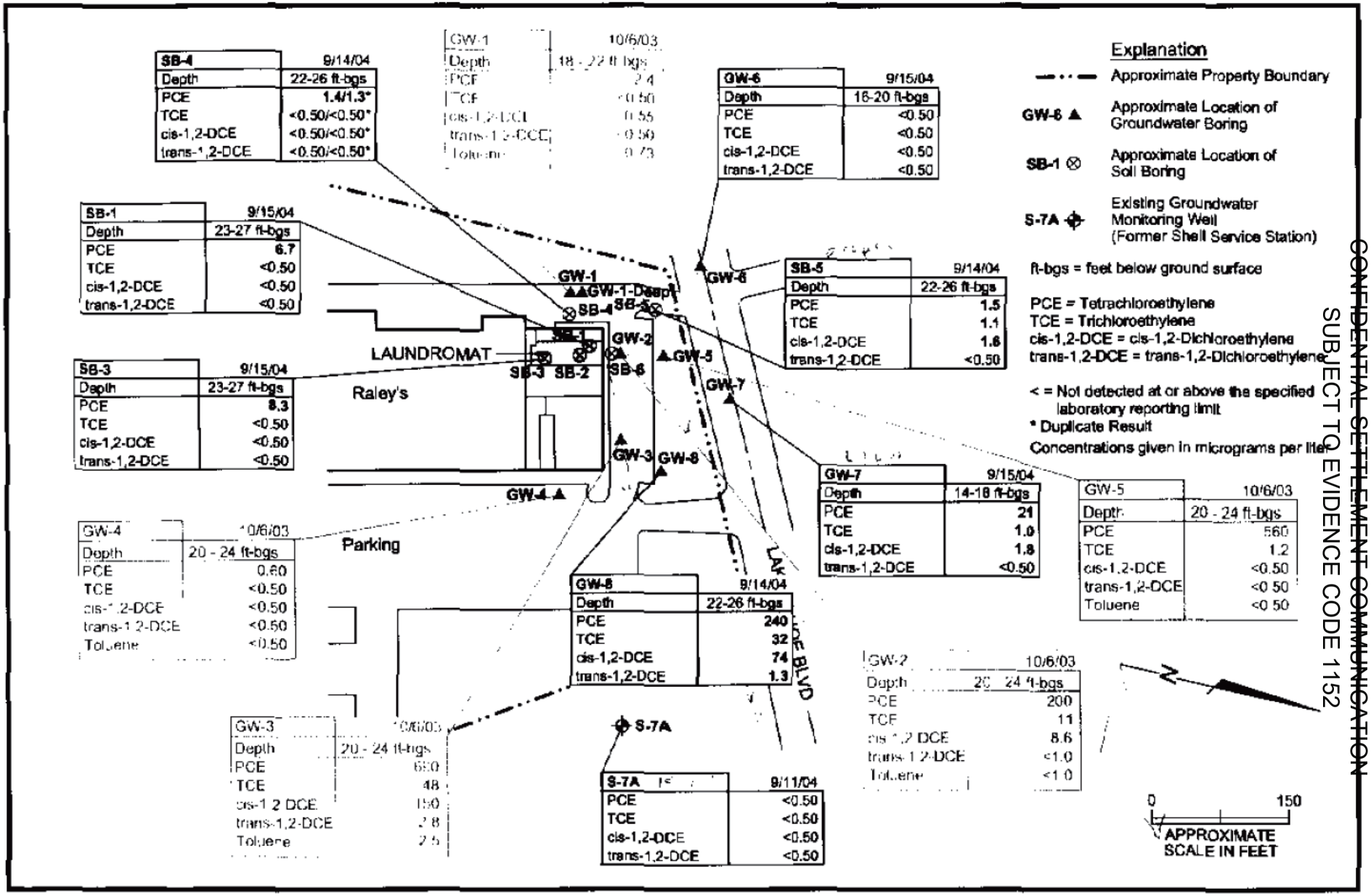
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Soil Analytical Results
- September 14 and 15, 2004
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
5

349.004.02.008	34900402008_P2-0904	FAB	10/04
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



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CONFIDENTIAL SETTLEMENT COMMUNICATION

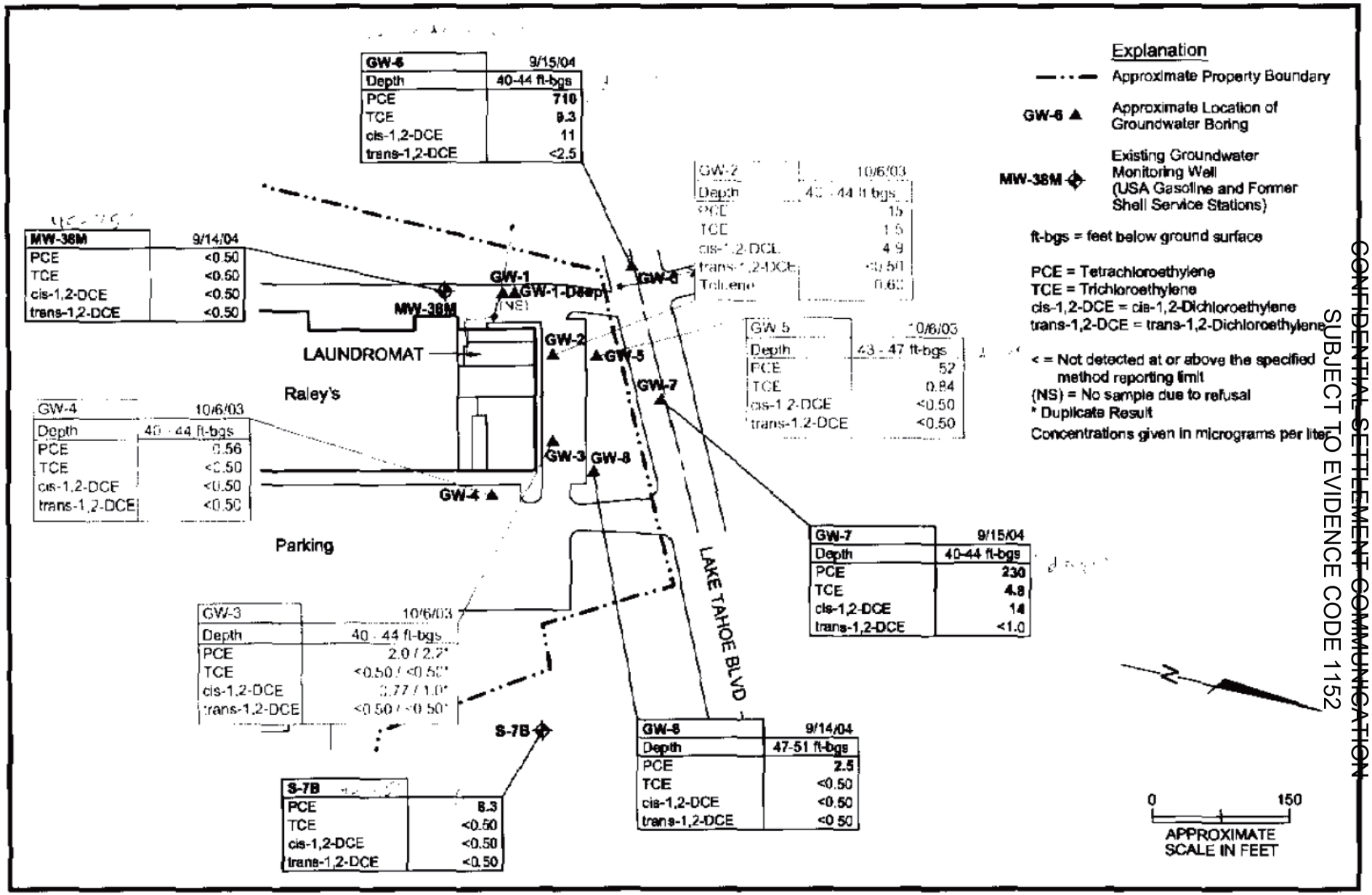
SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Laboratory Analytical Results from First-Encountered Groundwater
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
6

349.004.02.008	34800402008_P2-0904	FAB	10/04
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



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SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Laboratory Analytical Results from Middle Groundwater-Bearing Zone
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 7

349.004.02.008	34900402008_P2-0904	FAB	10/04
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

May 27, 2005

1021.001.01.003

California Regional Water Quality Board
Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

Attention: Ms. Lisa Dernbach

ADDITIONAL SITE INVESTIGATION RESULTS
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Dear Ms. Dernbach:

This report presents the results of an additional soil and groundwater investigation conducted in April 2005 at Lake Tahoe Laundry Works (Site), located within the South Y Shopping Center at 1024 Lake Tahoe Boulevard, South Lake Tahoe, California (Plates 1 and 2). The investigation was performed by PES Environmental, Inc. (PES), on behalf of Commerce Bank, N.A. as a trustee of the Jack R. Lyddon Trust Two, as managing member of Real Estate Management Associates, LLC, as general partner of Seven Springs Limited Partnership, the entity that holds title to the South Y Center.

The investigation was performed in accordance with: (1) PES' *Workplan for Additional Site Investigation, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California* dated December 29, 2004 (Workplan); (2) written correspondence from Regional Water Quality Control Board – Lahontan Region (RWQCB) dated March 7, 2005; and (3) verbal correspondence with Ms. Lisa Dernbach of the RWQCB. The RWQCB requested the workplan in a letter dated November 22, 2004. The RWQCB approved PES' Workplan in a letter dated March 7, 2005 (included as Appendix A of this report).

BACKGROUND INFORMATION

Site Background

The Site is located at 1024 Lake Tahoe Boulevard within the South Y Shopping Center in South Lake Tahoe, El Dorado County, California (Plates 1 and 2). Land use in the area is mixed commercial and residential. The Lake Tahoe Laundry Works (LTLW) is located approximately 9,000 feet south of Lake Tahoe and approximately 5,500 feet south of Tahoe Keys. A portion of the United States Geological Survey topographical map showing the area is

TABLES

Table 1
Summary of Soil Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	Sample Date	PCE	TCE	cis-1,2-DCE	Other VOCs
SB5b	SB5b-1.5	1.5	4/26/05	<0.0050	<0.0050	<0.0050	
SB6b	SB6b-4	4	4/26/05	**1.8**	**0.39**	**0.32**	**trans-1,2-DCE: 0.0072**
	SB6b-12	12	4/26/05	**0.024**	**0.011**	**0.040**	
SB7	SB7-2	2	4/25/05	<0.0050	<0.0050	<0.0050	
	SB7-4	4	4/25/05	**0.46**	**0.032**	**0.0074**	
	SB7-8	8	4/25/05	**0.55**	<0.10	<0.10	
	SB7-12	12	4/25/05	**0.22**	**0.13**	**0.11**	
SB8	SB8-2	2	4/25/05	**0.82**	**0.12**	**0.42**	**trans-1,2-DCE: 0.0063**
	SB8-4	4	4/25/05	**12.0**	<0.50	<0.50	
	SB8-8	8	4/25/05	**6.3**	<0.50	<0.50	
SB9	SB9-1.5	1.5	4/26/05	<0.0050	<0.0050	<0.0050	
	SB9-4	4	4/26/05	**0.040**	**0.014**	**0.016**	
	SB9-8	8	4/26/05	**0.041**	**0.024**	**0.038**	**Vinyl Chloride: 0.0072**
SB10	SB10-2.5	2.5	4/26/05	<0.0050	<0.0050	<0.0050	
	SB10-4	4	4/26/05	**0.038**	**0.0082**	<0.0050	
	SB10-8	8	4/26/05	**0.0087**	**0.0069**	**0.0078**	
SB11	SB11-2	2	4/25/05	**0.0085**	**0.0063**	**0.056**	
	SB11-4	4	4/25/05	**0.27**	<0.125	**0.41**	
	SB11-8	8	4/25/05	<0.0050	<0.0050	<0.0050	
	SB11-12	12	4/25/05	**0.039**	**0.011**	**0.035**	
SB12	SB12-1	1	4/25/05	**0.14**	**0.037**	**0.047**	
	SB12-4	4	4/25/05	**1.8**	**0.27**	**0.22**	
	SB12-8	8	4/25/05	**1.2**	**0.13**	**0.14**	
	SB12-12	12	4/25/05	**0.25**	**0.12**	**0.12**	
SB13	SB13-1	1	4/25/05	**0.010**	<0.0050	<0.0050	
	SB13-4	4	4/25/05	**6.1**	**0.87**	**0.48**	
	SB13-8	8	4/25/05	**0.44**	**0.11**	**0.18**	
	SB13-12	12	4/25/05	**0.092**	**0.036**	**0.1**	

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SUBJECT TO EVIDENCE CODE 1152

Table 1
Summary of Soil Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	Sample Date	PCE	TCE	cis-1,2-DCE	Other VOCs
SB14	SB14-1.5	1.5	4/25/05	<0.0050	<0.0050	<0.0050	
	SB14-4	4	4/25/05	**1.2**	**0.14**	<0.10	
	SB14-8	8	4/25/05	**0.024**	<0.0050	<0.0050	
	SB14-12	12	4/25/05	**0.012**	**0.0059**	**0.015**	
SB15	SB15-2	2	4/25/05	**0.17**	**0.0071**	<0.0050	
	SB15-4	4	4/25/05	<0.0050	<0.0050	<0.0050	
	SB15-8	8	4/25/05	<0.0050	<0.0050	<0.0050	
SB16	SB16-2.5	2.5	4/26/05	**0.84**	**0.077**	**0.054**	
	SB16-4	4	4/26/05	**0.76**	**0.081**	**0.073**	
	SB16-8	8	4/26/05	**0.022**	**0.012**	<0.0050	
	SB16-12	12	4/26/05	**0.12**	**0.029**	**0.020**	
SB17	SB17-2	2	4/26/05	<0.0050	<0.0050	<0.0050	
	SB17-4	4	4/26/05	<0.0050	<0.0050	**0.010**	**Vinyl Chloride: 0.020**
	SB17-8	8	4/26/05	**0.13**	**0.028**	**0.020**	
	SB17-12	12	4/26/05	**0.097**	**0.025**	**0.024**	
SB18	SB18-1.5	1.5	4/26/05	**0.035**	**0.0083**	**0.022**	
	SB18-4	4	4/26/05	**0.12**	**0.019**	**0.014**	
	SB18-8	8	4/26/05	**0.058**	**0.13**	**0.13**	
	SB18-12	12	4/26/05	**0.20**	**0.10**	**0.14**	

Notes:
All results in milligrams per kilogram (mg/kg)
ft-bgs: feet below ground surface
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
TCE: Trichloroethylene
cis-1,2-DCE: cis-1,2-Dichloroethylene
VOCs: volatile organic compounds
trans-1,2-DCE: trans-1,2-Dichloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
Only detected VOCs are tabulated. Other VOCs are below respective laboratory reporting limits.

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SUBJECT TO EVIDENCE CODE 1152

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Table 2
Summary of Grab Groundwater Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	Sample Date	PCE	TCE	cis-1,2-DCE
GW9	GW9-20	20	4/26/05	**1,000**	**42**	**40**
	GW9-44	44	4/26/05	**1,200**	**22**	**36**
GW10	GW10-20	20	4/26/05	**20**	**1.6**	**2.1**

Notes:

All results in micrograms per liter (µg/L)
ft-bgs: feet below ground surface
PCE: Tetrachloroethylene
TCE: Trichloroethylene
cis-1,2-DCE: cis-1,2-Dichloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
Only detected volatile organic compounds (VOCs) are tabulated. Other VOCs are below respective laboratory reporting limits.

Table 3
Summary of Groundwater Analytical Results
Shell Monitoring Wells at 1020 Emerald Bay Road
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Well ID	Sample ID	Water-Bearing Zone	Screened Interval (ft-bgs)	Sample Date	PCE
S-2	S-2	shallow	10 - 30	4/21/05	<0.50
S-5-41	S-5-41	middle	36 - 41	4/21/05	**0.96**

Notes:

All results in micrograms per liter (µg/L)
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
ft-bgs: feet below ground surface
Only detected volatile organic compounds (VOCs) are tabulated. Other VOCs are below respective laboratory reporting limits.

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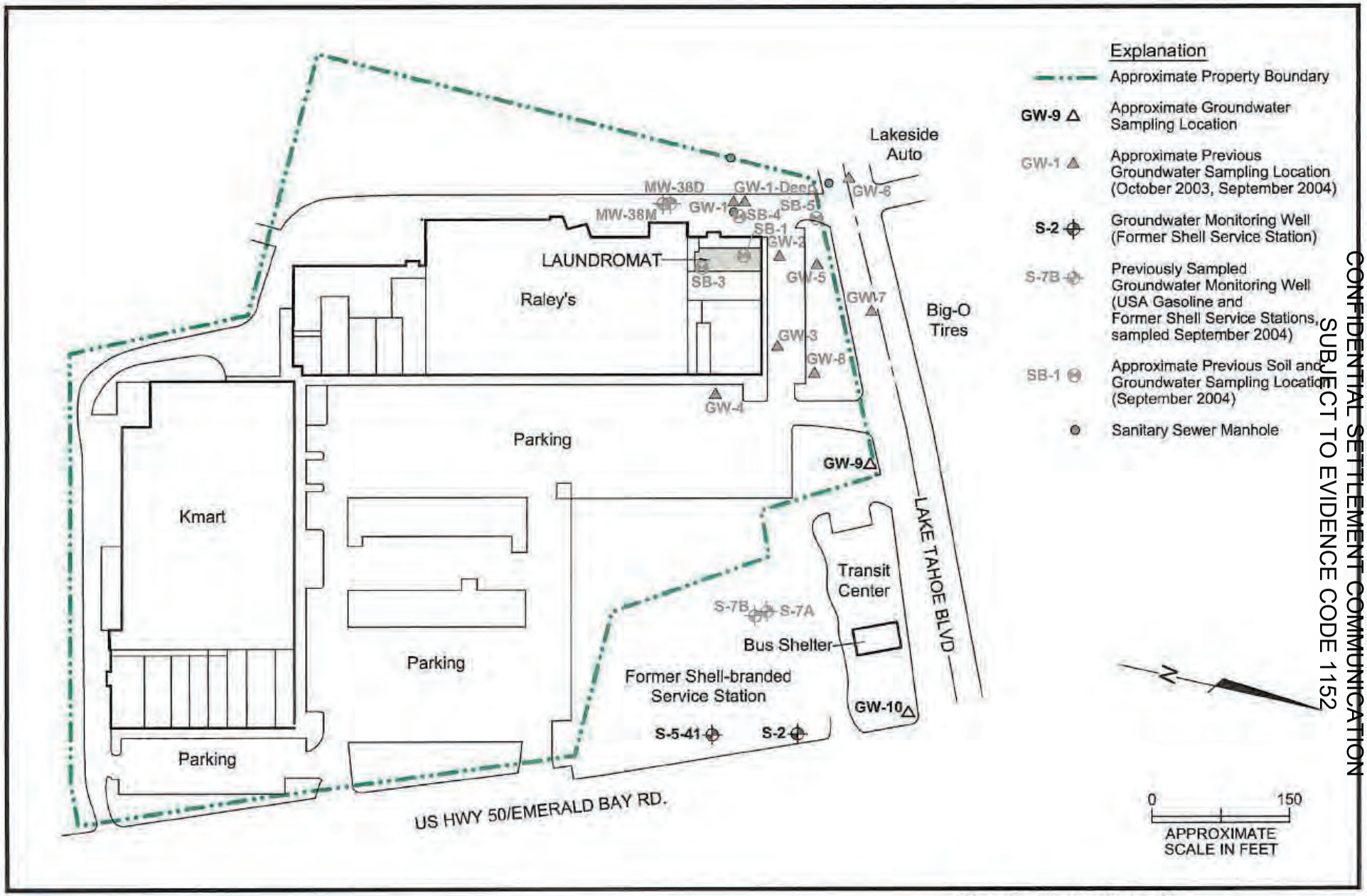
SUBJECT TO EVIDENCE CODE 1152

PLATES



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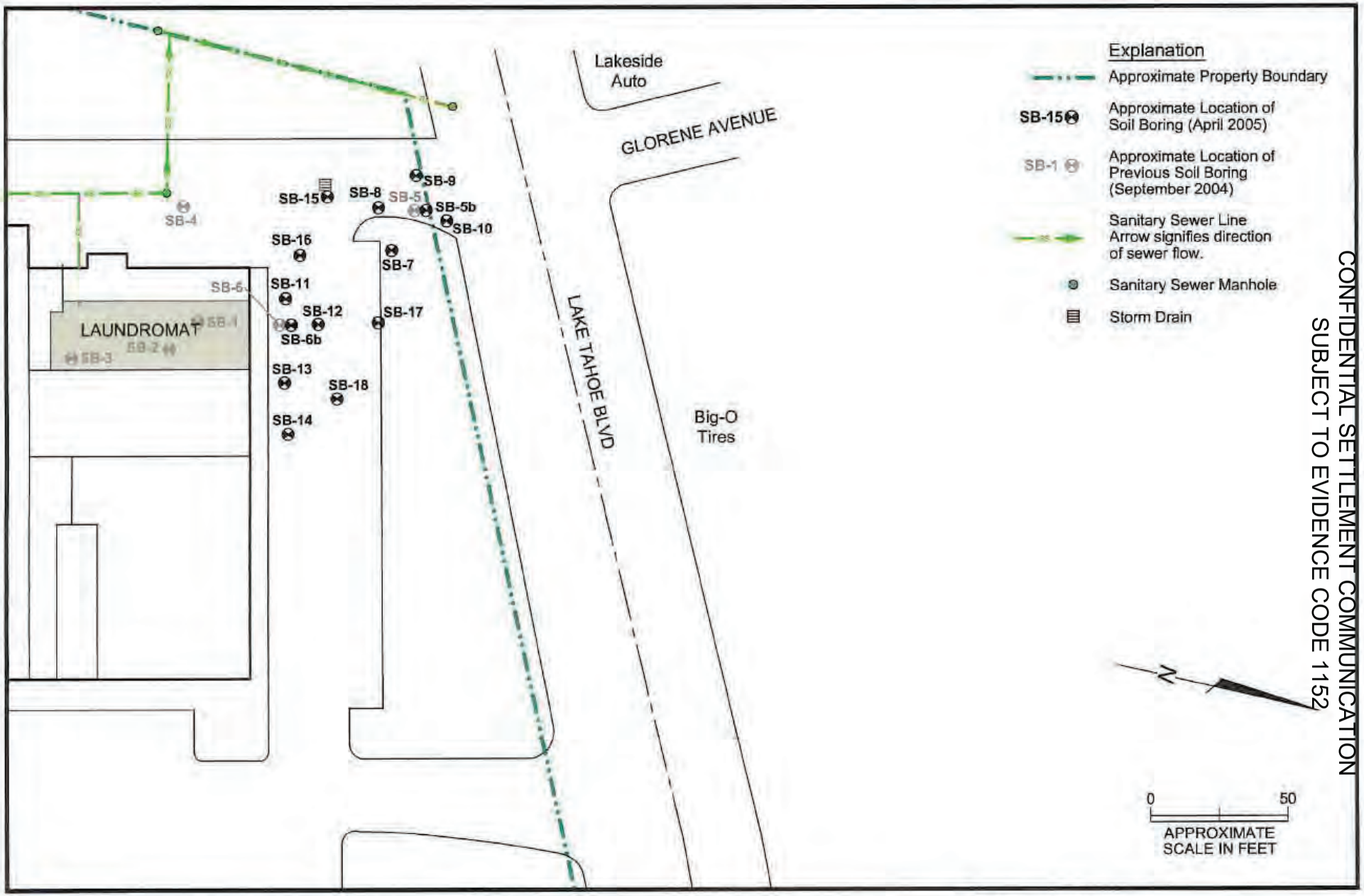
SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Shopping Center Plan and Groundwater Sampling Locations
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 2

1021.001.01.003	1021001_0505.dwg	FAB	5/05
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



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CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services

Soil Sampling Locations
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
3

1021.001.01.003	1021001_0505.dwg	FAB	5/05
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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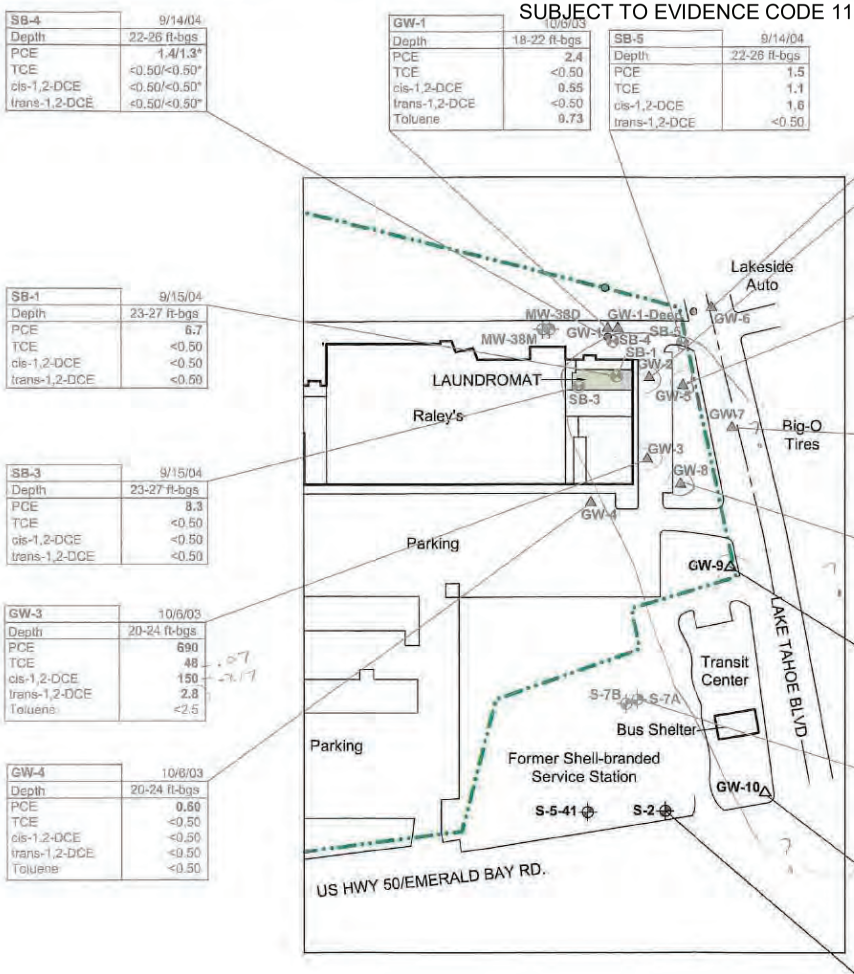
SUBJECT TO EVIDENCE CODE 1152



SB-4	9/14/04
Depth	22-26 ft-bgs
PCE	1.4/1.3*
TCE	<0.50/<0.50*
cis-1,2-DCE	<0.50/<0.50*
trans-1,2-DCE	<0.50/<0.50*

GW-1	10/6/03
Depth	18-22 ft-bgs
PCE	2.4
TCE	<0.50
cis-1,2-DCE	0.55
trans-1,2-DCE	<0.50
Toluene	0.73

SB-5	9/14/04
Depth	22-26 ft-bgs
PCE	1.5
TCE	1.1
cis-1,2-DCE	1.6
trans-1,2-DCE	<0.50

GW-6	9/15/04
Depth	16-20 ft-bgs
PCE	<0.50
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-2	10/6/03
Depth	20-24 ft-bgs
PCE	200
TCE	11
cis-1,2-DCE	8.6
trans-1,2-DCE	<1.0
Toluene	<1.0

SB-1	9/15/04
Depth	23-27 ft-bgs
PCE	6.7
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-5	10/6/03
Depth	20-24 ft-bgs
PCE	560
TCE	1.2
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50
Toluene	<0.50

SB-3	9/15/04
Depth	23-27 ft-bgs
PCE	8.3
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-7	9/15/04
Depth	14-18 ft-bgs
PCE	21
TCE	1.0
cis-1,2-DCE	1.8
trans-1,2-DCE	<0.50

GW-3	10/6/03
Depth	20-24 ft-bgs
PCE	690
TCE	48
cis-1,2-DCE	150
trans-1,2-DCE	2.8
Toluene	<2.5

GW-8	9/14/04
Depth	22-26 ft-bgs
PCE	240
TCE	32
cis-1,2-DCE	74
trans-1,2-DCE	1.3

GW-4	10/6/03
Depth	20-24 ft-bgs
PCE	0.60
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50
Toluene	<0.50

GW-9	4/26/05
Depth	16-20 ft-bgs
PCE	1,000
TCE	42
cis-1,2-DCE	40

S-7A	9/11/04
PCE	<0.50
TCE	<0.50
cis-1,2-DCE	<0.50
trans-1,2-DCE	<0.50

GW-10	4/26/05
Depth	16-20 ft-bgs
PCE	20
TCE	1.6
cis-1,2-DCE	2.1

S-2	4/21/05
VOCs	ND

Explanation

- Approximate Property Boundary
- GW-9 △ Approximate Groundwater Sampling Location (April 2005)
- GW-1 △ Approximate Previous Groundwater Sampling Location (October 2003, September 2004)
- SB-1 ⊕ Approximate Previous Soil and Groundwater Sampling Location (September 2004)
- S-2 ⊕ Groundwater Monitoring Well sampled April 2005 (Former Shell Service Station)
- S-7B ⊕ Previously Sampled Groundwater Monitoring Well (USA Gasoline and Former Shell Service Stations, sampled September 2004)
- ⊙ Sanitary Sewer Manhole

ft-bgs = feet below ground surface

PCE = Tetrachloroethylene
TCE = Trichloroethylene
cis-1,2-DCE = cis-1,2-Dichloroethylene
trans-1,2-DCE = trans-1,2-Dichloroethylene
VOCs = Volatile Organic Compounds

< = Not detected at or above the specified laboratory reporting limit
ND = Not detected above the respective laboratory reporting limits

* Duplicate Result

Concentrations presented in micrograms per liter

0 150
APPROXIMATE SCALE IN FEET

PES Environmental, Inc.
Engineering & Environmental Services

Analytical Results from Shallow Water-Bearing Zone
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 5

1021.001.01.003	1021001_0505.dwg	FAB	5/05
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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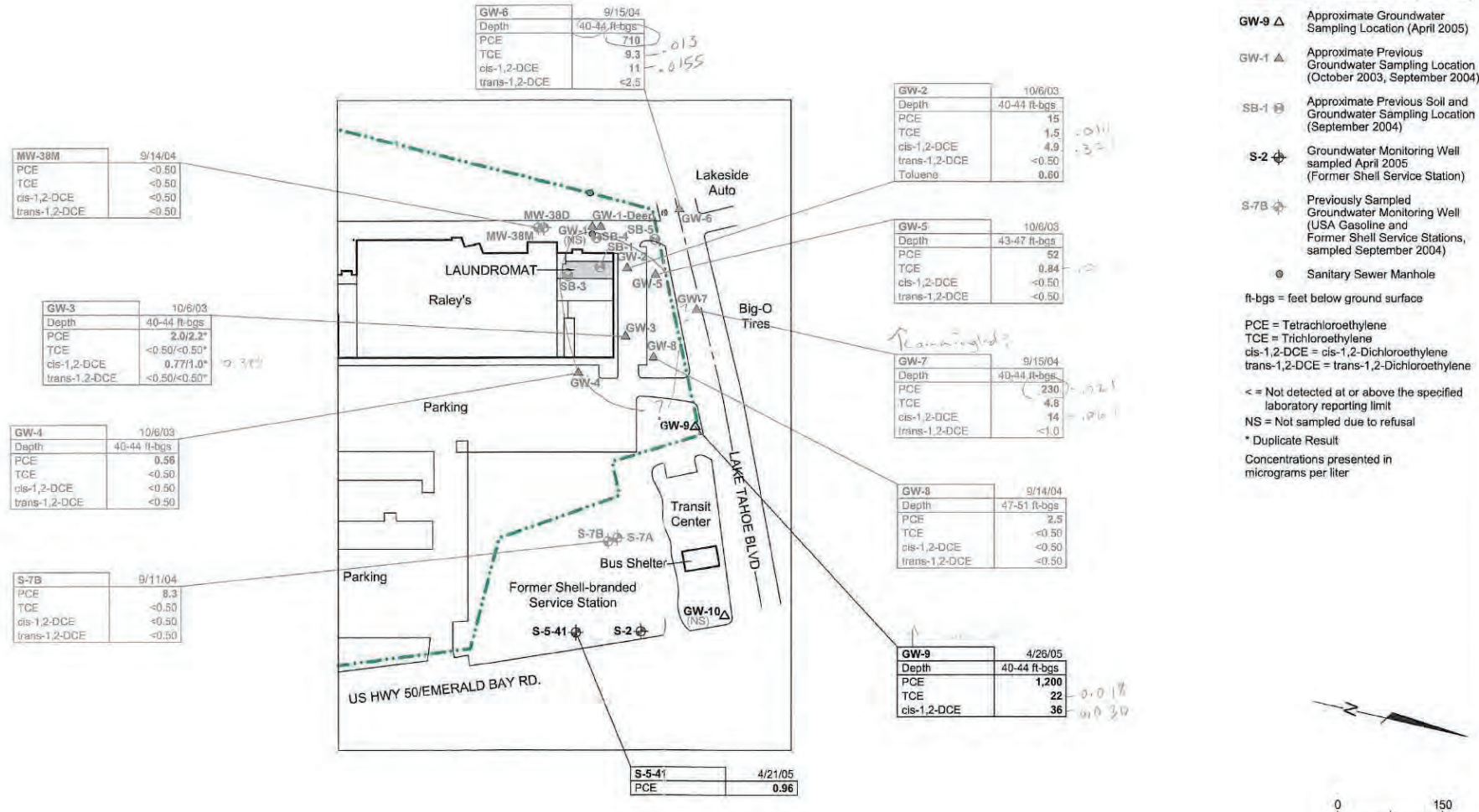
SUBJECT TO EVIDENCE CODE 1152



Explanation

- Approximate Property Boundary
- GW-9 △ Approximate Groundwater Sampling Location (April 2005)
- GW-1 △ Approximate Previous Groundwater Sampling Location (October 2003, September 2004)
- SB-1 Approximate Previous Soil and Groundwater Sampling Location (September 2004)
- S-2 ⊕ Groundwater Monitoring Well sampled April 2005 (Former Shell Service Station)
- S-7B ⊕ Previously Sampled Groundwater Monitoring Well (USA Gasoline and Former Shell Service Stations, sampled September 2004)
- Sanitary Sewer Manhole

ft-bgs = feet below ground surface

PCE = Tetrachloroethylene
TCE = Trichloroethylene
cis-1,2-DCE = cis-1,2-Dichloroethylene
trans-1,2-DCE = trans-1,2-Dichloroethylene

< = Not detected at or above the specified laboratory reporting limit
NS = Not sampled due to refusal
* Duplicate Result

Concentrations presented in micrograms per liter

PES Environmental, Inc.
Engineering & Environmental Services

Analytical Results from Middle Water-Bearing Zone
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE 6

1021.001.01.003	1021001_0505.dwg	FAB	5/05
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

PES Environmental, Inc.
Engineering & Environmental Services

January 31, 2006

1021.001.01.007

California Regional Water Quality Board
Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

Attention: Ms. Lisa Dernbach

ADDITIONAL SOIL INVESTIGATION RESULTS
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA
RWQCB SLIC CASE No. T6S043

Dear Ms. Dernbach:

This report presents the results of an additional soil investigation conducted in November 2005 at Lake Tahoe Laundry Works (site), located within the South Y Shopping Center at 1024 Lake Tahoe Boulevard, South Lake Tahoe, California (Plates 1 and 2). The investigation was performed by PES Environmental, Inc. (PES), on behalf of Commerce Bank, N.A. as a trustee of the Jack R. Lyddon Trust Two, as managing member of Real Estate Management Associates, LLC, as general partner of Seven Springs Limited Partnership, the entity that holds title to the South Y Center.

The investigation was performed in accordance with PES' *Workplan for Additional Soil Investigation, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California* dated October 14, 2005, as well as written correspondence from the Regional Water Quality Control Board – Lahontan Region (RWQCB) dated November 4, 2005. The RWQCB requested the workplan in a letter dated September 2, 2005. The objective of the additional soil sampling was to attempt to define, vertically and laterally, the extent of volatile organic compound (VOC)-affected soil in the vadose zone on the site. The RWQCB approved PES' Workplan in a letter dated November 4, 2005 (included as Appendix A of this report).

TABLE

Table 1
Summary of Soil Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Boring ID	Sample ID	Sample Depth (ft-bgs)	Sample Date	PCE	TCE	cis-1,2-DCE
SB-19	SB-19-4	4	11/17/05	**0.24**	<0.0050	<0.0050
	SB-19-8	8	11/17/05	**0.028**	<0.0050	<0.0050
	SB-19-12	12	11/17/05	**0.013**	<0.0050	<0.0050
SB-20	SB-20-4	4	11/17/05	**0.028**	<0.0050	<0.0050
	SB-20-8	8	11/17/05	<0.0050	<0.0050	<0.0050
	SB-20-12	12	11/17/05	<0.0050	<0.0050	<0.0050
SB-21	SB-21-4	4	11/17/05	**0.017**	<0.0050	<0.0050
	SB-21-8	8	11/17/05	<0.0050	<0.0050	<0.0050
	SB-21-12	12	11/17/05	**0.044**	<0.0050	<0.0050
SB-22	SB-22-4	4	11/17/05	**0.066**	**0.0096**	**0.062**
	SB-22-8	8	11/17/05	**0.013**	<0.0050	<0.0050
	SB-22-12	12	11/17/05	**0.096**	**0.068**	**0.022**
SB-23	SB-23-4	4	11/17/05	<0.0050	<0.0050	<0.0050
	SB-23-8	8	11/17/05	**0.032**	<0.0050	<0.0050
	SB-23-12	12	11/17/05	**0.073**	<0.0050	**0.0071**

Notes:
All results in milligrams per kilogram (mg/kg)
ft-bgs: feet below ground surface
< - concentration less than specified laboratory reporting limit
PCE: Tetrachloroethylene
TCE: Trichloroethylene
cis-1,2-DCE: cis-1,2-Dichloroethylene
Samples analyzed using U.S. Environmental Protection Agency Test Method 8260B.
Only detected volatile organic compounds (VOCs) are tabulated. Other VOCs are below respective laboratory reporting limits.

PLATES

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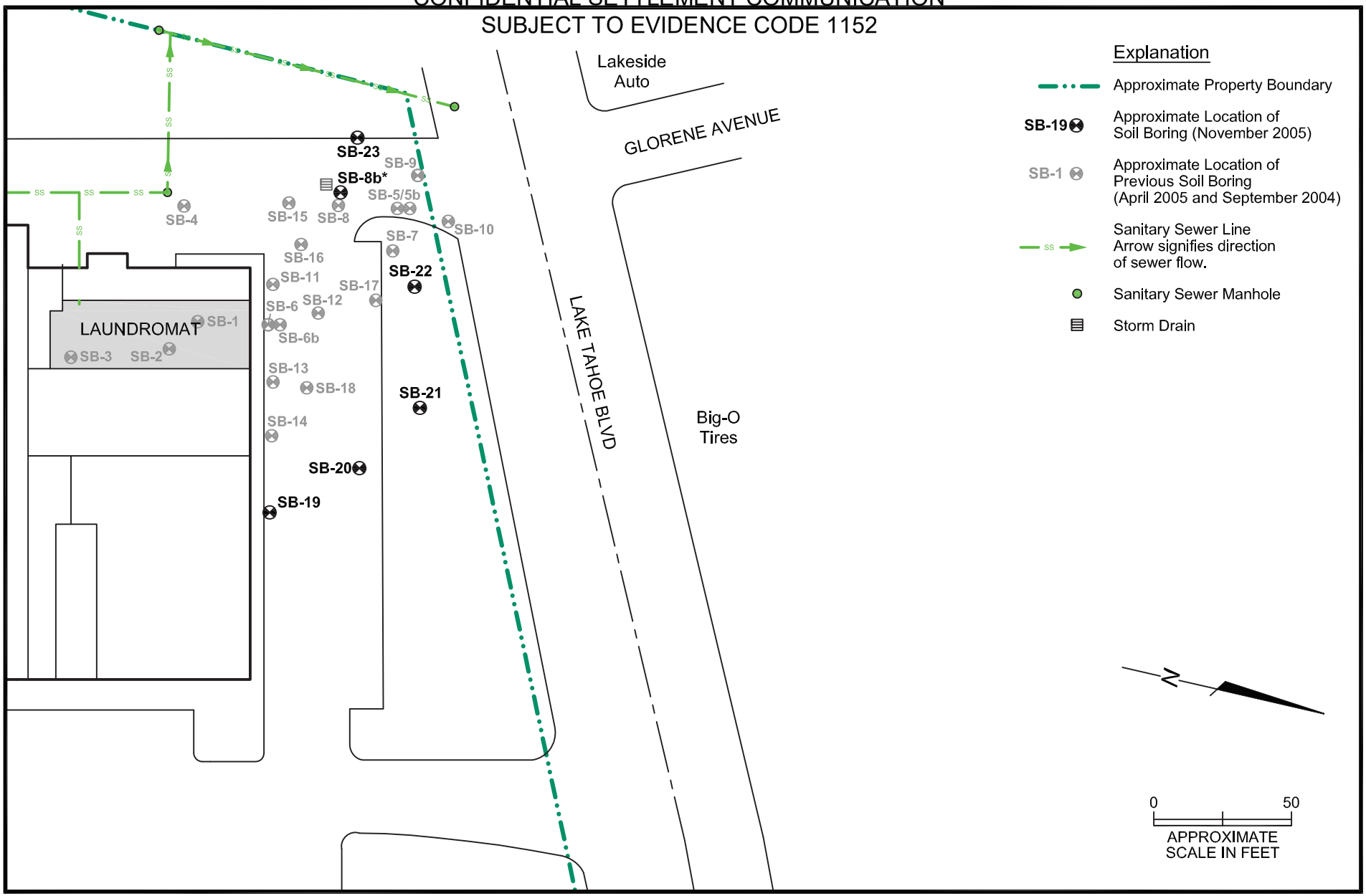
SUBJECT TO EVIDENCE CODE 1152



PES Environmental, Inc.
Engineering & Environmental Services

Soil Sampling Locations
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
3

1021.001.01.007	102100101007_1105	KSF	1/06
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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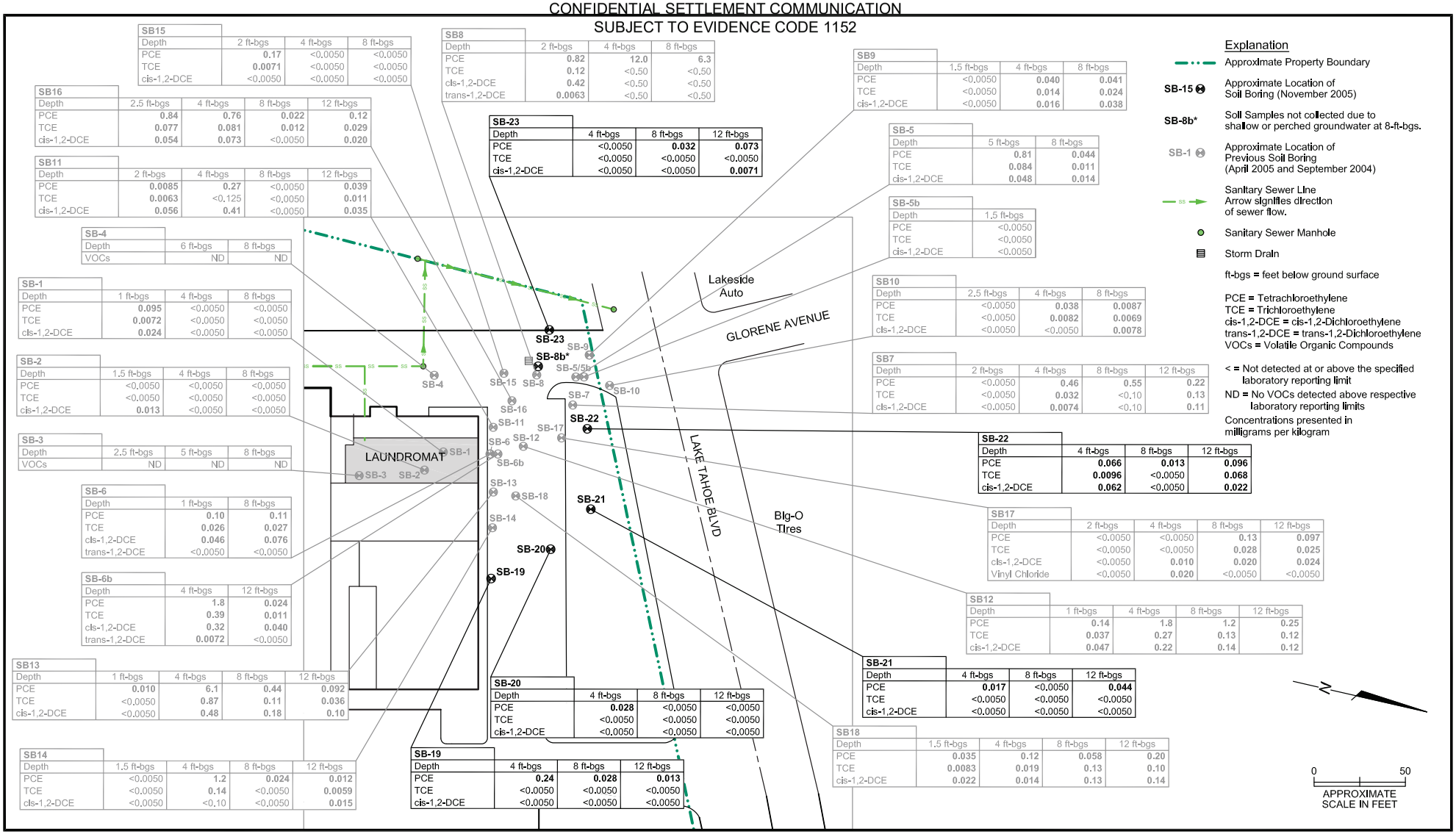
SUBJECT TO EVIDENCE CODE 1152



SB15

Depth	2 ft-bgs	4 ft-bgs	8 ft-bgs
PCE	**0.17**	<0.0050	<0.0050
TCE	**0.0071**	<0.0050	<0.0050
cis-1,2-DCE	<0.0050	<0.0050	<0.0050

SB8

Depth	2 ft-bgs	4 ft-bgs	8 ft-bgs
PCE	**0.82**	**12.0**	**6.3**
TCE	**0.12**	<0.50	<0.50
cis-1,2-DCE	**0.42**	<0.50	<0.50
trans-1,2-DCE	**0.0063**	<0.50	<0.50

SB9

Depth	1.5 ft-bgs	4 ft-bgs	8 ft-bgs
PCE	<0.0050	**0.040**	**0.041**
TCE	<0.0050	**0.014**	**0.024**
cis-1,2-DCE	<0.0050	**0.016**	**0.038**

SB16

Depth	2.5 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.84**	**0.76**	**0.022**	**0.12**
TCE	**0.077**	**0.081**	**0.012**	**0.029**
cis-1,2-DCE	**0.054**	**0.073**	<0.0050	**0.020**

SB23

Depth	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	<0.0050	**0.032**	**0.073**
TCE	<0.0050	<0.0050	<0.0050
cis-1,2-DCE	<0.0050	<0.0050	**0.0071**

SB5

Depth	5 ft-bgs	8 ft-bgs
PCE	**0.81**	**0.044**
TCE	**0.084**	**0.011**
cis-1,2-DCE	**0.048**	**0.014**

SB11

Depth	2 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.0085**	**0.27**	<0.0050	**0.039**
TCE	**0.0063**	<0.125	<0.0050	**0.011**
cis-1,2-DCE	**0.056**	**0.41**	<0.0050	**0.035**

SB5b

Depth	1.5 ft-bgs
PCE	<0.0050
TCE	<0.0050
cis-1,2-DCE	<0.0050

SB4

Depth	6 ft-bgs	8 ft-bgs
VOCs	ND	ND

SB10

Depth	2.5 ft-bgs	4 ft-bgs	8 ft-bgs
PCE	<0.0050	**0.038**	**0.0087**
TCE	<0.0050	**0.0082**	**0.0069**
cis-1,2-DCE	<0.0050	<0.0050	**0.0078**

SB1

Depth	1 ft-bgs	4 ft-bgs	8 ft-bgs
PCE	**0.095**	<0.0050	<0.0050
TCE	**0.0072**	<0.0050	<0.0050
cis-1,2-DCE	**0.024**	<0.0050	<0.0050

SB7

Depth	2 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	<0.0050	**0.46**	**0.55**	**0.22**
TCE	<0.0050	**0.032**	<0.10	0.13
cis-1,2-DCE	<0.0050	**0.0074**	<0.10	0.11

SB2

Depth	1.5 ft-bgs	4 ft-bgs	8 ft-bgs
PCE	<0.0050	<0.0050	<0.0050
TCE	<0.0050	<0.0050	<0.0050
cis-1,2-DCE	**0.013**	<0.0050	<0.0050

SB22

Depth	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.066**	**0.013**	**0.096**
TCE	**0.0096**	<0.0050	**0.068**
cis-1,2-DCE	**0.062**	<0.0050	**0.022**

SB3

Depth	2.5 ft-bgs	5 ft-bgs	8 ft-bgs
VOCs	ND	ND	ND

SB17

Depth	2 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	<0.0050	<0.0050	**0.13**	**0.097**
TCE	<0.0050	<0.0050	**0.028**	**0.025**
cis-1,2-DCE	<0.0050	**0.010**	**0.020**	**0.024**
Vinyl Chloride	<0.0050	**0.020**	<0.0050	<0.0050

SB6

Depth	1 ft-bgs	8 ft-bgs
PCE	**0.10**	**0.11**
TCE	**0.026**	**0.027**
cis-1,2-DCE	**0.046**	**0.076**
trans-1,2-DCE	<0.0050	<0.0050

SB12

Depth	1 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.14**	**1.8**	**1.2**	**0.25**
TCE	**0.037**	**0.27**	**0.13**	**0.12**
cis-1,2-DCE	**0.047**	**0.22**	**0.14**	**0.12**

SB6b

Depth	4 ft-bgs	12 ft-bgs
PCE	**1.8**	**0.024**
TCE	**0.39**	**0.011**
cis-1,2-DCE	**0.32**	**0.040**
trans-1,2-DCE	**0.0072**	<0.0050

SB21

Depth	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.017**	<0.0050	**0.044**
TCE	<0.0050	<0.0050	<0.0050
cis-1,2-DCE	<0.0050	<0.0050	<0.0050

SB13

Depth	1 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.010**	**6.1**	**0.44**	**0.092**
TCE	<0.0050	**0.87**	**0.11**	**0.036**
cis-1,2-DCE	<0.0050	**0.48**	**0.18**	**0.10**

SB20

Depth	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.028**	<0.0050	<0.0050
TCE	<0.0050	<0.0050	<0.0050
cis-1,2-DCE	<0.0050	<0.0050	<0.0050

SB18

Depth	1.5 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.035**	**0.12**	**0.058**	**0.20**
TCE	**0.0083**	**0.019**	**0.13**	**0.10**
cis-1,2-DCE	**0.022**	**0.014**	**0.13**	**0.14**

SB14

Depth	1.5 ft-bgs	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	<0.0050	**1.2**	**0.024**	**0.012**
TCE	<0.0050	**0.14**	<0.0050	**0.0059**
cis-1,2-DCE	<0.0050	<0.10	<0.0050	**0.015**

SB19

Depth	4 ft-bgs	8 ft-bgs	12 ft-bgs
PCE	**0.24**	**0.028**	**0.013**
TCE	<0.0050	<0.0050	<0.0050
cis-1,2-DCE	<0.0050	<0.0050	<0.0050

PES Environmental, Inc.
Engineering & Environmental Services

Soil Analytical Results
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

PLATE
4

1021.001.01.007	102100101007_1105	KSF	1/06
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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SUBJECT TO EVIDENCE CODE 1152

E2C Remediation
Environmental Engineering
Consulting and Remediation, Inc.

SITE INVESTIGATION REPORT OF FINDINGS

Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Project Number: 1950BK43

September 22, 2008

Prepared For:

Lewis Brisbois Bisgaard & Smith LLP
Attorneys At Law
One Sansome Street, Suite 1400
San Francisco, CA 94104

Prepared By:

E_2C Remediation
Environmental/Engineering Consultants
5300 Woodmere Drive, Suite 105
Bakersfield, California 93313

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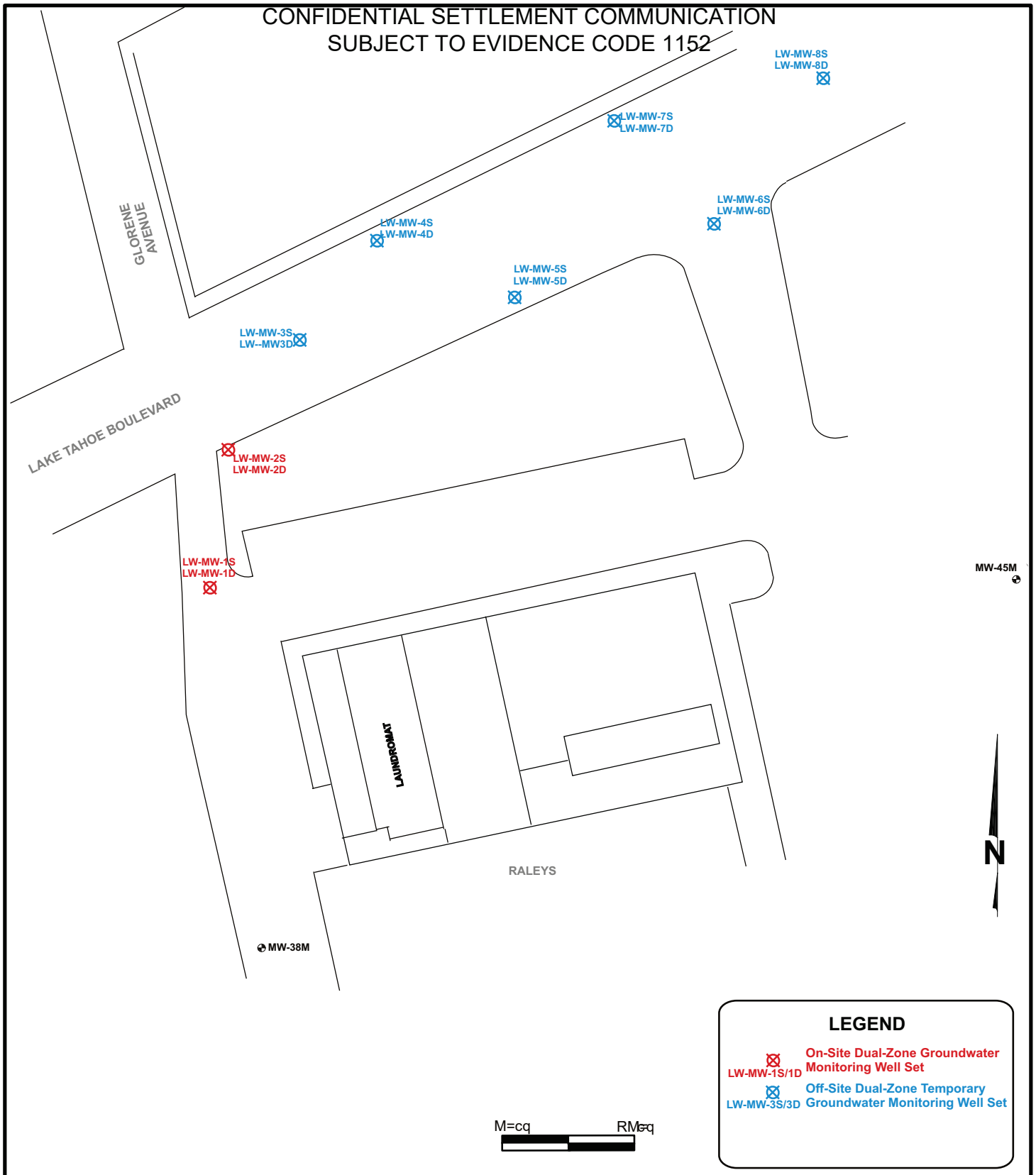

E_2C Remediation RPMM=ţçÇãÉêÉ=aÉ=kI=pìáíÉ=NMR _~âÉêëÑáÉäÇI=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW=====ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **SITE PLAN**	**FIGURE** **2A**

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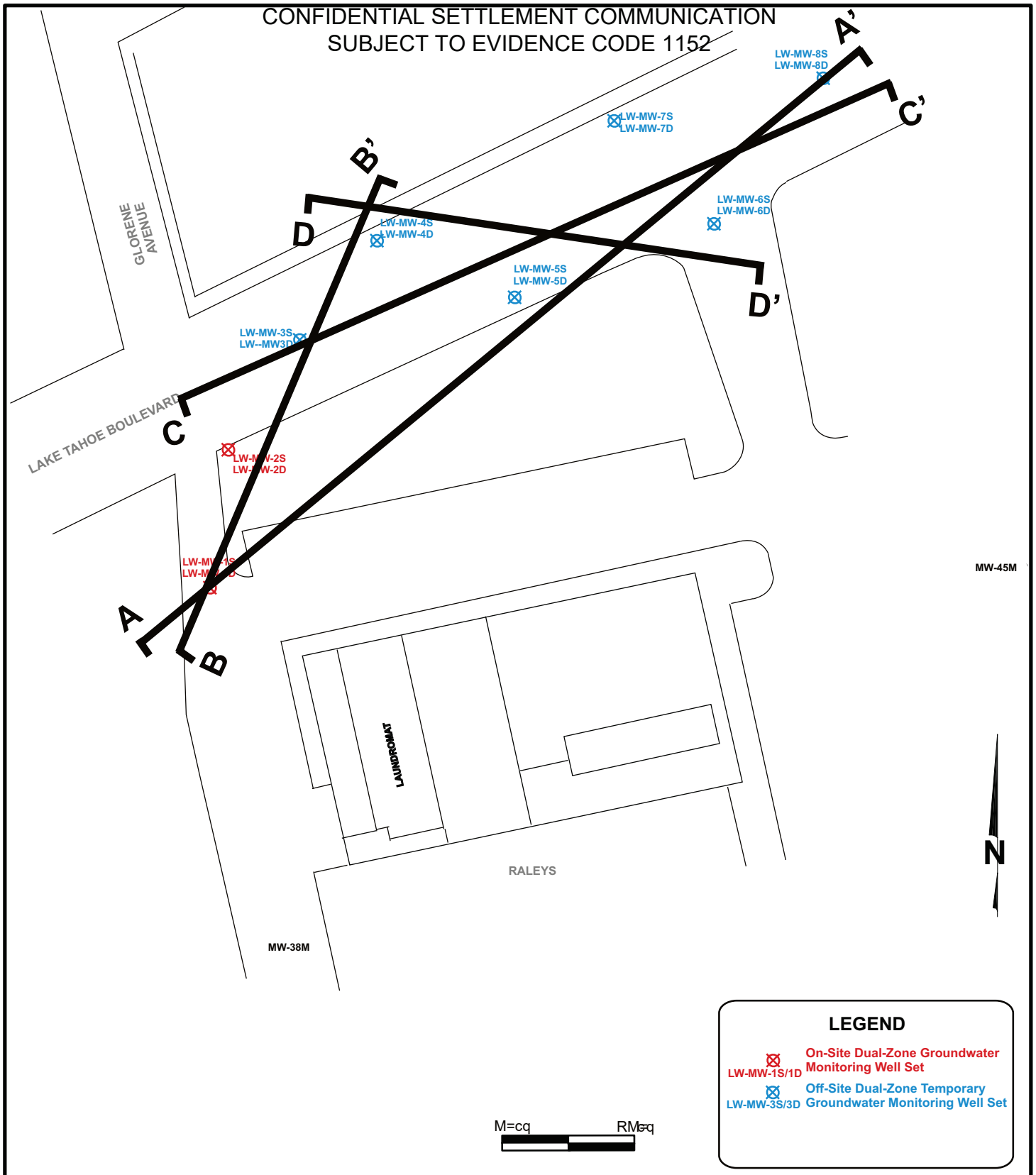
SUBJECT TO EVIDENCE CODE 1152



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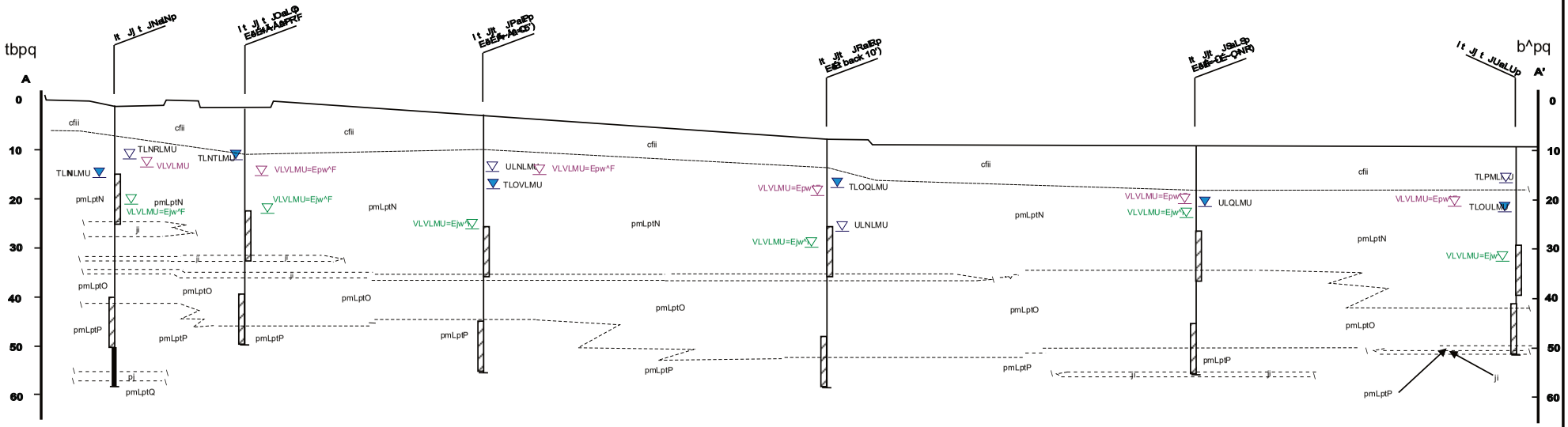
Horizontal Scale: 1.0-inch = 20 feet
Horizontal Scale

Vertical Scale: 1.0-inch = 20 feet
Vertical Scale



iÉÖÉåÇ

ji =J=páäíX=äáÖÜí=Öê~ó=~âÇ=çê~äÖÉ=Äêçíä=ïáíÜ=cÉJëí~áâääÖ=áâ=éä~ÁÉé

pj=J=páäíó=p~âÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÊê~ääó=ïÉêó=ÑáäÉ=ë~âÇëX=áçåJëê~êáÅ=ÑáäÉ

pm=J=mççêäáÖdê~ÇÉÇ=p~âÇ

pt=J=t ÊääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáäÖ=äÉåëÉé=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉåÉê~ääó=ë~äí=C=éÉéëÉê=áâ=Açäçê=ïáíÜ=çÅÅ~ëáçà~ä=âÇÇÉê~íÉ óÉääçí=Äêçíä=äÉåëÉé

pmLptO=J ^äíÉêâ~íáäÖ=äÉåëÉé=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉåÉê~ääó=ë~äí=C=éÉéëÉê=äÉåëÉé=ïáíÜ=áäíÉëÅÉÇÇÉÇ=âçÇÉê~íÉ óÉääçí=Äêçíä=~âÇ=Öê~ó=äÉåëÉé

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pmLptQ=J ^äíÉêâ~íáäÖ=äÉåëÉé=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ë~äí=~âÇ=éÉéëÉêçÉê~íÉ=óÉääçí=Äêçíä=~âÇ=Öê~ó

cáêëí=bàÅçíàÍÉêÉÇ=pÜ~ääçíÍÉê

pÜ~ääçí=t~íÉêq~ÅäÉ=lLÇ~íÉ=äÉ~ëíëÉÇ

E₂C Remediation RPMM=tçÇãÉêÉ=aKl=piáíÉ=NMR _~åÉêëÑáÉäÇÍ=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW=====ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **CROSS SECTION A - A'**	**FIGURE** **4**

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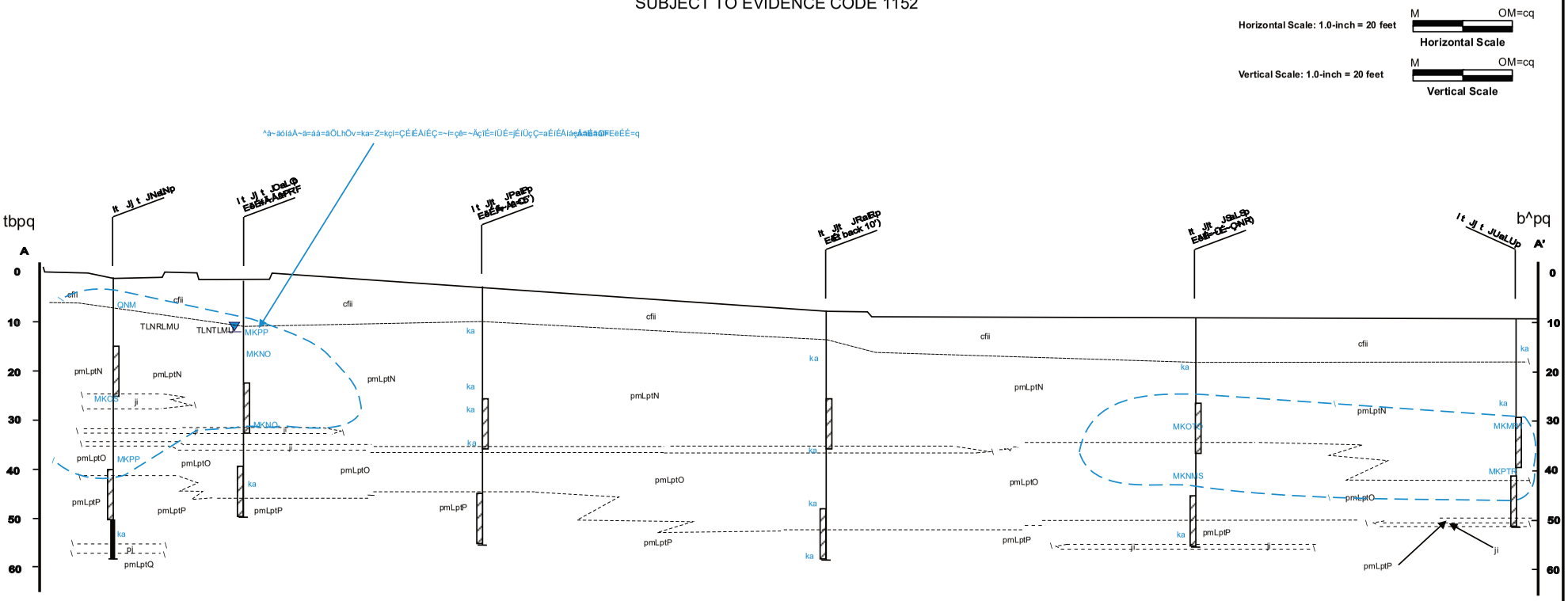
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

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pj=J=páäíó=p~âÇX=êÉÇÇáëÜ=Öê~óX=ÖÉâÉê~ääó=ïÉêó=ÑáàÉ=ë~âÇëX=âçâJëë~ëíáÅ=ÑáàÉë

pm=J=mççêäóJdê~ÇÉÇ=p~âÇ

pt=J=t ÉääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=áà=Åçäçê=ïáíÜ=çÅÅ~ëáçà~ä=âçÇÉê~íÉ óÉääçï=Äêçïà=äÉâëÉë

pmLptO=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=äÉâëÉë=ïáíÜ=áàíÉêÅÉÇÇÉÇ=âçÇÉê~íÉ óÉääçï=Äêçïà=~âÇ=Öê~ó=äÉâëÉë

pmLptP=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ääíÉêÅÉÇÇÉÇ=äÉâëÉë=çÑ=Öê~ó=~âÇ=çê~âÖÉJÄêçïà=ïáíÜ çÅÅ~ëáçà~ä=cÉJëí~áàáàÖX=çÅÅ~ëáçà~ä=äÉâëÉë=çÑ=êÉÇÇáëÜ=Äêçïàl ïÉêó=ÑáàÉ=ë~âÇ

pmLptQ=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ë~äí=~âÇ=éÉééÉê=âçÇÉê~íÉ=óÉääçï=Äêçïà=~âÇ=Öê~ó

cáêëí=bàÅçìàíÉêÉÇ=pÜ~ääçïíÉê

pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E_2C Remediation RPMM=tçÇäÉêÉ=aÉI=pìáíÉ=NMR _~âÉêëÑáÉäÇI=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW=====ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **CROSS SECTION A - A'** **SOIL PCE**	**FIGURE** **4A**

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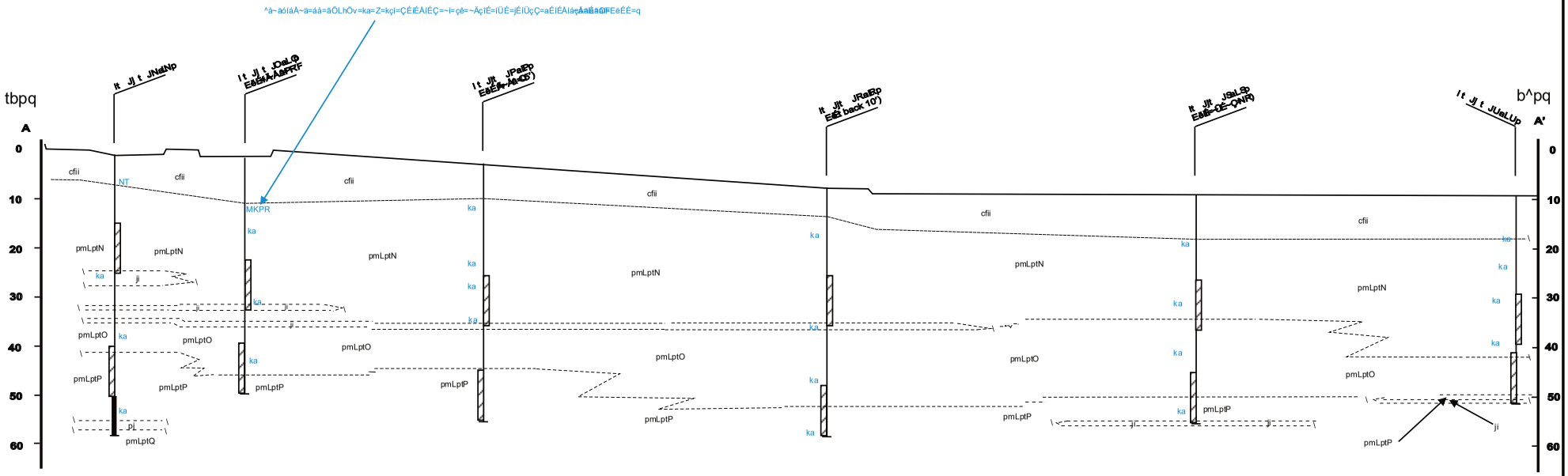
SUBJECT TO EVIDENCE CODE 1152

Horizontal Scale: 1.0-inch = 20 feet
M OM=cq
Horizontal Scale

Vertical Scale: 1.0-inch = 20 feet
M OM=cq
Vertical Scale



iÉÖÉåÇ

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pj=J=páäíó=p~âÇX=êÉÇÇáëÜ=Öê~óX=ÖÉâÉê~ääó=ïÉêó=ÑáàÉ=ë~âÇëX=âçâJëë~ëíáÅ=ÑáàÉë

pm=J=mççêäóJdê~ÇÉÇ=p~âÇ

pt=J=t ÉääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=áà=Åçäçê=ïáíÜ=çÅÅ~ëáçà~ä=âçÇÉê~íÉ óÉääçï=Äêçïà=äÉâëÉë

pmLptO=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=äÉâëÉë=ïáíÜ=áàíÉêÄÉÇÇÉÇ=âçÇÉê~íÉ óÉääçï=Äêçïà=~âÇ=Öê~ó=äÉâëÉë

pmLptP=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ääíÉêÄÉÇÇÉÇ=äÉâëÉë=çÑ=Öê~ó=~âÇ=çê~âÖÉJÄêçïà=ïáíÜ çÅÅ~ëáçà~ä=cÉJëí~áàáàÖX=çÅÅ~ëáçà~ä=äÉâëÉë=çÑ=êÉÇÇáëÜ=Äêçïàl ïÉêó=ÑáàÉ=ë~âÇ

pmLptQ=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ë~äí=~âÇ=éÉééÉê=âçÇÉê~íÉ=óÉääçï=Äêçïà=~âÇ=Öê~ó

cáêëí=bàÅçìàíÉêÉÇ=pÜ~ääçïíÉê

pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E$_2$C Remediation
RPMM=tçÇäÉêÉ=aÉI=pìáíÉ=NMR
_~âÉêëÑáÉäÇI=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION A - A'
SOIL TCE

FIGURE

4B

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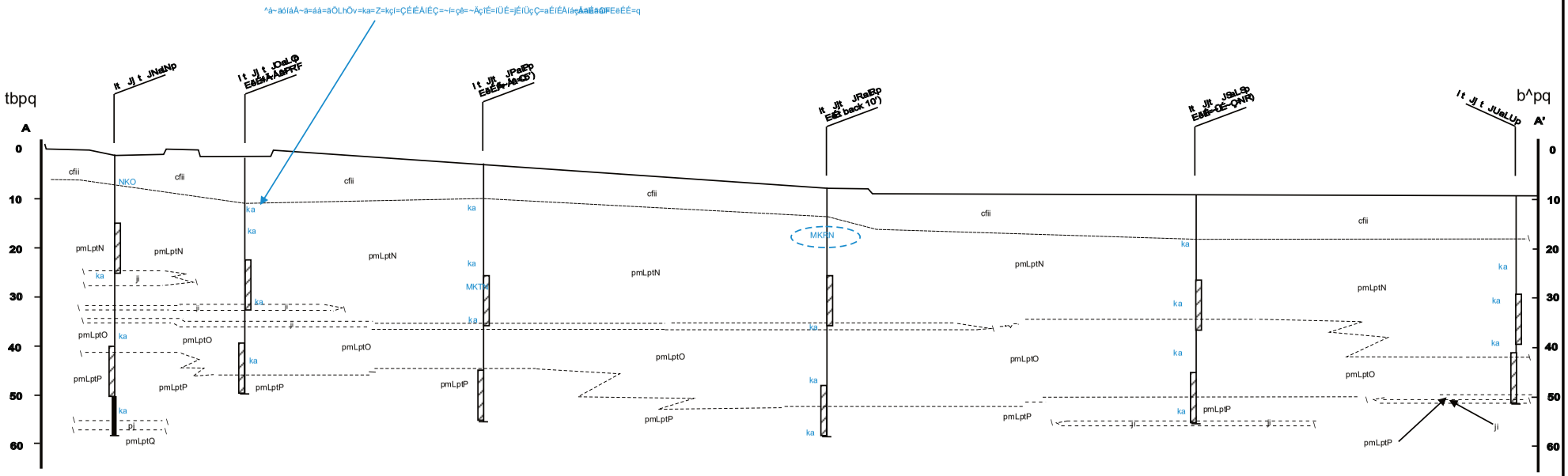
SUBJECT TO EVIDENCE CODE 1152

Horizontal Scale: 1.0-inch = 20 feet
Horizontal Scale

Vertical Scale: 1.0-inch = 20 feet
Vertical Scale



iÉÖÉåÇ

ji =J=páäíX=äáÖÜí=Öê~ó=~âÇ=çê~âÖÉ=Äêçïã=ïáíÜ=cÉJéí~áâääÖ=áâ=éã~ÁÉé

pj=J=páäíó=p~âÇX=êÉÇÇáéÜ=Öê~óX=ÖÉáÊê~ääó=ÍÉéó=ÑáäÉ=ê~âÇëX=áçáJéê~éräÁ=ÑáäÉê

pm=J=mççêäáJdê~ÇÉÇ=p~âÇ

pt=J=t ÊääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáäÖ=äÉâëÉé=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX
ÖÉáÉê~ääó=ë~äí=C=éÉéëÉé=áâ=Áçäçê=ïáíÜ=çÁÅ~ëáçà~ã=âÇÇÉê~íÉ
óÉääçï=Äêçïã=äÉâëÉé

pmLptO=J ^äíÉêâ~íáäÖ=äÉâëÉé=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX
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íÉêó=ÑáäÉ=ë~âÇ

pmLptQ=J ^äíÉêâ~íáäÖ=äÉâëÉé=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX
ë~ãí=~âÇ=éÉéëÉéçÉê~íÉ=óÉääçï=Äêçïã=~âÇ=Öê~ó

cáêëí=bàÅçìáÍÉêÇ=pÜ~ääçíÉêë
pÜ~ääçí=t~íÉêq~ÅäÉ=ìLÇ~íÉ=äÉ~ëìéÉÇ

E₂C Remediation
RPMM=tçÇäÉêÉ=aÉKl=pìáíÉ=NMR
_~âÉêëÑáÉäÇÍ=VPPNP
mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION A - A'
SOIL cis-1,2-DCE

FIGURE

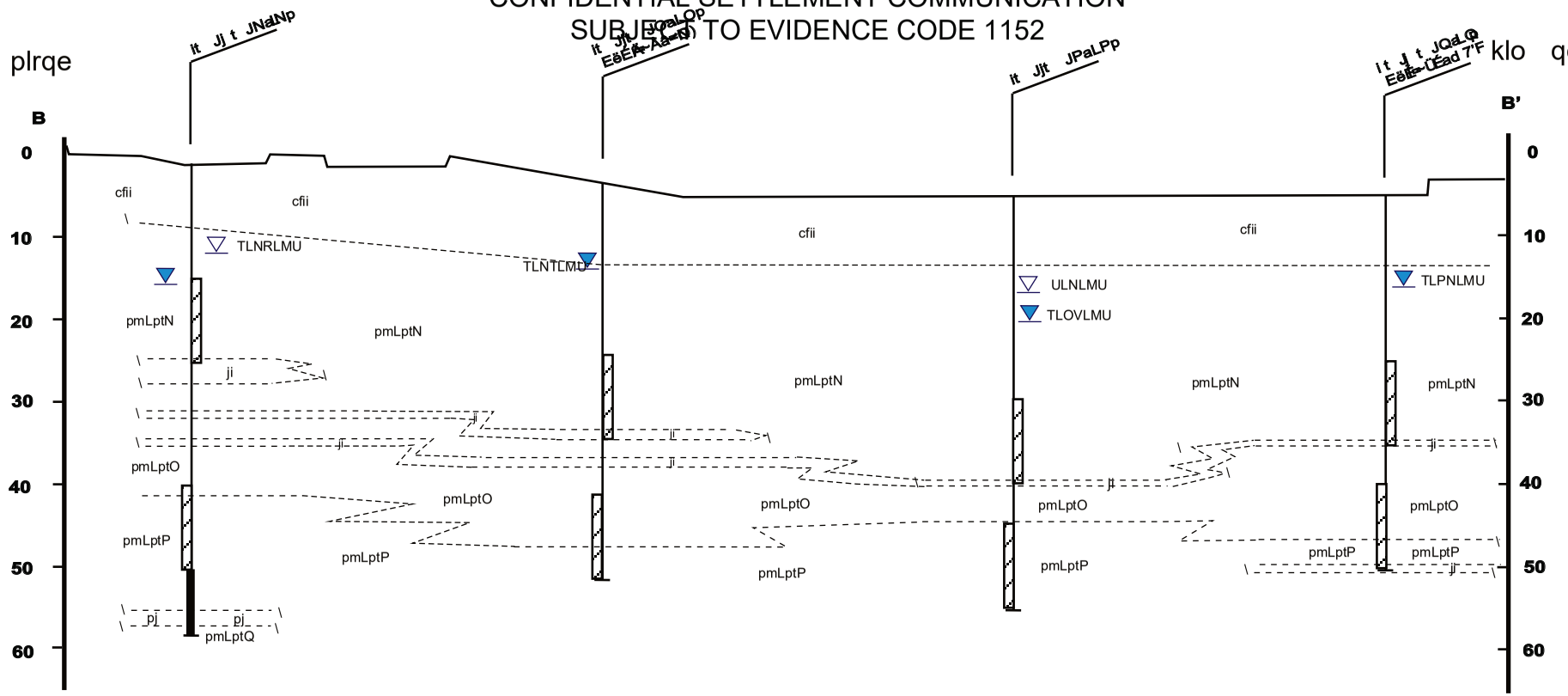
4C

DRAFT

CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

plrqe

klo qe



¡ÉÖÉåÇ

ji =J=páäíX=äáÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Âêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéä~ëíáÅ=ÑáåÉë

pm=J=mçççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX
ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=áå=Åçäçê=ïáíÜ=çÅÅ~ëáçå~ä=ãçÇÉê~íÉ
óÉääçï=Äêçïå=äÉåëÉë

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íÉêó=ÑáåÉ=ë~åÇ

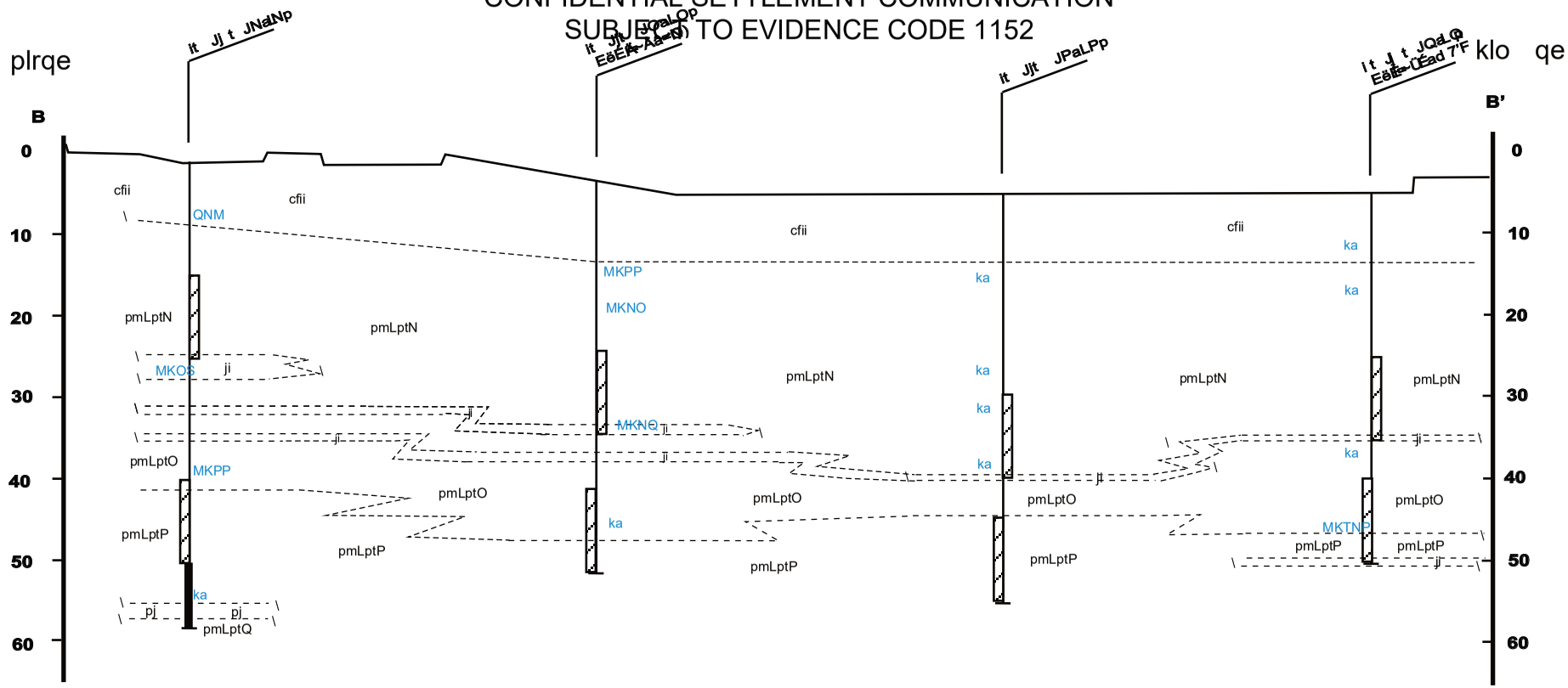
pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX
ë~äí=~åÇ=éÉéëÉê=çÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

cáêëí=båÅçìåÍÉêÉÇ=pÜ~ääçïÍÉê

pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E_2C Remediation RPMM=qçÇãÉêÉ=aêáîÉI=píÉK=NMR _~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW===ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **CROSS SECTION B - B'**	**FIGURE** **5**

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

ji =J=páäíX=ääÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Äêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéä~ëíåÅ=ÑáåÉë

pm=J=mççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=áå=Åçäçê=ïáíÜ=çÅÅ~ëáçå~ä=ãçÇÉê~íÉ óÉääçï=Äêçïå=äÉåëÉë

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pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇ ë~äí=~åÇ=éÉééÉê=ãçÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçï=íÉê

▽ pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=ãÉ~ëìêÉÇ

E_2C Remediation

RPMM=tçÇãÉêÉ=aêáîÉI=píÉK=NMR
_~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW===ESSNF=UPNJSOPQ

LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

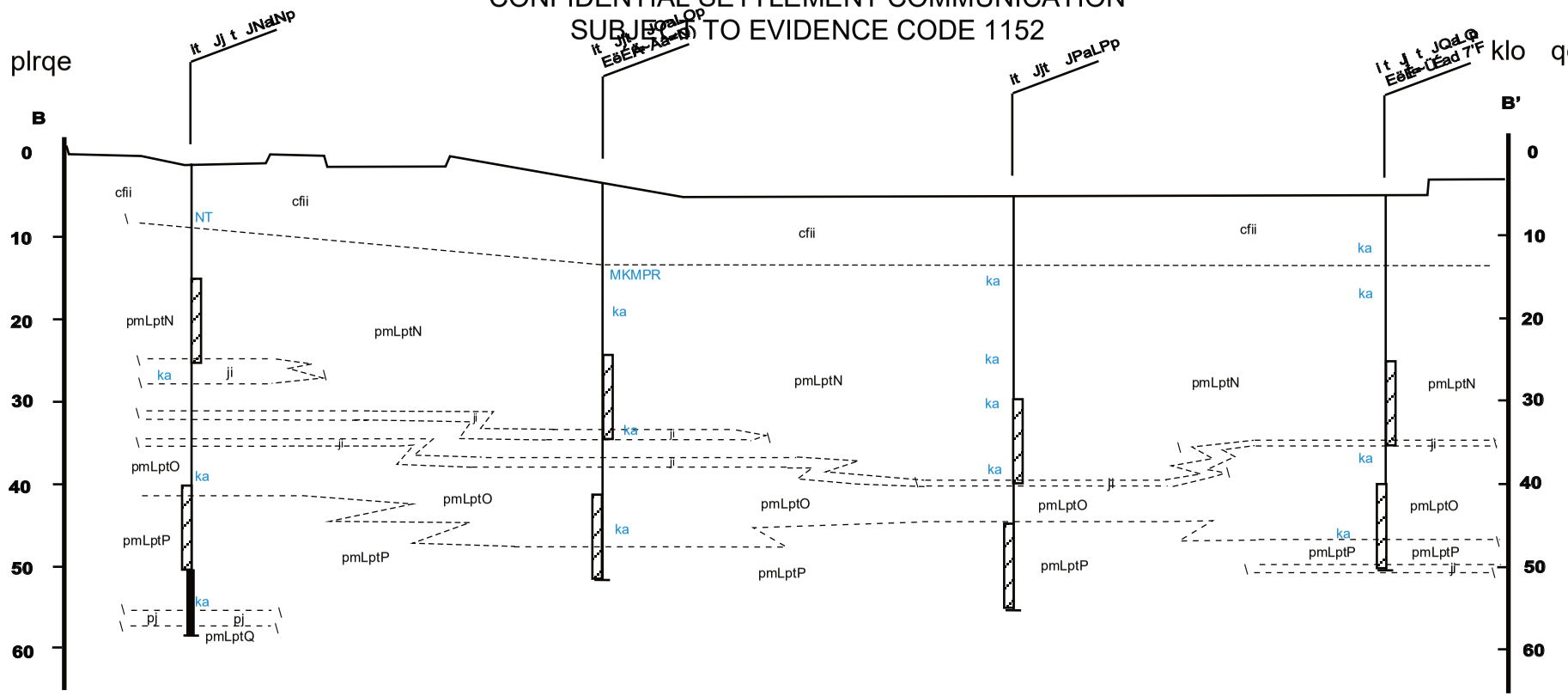
CROSS SECTION B - B'
SOIL PCE

FIGURE

5A

DRAFT

CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



¡ÉÖÉåÇ

ji =J=páäíX=äáÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Âêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

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pm=J=mçççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

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óÉääçï=Äêçïå=äÉåëÉë

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íÉêó=ÑáåÉ=ë~åÇ

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ë~äí=~åÇ=éÉéëÉê=çÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

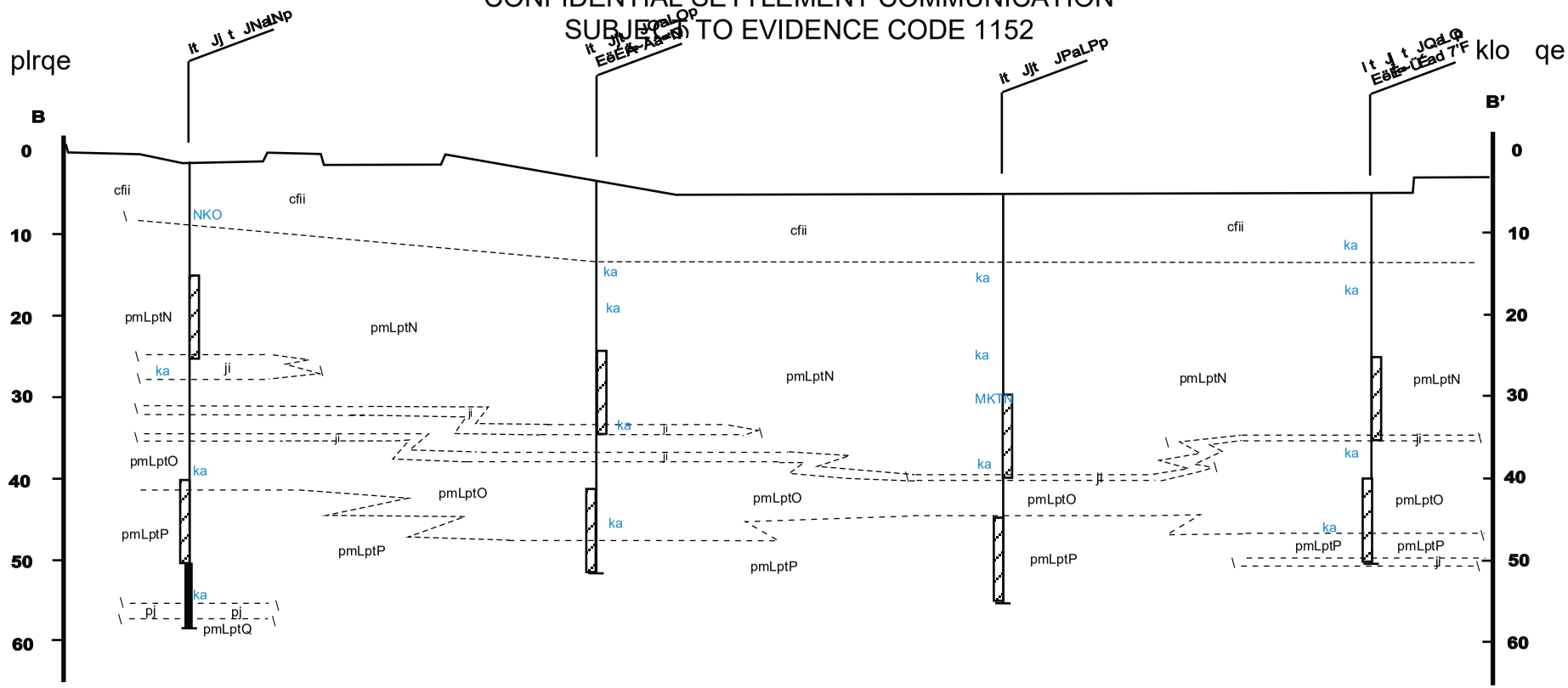
▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçïíÉê

▽ pÜ~ääçï=t~íÉê=ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E_2C Remediation RPMM=qçÇãÉêÉ=aêáîÉI=píÉK=NMR _~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW===ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **CROSS SECTION B - B'** **SOIL TCE**	**FIGURE** **5B**

DRAFT

CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

ji =J=páäíX=äáÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Âêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéä~ëíáÅ=ÑáåÉë

pm=J=mçççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX
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óÉääçï=Äêçïå=äÉåëÉë

pmLptO=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX
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íÉêó=ÑáåÉ=ë~åÇ

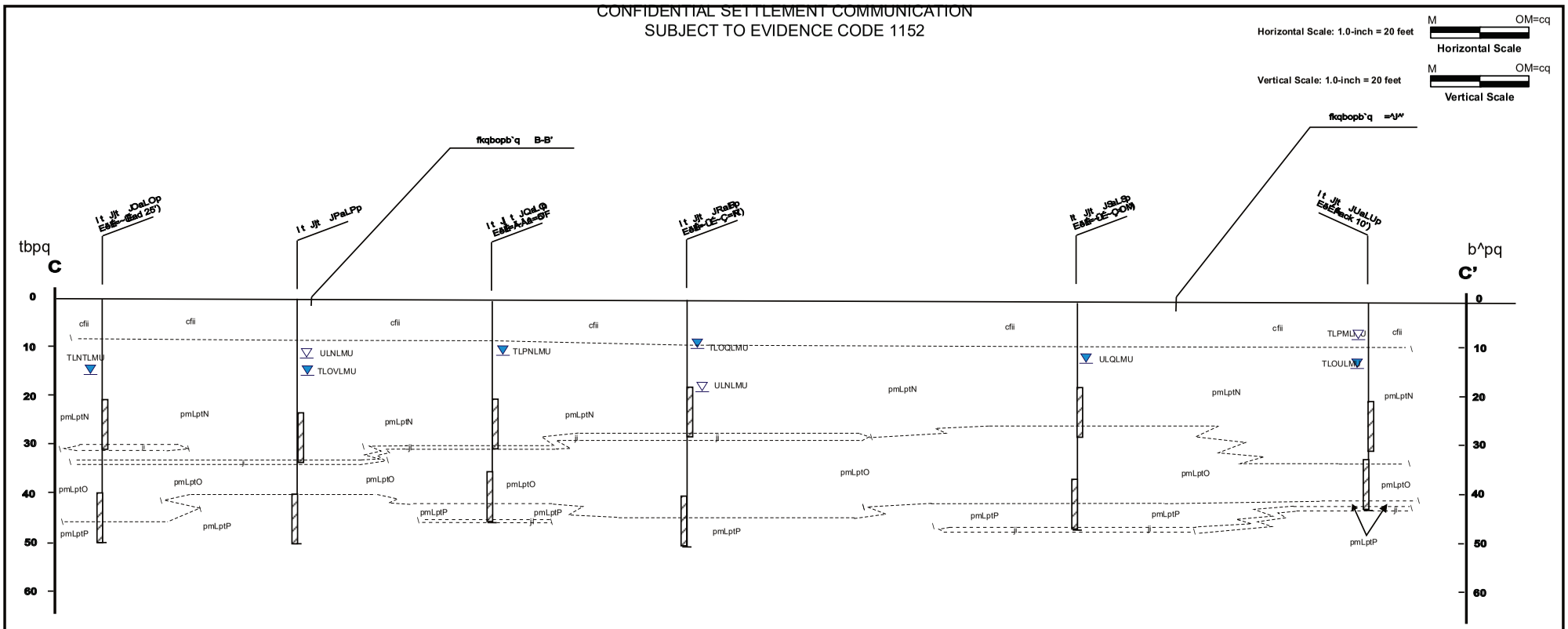
pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇ
ë~äí=~åÇ=éÉéëÉê=çÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçïíÉê

▽ pÜ~ääçï=t~íÉê=ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E_2C Remediation RPMM=qçÇãÉêÉ=aêáîÉI=píÉK=NMR _~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW===ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **CROSS SECTION B - B'** **SOIL cis-1,2-DCE**	**FIGURE** **5C**

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

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pj=J=páäíó=p~âÇX=êÉÇÇáëÜ=Öê~óX=ÖÉâÉê~ääó=ïÉêó=ÑáàÉ=ë~âÇëX=âçâJéä~ëíäÅ=ÑáàÉ

pm=J=mççêäóJdê~ÇÉÇ=p~âÇ

pt=J=t ÉääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=áà=Åçäçê=ïáíÜ=çÅÅ~ëáçà~ä=äçÇÉê~íÉ óÉääçï=Äêçïä=äÉâëÉë

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pmLptP=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX äáíÉêÄÉÇÇÉÇ=äÉâëÉë=çÑ=Öê~ó=~âÇ=çê~âÖÉJÄêçïä=ïáíÜ çÅÅ~ëáçà~ä=cÉJëí~áàáàÖX=çÅÅ~ëáçà~ä=äÉâëÉë=çÑ=êÉÇÇáëÜ=Äêçïäl ïÉêó=ÑáàÉ=ë~âÇ

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cáêëí=bàÅçìáíÉêÉÇ=pÜ~ääçïíÉê

pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E_2C Remediation
RPMM=tçÇãÉêÉ=aÉI=pìáíÉ=NMR
_~âÉêëÑáÉäÇI=VPPNP
mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

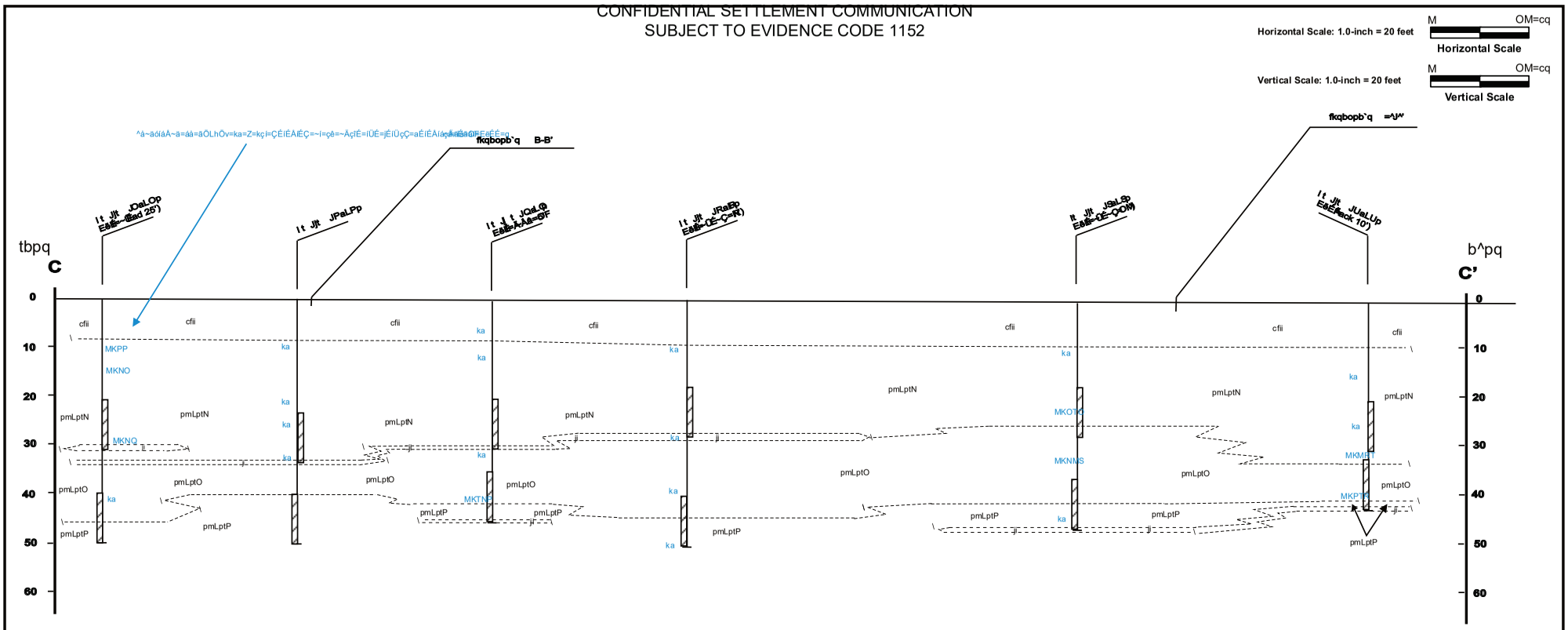
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION C - C'

FIGURE

6

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

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pj=J=páäíó=p~âÇX=êÉÇÇáëÜ=Öê~óX=ÖÉâÉê~ääó=ïÉêó=ÑáàÉ=ë~âÇëX=âçâJëä~ëíäÅ=ÑáàÉ

pm=J=mççêäóJdê~ÇÉÇ=p~âÇ

pt=J=t ÉääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=áà=Åçäçê=ïáíÜ=çÅÅ~ëáçà~ä=äçÇÉê~íÉ óÉääçï=Äêçïà=äÉâëÉë

pmLptO=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=äÉâëÉë=ïáíÜ=áàíÉêÄÉÇÇÉÇ=äçÇÉê~íÉ óÉääçï=Äêçïà=~âÇ=Öê~ó=äÉâëÉë

pmLptP=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX äáíÉêÄÉÇÇÉÇ=äÉâëÉë=çÑ=Öê~ó=~âÇ=çê~âÖÉJÄêçïà=ïáíÜ çÅÅ~ëáçà~ä=cÉJëí~áàáàÖX=çÅÅ~ëáçà~ä=äÉâëÉë=çÑ=êÉÇÇáëÜ=Äêçïàl ïÉêó=ÑáàÉ=ë~âÇ

pmLptQ=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ë~äí=~âÇ=éÉééÉê=äçÇÉê~íÉ=óÉääçï=Äêçïà=~âÇ=Öê~ó

cáêëí=bàÅçìàíÉêÉÇ=pÜ~ääçïí=ïÉê

pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E₂C Remediation
RPMM=tçÇäÉêÉ=aÅI=piáíÉ=NMR
_~âÉêëÑáÉäÇI=VPPNP
mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

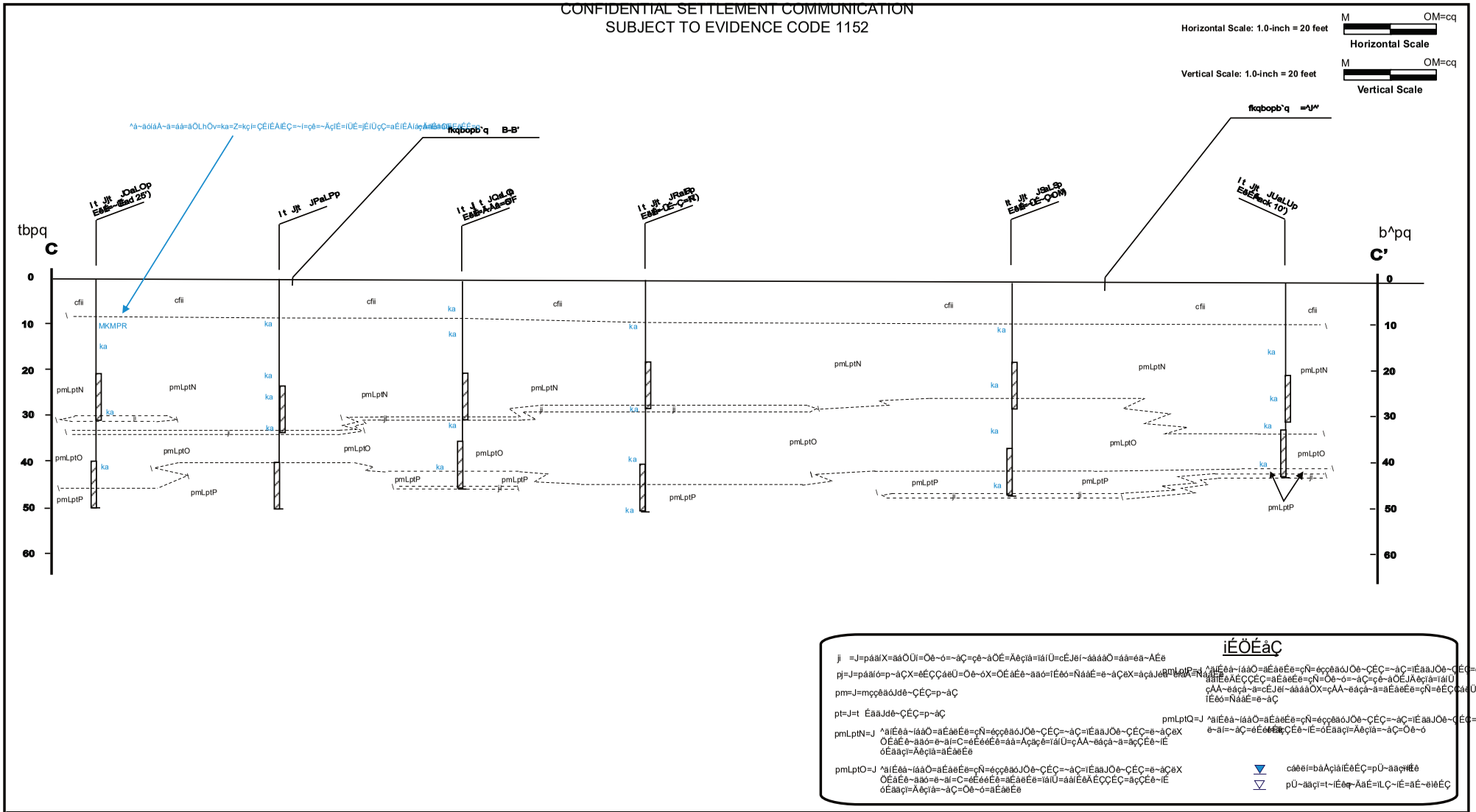
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION C - C'
SOIL PCE

FIGURE

6A

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



E$_2$C Remediation
RPMM=tçÇãÉêÉ=aÉI=piáíÉ=NMR
_~âÉêëÑáÉäÇI=VPPNP
mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

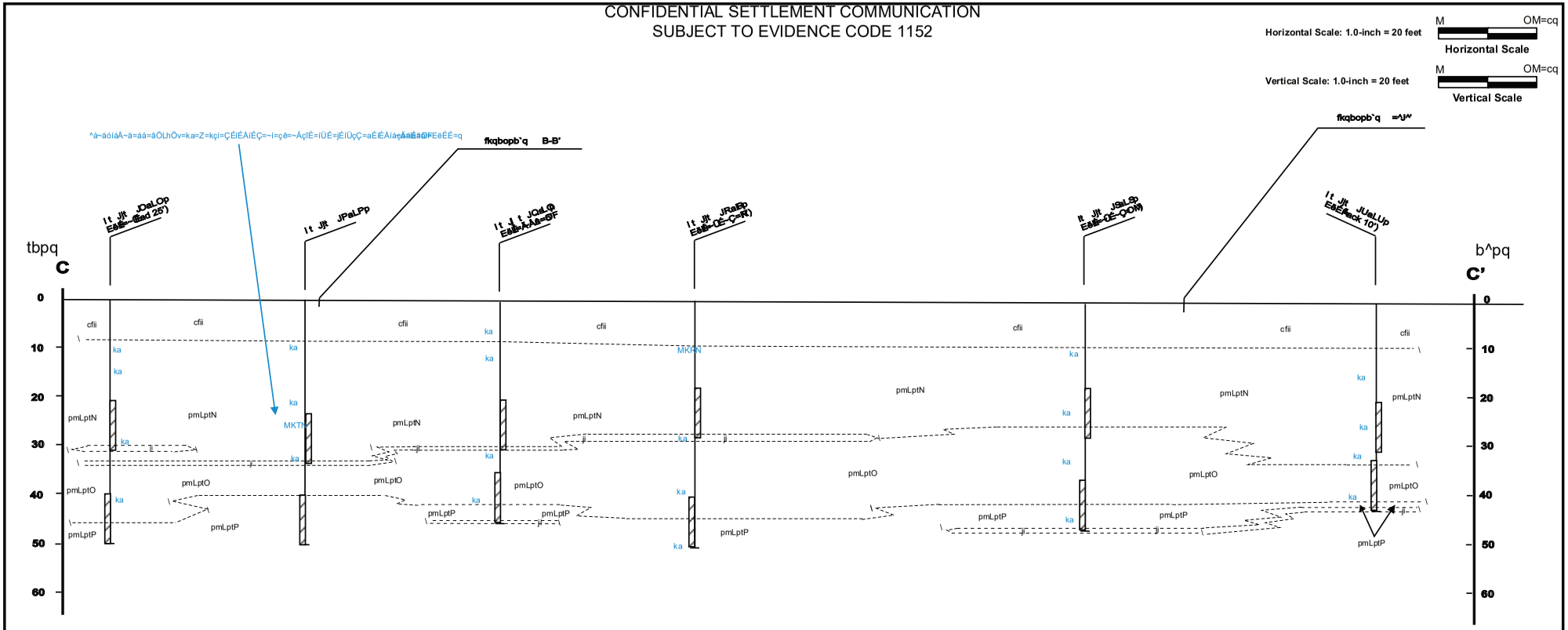
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION C - C'
SOIL TCE

FIGURE

6B

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

ji =J=páäíX=äáÖÜí=Öê~ó=~âÇ=çê~âÖÉ=Äêçïä=ïáíÜ=cÉJëí~áàáàÖ=áà=éä~ÅÉë

pj=J=páäíó=p~âÇX=êÉÇÇáëÜ=Öê~óX=ÖÉâÉê~ääó=ïÉêó=ÑáàÉ=ë~âÇëX=âçâJëä~ëíäÅ=ÑáàÉë

pm=J=mççêäóJdê~ÇÉÇ=p~âÇ

pt=J=t ÉääJdê~ÇÉÇ=p~âÇ

pmLptN=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=áà=Âçäçê=ïáíÜ=çÅÅ~ëáçà~ä=äçÇÉê~íÉ óÉääçï=Äêçïà=äÉâëÉë

pmLptO=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ÖÉâÉê~ääó=ë~äí=C=éÉééÉê=äÉâëÉë=ïáíÜ=áàíÉêÄÉÇÇÉÇ=äçÇÉê~íÉ óÉääçï=Äêçïà=~âÇ=Öê~ó=äÉâëÉë

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pmLptQ=J ^äíÉêâ~íáàÖ=äÉâëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~âÇ=ïÉääJÖê~ÇÉÇ=ë~âÇëX ë~äí=~âÇ=éÉééÉê=äçÇÉê~íÉ=óÉääçï=Äêçïà=~âÇ=Öê~ó

cáêëí=bàÅçìàíÉêÉÇ=pÜ~ääçïíÉê

pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=äÉ~ëìêÉÇ

E$_2$C Remediation
RPMM=tçÇçãÉêÉ=aÉI=piáíÉ=NMR
_~âÉêëÑáÉäÇI=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

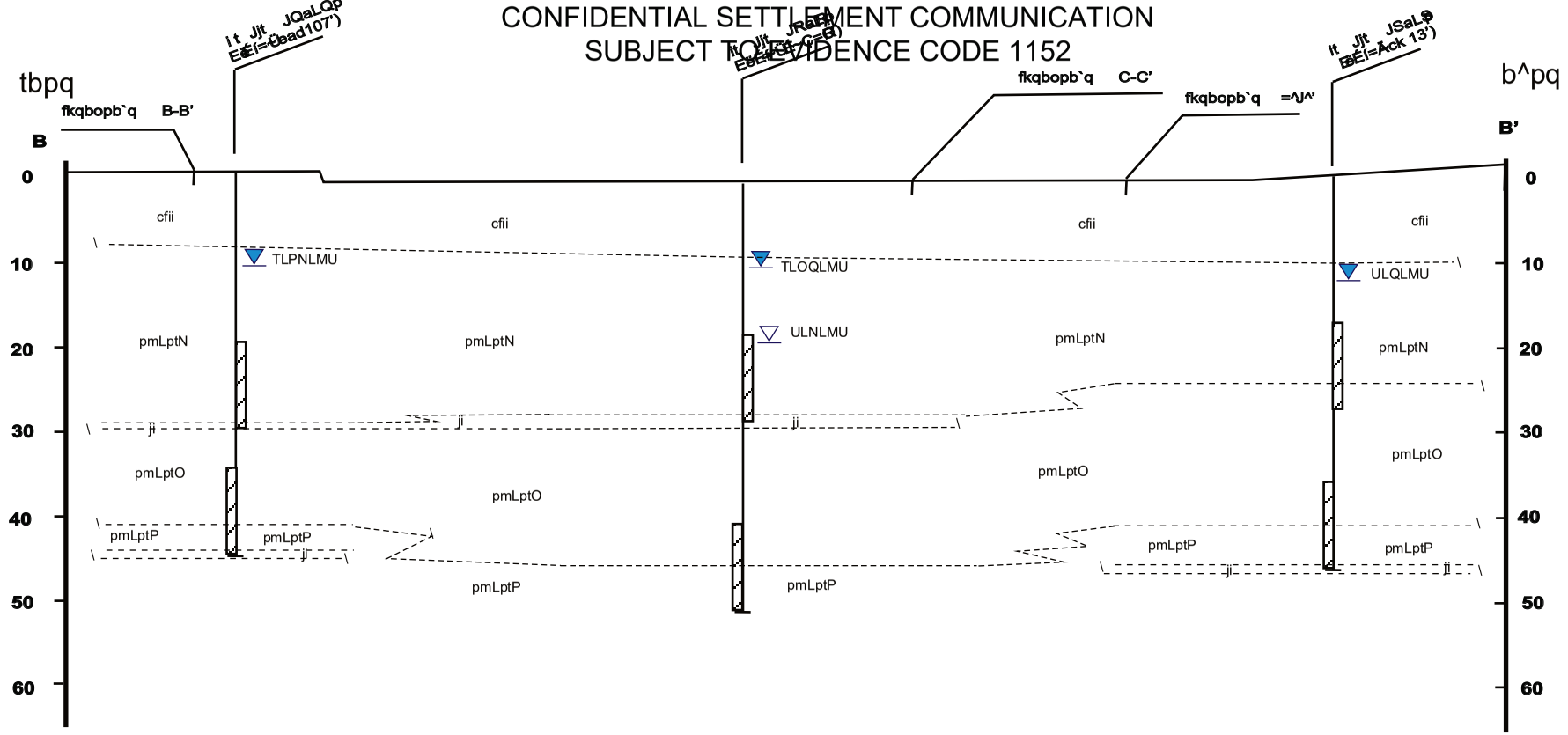
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION C - C'
SOIL cis-1,2-DCE

FIGURE

6C

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

ji =J=páäíX=ääÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Äêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéä~ëíåÅ=ÑáåÉë

pm=J=mççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=áå=Åçäçê=ïáíÜ=çÅÅ~ëáçå~ä=ãçÇÉê~íÉ óÉääçï=Äêçïå=äÉåëÉë

pmLptO=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=äÉåëÉë=ïáíÜ=áåíÉêÄÉÇÇÉÇ=ãçÇÉê~íÉ óÉääçï=Äêçïå=~åÇ=Öê~ó=äÉåëÉë

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pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇ ë~äí=~åÇ=éÉééÉê=ãçÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçï=îÉê

▽ pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=ãÉ~ëìêÉÇ

E$_2$C Remediation

RPMM=tçÇãÉêÉ=aêáîÉI=píÉK=NMR
_~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW===ESSNF=UPNJSOPQ

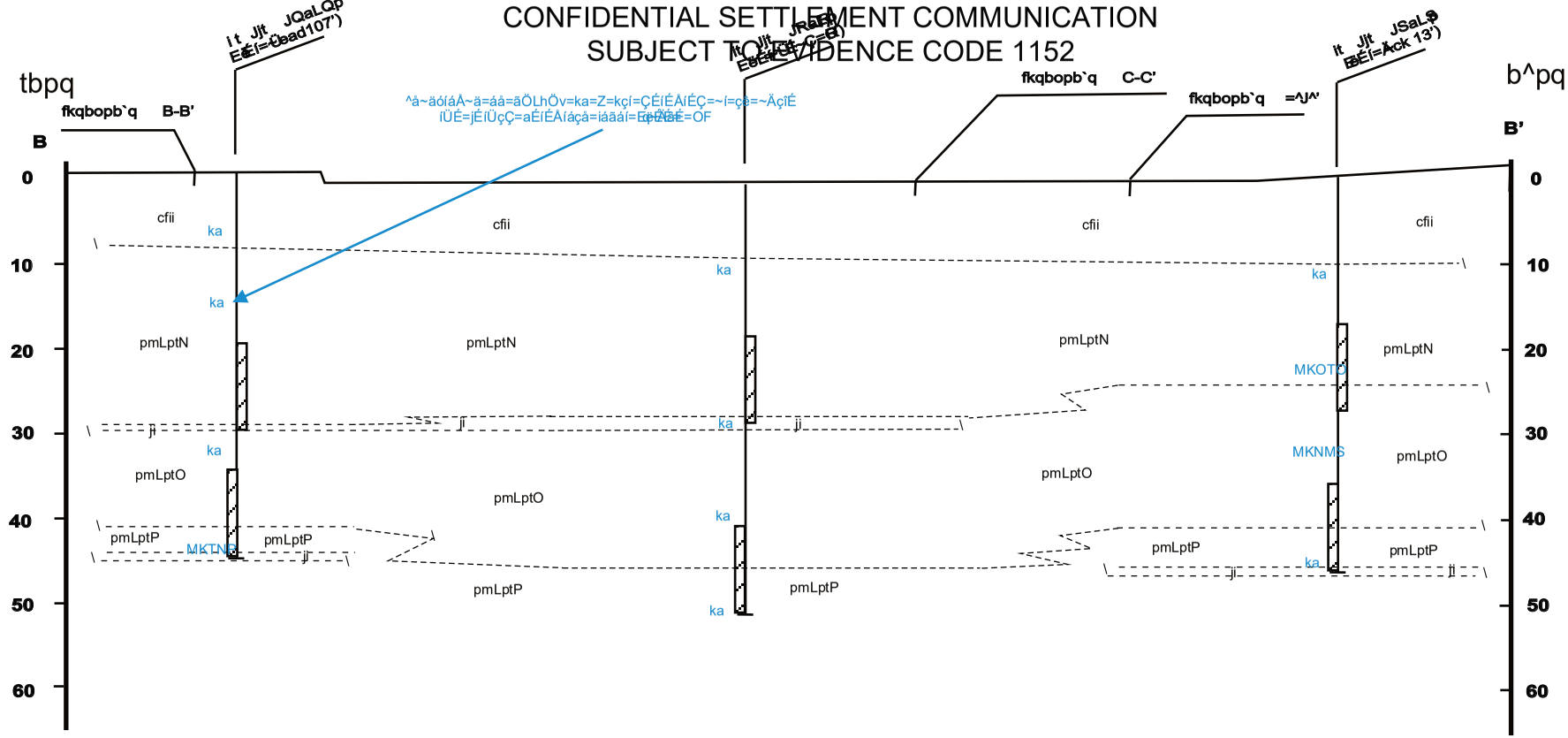
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION D - D'

FIGURE

7

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

ji =J=páäíX=ääÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Äêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéå~ëíåÅ=ÑáåÉë

pm=J=mççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=áå=Åçäçê=ïáíÜ=çÅÅ~ëáçå~ä=ãçÇÉê~íÉ óÉääçï=Äêçïå=äÉåëÉë

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pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇ ë~äí=~åÇ=éÉééÉê=ãçÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçï=íÉê

▽ pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=ãÉ~ëìêÉÇ

E₂C Remediation

RPMM=tçÇãÉêÉ=aêáîÉI=píÉK=NMR
_~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW===ESSNF=UPNJSOPQ

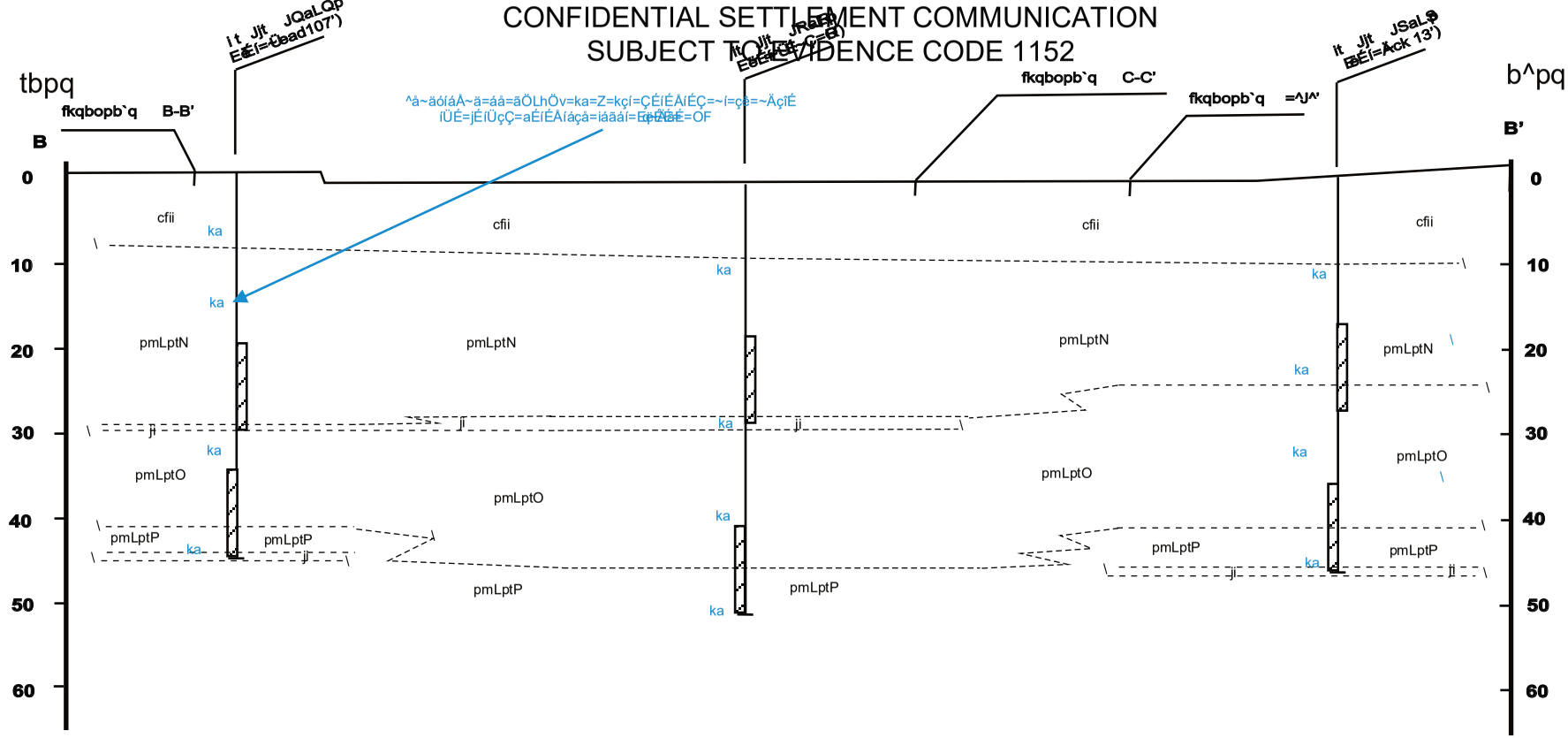
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION D - D'
SOIL PCE

FIGURE

7A

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

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pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéä~ëíåÅ=ÑáåÉë

pm=J=mççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=áå=Åçäçê=ïáíÜ=çÅÅ~ëáçå~ä=ãçÇÉê~íÉ óÉääçï=Äêçïå=äÉåëÉë

pmLptO=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=äÉåëÉë=ïáíÜ=áåíÉêÄÉÇÇÉÇ=ãçÇÉê~íÉ óÉääçï=Äêçïå=~åÇ=Öê~ó=äÉåëÉë

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pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇ ë~äí=~åÇ=éÉééÉê=ãçÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçï=íÉê

▽ pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=ãÉ~ëìêÉÇ

E_2C Remediation

RPMM=tçÇãÉêÉ=aêáîÉI=píÉK=NMR
_~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW===ESSNF=UPNJSOPQ

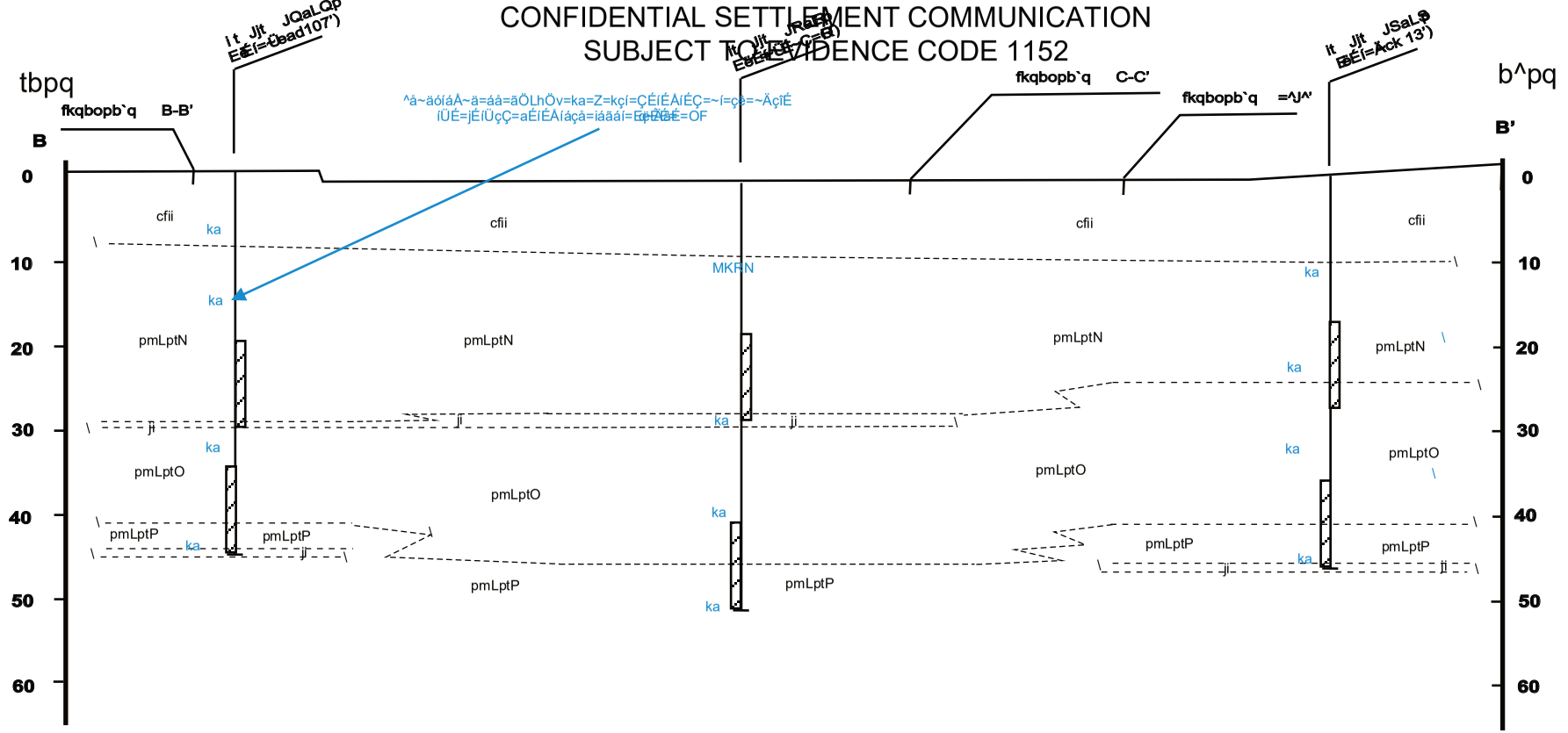
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION D - D'
SOIL TCE

FIGURE

7B

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



iÉÖÉåÇ

ji =J=páäíX=ääÖÜí=Öê~ó=~åÇ=çê~åÖÉ=Äêçïå=ïáíÜ=cÉJëí~áåáåÖ=áå=éä~ÅÉë

pj=J=páäíó=p~åÇX=êÉÇÇáëÜ=Öê~óX=ÖÉåÉê~ääó=îÉêó=ÑáåÉ=ë~åÇëX=åçåJéä~ëíåÅ=ÑáåÉë

pm=J=mççêäóJdê~ÇÉÇ=p~åÇ

pt=J=t ÉääJdê~ÇÉÇ=p~åÇ

pmLptN=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=áå=Åçäçê=ïáíÜ=çÅÅ~ëáçå~ä=ãçÇÉê~íÉ óÉääçï=Äêçïå=äÉåëÉë

pmLptO=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇëX ÖÉåÉê~ääó=ë~äí=C=éÉééÉê=äÉåëÉë=ïáíÜ=áåíÉêÄÉÇÇÉÇ=ãçÇÉê~íÉ óÉääçï=Äêçïå=~åÇ=Öê~ó=äÉåëÉë

pmLptP=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇë ääíÉêÄÉÇÇÉÇ=äÉåëÉë=çÑ=Öê~ó=~åÇ=çê~åÖÉJÄêçïå=ïáíÜ çÅÅ~ëáçå~ä=cÉJëí~áåáåÖX=çÅÅ~ëáçå~ä=äÉåëÉë=çÑ=êÉÇÇáëÜ=Äêçï îÉêó=ÑáåÉ=ë~åÇ

pmLptQ=J ^äíÉêå~íáåÖ=äÉåëÉë=çÑ=éççêäóJÖê~ÇÉÇ=~åÇ=ïÉääJÖê~ÇÉÇ=ë~åÇ ë~äí=~åÇ=éÉééÉê=ãçÇÉê~íÉ=óÉääçï=Äêçïå=~åÇ=Öê~ó

▼ cáêëí=båÅçìåíÉêÉÇ=pÜ~ääçï=íÉê

▽ pÜ~ääçï=t~íÉêq~ÄäÉ=ïLÇ~íÉ=ãÉ~ëìêÉÇ

E$_2$C Remediation

RPMM=tçÇãÉêÉ=aêáîÉI=píÉK=NMR
_~âÉêëÑáÉäÇI=`~ääÑçêåá~=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW===ESSNF=UPNJSOPQ

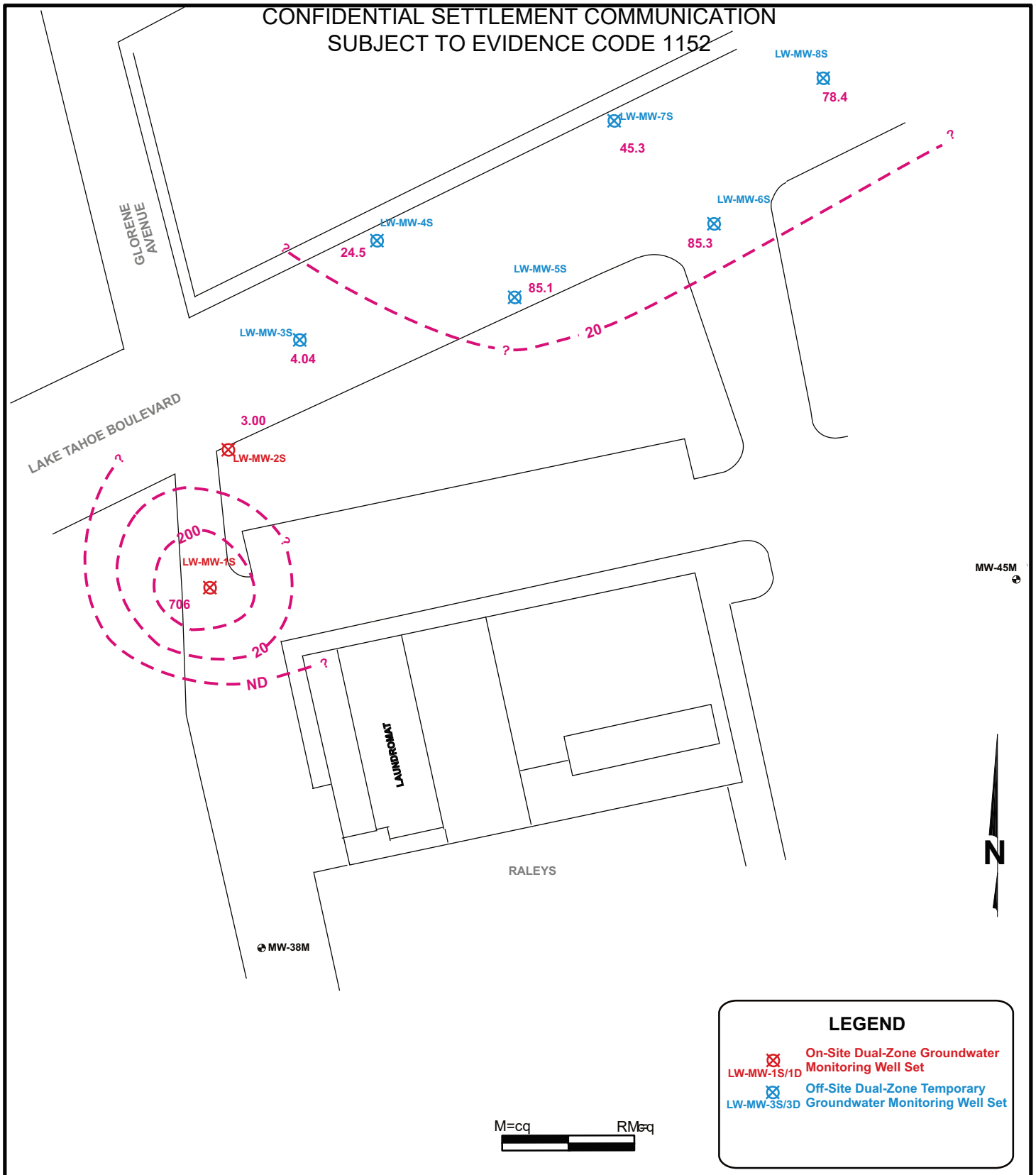
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

CROSS SECTION D - D'
SOIL cis-1,2-DCE

FIGURE

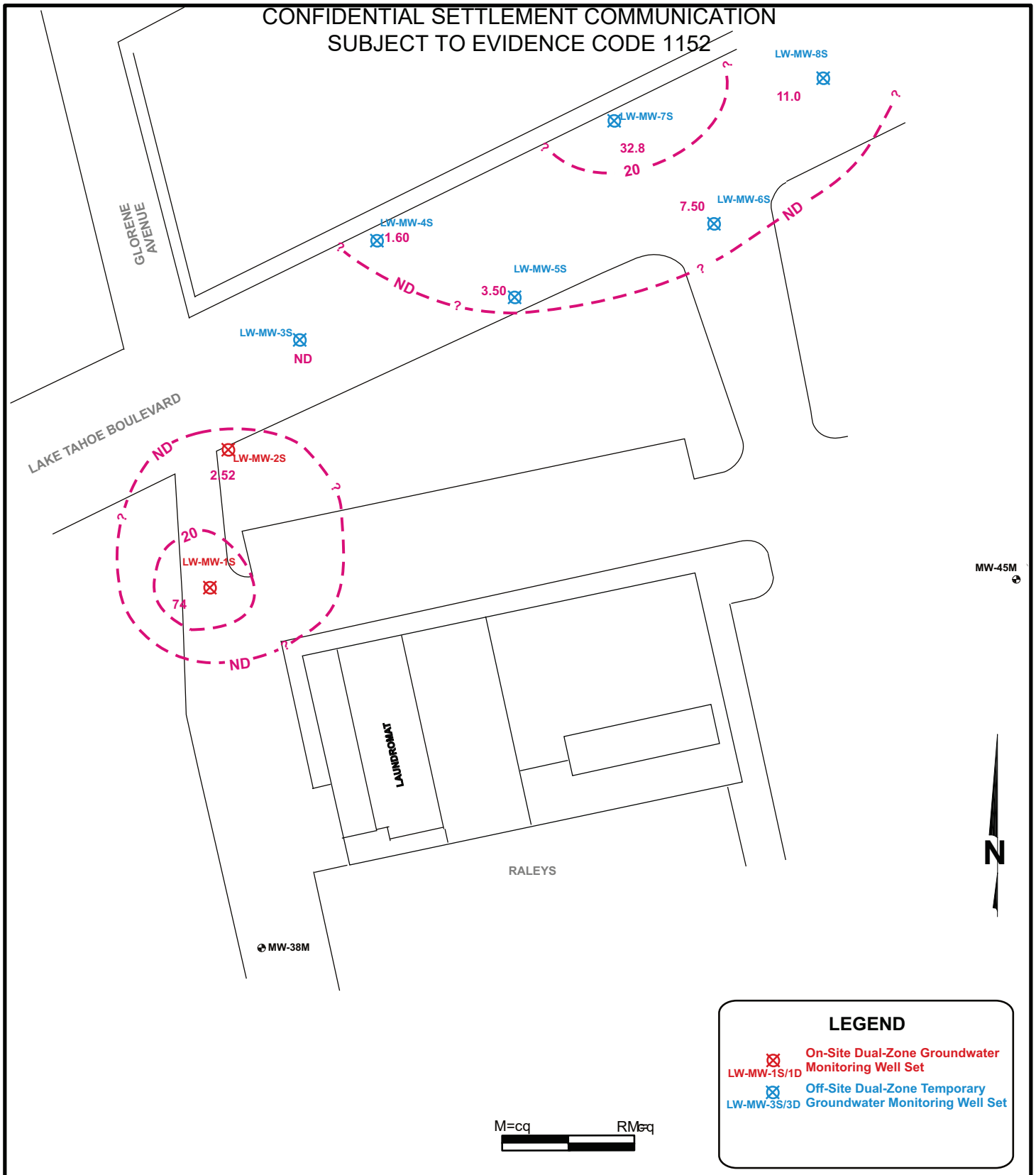
7C

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



E_2C Remediation RPMM=ţçÇãÉêÉ=aÉI=pìáíÉ=NMR _~âÉêëÑáÉäÇI=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW=====ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **SZA PCE** **ISOCONCENTRATION PLOT**	**FIGURE** **8A**

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



E₂C Remediation

RPMM=ţçÇãÉêÉ=aÉ=pìáíÉ=NMR
_~âÉêëÑáÉäÇ=VPPNP

mÜçåÉW=ESSNF=UPNJSVMS
c~ñW=====ESSNF=UPNJSOPQ

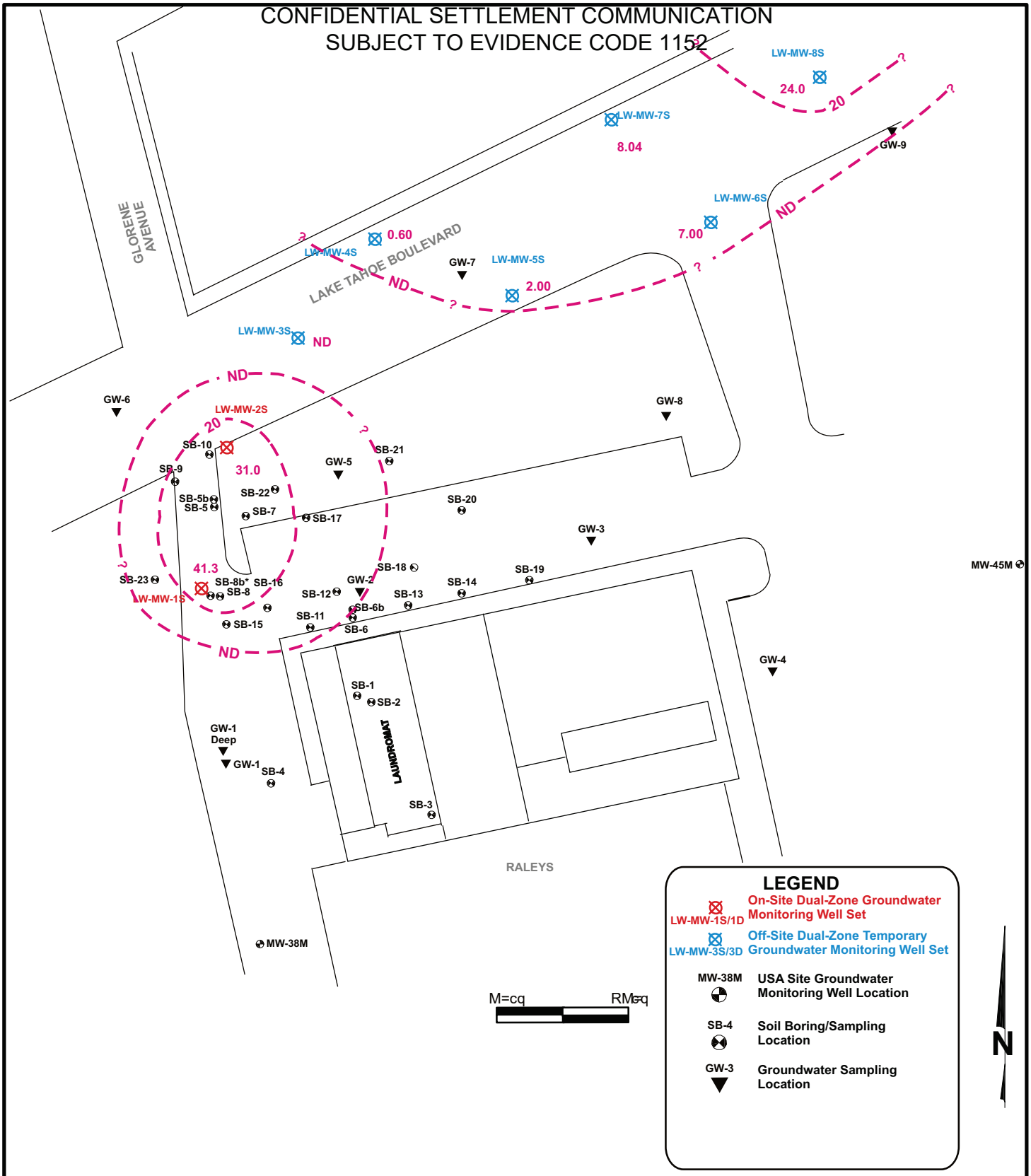
LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

SZA TCE
ISOCONCENTRATION PLOT

FIGURE

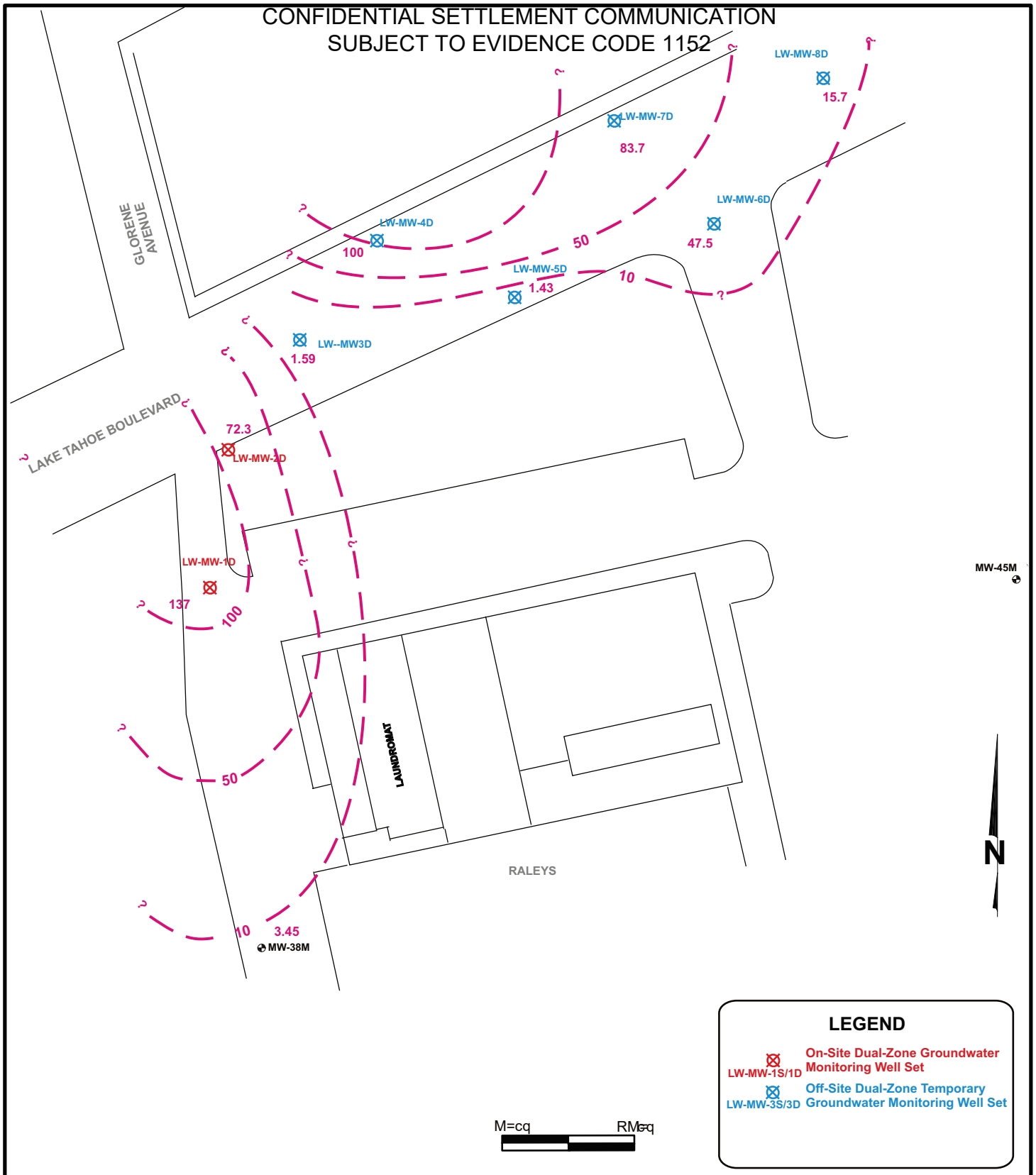
8B

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



E$_2$C Remediation RPMM=ţçÇãÉêÉ=aK=pìáíÉ=NMR _~âÉêëÑáÉäÇI=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW=====ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **SZA cis-1,2-DCE ISOCONCENTRATION PLOT**	**FIGURE** **8C**

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152



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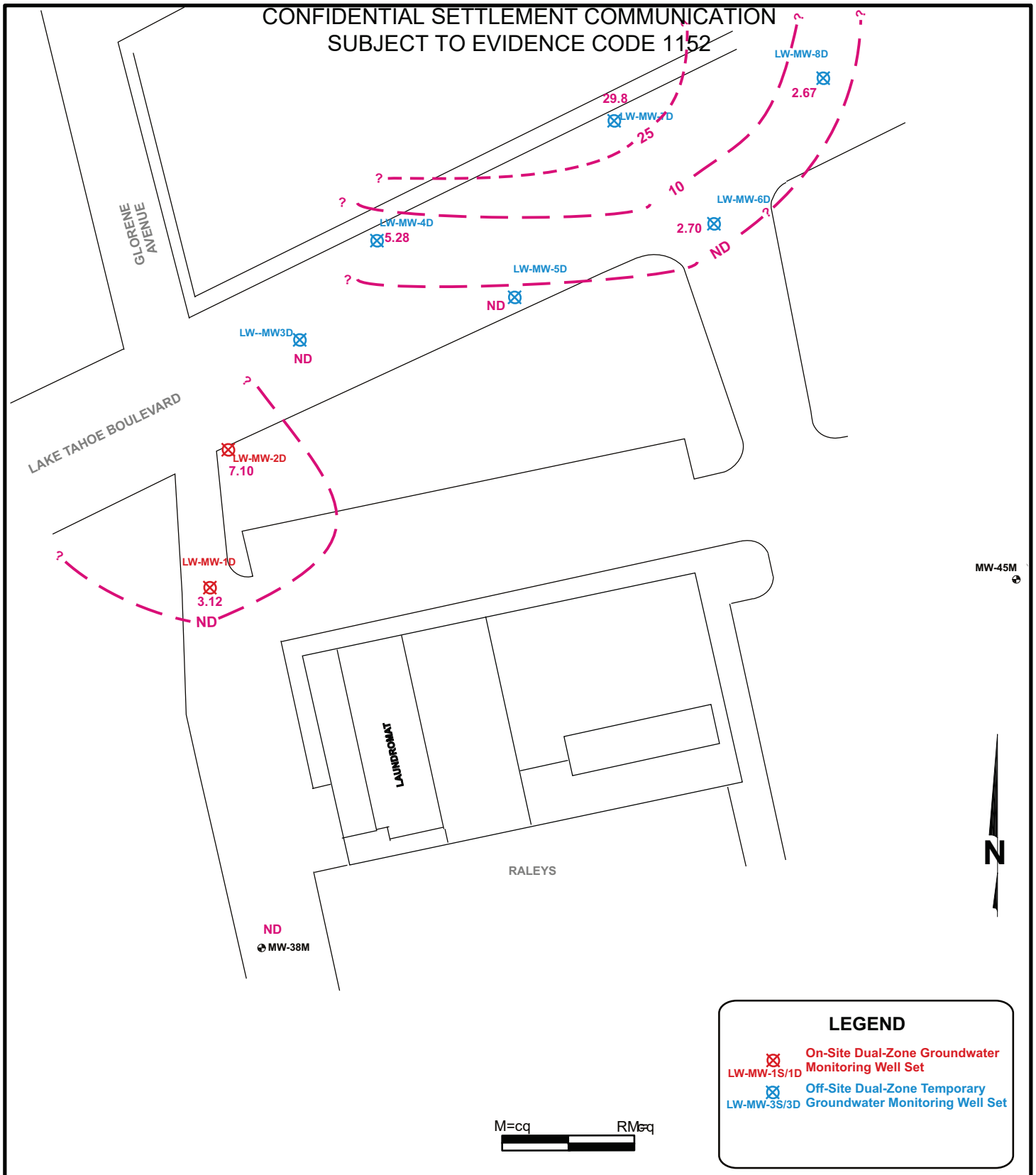

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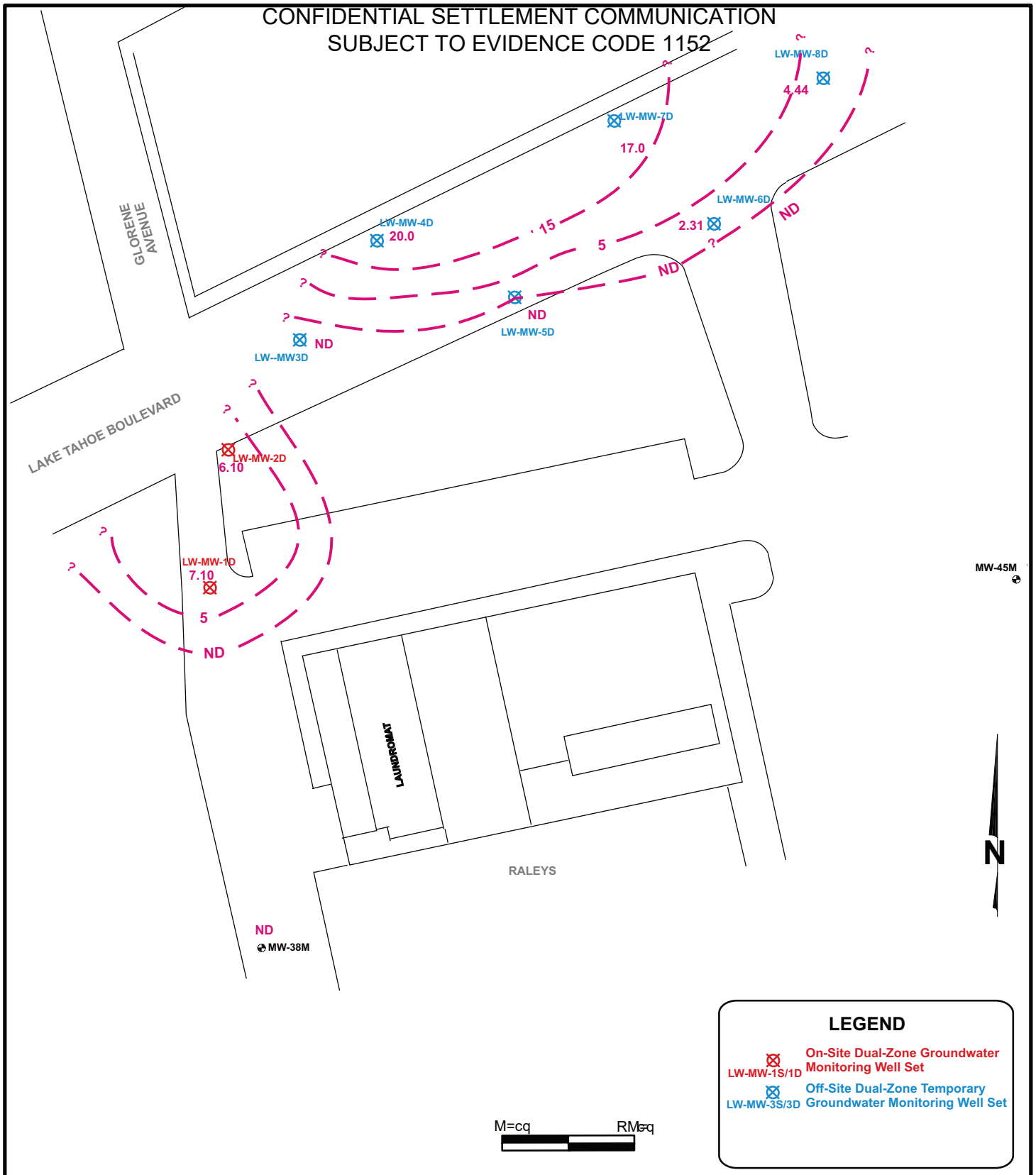

E_2C Remediation RPMM=tçÇãÉêÉ=aKI=pìáíÉ=NMR _~âÉêëÑáÉäÇI=VPPNP mÜçåÉW=ESSNF=UPNJSVMS c~ñW=====ESSNF=UPNJSOPQ	**LAKE TAHOE LAUNDRY WORKS** **1024 LAKE TAHOE BOULEVARD** **SOUTH LAKE TAHOE, CALIFORNIA** **MZA cis-1,2-DCE** **ISOCONCENTRATION PLOT**	**FIGURE** **9C**

TABLES

Table 1A Summary of Site Investigation Groundwater Monitoring Data

Table 1B Comparison of Groundwater Elevation Data

Table 1C Summary of Site Investigation SZA Groundwater Analytical Data

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Table 3 Summary of Well Construction Details

Table 4 Summary of Flow Cell Monitoring Data – September 14, 2008

TABLE 1A
SUMMARY OF SITE INVESTIGATION GROUNDWATER MONITORING DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

	GW Elevation Data 8/13-14/08			GW Analytical Data 8/13-14/08										
Well ID	TOC Elevation (feet rel.)	Depth to GW (feet BTOC)	GW Elevation (feet rel.)	PCE	TCE	VC	CA	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	Cis-1,2-DCE	1,2-DCA	1,1,1-TCA
				(µg/L)										
LW-MW-1S	6,268.86	13.25	6,255.61	706	74.0	nd<0.50	nd<0.50	1.25	nd<0.50	0.727	nd<0.50	41.3	nd<0.50	nd<0.50
LW-MW-1D	6,268.81	20.42	6,248.39	137	3.12	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	7.10	nd<0.50	nd<0.50
LW-MW-2S	6,268.71	15.28	6,253.43	3.60	2.52	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	31.0	nd<0.50	nd<0
LW-MW-2D	6,268.65	23.32	6,245.33	72.3	7.10	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	6.10	nd<0.50	nd<0
LW-MW-3S	6,268.07	13.91	6,254.16	4.04	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.5
LW-MW-3D	6,267.99	33.35	6,234.64	1.59	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
LW-MW-4S	6,266.47	17.85	6,248.62	24.5	1.60	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	0.60	nd<0.50	nd<0
LW-MW-4D	6,266.87	17.78	6,249.09	100	5.28	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	20.0	nd<0.50	nd<0
LW-MW-5S	6,266.78	12.53	6,254.25	85.1	3.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	2.00	nd<0.50	nd<0
LW-MW-5D	6,266.62	20.89	6,245.73	1.43	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.
LW-MW-6S	6,266.49	11.94	6,254.55	85.3	7.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	7.00	nd<0.50	nd<0
LW-MW-6D	6,266.59	12.29	6,254.30	47.5	2.70	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	2.31	nd<0.50	nd<0.5
LW-MW-7S	6,266.65	11.23	6,255.42	45.3	32.8	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	8.04	nd<0.50	nd<0
LW-MW-7D	6,266.61	15.67	6,250.94	83.7	29.8	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	17.0	nd<0.50	nd<0
LW-MW-8S	6,266.43	18.27	6,248.16	78.4	11.0	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	24.0	nd<0.50	nd<0.5
LW-MW-8D	6,266.65	13.97	6,252.68	15.7	2.67	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	4.44	nd<0.50	nd<0
duplicate				26.2	1.35	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	5.68	nd<0.50	nd<0.50
MW-38M	6,269.06	22.66	6,246.40	3.45	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50

Notes:

µg/L = micrograms per liter (equivalent to parts per billion, or ppb)

1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
1,1,1-TCA = 1,1,1-Trichloroethane
BTOC = Below Top of Casing
CA = Chloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
DCE = 1,2-Dichloroethylene
feet rel = TOC Elevation in feet relative
GW = Groundwater
MC = Methylene Chloride
MDL = Method detection limit
nd< = Not detected at or above the MDL (indicated by value)
PCE = Tetrachloroethylene (a.k.a. perchloroethylene)
TCE = Trichloroethylene
TOC = Top of Casing
Trans-1,2-DCE = Trans-1,2-Dichloroethene
VC = Vinyl Chloride

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TABLE 1B
COMPARISON OF GROUNDWATER ELEVATION DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

GW Elevation Data					
Well ID	Date Monitored (month/day/year)	TOC Elevation (feet rel)	Depth to GW (feet BTOC)	GW Elevation (feet rel)	GW Elevation Change (feet)
Shallow Zone Aquifer (SZA)					
LW-MW-1S	8/1/08	6,268.86	13.00	6,255.86	
	8/13/08		13.25	6,255.61	-0.25
	9/9/08		13.89	6,254.97	-0.64
	9/14/08		13.85	6,255.01	0.04
LW-MW-2S	7/25/08	6,268.71	12.20	6,256.51	
	8/13/08		15.28	6,253.43	-3.08
	9/9/08		14.99	6,253.72	0.29
	9/14/08		15.19	6,253.52	-0.20
LW-MW-3S	8/1/08	6,268.07	13.76	6,254.31	
	8/13/08		13.91	6,254.16	-0.15
	9/9/08		14.48	6,253.59	-0.57
	9/14/08		14.71	6,253.36	-0.23
LW-MW-4S	8/7/08	6,266.47	15.88	6,250.59	
	8/13/08		17.85	6,248.62	-1.97
	9/9/08		11.90	6,254.57	5.95
	9/14/08		12.08	6,254.39	-0.18
LW-MW-5S	8/1/08	6,266.78	10.25	6,256.53	
	8/13/08		12.53	6,254.25	-2.28
	9/9/08		14.04	6,252.74	-1.51
	9/14/08		14.08	6,252.70	-0.04
LW-MW-6S	8/13/08	6,266.49	11.94	6,254.55	
	9/9/08		11.55	6,254.94	0.39
	9/14/08		11.46	6,255.03	0.09
LW-MW-7S	8/7/08	6,266.65	11.43	6,255.22	
	8/13/08		11.23	6,255.42	0.20
	9/9/08		11.52	6,255.13	-0.29
	9/14/08		11.92	6,254.73	-0.40

TABLE 1B
COMPARISON OF GROUNDWATER ELEVATION DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

GW Elevation Data					
Well ID	Date Monitored (month/day/year)	TOC Elevation (feet rel)	Depth to GW (feet BTOC)	GW Elevation (feet rel)	GW Elevation Change (feet)
LW-MW-8S	7/30/08	6,266.43	12.50	6,253.93	
	8/13/08		18.27	6,248.16	-5.77
	9/9/08		12.02	6,254.41	6.25
	9/14/08		12.25	6,254.18	-0.23
Middle Zone Aquifer (MZA)					
LW-MW-1D	8/1/08	6,268.81	20.31	6,248.50	
	8/13/08		20.42	6,248.39	-0.11
	9/9/08		20.70	6,248.11	-0.28
	9/14/08		22.94	6,245.87	-2.24
LW-MW-2D	7/25/08	6,268.65	19.80	6,248.85	
	8/13/08		23.32	6,245.33	-3.52
	9/9/08		21.28	6,247.37	2.04
	9/14/08		21.56	6,247.09	-0.28
LW-MW-3D	8/1/08	6,267.99	22.95	6,245.04	
	8/13/08		33.35	6,234.64	-10.40
	9/9/08		22.40	6,245.59	10.95
	9/14/08		22.01	6,245.98	0.39
LW-MW-4D	8/7/08	6,266.87	18.42	6,248.45	
	8/13/08		17.78	6,249.09	0.64
	9/9/08		18.22	6,248.65	-0.44
	9/14/08		18.53	6,248.34	-0.31
LW-MW-5D	8/1/08	6,266.62	18.61	6,248.01	
	8/13/08		20.89	6,245.73	-2.28
	9/9/08		21.22	6,245.40	-0.33
	9/14/08		21.44	6,245.18	-0.22
LW-MW-6D	8/13/08	6,266.59	11.61	6,254.98	
	9/9/08		12.29	6,254.30	-0.68
	9/14/08		12.52	6,254.07	-0.23

TABLE 1B
COMPARISON OF GROUNDWATER ELEVATION DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

GW Elevation Data					
Well ID	Date Monitored (month/day/year)	TOC Elevation (feet rel)	Depth to GW (feet BTOC)	GW Elevation (feet rel)	GW Elevation Change (feet)
LW-MW-7D	8/7/08	6,266.61	15.69	6,250.92	
	8/13/08		15.67	6,250.94	0.02
	9/9/08		15.82	6,250.79	-0.15
	9/14/08		16.08	6,250.53	-0.26
LW-MW-8D	7/30/08	6,266.65	12.50	6,254.15	
	8/13/08		13.97	6,252.68	-1.47
	9/9/08		13.95	6,252.70	0.02
	9/14/08		14.16	6,252.49	-0.21
MW-38M	8/13/08	6,269.06	22.66	6,246.40	
	9/9/08		22.91	6,246.15	-0.25
	9/14/08		23.15	6,245.91	-0.24

Notes:
BTOC = Below Top of Casing
feet rel. = feet above Mean Sea Level relative to TOC elevation at MW-38M
gw = Groundwater
TOC Elevation = Top of casing elevation

TABLE 1C
SUMMARY OF SHALLOW ZONE GROUNDWATER MONITORING ANALYTICAL DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Well ID	GW Analytical Data										
	PCE	TCE	VC	CA	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	Cis-1,2-DCE	1,2-DCA	1,1,1-TCA
	(µg/L)										
LW-MW-1S	705	74.0	nd<0.50	nd<0.50	1.25	nd<0.50	0.727	nd<0.50	41.3	nd<0.50	nd<0.50
LW-MW-2S	3.00	2.52	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	31.0	nd<0.50	nd<0.50
LW-MW-3S	4.04	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
LW-MW-4S	24.5	1.60	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	0.60	nd<0.50	nd<0.50
LW-MW-5S	85.1	3.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	2.00	nd<0.50	nd<0.50
LW-MW-6S	85.3	7.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	7.00	nd<0.50	nd<0.50
LW-MW-7S	45.3	32.8	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	8.04	nd<0.50	nd<0.50
LW-MW-8S	78.4	11.0	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	24.0	nd<0.50	nd<0.50

Notes:

µg/L = micrograms per liter (equivalent to parts per billion, or ppb)

1,1-DCE = 1,1-D DCE = 1,2-Dichloroethylene
1,2-DCA = 1,2-D feet rel = TOC Elevation in feet relative
1,1,1-TCA = 1,1, GW = Groundwater
BTOC = Below T MC = Methylene Chloride
CA = Chloroetha MDL = Method detection limit
cis-1,2-DCE = cis nd< = Not detected at or above the MDL (indicated by value)
PCE = Tetrachloroethylene (a.k.a. perchloroethylene)
TCE = Trichloroethylene
TOC = Top of Casing
Trans-1,2-DCE = Trans-1,2-Dichloroethene
VC = Vinyl Chloride

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TABLE 1D
SUMMARY OF MIDDLE ZONE GROUNDWATER MONITORING ANALYTICAL DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Well ID	GW Analytical Data										
	PCE	TCE	VC	CA	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	Cis-1,2-DCE	1,2-DCA	1,1,1-TCA
	(µg/L)										
LW-MW-1D	137	3.12	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	7.10	nd<0.50	nd<0.50
LW-MW-2D	72.3	7.10	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	6.10	nd<0.50	nd<0.50
LW-MW-3D	1.59	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
LW-MW-4D	100	5.28	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	20.0	nd<0.50	nd<0.50
LW-MW-5D	1.43	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
LW-MW-6D	47.5	2.70	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	2.31	nd<0.50	nd<0.50
LW-MW-7D	83.7	29.8	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	17.0	nd<0.50	nd<0.50
LW-MW-8D	15.7	2.67	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	4.44	nd<0.50	nd<0.50
duplicate	26.2	1.35	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	5.68	nd<0.50	nd<0.50
MW-38M	3.45	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50

Notes:

µg/L = micrograms per liter (equivalent to parts per billion, or ppb)

1,1-DCE = 1,1-Di DCE = 1,2-Dichloroethylene
1,2-DCA = 1,2-Di feet rel = TOC Elevation in feet relative
1,1,1-TCA = 1,1, GW = Groundwater
BTOC = Below T MC = Methylene Chloride
CA = Chloroetha MDL = Method detection limit
cis-1,2-DCE = ci nd< = Not dete cted at or above the MDL (indicated by value)

PCE = Tetrachloroethylene (a.k.a. perchloroethylene)
TCE = Trichloroethylene
TOC = Top of Casing
Trans-1,2-DCE = Trans-1,2-Dichloroethene
VC = Vinyl Chloride

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TABLE 2
SUMMARY OF SITE INVESTIGATION SOIL ANALYTICAL DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Sample Name	Sample Date	Sample Depth (bgs)	PCE	TCE	VC	CA	1,1-DCE	Trans-1,2-DCE	1,1-DCA	Cis-1,2-DCE	1,2-DCA	1,1,1-TCA
			(mg/Kg)									
Friedman & Bruya and ProVera Results												
LW-MW-1-7(FB)	7/11/08	7.0	410	17	<.05	<.5	<.05	<.05	<.05	1.2	<.05	<.05
LW-MW-1-7(PV)			532	13.9	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050
LW-MW-1-26(FB)	7/11/08	26.0	0.26	<.03	<.05	<.5	<.05	<.05	<.05	<.05	<.05	<.05
LW-MW-1-26(PV)			0.132	<0.100	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050
LW-MW-1-38(FB)	7/14/08	38.0	0.33	<.03	<.05	<.5	<.05	<.05	<.05	<.05	<.05	<.05
LW-MW-1-38(PV)			0.27	<0.100	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050
LW-MW-1-52.5(PV)	7/14/08	52.5	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-2-10(FB)	7/17/08	10.0	0.33	0.035	<.05	<.5	<.05	<.05	<.05	<.05	<.05	<.05
LW-MW-2-10(PV)			0.266	<0.100	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050	<0..050
LW-MW-2-16(FB)	7/17/08	16.0	0.12	<.03	<.05	<.5	<.05	<.05	<.05	<.05	<.05	<.05
LW-MW-2-16(PV)			0.086	<0.100	<0..050	<0..050	<0..050	0.126	<0..050	<0..050	<0..050	<0..050
LW-MW-2-31(FB)	7/24/08	31.0	0.14	<.03	<.05	<.5	<.05	<.05	<.05	<.05	<.05	<.05
LW-MW-2-31(PV)			0.112	<0.100	<0..050	<0..050	<0..050	0.125	<0..050	<0..050	<0..050	<0..050
LW-MW-2-43(PV)	7/24/08	43.0	<0.05	<0.1	<0.05	<0.05	<0.05	0.125	<0.05	<0.5	<0.05	<0.05
ProVera Results												
LW-MW-3-11	7/29/08	11.0	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-3-20	7/29/08	20.0	<0.05	<0.1	<0.05	<0.05	<0.05	0.123	<0.05	<0.5	0.19	<0.05
LW-MW-3-25	7/29/08	25.0	<0.05	<0.1	0.053	<0.05	<0.05	<0.05	<0.05	0.71	<0.05	<0.05
LW-MW-3-34	7/30/08	34.0	<0.05	<0.1	<0.05	<0.05	<0.05	0.12	<0.05	<0.5	<0.05	<0.05
LW-MW-4-5.5	7/31/08	5.5	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-4-15	7/31/08	15.0	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-4-36.5	8/6/08	36.5	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-4-45.5	8/6/08	45.5	0.713	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-5-10	7/24/08	10.0	<0.05	<0.1	<0.05	<0.05	<0.05	0.108	<0.05	0.51	<0.05	<0.05
LW-MW-5-30	7/24/08	30.0	<0.05		0.059	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-5-41	7/24/08	41.0	<0.05	<0.1	<0.05	<0.05	<0.05	0.107	<0.05	<0.5	<0.05	<0.05
LW-MW-5-50	7/24/08	50.0	<0.05	<0.1	<0.05	<0.05	<0.05	0.12	<0.05	<0.5	<0.05	<0.05

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TABLE 2
SUMMARY OF SITE INVESTIGATION SOIL ANALYTICAL DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Sample Name	Sample Date	Sample Depth (bgs)	PCE	TCE	VC	CA	1,1-DCE	Trans-1,2-DCE	1,1-DCA	Cis-1,2-DCE	1,2-DCA	1,1,1-TCA
			(mg/Kg)									
Friedman & Bruya and ProVera Results												
LW-MW-6-10	8/4/08	10.0	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-6-20	8/6/08	20.0	0.272	<0.1	<0.05	<0.05	<0.05	0.109	<0.05	<0.5	<0.05	<0.05
LW-MW-6-30	8/6/08	30.0	0.106	<0.1	<0.05	<0.05	<0.05	0.122	<0.05	<0.5	<0.05	<0.05
LW-MW-6-45	8/7/08	45.0	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-7-11	7/31/08	11.00	0.069	<0.1	0.061	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-7-20	7/31/08	20.00	<0.05	<0.1	<0.05	<0.05	<0.05	0.113	<0.05	<0.5	<0.05	<0.05
LW-MW-7-25	7/31/08	25.00	<0.05	<0.1	<0.05	<0.05	<0.05	0.118	<0.05	<0.5	<0.05	<0.05
LW-MW-7-40.5	8/5/08	40.50	0.82	<0.1	0.066	<0.05	<0.05	0.141	<0.05	<0.5	<0.05	<0.05
LW-MW-8-15	7/28/08	15.00	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05
LW-MW-8-25.5	7/28/08	25.50	<0.05	<0.1	<0.05	<0.05	<0.05	0.105	<0.05	<0.5	<0.05	<0.05
LW-MW-8-32	7/29/08	32.00	0.057	<0.1	<0.05	<0.05	<0.05	0.11	<0.05	<0.5	<0.05	<0.05
LW-MW-8-40	7/29/08	40.00	0.375	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05

Notes:
bgs = Below Ground Surface
FB = Friedman & Bruya, Inc.
nd<0.05 = not detected at or above the stated laboratory reporting limit.
PV = ProVera Analytical Laboratories, Inc.

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TABLE 3
SUMMARY OF WELL CONSTRUCTION DETAILS
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

WELL ID	Completion Date	Boring Depth (feet bgs)	Casing Material	TOC Elev	Top of Screen (feet bgs)	Screen Length (feet)
LW-MW-1S	7/15/08	25.0	2" PVC	6,286.86	15.00	10
LW-MW-1D	7/15/08	57.0	2" PVC	6,268.81	40.00	10
LW-MW-2S	7/23/08	32.5	2" PVC	6,268.71	22.50	10
LW-MW-2D	7/23/08	49.5	2" PVC	6,268.65	39.50	10
LW-MW-3S	7/29/08	34.5	2" PVC	6,268.07	24.50	10
LW-MW-3D	7/29/08	50.5	2" PVC	6,267.99	40.50	10
LW-MW-4S	8/6/08	30.5	2" PVC	6,266.47	20.50	10
LW-MW-4D	8/6/08	45.3	2" PVC	6,266.87	35.00	10
LW-MW-5S	7/24/08	29.0	2" PVC	6,266.78	19.00	10
LW-MW-5D	7/24/08	50.5	2" PVC	6,266.62	40.50	10
LW-MW-6S	8/6/08	27.0	2" PVC	6,266.49	17.00	10
LW-MW-6D	8/6/08	46.5	2" PVC	6,266.59	32.00	10
LW-MW-7S	8/5/08	30.0	2" PVC	6,266.65	20.00	10
LW-MW-7D	8/5/08	45.0	2" PVC	6,266.61	34.50	10
LW-MW-8S	7/28/08	30.0	2" PVC	6,266.43	20.00	10
LW-MW-8D	7/28/08	43.0	2" PVC	6,266.65	33.00	10

Notes

All wells are of Schedule 40 PVC construction
All screen intervals are 0.020" slot (10 feet) with pre-pack sand (#3)
PVC = Poly vinyl chloride
ft = feet

TOC Elevation based on relative of

TABLE 4
SUMMARY OF FLOW CELL MONITORING DATA
LAKE TAHOE LAUNDRY WORKS
1024 Lake Tahoe Boulevard
South Lake Tahoe, California
September 14, 2008

Well ID	Temperature (°F)	pH (Units)	Conductivity (mS/cm)	DO (mg/L)	ORP (mV)
LW-MW-1S	58.7	5.38	0.40	3.61	-137
LW-MW-1D	57.9	5.80	0.21	3.87	-135
LW-MW-2S	58.8	6.60	0.39	3.63	-154
LW-MW-2D	56.6	6.18	0.24	3.51	-149
LW-MW-3S	58.2	6.36	0.11	2.65	-125
LW-MW-3D	56.6	6.05	0.01	2.71	-121
LW-MW-4S	60.5	6.26	0.32	3.19	-149
LW-MW-4D	58.1	6.34	0.33	4.40	-151
LW-MW-5S	56.2	5.78	0.34	3.16	-105
LW-MW-5D	53.8	5.66	0.06	3.36	-110
LW-MW-6S	57.1	5.54	0.91	2.82	-19
LW-MW-6D	56.9	5.97	0.32	2.67	-62
LW-MW-7S	59.8	6.07	0.58	3.25	-138
LW-MW-7D	57.6	6.39	0.32	3.93	-155
LW-MW-8S	59.8	6.40	1.01	3.66	-119
LW-MW-8D	59.2	6.53	0.27	3.54	-128
MW-38M	52.6	5.90	0.21	3.43	-147

Notes:
(°C) = Degrees fahrenheit
DO = Dissolved oxygen
mg/L = Milligrams per liter
mS/cm = Milliseconds per centimeter
mV = Millivolts
ORP - Oxygen Reduction Potential

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E2C Remediation
Environmental Engineering,
Consulting and Remediation, Inc.

August 12, 2010

Mr. Scott Reisch, Partner
Hogan & Hartson LLP
One Tabor Center, Suite 1500
1200 Seventeenth Street
Denver, CO 80202

Mr. Brooks M. Beard, Esq.
Morrison & Foerster LLP
425 Market Street
San Francisco, CA 94105

SUBJECT: **INTERIM REMEDIAL SYSTEM INSTALLATION/PILOT TESTING REPORT OF FINDINGS AND DRAFT REMEDIAL ACTION PLAN FOR VADOSE ZONE SOIL AND SHALLOW GROUNDWATER CLEANUP**

Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Dear Mssrs. Reisch and Beard:

Pursuant to your requests, please find attached the above-captioned document. The document was prepared to comply with the Interim Remedial Action Workplan and its Addendum, which were approved by the State of California Regional Water Quality Control Board – Lahontan Region, South Lake Tahoe Branch (CRWQCB) letter dated September 9, 2009.

If you have any questions, or comments, please call the undersigned, or Phil Goalwin, at 661-831-6906.

Sincerely,
E_2C Remediation

William A. Lawson, P.G. #7171
Director of Technical Operations

PROFESSIONAL GEOLOGIST
WILLIAM A. LAWSON
Exp 3/31/10
No. 7171
STATE OF CALIFORNIA

cc: Ms. Lisa Dernbach, C.H.G.
Senior Engineering Geologist
CRWQCB – Lahontan Region, South Lake Tahoe Office
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Well and Trenching Locations Plot Plan
Figure 4 Areal Cleanup Extent Plot
Figure 5 Remediation System As-Built Schematic
Figure 6 VP Well As-Built Diagram
Figure 7 Water Supply Well Location Plot

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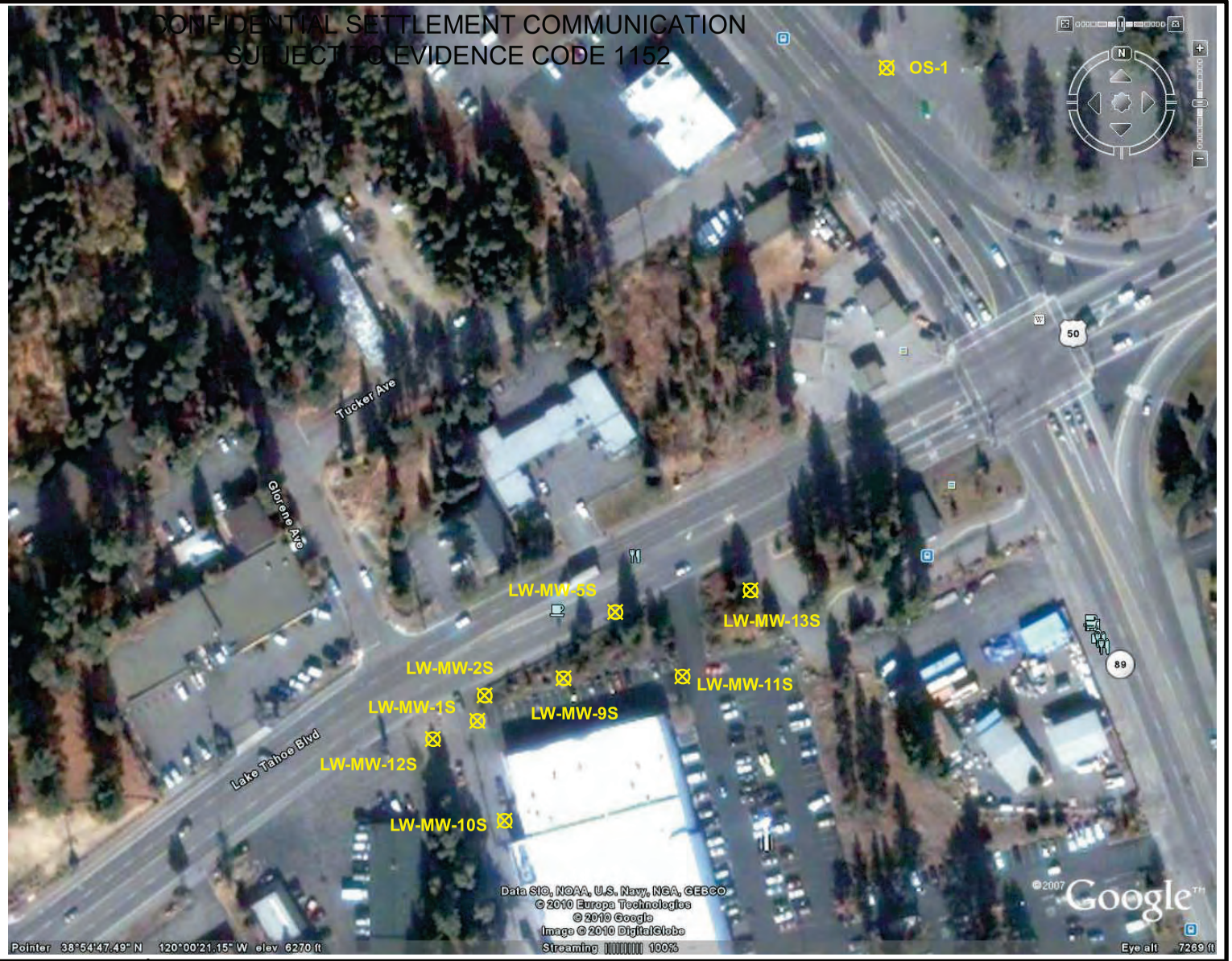
LEGEND

⊠ Approximate Location of Groundwater Monitoring Well
LW-MW-1S



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E₂C Remediation
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Bakersfield, CA 93313

Phone: (661) 831-6906
Fax: (661) 831-6234

LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

SITE PLAN

FIGURE

2

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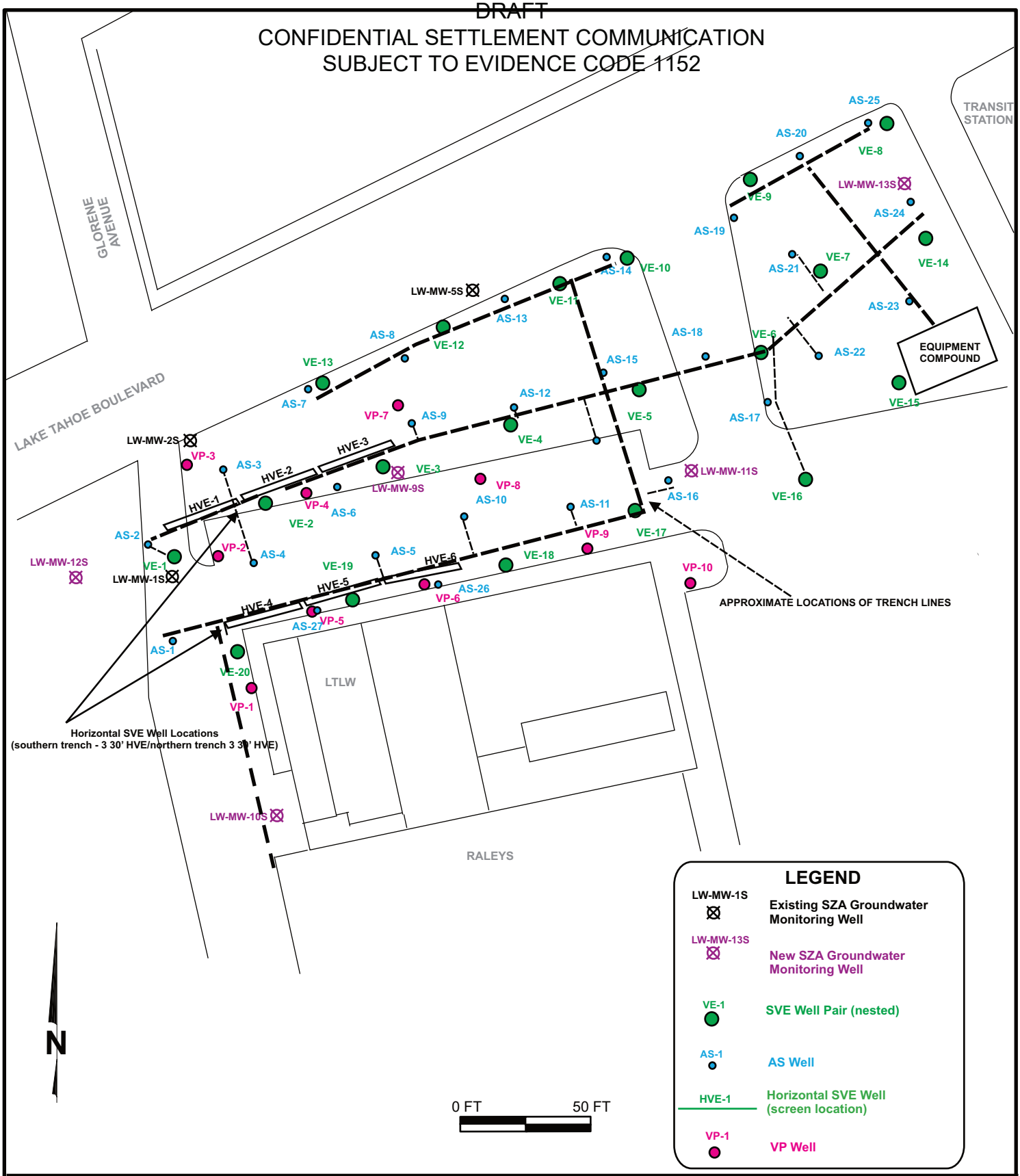

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LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

WELL AND TRENCHING LOCATIONS
PLOT PLAN

FIGURE

3

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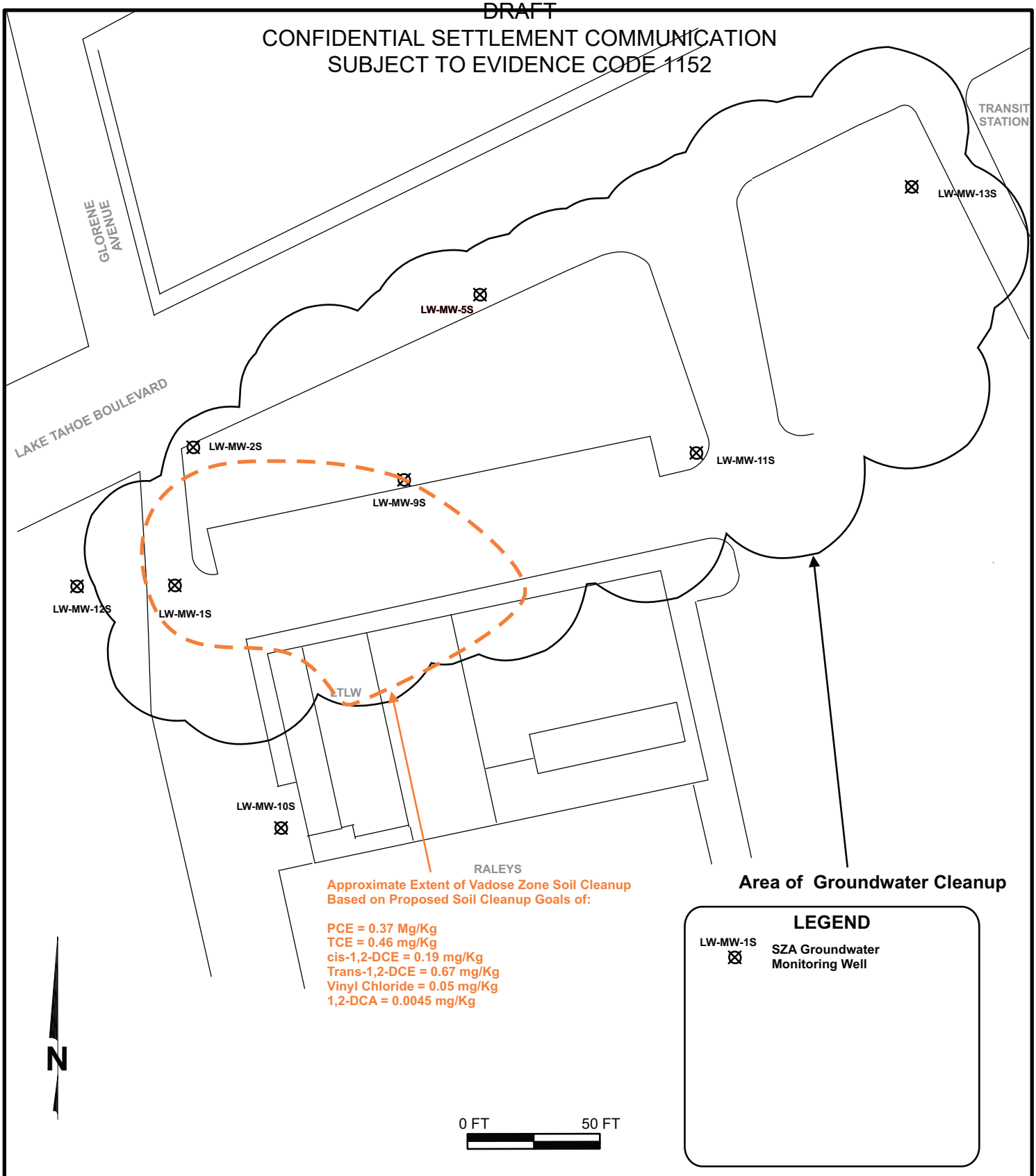

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LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

REMEDIATION AREA

FIGURE

4

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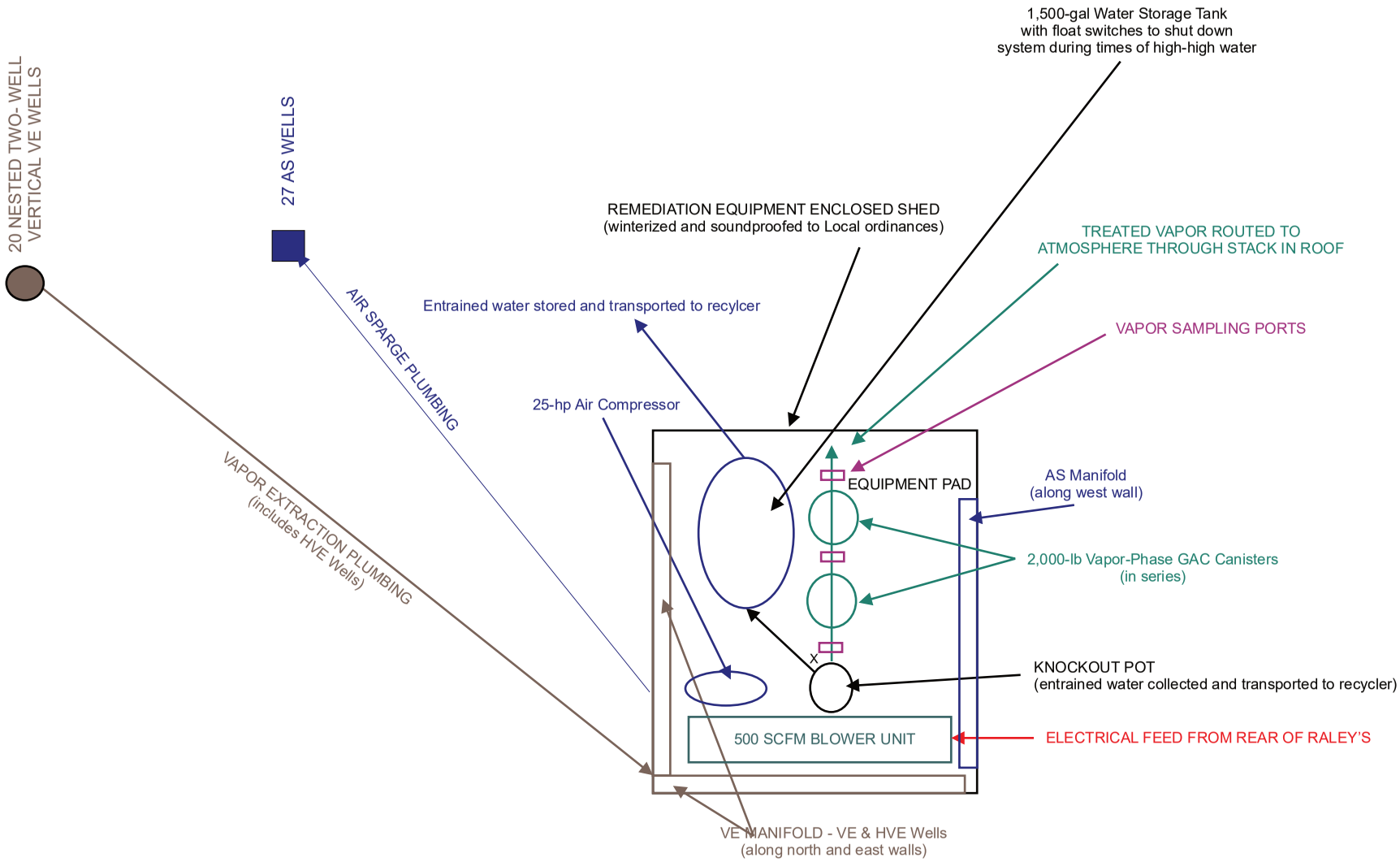

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LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

REMEDIATION SYSTEM AS-BUILT SCHEMATIC

FIGURE

5

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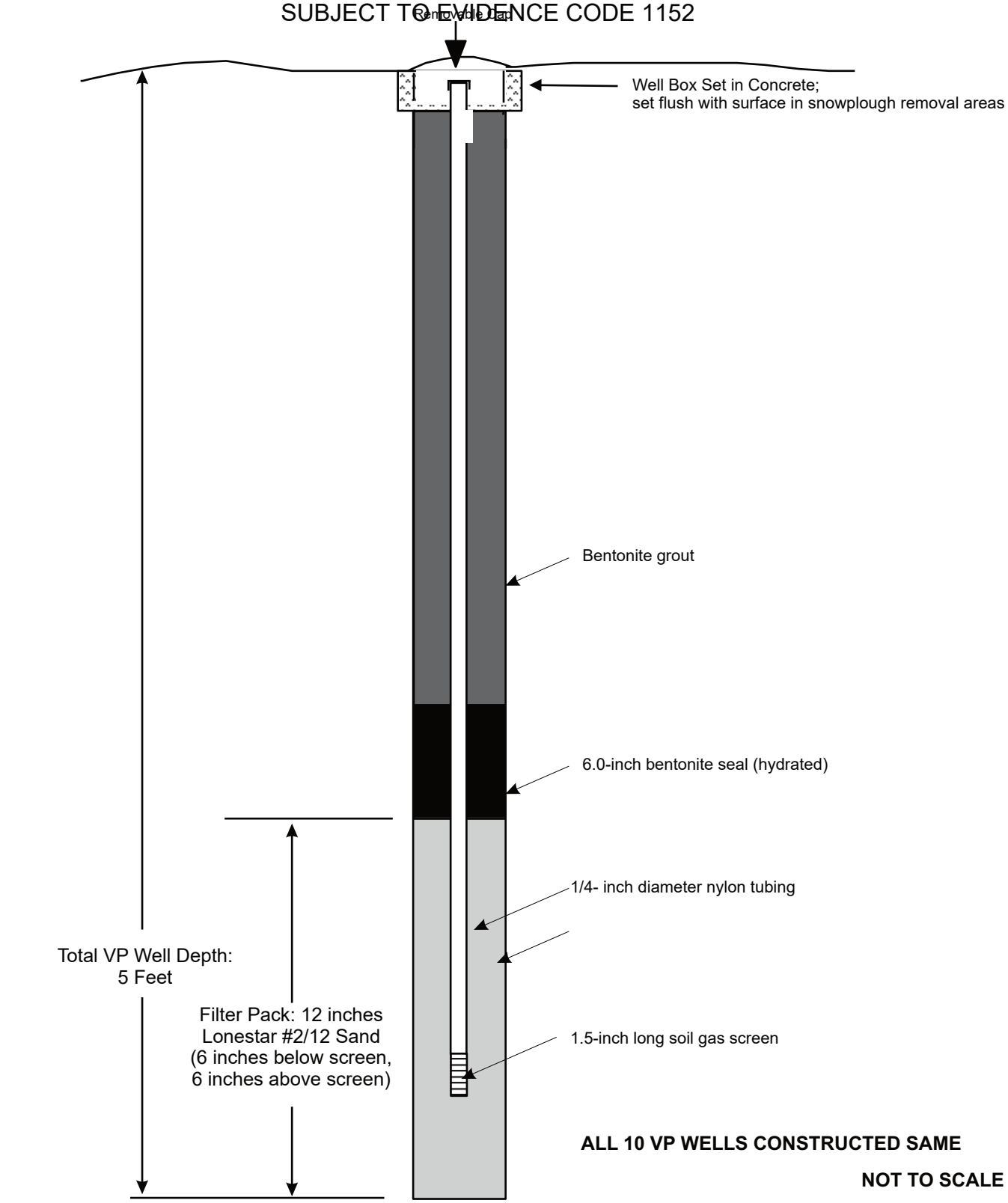

ALL 10 VP WELLS CONSTRUCTED SAME

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LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

TYPICAL VP WELL CONSTRUCTION AS-BUILT DIAGRAM

FIGURE

6

TABLES

Table 1 Summary of Current Groundwater Monitoring Data
Table 2 Summary of Historical Groundwater Elevation Data
Table 3 Summary of Historical Groundwater Analytical Data
Table 4 Summary of Historical VP Shallow Soil-Gas Analytical Data
Table 5A Summary of Well Construction Details
Table 5B Summary of November 2009 Soil Analytical Data
Table 5C Well Distance Matrix Chart
Table 6 Summary of Depths to Water During Pilot Testing
Table 7 Summary of SVE/GASS Remediation System Operational Data
Table 8 Summary of VE Wellfield Data
Table 9 Summary of Historical SVE Vapor Laboratory Analytical Data
Table 10 Comparison of Shallow Soil-Gas Data with ESLs

TABLE 1
SUMMARY OF BASELINE (FIRST QUARTER 2010) GROUNDWATER MONITORING DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California
March 23, 2010

Well ID	TOC Elev. (feet rel MSL)	Depth to GW (feet BTOC)	GW Elevation (feet MSL)	PCE	TCE	VC	CA	CB	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	cis-1,2-DCE	1,2-DCA	1,1,1,2-TCA	1,1,1-TCA
				(µg/L)												
LW-MW-1S	6,191.41	13.99	6,177.42	1,850	nd<0.500	nd<0.500	nd<0.500	0.962	7.71	nd<0.500	1.41	nd<0.500	330	nd<0.500	0.795	nd<0.500
duplicate				2,000	nd<0.500	nd<0.500	nd<0.500	0.845	7.40	nd<0.500	1.23	nd<0.500	314	nd<0.500	0.710	nd<0.500
LW-MW-2S	6,192.41	15.44	6,176.97	5.9	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500
LW-MW-5S	6,189.47	14.21	6,175.26	nd<0.500	26.5	3.22	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	38.2	nd<0.500	nd<0.500	nd<0.500
LW-MW-9S	6,192.98	14.82	6,178.16	174	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	7.8	nd<0.500	nd<0.500	nd<0.500
LW-MW-10S	6,192.15	13.27	6,178.88	1.04	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500
LW-MW-11S	6,191.67	14.72	6,176.95	32.5	1.08	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	3.63	nd<0.500	nd<0.500	nd<0.500
LW-MW-12S	6,190.71	13.36	6,177.35	34.3	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	0.613	nd<0.500	nd<0.500	nd<0.500
LW-MW-13S	6,190.82	13.20	6,177.62	65.2	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	2.92	nd<0.500	nd<0.500	nd<0.500
OS-1	6,188.12	13.25	6,174.87	91.2	1.41	nd<0.500	nd<0.500	nd<0.500	nd<0.500	1.02	nd<0.500	nd<0.500	0.989	nd<0.500	nd<0.500	nd<0.500

Notes:

Results in micrograms per liter (µg/L) (equivalent to parts per billion, ppb)

1,1-DCA = 1,1,-Dichloroethane
1,1-DCE = 1,2-Dichloroethene
1,1,1-TCA = 1,1,1-Trichlorethane
1,1,1,2-TCA = 1,1,1,2-Trichloroethane
CA = Chloeoethane
CB = Chlorobenzene
cis-1,2-DCE = cis-1,2-Dichloroethene
BTOC = Below Top of Casing
MC = Methylene Chloride
PCE = Tetrachloroethene (a.k.a. perchloroethene)
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
VC = Vinyl Chloride

Duplicate sample of LW-MW-1S marked as LW-MW-15 on Chain-of-Custody

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TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ELEVATION DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Well ID	Date	Reference Elevation (feet MSL)	Total Well Depth (feet BTOC)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet MSL)	GW Elevation Change (feet)
LW-MW-1S	08/13/08	6,191.41	---	13.69	6,177.72	---
	12/04/09		23.91	15.09	6,176.32	-1.40
	03/23/10		23.90	13.99	6,177.42	1.10
LW-MW-2S	08/13/08	6,192.41	---	14.99	6,177.42	---
	12/04/09		34.82	17.29	6,175.12	-2.30
	03/23/10		34.85	15.44	6,176.97	1.85
LW-MW-5S	08/13/08	6,189.47	---	14.04	6,175.43	---
	12/04/09		29.73	14.85	6,174.62	-0.81
	03/23/10		29.73	14.21	6,175.26	0.64
LW-MW-9S	12/04/09	6,192.98	24.40	16.01	6,176.97	---
	03/23/10		24.25	14.82	6,178.16	1.19
LW-MW-10S	12/04/09	6,192.15	24.76	14.30	6,177.85	---
	03/23/10		24.60	13.27	6,178.88	1.03
LW-MW-11S	12/04/09	6,191.67	24.30	14.91	6,176.76	---
	03/23/10		24.02	14.72	6,176.95	0.19
LW-MW-12S	12/04/09	6,190.71	24.20	15.00	6,175.71	---
	03/23/10		23.80	13.36	6,177.35	1.64
LW-MW-13S	12/04/09	6,190.82	24.95	14.39	6,176.43	---
	03/23/10		24.78	13.20	6,177.62	1.19
OS-1	03/24/10	6,188.12	23.45	13.25	6,174.87	---

Notes:
BTOC = Below Top of Casing
MSL = Mean Sea Level

Ave Groundwater Elevation Change	
4th.09-1st.10	1.10

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TABLE 3
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Well ID	Sample Date	PCE	TCE	VC	CA	CB	CF	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	cis-1,2-DCE	1,2-DCA	1,1,1,2-TCA	1,1,1-TCA	Benzene	MtBE
		(ug/L)															
LW-MW-1S	08/13/08	706	74.0	nd<0.50	nd<0.50	nd<0.50	nd<0.50	1.25	nd<0.50	0.727	nd<0.50	41.3	nd<0.50	nd<0.50	nd<0.50	na	na
	12/04/09	5,150	72.7	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	1,850	nd<0.500	nd<0.500	nd<0.500	0.962	nd<0.500	7.71	nd<0.500	1.41	nd<0.500	339	nd<0.500	0.795	nd<0.500	nd<0.500	nd<0.500
	duplicate	2,000	nd<0.500	nd<0.500	nd<0.500	0.845	nd<0.500	7.40	nd<0.500	1.23	nd<0.500	314	nd<0.500	0.710	nd<0.500	nd<0.500	nd<0.500
LW-MW-2S	08/13/08	3.00	2.52	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	31.0	nd<0.50	nd<0.50	nd<0.50	na	na
	12/04/09	8.29	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	5.9	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	0.731	nd<0.500
LW-MW-5S	08/13/08	85.1	3.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	2.00	nd<0.50	nd<0.50	nd<0.50	na	na
	12/04/09	nd<0.500	11.7	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	nd<0.500	26.5	3.22	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	38.2	nd<0.500	nd<0.500	nd<0.500	0.778	0.529
LW-MW-9S	12/04/09	324	12.7	nd<0.500	nd<0.500	nd<0.500	nd<0.50	nd<0.500	nd<0.500	nd<0.500	nd<0.500	19.0	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	174	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	7.78	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500
LW-MW-10S	12/04/09	15.8	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	duplicate	10.6	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	1.04	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500
LW-MW-11S	12/04/09	42.9	nd<0.50	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	32.5	1.08	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	3.63	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500
LW-MW-12S	12/04/09	10.7	nd<0.50	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	34.3	nd<0.50	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	0.613	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500
LW-MW-13S	12/04/09	17	nd<0.50	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	na	na
	03/23/10	14.1	0.603	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	0.627	nd<0.500	nd<0.500	nd<0.500	0.645	nd<0.500
OS-1	03/24/10	91.2	1.41	nd<0.500	nd<0.500	nd<0.500	nd<0.500	nd<0.500	1.02	nd<0.500	nd<0.500	0.989	nd<0.500	nd<0.500	nd<0.500	0.908	0.807

Notes:
Results in micrograms per liter (µg/L) (equivalent to parts per billion, ppb)
1,1-DCA = 1,1,-Dichloroethane
1,1-DCE = 1,2-Dichloroethene
1,1,1-TCA = 1,1,1-Trichlorethane
BTOC = Below Top of Casing
CA = Chloroethane
CB = Chlorobenzene
CF = Chloroform
cis-1,2-DCE = cis-1,2-Dichloroethene
MC = Methylene Chloride
MtBE = Methyl-tertiary butyl ether
PCE = Tetrachloroethene (a.k.a. perchloroethene)
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
VC = Vinyl Chloride

nd< = Not detected at or above the Method Detection Limit, which is indicated by the value

TABLE 4
SUMMARY OF HISTORICAL VP SHALLOW SOIL-GAS ANALYTICAL DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Sample ID	Sample Date	PCE	TCE	cis-1,2-DCE	Tracer Gas	Other VOCs
		ppmV				
VP-1	4/9/10	**0.016**	nd<0.01	nd<0.01	nd<0.01	nd
VP-2	4/9/10	**0.429**	**0.029**	**0.38**		nd
VP-3	4/9/10	unable to sample - water in well				
VP-4	4/9/10	nd<0.01	nd<0.01	nd<0.01	nd<0.01	nd
VP-5	4/9/10	**0.012**	nd<0.01	**0.015**	nd<0.01	nd
VP-6	4/9/10	**0.028**	nd<0.01	nd<0.01	nd<0.01	nd
VP-7	4/9/10	nd<0.01	nd<0.01	nd<0.01	nd<0.01	nd
VP-8	4/9/10	**0.034**	nd<0.01	nd<0.01	nd<0.01	nd
VP-9	4/9/10	**0.029**	nd<0.01	nd<0.01	nd<0.01	nd
VP-10	4/9/10	**1.98**	**0.047**	**0.050**	nd<0.01	nd

Notes:

cis-1,2-DCE = cis-1,2-Dichloroethene
nd = Not detected at or above detection limit for each respective compound (see Appendix D)
nd< = Not detected at or above the detection limit, which is indicated by value
PCE = Tetrachloroethene (a.k.a. perchloroethene)
ppmV = parts per million by volume
TCE = Trichloroethene
Tracer Gas = Freon 11 (see Appendix D)

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TABLE 5A
SUMMARY OF WELL CONSTRUCTION DETAILS
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

WELL ID	Completion Date	Well Type	Well Depth (feet bgs)	Well Casing Material	TOC Elevation (feet rel)	Top of Screen (feet bgs)	Screen Length (feet)
AS-1	11/3/09	Air Sparge	25.0	2" PVC	--	23.5	1.5
AS-2	11/5/09	Air Sparge	25.0	2" PVC	--	23.5	1.5
AS-3	11/6/09	Air Sparge	28.0	2" PVC	--	26.5	1.5
AS-4	11/5/09	Air Sparge	26.0	2" PVC	--	24.5	1.5
AS-5	11/5/09	Air Sparge	26.0	2" PVC	--	24.5	1.5
AS-6	11/5/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-7	11/7/09	Air Sparge	28.5	2" PVC	--	27.0	1.5
AS-8	11/7/09	Air Sparge	27.0	2" PVC	--	25.5	1.5
AS-9	11/9/09	Air Sparge	28.5	2" PVC	--	27.0	1.5
AS-10	11/4/09	Air Sparge	27.0	2" PVC	--	25.5	1.5
AS-11	11/4/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-12	11/8/09	Air Sparge	27.5	2" PVC	--	26.0	1.5
AS-13	11/8/09	Air Sparge	29.0	2" PVC	--	27.5	1.5
AS-14	11/8/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-15	11/9/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-16	11/12/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-17	11/12/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-18	11/11/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-19	11/11/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-20	11/13/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-21	11/12/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-22	11/11/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-23	11/6/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-24	11/13/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-25	11/13/09	Air Sparge	30.0	2" PVC	--	28.5	1.5
AS-26	11/4/09	Air Sparge	27.0	2" PVC	--	25.5	1.5
AS-27	11/9/09	Air Sparge	26.0	2" PVC	--	24.5	1.5

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TABLE 5A
SUMMARY OF WELL CONSTRUCTION DETAILS
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

WELL ID	Completion Date	Well Type	Well Depth (feet bgs)	Well Casing Material	TOC Elevation (feet rel)	Top of Screen (feet bgs)	Screen Length (feet)
LW-MW-1S	7/16/08	Monitoring	23.91	2" PVC	6,191.41	8.9	15
LW-MW-2S	7/23/08	Monitoring	34.82	2" PVC	6,192.41	19.8	15
LW-MW-5S	7/24/08	Monitoring	29.70	2" PVC	6,149.87	14.7	15
LW-MW-9S	11/10/09	Monitoring	24.40	2" PVC	6,192.98	9.4	15
LW-MW-10S	11/12/09	Monitoring	24.76	2" PVC	6,192.15	9.8	15
LW-MW-11S	11/12/09	Monitoring	24.30	2" PVC	6,191.67	9.3	15
LW-MW-12S	11/10/09	Monitoring	24.20	2" PVC	6,190.71	9.2	15
LW-MW-13S	11/10/09	Monitoring	24.95	2" PVC	6,190.82	10.0	15
OS-1	3/19/10	Monitoring	25.00	2" PVC	6,176.95	10.0	15
VED-1	11/5/09	Deep Vapor Extraction	13.0	2" PVC	--	11.0	2
VED-2	11/4/09	Deep Vapor Extraction	14.0	2" PVC	--	12.0	2
VED-3	11/7/09	Deep Vapor Extraction	14.0	2" PVC	--	12.0	2
VED-4	11/8/09	Deep Vapor Extraction	13.0	2" PVC	--	11.0	2
VED-5	11/9/09	Deep Vapor Extraction	13.4	2" PVC	--	11.4	2
VED-6	11/10/09	Deep Vapor Extraction	12.5	2" PVC	--	10.5	2
VED-7	11/12/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-8	11/13/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-9	11/11/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-10	11/10/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-11	11/8/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-12	11/7/09	Deep Vapor Extraction	11.5	2" PVC	--	9.5	2
VED-13	11/7/09	Deep Vapor Extraction	13.5	2" PVC	--	11.5	2
VED-14	11/10/09	Deep Vapor Extraction	12.5	2" PVC	--	10.5	2
VED-15	11/6/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-16	11/12/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-17	11/4/09	Deep Vapor Extraction	15.0	2" PVC	--	13.0	2
VED-18	11/4/09	Deep Vapor Extraction	13.0	2" PVC	--	11.0	2

TABLE 5A
SUMMARY OF WELL CONSTRUCTION DETAILS
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

WELL ID	Completion Date	Well Type	Well Depth (feet bgs)	Well Casing Material	TOC Elevation (feet rel)	Top of Screen (feet bgs)	Screen Length (feet)
VED-19	11/3/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VED-20	11/3/09	Deep Vapor Extraction	12.0	2" PVC	--	10.0	2
VES-1	11/5/09	Shallow Vapor Extraction	9.0	2" PVC	--	4.0	5
VES-2	11/4/09	Shallow Vapor Extraction	10.0	2" PVC	--	5.0	5
VES-3	11/7/09	Shallow Vapor Extraction	10.0	2" PVC	--	5.0	5
VES-4	11/8/09	Shallow Vapor Extraction	9.0	2" PVC	--	4.0	5
VES-5	11/9/09	Shallow Vapor Extraction	9.4	2" PVC	--	4.4	5
VES-6	11/10/09	Shallow Vapor Extraction	8.5	2" PVC	--	3.5	5
VES-7	11/12/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-8	11/13/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-9	11/11/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-10	11/11/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-11	11/8/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-12	11/7/09	Shallow Vapor Extraction	7.5	2" PVC	--	3.5	4
VES-13	11/7/09	Shallow Vapor Extraction	9.5	2" PVC	--	4.5	5
VES-14	11/10/09	Shallow Vapor Extraction	8.5	2" PVC	--	3.5	5
VES-15	11/6/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-16	11/12/09	Shallow Vapor Extraction	8.0	2" PVC	--	3.0	5
VES-17	11/4/09	Shallow Vapor Extraction	9.0	2" PVC	--	4.0	5
VES-18	11/4/09	Shallow Vapor Extraction	9.0	2" PVC	--	4.0	5
VES-19	11/3/09	Shallow Vapor Extraction	7.0	2" PVC	--	2.0	5
VES-20	11/3/09	Shallow Vapor Extraction	7.0	2" PVC	--	2.0	5
VP-1	11/5/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-2	11/5/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-3	11/9/10	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-4	11/7/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-5	11/3/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125

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TABLE 5A
SUMMARY OF WELL CONSTRUCTION DETAILS
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

WELL ID	Completion Date	Well Type	Well Depth (feet bgs)	Well Casing Material	TOC Elevation (feet rel)	Top of Screen (feet bgs)	Screen Length (feet)
VP-6	11/3/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-7	11/9/10	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-8	11/9/10	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-9	11/8/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125
VP-10	11/8/09	Shallow Soil-Gas	5.0	1/8-inch Teflon Tubing		4.875	0.125

Notes
All wells are of Schedule 40 PVC construction
PVC = Poly vinyl chloride
feet bgs = feet below ground surface
TOC Elevation = Top of casing elevation based on feet above MSL relative at MW-1 taken from Topographic Map

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TABLE 4B
SUMMARY OF NOVEMBER 2009 SOIL ANALYTICAL DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Sample ID	Sample Date	Sample Depth (bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
			(mg/Kg)				
LW-MW-9S							
9S-6	11/10/09	6	**0.347**	nd<0.050	nd<0.050	nd<0.050	nd
9S-10.5		10.5	**not analyzed**				
9S-15.5		15.5	**0.078**	nd<0.050	nd<0.050	nd<0.050	nd
9S-20.5		20.5	**not analyzed**				
LW-MW-10S							
10S-6	11/10/09	6	**not analyzed**				
10S-10.5		10.5	**not analyzed**				
10S-15.5		15.5	**0.052**	nd<0.050	nd<0.050	nd<0.050	nd
10S-20.5		20.5	**not analyzed**				
10S-26		26	**0.051**	nd<0.050	nd<0.050	nd<0.050	nd
LW-MW-11S							
11S-5.5	11/10/09	5.5	**not analyzed**				
11S-10.5		10.5	nd<0.050	nd<0.050	nd<0.050	nd<0.050	nd
11S-15.5		15.5	**not analyzed**				
11S-20.5		21	**not analyzed**				
11S-25.5		25.5	**0.072**	nd<0.050	nd<0.050	nd<0.050	nd
LW-MW-12S							
12S-5.5	11/10/09	5.5	**not analyzed**				
12S-10.5		10.5	nd<0.050	nd<0.050	nd<0.050	nd<0.050	nd
12S-15.5		15.5	**not analyzed**				
12S-20		20	nd<0.050	nd<0.050	nd<0.050	nd<0.050	nd
12S-25		25	**not analyzed**				
LW-MW-13S							
13S-5.75	11/10/09	5.75	**not analyzed**				
13S-10.5		10.5	**not analyzed**				
13S-21		21	nd<0.050	nd<0.050	nd<0.050	nd<0.050	nd
13S-25.8		25.8	nd<0.050	nd<0.050	nd<0.050	nd<0.050	nd
OS-1							
OS-1@10	3/19/10	10.00	not analyzed; for logging purposes only				
OS-1@15		15.0	not analyzed; for logging purposes only				
OS-1@20		20	not analyzed; for logging purposes only				
OS-1@25		25.0	not analyzed; for logging purposes only				

Notes:
bgs = Below ground surface
cis-1,2-DCE = cis-1,2-dichloroethene
mg/Kg = Milligrams per kilogram (equivalent to parts per million)
nd = Not detected at or above the respective laboratory reporting limit
nd<0.05 = not detected at or above the stated laboratory reporting limit.
PCE = Tetrachloroethylene (a.k.a. perchloroethene)
TCE = Trichloroethylene
Trans-1,2-DCE = trans-1,2-dichloroethene

TABLE 6
SUMMARY OF DEPTHS TO GROUNDWATER DURING PILOT TESTING
Lake Tahoe Laundry Works
1024 Lake tahoe Boulevard
South Lake Tahoe, California

Well ID	Date (mo/dy/yr)	Time (hr:min)	Depth to GW (feet BTOC)	DO (mg/L)	Comments
Tests #1 and #2: Extraction at HVE-1, HVE-2, HVE-3, HVE-4, HVE-5, and HVE-6					
Observation Wells					
MW-1S	4/6/10	11:10	13.52	0.0	
		17:25	13.55	nr	
MW-1D	4/6/10	11:00	19.98	0.0	
		17:30	19.99	nr	
MW-2S	4/6/10	10:25	14.98	0.0	
		17:35	15.03	nr	
MW-2D	4/6/10	10:30	20.47	0.0	
		17:40	20.45	nr	
MW-5S	4/6/10	9:40	11.61	0.0	
MW-5D	4/6/10	10:00	20.36	0.0	
MW-9S	4/6/10	10:50	14.39	0.0	
		17:55	14.41	nr	
MW-10S	4/6/10	10:10	12.77	0.0	
		17:50	12.81	nr	
MW-11S	4/6/10	10:35	13.27	0.0	
MW-12S	4/6/10	10:20	12.13	0.0	
		17:45	12.10	nr	
MW-13S	4/6/10	11:20	12.78	0.0	
OS-1	4/6/10	9:25	12.71	0.0	
Test #3: Extraction at VE-1S, VE-1D, VE-2S, VE-2D, VE-3S, VE-3D, VE-4S, VE-4D, VE-12S, VE-12D, VE-13S, VE-13D, VE-18S, VE-18D, VE-19S, VE-19D, VE-20S, and VE-20D					
Observation Wells					
MW-1S	4/7/10	8:05	13.48	nr	
		8:55	nr	0.0	
		11:55	14.93	nr	
MW-1D	4/7/10	8:10	19.97	0.0	
		9:00	nr	0.0	
		12:00	20.30	nr	
MW-2S	4/7/10	7:55	14.94	0.0	
		8:45	nr	0.0	
		11:45	15.06	nr	
MW-2D	4/7/10	8:00	20.42	0.0	
		8:50	nr	0.0	
		11:50	20.57	nr	
MW-5S	4/7/10	8:20	11.71	0.0	
		9:05	nr	0.0	
		12:05	11.91	nr	
MW-5D	4/7/10	8:25	20.36	0.0	
		9:10	nr	0.0	
		12:10	20.40	nr	
MW-9S	4/7/10	8:15	14.34	0.0	
		8:20	nr	0.0	
		11:25	15.19	nr	
MW-10S	4/7/10	7:50	12.71	1.4	
		8:30	nr	1.4	
		11:35	13.11	nr	

TABLE 6
SUMMARY OF DEPTHS TO GROUNDWATER DURING PILOT TESTING
Lake Tahoe Laundry Works
1024 Lake tahoe Boulevard
South Lake Tahoe, California

Well ID	Date (mo/dy/yr)	Time (hr:min)	Depth to GW (feet BTOC)	DO (mg/L)	Comments
MW-11S	4/7/10	8:10	nr	0.0	
		8:30	13.22	0.0	
		11:20	13.29	nr	
MW-12S	4/7/10	7:45	12.07	0.0	
		8:35	nr	0.0	
		11:40	12.85	nr	
MW-13S	4/7/10	7:55	nr	0.0	
		8:35	12.71	0.0	
		12:15	12.75	nr	
OS-1	4/7/10	7:45	nr	0.0	
		8:40	12.71	0.0	
Test #4: Extraction at VE-5S, VE-6S, VE-8S, VE-9S, VE-10S, VE-11S, VE-14S, VE-15S, VE-16S, VE-17S					
Observation Wells					
MW-1S	4/7/10	15:20	13.36	nr	
MW-1D	4/7/10	15:15	19.92	nr	
MW-2S	4/7/10	15:05	15.09	nr	
		15:50	15.11	nr	
MW-2D	4/7/10	15:10	20.41	nr	
MW-5S	4/7/10	15:25	11.73	nr	
MW-5D	4/7/10	15:20	20.32	nr	
MW-9S	4/7/10	14:50	14.31	nr	
MW-10S	4/7/10	14:55	12.70	nr	
MW-11S	4/7/10	14:45	13.23	nr	
MW-12S	4/7/10	15:00	12.00	nr	
MW-13S	4/7/10	15:30	12.28	nr	
Test #5: Extraction at VE-4D, VE-5S, VE-5D, VE-6S, VE-6D, VE-7S, VE-7D, VE-8S, VE-8D, VE-9S, VE 9D, VE-10S, VE-10D, VE-11S, VE-11D, VE-14S, VE-14D, VE-15S, VE-15D, VE-16S, VE-16D, VE-17S, VE-17D					
Observation Wells					
MW-1S	4/7/10	15:20	13.36	nr	
		16:00	13.38	nr	
MW-1D	4/7/10	15:15	19.92	nr	
		16:05	19.92	nr	
		15:50	15.11	nr	
MW-2D	4/7/10	15:10	20.41	nr	
		15:55	20.40	nr	
MW-5S	4/7/10	15:25	11.73	nr	
		16:15	11.70	nr	
MW-5D	4/7/10	15:20	20.32	nr	
		16:20	23.30	nr	
MW-9S	4/7/10	16:10	14.31	nr	
MW-10S	4/7/10	15:45	12.71	nr	
MW-11S	4/7/10	16:25	13.13	nr	
MW-12S	4/7/10	15:40	12.03	nr	
MW-13S	4/7/10	15:30	12.28	nr	
		16:30	12.21	nr	

TABLE 6
SUMMARY OF DEPTHS TO GROUNDWATER DURING PILOT TESTING
Lake Tahoe Laundry Works
1024 Lake tahoe Boulevard
South Lake Tahoe, California

Well ID	Date (mo/dy/yr)	Time (hr:min)	Depth to GW (feet BTOC)	DO (mg/L)	Comments
Test #7: Extraction at VE-1S, VE-2S, VE-3S, VE-4S, VE-5S, VE-6S, VE-7S, VE-8S, VE-9S, VE-10S, VE-11S, VE-12S, VE-13S, VE-14S, VE-15S, VE-16S, VE-17S, VE-18S, VE-19S, VE-20S, HVE-1, HVE-2, HVE-3, HVE-4, HVE-5, HVE-6					
Observation Wells					
MW-1S	4/8/09	8:25	13.30	nr	
		8:50	nr	0.0	
		11:30	13.34	nr	
		15:15	10.96	nr	
MW-1D	4/8/10	8:30	19.82	nr	
		8:55	nr	0.0	
		11:35	19.78	nr	
		15:20	19.34	nr	
MW-2S	4/8/10	8:15	14.89	nr	
		8:40	nr	0.0	
		11:20	14.85	nr	
		15:25	14.64	nr	
MW-2D	4/8/10	8:20	20.28	nr	
		8:45	nr	0.0	
		11:25	20.22	nr	
		15:30	19.96	nr	
MW-5S	4/8/10	8:40	11.59	nr	
		9:00	nr	0.0	
		11:50	11.51	nr	
		15:40	10.80	nr	Water level rising
MW-5D	4/8/10	8:45	20.20	nr	
		9:05	nr	0.0	
		11:45	20.13	nr	
		15:45	20.03	nr	
MW-9S	4/8/10	8:25	nr	0.0	
		8:35	14.21	nr	
		11:40	14.15	nr	Water level falling
		15:35	9.18	nr	Water level rising
MW-10S	4/8/10	8:10	11.94	nr	
		8:30	nr	0.0	
		11:10	12.64	nr	
		15:05	11.19	nr	
MW-11S	4/8/10	8:20	nr	0.0	
		8:50	13.12	nr	
		11:55	13.10	nr	
		15:50	6.35	nr	
MW-12S	4/8/10	8:05	12.63	nr	
		8:35	nr	0.0	
		11:15	11.95	nr	
		15:10	11.05	nr	Water level rising
MW-13S	4/8/10	8:15	nr	0.0	
		8:55	12.63	nr	
		12:00	12.58	nr	
		15:55	5.00	nr	
OS-1	4/8/10	8:10	nr	0.0	
		9:00	12.61	nr	

TABLE 6
SUMMARY OF DEPTHS TO GROUNDWATER DURING PILOT TESTING
Lake Tahoe Laundry Works
1024 Lake tahoe Boulevard
South Lake Tahoe, California

Well ID	Date (mo/dy/yr)	Time (hr:min)	Depth to GW (feet BTOC)	DO (mg/L)	Comments
Test #9: Extraction at VE-1S, VE-2S, VE-20S, HVE-1, HVE-2, HVE-3, HVE-4, HVE-5, HVE-6					
Observation Wells					
MW-1S	4/9/10	7:55	13.34	nr	
		8:15	nr	0.0	
MW-1D	4/9/10	8:00	19.71	nr	
		8:20	nr	0.0	
MW-2S	4/9/10	7:45	14.98	nr	
		8:05	nr	0.0	
MW-2D	4/9/10	7:50	20.17	nr	
		8:10	nr	0.0	
MW-5S	4/9/10	8:05	11.57	nr	
		8:25	nr	0.0	
MW-5D	4/9/10	8:10	20.10	nr	
		8:30	nr	0.0	
MW-9S	4/9/10	7:50	nr	0.0	
		8:15	14.22	nr	
MW-10S	4/9/10	7:35	12.61	nr	
		7:55	nr	0.0	
MW-11S	4/9/10	7:45	nr	0.0	
		8:20	13.20	nr	
MW-12S	4/9/10	7:40	11.56	nr	
		8:00	nr	0.0	
MW-13S	4/9/10	7:40	nr	0.0	
		8:25	12.67	nr	

Notes:
BTOC = Below top of casing
DO = Dissolved Oxygen
GW = Groundwater
in-H2O = inches water
mg/L = Milligrams per liter
nr = No reading

TABLE 7
SUMMARY OF SVE/GASS REMEDIATION SYSTEM OPERATIONAL DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Date Monitored	Operational Status on Arrival	Cumulative Calendar Days	Hour Meter Reading	Cumulative Operating Hours	Inlet Flow (scfm)	System Vacuum (in-Hg)	Well Field Vacuum (in-Hg)	Field Oxygen (%)	Field Vapor Influent (ppmV)	Lab Vapor Influent (ppmV)	Field Vapor Effluent (ppmV)	VOCs Lbs./Hr. Extracted	Cumulative Lbs. Extracted
4/8/10	off	0	202.0	0	500	3.75	2.75	20.6	140	0.752	0	0.010	0.000
4/9/10	off	1	205.0	3.0	500	4.15	2.75	20.6	130	2.043	0	0.027	0.055
4/16/10	off	8	369.4	167.4	500	3.50	3.50	20.2	110		0	0.023	4.119
4/29/10	off	21	678.9	476.9	500	3.70	3.70	20.1	80		0	0.016	10.18
5/6/10	on	28	841.0	639.0	500	4.50	4.50	20.9	25		0	0.005	11.93
5/12/10	on	34	978.7	776.7	500	3.50	3.50	20.9	90		0	0.019	13.56
6/1/10	off	54	1,462	1,260	500	3.70	3.70	20.9	90		0	0.019	22.53

Average Extraction Rate (Lbs./Hr.) 0.017

Notes:

-- = Data not available / not recorded

in-Hg = Inches of Mercury

Lbs./Hr. = Pounds per hour

ppmv = Parts per million by volume

scfm = Standard cubic feet per minute

SVE/GASS = Soil Vapor Extraction / Groundwater Air Sparge S

VOCs = Volatile Organic Compounds (primarily tetrachloroethylene and trichloroethylene)

Volatile Organic Compounds Removal Rate (lbs/hr) = Influent (ppmv) x 10-6 x Influent Flow Rate (scfm) x 1 lb-mole/379.5 ft3 x 165.82 (lb/lb-mole) x 60 (min/hour)

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TABLE 8
SUMMARY OF VE WELLFIELD DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Date Monitored	Well HVE-1 valve	Well HVE-2 valve	Well HVE-3 valve	Well HVE-4 valve	Well HVE-5 valve	Well HVE-6 valve	Well VES-1 valve	Well VED-1 valve	Well VES-2 valve	Well VED-2 valve	Well VES-3 valve	Well VED-3 valve	Well VES-4 valve	Well VED-4 valve	Well VES-5 valve	Well VED-5 valve	Well VES-6 valve	Well VED-6 valve	Well VES-7 valve	Well VED-7 valve	Well VES-8 valve	Well VED-8 valve	Well VES-9 valve	Well VED-9 valve	Well VES-10 valve	Well VED-10 valve	Well VES-11 valve	Well VED-11 valve	Well VES-12 valve	Well VED-12 valve	Well VES-13 valve	Well VED-13 valve	Well VES-14 valve	Well VED-14 valve	Well VES-15 valve	Well VED-15 valve	Well VES-16 valve	Well VED-16 valve	Well VES-17 valve	Well VED-17 valve	Well VES-18 valve	Well VED-18 valve	Well VES-19 valve	Well VED-19 valve	Well VES-20 valve	Well VED-20 valve
4/6/10	varying well configurations; see field sheets in Appendix T for Test-specific configurations																																														
4/7/10	varying well configurations; see field sheets in Appendix T for Test-specific configurations																																														
4/8/10	varying well configurations; see field sheets in Appendix T for Test-specific configurations																																														
4/9/10	varying well configurations; see field sheets in Appendix T for Test-specific configurations																																														
4/16/10	O	O	O	O	O	O	O	O	O	PO	O	PO	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
4/29/10	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
5/6/10	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
5/12/10	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
6/1/10	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

Notes:
1/2 = One-half open
1/4 = 1/4 open
C = Closed
O = Fully open
PO = Partially Open

TABLE 9
SUMMARY OF HISTORICAL SVE VAPOR LABORATORY ANALYTICAL DATA
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Sample Point	Sample Date	PCE	TCE	cis-1,2-DCE	Trans-1,2-DCE	Other VOCs
		ppmV				
Influent	4/8/10	**0.680**	**0.031**	**0.041**	nd<0.01	nd<0.01
	4/9/10 - Test 9	**0.268**	**0.02**	**0.027**	nd<0.01	nd<0.01
	4/9/10	**1.950**	**0.045**	**0.048**	nd<0.01	nd<0.01
Operational Average		0.97	**0.032**	0.04		
Mid-Fluent	4/9/10	nd<0.01	nd<0.01	nd<0.01	nd<0.01	nd<0.01
Operational Average		na	na	na	na	na
Effluent	4/9/10	nd<0.01	nd<0.01	nd<0.01	nd<0.01	nd<0.01
Operational Average		na	na	na	na	na

Notes:

cis-1,2-DCE = cis-1,2-Dichloroethene
na = Not applicable
nd< = Not detected at or above the detection limit, which is indicated by value
PCE = Tetrachloroethene (a.k.a. perchloroethene)
ppmV = parts per million by volume
TCE = Trichloroethene
Trans-1,2-DCE = Trans-1,2-dichloroethene

TABLE 10
COMPARISON OF APRIL 2010 SHALLOW SOIL-GAS WITH ESLs
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Sample ID	Analyte	Concentration		ESLs
		ppmV	ppbV	(ppbV)
VP-1	PCE	0.016	16	206.54
	TCE	nd	nd	0.74481
	cis-1,2-DCE	nd	nd	3.03E+04
VP-5	PCE	0.012	12	206.54
	TCE	nd	nd	0.74481
	cis-1,2-DCE	0.015	15	3.03E+04
VP-6	PCE	0.028	28	206.54
	TCE	nd	nd	0.74481
	cis-1,2-DCE	nd	nd	3.03E+04
VP-9	PCE	0.029	29	206.54
	TCE	nd	nd	0.74481
	cis-1,2-DCE	nd	nd	3.03E+04
VP-10	PCE	**1.98**	**1,980**	206.54
	TCE	**0.047**	**47**	0.74481
	cis-1,2-DCE	0.050	50	3.03E+04

Notes:

VP wells that may indicate potential vapor instrusion into indoor space are VP-1, VP-5, VP-6, VP-9 and VP-10 (see Figure 3)

Data from Table 4 converted to parts per billion by volume (ppbV)

cis-1,2-DCE = cis-1,2-Dichloroethene
nd = Not detected at or above detection limit for each respective compound (see Appendix D)
nd< = Not detected at or above the detection limit, which is indicated by value
PCE = Tetrachloroethene (a.k.a. perchloroethene)
ppmV = parts per million by volume
TCE = Trichloroethene
Tracer Gas = Freon 11 (see Appendix D)

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Environmental Engineering, Consulting & Remediation, Inc.

February 1, 2016

Ms. Lisa Dernbach, C.H.G.
Senior Engineering Geologist
CRWQCB – Lahontan Region, South Lake Tahoe Office
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150

SUBJECT: January 4, 2016 O&M Air Sparge Performance Test Data Summary

Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Dear Ms. Dernbach:

Attached is our report on the results of our recent O&M zone of influence testing that Fox and Seven Springs mentioned to you in January 2016.

If you have any questions, or comments, please call the undersigned, or Phil Goalwin, at 916-782-8700.

Sincerely,
E_2C Remediation

REGISTERED PROFESSIONAL ENGINEER
AIGUO XU
No. 72685
Exp. 6/30/2016
CIVIL
STATE OF CALIFORNIA

Aiguo Xu, Ph.D.
Principal Engineer
C.E. # 72685

cc: Mr. Scott Reisch, Partner
Hogan Lovells US LLP
One Tabor Center, Suite 1500
1200 Seventeenth Street
Denver, CO 80202

Mr. William F. Tarantino, Partner
Morrison & Foerster LLP
425 Market Street
San Francisco, CA 94105

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E2C REMEDIATION Environmental Engineering, Consulting & Remediation, Inc.

January 12, 2016

Subject: JANUARY 4, 2016 AIR SPARGE PERFORMANCE TEST DATA SUMMARY
Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

E_2C Remediation (E_2C) is pleased to present this summary of O&M air sparge performance test conducted on January 4, 2016.

1) Selection of testing wells and monitoring wells

   Three air sparge wells (AS-16, AS-6 and AS-8) were selected. See Figure 1 for their locations. Four groundwater monitoring wells (MW-11S, MW-9S, MW-5S, and MW-5D) were used for monitoring groundwater level changes and air pressure changes.

   The distance between AS-16 and MW-11S is approximately 10.5 ft;
   The distance between AS-6 and MW-9S is approximately 23.7 ft;
   The distance between AS-8 and MW-5S is approximately 31.2 ft;
   The distance between AS-8 and MW-9S is approximately 50.9 ft;

2) Testing Method

   a. Depth to water and wellhead air pressure were measured before the test began;
   b. Compressed air was applied at AS-16, AS-6 and AS-8 one well at a time, sequentially. The applied flow rate ranged from approximately 2 to 6 scfm at a pressure of 17 psi;
   c. Depth to water and air pressure were measured at MW-11S, MW-9S, MW-5S, and MW-5D at an interval of approximately 15 minutes;
   d. Measurements were recorded on field data sheets (see attached).

3) Testing Results

   - Both depth to water and air pressure changes were observed at the monitoring wells MW-11S, MW-9S and MW-5S;
   - Little variation of depth to water and air pressure was observed at MW-5D;

Conclusion

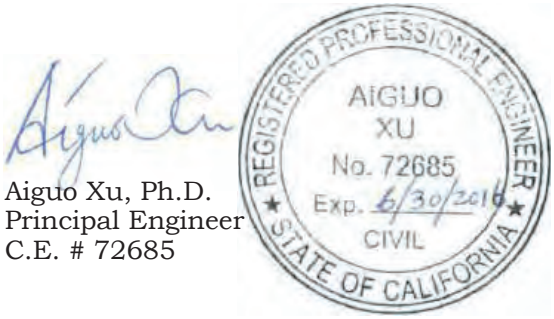
The air sparge performance test confirmed that the radius of influence at the site from individual air sparge wells at the site exceeds 25 ft.

1020 Winding Creek Road, Suite 110, Roseville, CA 95678
tel 916.782.8700 fax 916.782.8750

Based on 25 ft radii, the air sparge plan view coverage is illustrated in Figure 2.

Please contact Aiguo Xu or Philip Goalwin at 916-782-8700, if there are any questions regarding this air sparge performance test.

Respectfully,
E_2C Remediation



Aiguo Xu, Ph.D.
Principal Engineer
C.E. # 72685

Attachments: Test Field Data Sheets
Figure 1 Site Plan
Figure 2 Air Sparge Radii of Influence

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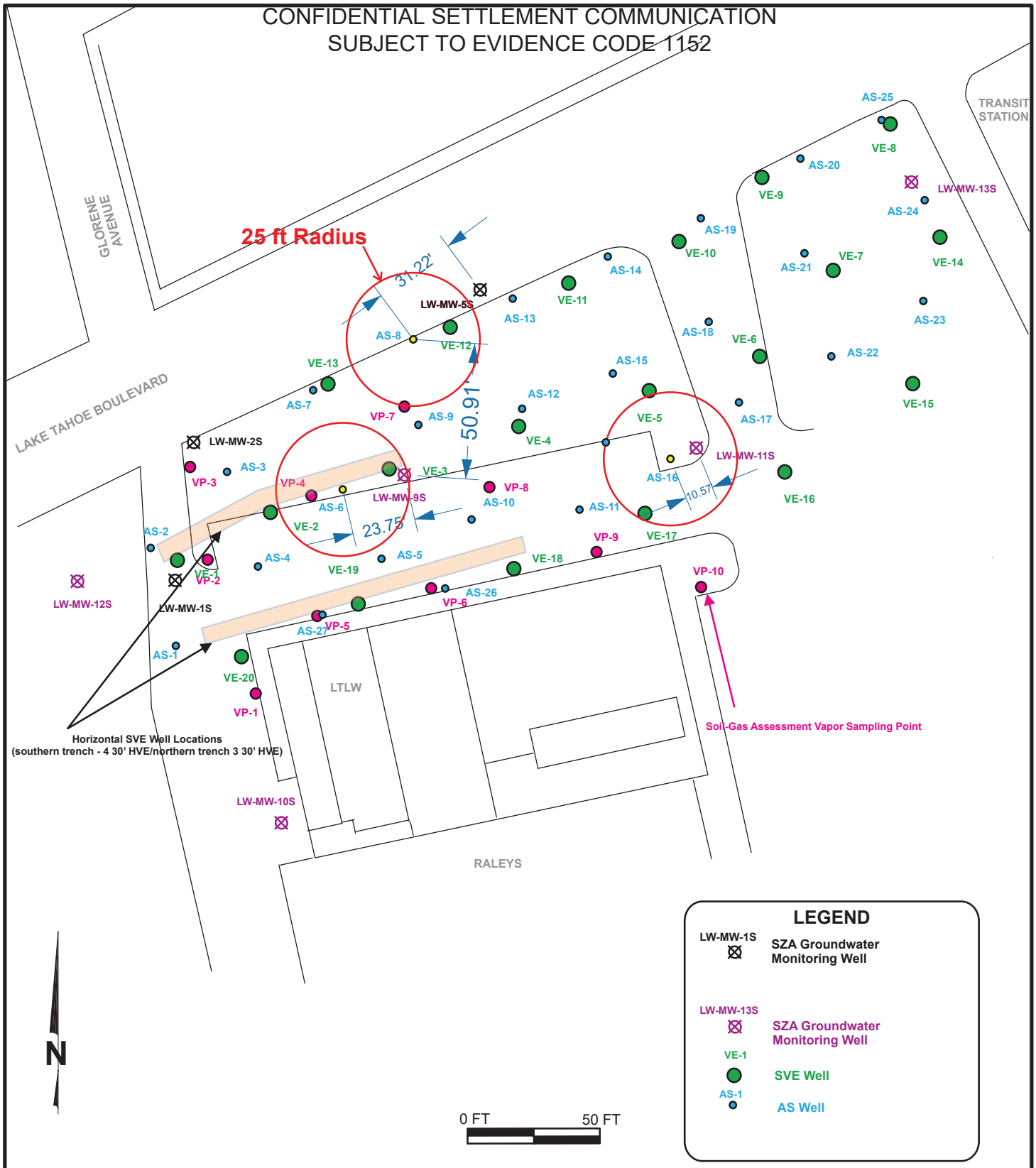

Environmental Engineering, Consulting & Remediation, Inc.
1020 Winding Creek Rd., #110, Roseville, CA 95678
Phone: (916) 782-8700 Fax: (916) 782-8750

LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

SITE PLAN

FIGURE

1

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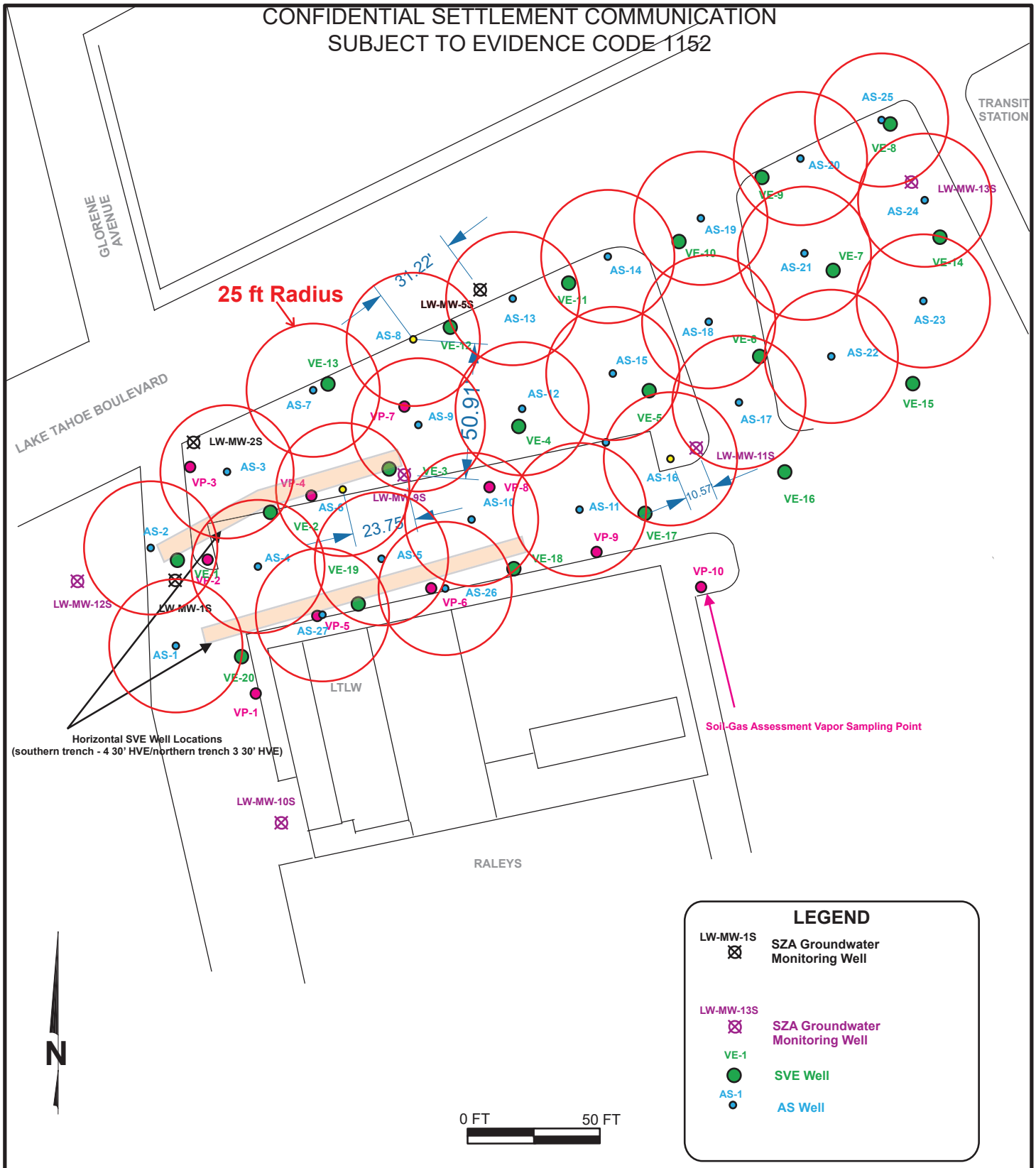

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LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

AIR SPARGE RADII OF INFLUENCE

FIGURE

2

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Environmental Engineering, Consulting & Remediation, Inc.

December 15, 2017

Mr. Scott Reisch, Partner
Hogan Lovells US LLP
One Tabor Center, Suite 1500
1200 Seventeenth Street
Denver, CO 80202

Mr. William F. Tarantino, Partner
Morrison & Foerster LLP
425 Market Street
San Francisco, CA 94105

SUBJECT: **Third Quarter 2017 Groundwater Monitoring Report and Current Site Remediation Status Report**

Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Dear Mssrs. Reisch and Tarantino:

Pursuant to your request, please find attached the above-captioned Groundwater Monitoring Report (QMR) and Remediation Status Report (RSR). The document was prepared to comply with Cleanup and Abatement Order (CAO) R6T-2017-022 dated May 27, 2017 by the State of California Regional Water Quality Control Board – Lahontan Region, South Lake Tahoe Branch (CRWQCB).

If you have any questions, or comments, please call the undersigned, or Phil Goalwin, at 916-782-8700.

Sincerely,
E_2C Remediation

REGISTERED PROFESSIONAL ENGINEER
AIGUO XU
No. 72685
Exp. 6/30/2018
CIVIL
STATE OF CALIFORNIA

Aiguo Xu, Ph.D.
Principal Engineer
C.E. # 72685

cc: Mr. Brian Grey, P.G.
Engineering Geologist
CRWQCB – Lahontan Region, South Lake Tahoe Office
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150

APPENDIX I

Batch Pumping Summary Tables

TABLE 1
SUMMARY OF PRE- AND POST BATCHING PUMPING GROUNDWATER ANALYTICAL DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date	Event Type	PCE	TCE	VC	CA	CB	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	cis-1,2-DCE	1,2-DCA	1,1,1,2-Tetra	1,1,1-TCA
			(µg/L)												
MW-1S	9/22/17	pre-BP	**95**	**1.7**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	**2.6**	nd<0.50	nd<0.50	nd<0.50
	9/27/17	between BP	**43**	**0.51**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	**0.67**	nd<0.50	nd<0.50	nd<0.50
	10/3/17	between BP	**240**	**0.95**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/11/17	between BP	**260**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/17/17	between BP	**210**	**1.4**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/24/17	between BP	**240**	**1.4**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	**0.53**	nd<0.50	nd<0.50	nd<0.50
	11/3/17	between BP	**14**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	**1.53**	nd<0.50	nd<0.50	nd<0.50
MW-2S	9/27/17	between BP	**31**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/3/17	between BP	**31**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/17/17	between BP	**33**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/24/17	between BP	**5.2**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	11/3/17	between BP	**12**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
MW-5S	9/22/17	pre-BP	**10**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	9/27/17	between BP	**2.9**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/3/17	between BP	**3.8**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/11/17	between BP	**1.8**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/17/17	between BP	**1.8**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/24/17	between BP	**1.7**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	11/3/17	between BP	**1.6**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
MW-9S	9/22/17	pre-BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	9/27/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/3/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/11/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/17/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/24/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	11/3/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50

TABLE 1
SUMMARY OF PRE- AND POST BATCHING PUMPING GROUNDWATER ANALYTICAL DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date	Event Type	PCE	TCE	VC	CA	CB	1,1-DCE	MC	Trans-1,2-DCE	1,1-DCA	cis-1,2-DCE	1,2-DCA	1,1,1,2-Tetra	1,1,1-TCA
			(µg/L)												
MW-11S	9/22/17	pre-BP	**0.60**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	9/27/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/3/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/11/17	between BP	**0.62**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/17/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	10/24/17	between BP	**0.78**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
	11/3/17	between BP	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50
MW-1D	9/22/17	pre-BP	**--**	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/17	between BP	**210**	**4.7**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	**2.2**	nd<0.50	nd<0.50	nd<0.50
	11/3/17	between BP	**7.3**	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50	nd<0.50

Notes:
Results in micrograms per liter (µg/L) = parts per billion (ppb)

PCE = Tetrachloroethene (a.k.a. perchloroethene)
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
VC = Vinyl Chloride
1,1-DCA = 1,1,-Dichloroethane
1,1-DCE = 1,2-Dichloroethene
1,1,1-TCA = 1,1,1-Trichlorethane
1,1,1,2-Tetra = 1,1,1,2-Tetrachloroethane
CA = Chloroethane
CB = Chlorobenzene
nd = Not detected at, or above, Practical Quantitation Limits, which is indicated by value

CF = Chloroform
cis-1,2-DCE = cis-1,2-Dichloroethene
MC = Methylene Chloride

BP = Batch Pumping

TABLE 2
SUMMARY OF VOC VAPOR-PHASE MASS REMOVED DURING BATCH PUMPING
(based on field influent concentrations)
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Extraction Well ID	Extraction Date	VOCs Removed (lbs)	Cumulative VOCs Removed (lbs)	Influent Concentration (ppmV)	Flow Rate (scfm)	Run Time (hours)	Removal Rate (lbs/hr)
LW-MW-5S	09/22/17	0.03	0.03	1.2	114	8.00	0.004
	10/03/17	0.03	0.06	0.7	193	8.00	0.004
LW-MW-1S	09/27/17	0.05	0.05	1.3	182	8.00	0.006
	10/11/17	0.03	0.08	1.2	114	8.00	0.004
	10/17/17	0.01	0.09	0.3	229	8.00	0.004
	10/24/17	0.01	0.11	0.3	216	8.00	0.004
		Total	**0.16**				

Total Vapor Mass Removed (lbs) = 0.16 **Total Run Time = 48.0**
Removal Rate 0.003 lbs/hr

Notes:

HVE = High-Vacuum Extraction
Where: VOCs Removed (lbs) = Influent Concentration (ppmv) X 10^{-6} X Influent Flow Rate (scfm)
X 1 lb-mole/379.5 ft^3 X 165.82 (lb/lb-mole) X Run Time (hours)x 60 (min/hour)

TABLE 3
SUMMARY OF TOTAL VOC MASS REMOVED DURING BATCH PUMPING
(Based on Field Influent Data & Laboratory-Derived Groundwater Analytical Data)
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

		Extracted GW Volume	Dissolved-Phase			Vapor Phase	Total VOCs Removed per Event	Cumulative VOCs Removed
Date	Run Time (hours)	Gallons	Influent Concentration PCE (µg/L)	GW VOC Mass Extracted (lbs)	Cumulative GW VOC Mass Extracted (lbs)	VVOC (from Table 2) (lbs)	(lbs)	(lbs)
MW-1S								
9/27/17	8.0	700	43	0.00025	0.00025	0.05	0.05	0.05
10/11/17	8.0	600	260	0.00130	0.00130	0.03	0.03	0.08
10/17/17	8.0	750	210	0.00131	0.00131	0.01	0.02	0.10
10/24/17	8.0	750	240	0.00150	0.00150	0.01	0.02	0.11
Gallons Extracted		2,800		0.00437	Vapor FCH Extracted	0.11		
MW-5S								
09/22/17	8.0	450	10	0.00004	0.00004	0.03	0.03	0.03
10/03/17	8.0	600	3.8	0.00002	0.00002	0.03	0.03	0.06
Gallons Extracted		1,050		0.00006	Vapor FCH Extracted	0.06		
Totals		**3,850**		**0.00442**		**0.16**		

TABLE 3
SUMMARY OF TOTAL VOC MASS REMOVED DURING BATCH PUMPING
(Based on Field Influent Data & Laboratory-Derived Groundwater Analytical Data)
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Total (lbs)	**0.17**

ug/L = Micrograms per liter
GW = Groundwater
lbs = Pounds
VOCs = Volatile organic compounds
Mass removed calculated as PCE
GWVOC = Groundwater Dissolved-Phase VOCs = gallons*3.785 liters/gal*influent (ug/liter)/1,000,000 ug/gram*1 lb/454 grams
VVOC = Vapor Phase VOCs Removed (lbs) = Influent Concentration (ppmv) X 10^{-6} X 100 X 1 lb-mole/379.5 ft^3 X 165.82 (lb/lb-mole) x influent flow (scfm) x runtime

TABLE 4A
SUMMARY OF SEPTEMBER 22, 2017 BATCH PUMPING DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date (mo/dy/y	Time (hr:min	Vacuum (in-Hg)	Flow (SCFM)	Oxygen (%)	Field Influent (ppmV)	Depth to GW (ft. BTOC)	H2O Extracted (gallons)	H2O Extraction Rate (gpm)
Extraction at LW-MW-5S									
MW-5S	9/22/17	12:30	19.5	114	NA	1.4	6.59	set stinger at 15'	
		13:00	19.5	114	NA	1.2		set stinger at 25'	
		13:15	19.5	114	NA	1.0		set stinger at 7'	
		14:15	19.5	114	NA	1.4		set stinger at 7'	
		14:30	19.5	114	NA	1.1		set stinger at 7'	
		15:30	19.5	114	NA	1.3		set stinger at 7'	
		15:45	19.5	114	NA	1.0		set stinger at 8'	
		16:45	19.5	114	NA	1.1		set stinger at 8'	
		17:00	19.5	114	NA	1.3		set stinger at 8'	
		18:00	19.5	114	NA	1.2		set stinger at 8'	
		18:15	19.5	114	NA	1.0		set stinger at 9'	
		19:15	19.5	114	NA	0.9		set stinger at 9'	
		20:15	19.5	114	NA	1.1		set stinger at 9'	
		20:30	Stop Ext.				NM		
		Ave.	19.50	114	---	1.2	---	450	0.94
Observation at MW-2S									
MW-2S	9/22/17	12:20	Initial				10.85		
		20:30	Final				10.95		
		Total Drawdown (ft.)					0.10		
Observation at MW-9S									
MW-9S	9/22/17	12:20	Initial				9.45		
		20:30	Final				9.26		
		Total Drawdown (ft.)					-0.19		

TABLE 4B
SUMMARY OF SEPTEMBER 27, 2017 BATCH PUMPING DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date (mo/dy/y	Time (hr:min	Vacuum (in-Hg)	Flow (SCFM)	Oxygen (%)	Field Influent (ppmV)	Depth to GW (ft. BTOC)	H2O Extracted (gallons)	H2O Extraction Rate (gpm)
Extraction at LW-MW-1S									
MW-1S	9/27/17	9:00	19.5	114	NA	1.7	7.98	set stinger at 10'	
		9:15	19.5	114	NA	1.4		set stinger at 15'	
		9:30	19.5	114	NA	1.8		set stinger at 18'	
		10:00	10.5	223	NA	1.2		set stinger at 9'	
		12:00	10.5	223	NA	1.1		set stinger at 10'	
		14:00	10.5	223	NA	1.3		set stinger at 10'	
		16:00	10.5	223	NA	1.2		set stinger at 11'	
		17:00	10.5	223	NA	1.0		set stinger at 11'	
		17:00	Stop Ext.				NM		
		Ave.	13.88	182	---	1.3	---	700	1.46
Observation at MW-2S									
MW-2S	9/27/17	9:00	Initial				11.12		
		17:00	Final				11.20		
		Total Drawdown (ft.)					0.08		
Observation at MW-9S									
MW-9S	9/27/17	9:00	Initial				9.47		
		17:00	Final				9.59		
		Total Drawdown (ft.)					0.12		
Observation at MW-10R									
MW-2S	9/27/17	9:00	Initial				7.69		
		17:00	Final				7.79		
		Total Drawdown (ft.)					0.10		
Observation at MW-12									
MW-2S	9/27/17	9:00	Initial				7.09		
		17:00	Final				7.40		
		Total Drawdown (ft.)					0.31		

TABLE 4C
SUMMARY OF OCTOBER 3, 2017 BATCH PUMPING DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date (mo/dy/y	Time (hr:min	Vacuum (in-Hg)	Flow (SCFM)	Oxygen (%)	Field Influent (ppmV)	Depth to GW (ft. BTOC)	H2O Extracted (gallons)	H2O Extraction Rate (gpm)
Extraction at LW-MW-5S									
MW-5S	10/3/17	8:20	19.0	120	19.7	1.3	7.02	set stinger at 29.7'	
		9:20	10.0	229	19.5	1.1		set stinger at 16'	
		10:20	10.0	229	19.6	0.9		set stinger at 17'	
		11:20	10.0	229	19.1	0.8		set stinger at 18'	
		12:20	19.0	120	19.3	0.7		set stinger at 29.7'	
		13:20	10.0	229	19.5	0.8		set stinger at 18'	
		14:20	19.0	120	19.7	0.5		set stinger at 29.7'	
		15:20	10.0	229	19.4	0.3		set stinger at 17'	
		16:20	10.0	229	19.3	0.3		set stinger at 17'	
		16:20	Stop Ext.				NM		
		Ave.	13.00	193	19.5	0.7	---	600	1.25
Observation at MW-2S									
MW-2S	10/3/17	9:00	Initial				11.12		
		17:00	Final				11.20		
		Total Drawdown (ft.)					0.08		
Observation at MW-9S									
MW-9S	10/3/17	9:00	Initial				9.47		
		17:00	Final				9.59		
		Total Drawdown (ft.)					0.12		
Observation at MW-10R									
MW-10SR	10/3/17	9:00	Initial				7.69		
		17:00	Final				7.79		
		Total Drawdown (ft.)					0.10		
Observation at MW-12									
MW-9S	10/3/17	9:00	Initial				7.09		
		17:00	Final				7.40		
		Total Drawdown (ft.)					0.31		

TABLE 4D
SUMMARY OF OCTOBER 11, 2017 BATCH PUMPING DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date (mo/dy/y	Time (hr:min	Vacuum (in-Hg)	Flow (SCFM)	Oxygen (%)	Field Influent (ppmV)	Depth to GW (ft. BTOC)	H2O Extracted (gallons)	H2O Extraction Rate (gpm)
Extraction at LW-MW-1S									
MW-1S	10/11/17	8:45	19.5	114	NA	1.1	9.79		
		9:45	19.5	114	NA	1.3		Stinger depth varied	
		10:45	19.5	114	NA	1.0		to avoid overheating	
		11:45	19.5	114	NA	1.2		and deadhead	
		12:45	19.5	114	NA	1.0			
		1:45	19.5	114	NA	1.3			
		2:45	19.5	114	NA	1.1			
		3:45	19.5	114	NA	1.1			
		4:45	19.5	114	NA	1.3	NM		
		Ave.	19.50	114	---	1.2	---	600	1.25
Observation at MW-2S									
MW-2S	10/11/17	8:45	Initial				10.87		
		4:00	Final				10.99		
		Total Drawdown (ft.)					0.12		
Observation at MW-9S									
MW-9S	10/11/17	8:45	Initial				9.89		
		4:00	Final				9.93		
		Total Drawdown (ft.)					0.04		
Observation at MW-10SR									
MW-10SR	10/11/17	8:45	Initial				8.12		
		4:00	Final				8.14		
		Total Drawdown (ft.)					0.02		
Observation at MW-12									
MW-12S	10/11/17	8:45	Initial				7.21		
		4:00	Final				7.26		
		Total Drawdown (ft.)					0.05		

TABLE 4E
SUMMARY OF OCTOBER 17, 2017 BATCH PUMPING DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date (mo/dy/y	Time (hr:min	Vacuum (in-Hg)	Flow (SCFM)	Oxygen (%)	Field Influent (ppmV)	Depth to GW (ft. BTOC)	H2O Extracted (gallons)	H2O Extraction Rate (gpm)
Extraction at LW-MW-1S									
MW-1S	10/17/17	8:30	10.0	229	NA	0.2	9.98		
		9:30	10.0	229	NA	0.4		Stinger depth varied	
		10:30	10.0	229	NA	0.3		to avoid overheating	
		11:30	10.0	229	NA	0.3		and deadhead	
		12:30	10.0	229	NA	0.4			
		1:30	10.0	229	NA	0.2			
		2:30	10.0	229	NA	0.3			
		3:30	10.0	229	NA	0.3			
		4:30	10.0	229	NA	0.4	NM		
		Ave.	10.00	229	---	0.3	---	750	1.56
Observation at MW-2S									
MW-2S	10/17/17	8:30	Initial				11.14		
		4:30	Final				11.50		
		Total Drawdown (ft.)					0.36		
Observation at MW-9S									
MW-9S	10/17/17	8:45	Initial				10.14		
		4:00	Final				10.19		
		Total Drawdown (ft.)					0.05		
Observation at MW-10SR									
MW-10SR	10/17/17	8:45	Initial				8.32		
		4:00	Final				8.36		
		Total Drawdown (ft.)					0.04		
Observation at MW-12									
MW-12S	10/17/17	8:45	Initial				7.89		
		4:00	Final				7.97		
		Total Drawdown (ft.)					0.08		

TABLE 4F
SUMMARY OF OCTOBER 24, 2017 BATCH PUMPING DATA
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

Well ID	Date (mo/dy/y	Time (hr:min	Vacuum (in-Hg)	Flow (SCFM)	Oxygen (%)	Field Influent (ppmV)	Depth to GW (ft. BTOC)	H2O Extracted (gallons)	H2O Extraction Rate (gpm)
Extraction at LW-MW-1S									
MW-1S	10/24/17	8930:0	19.5	114	NA	0.4	9.94		
		10:30	10.0	229	NA	0.3		Stinger depth varied	
		11:30	10.0	229	NA	0.4		to avoid overheating	
		12:30	10.0	229	NA	0.4		and deadhead	
		1:30	10.0	229	NA	0.3			
		2:30	10.0	229	NA	0.2			
		3:30	10.0	229	NA	0.3			
		4:30	10.0	229	NA	0.2			
		5:30	10.0	229	NA	0.3	NM		
		Ave.	11.06	216	---	0.3	---	750	1.56
Observation at MW-2S									
MW-2S	10/24/17	9:30	Initial				11.45		
		5:30	Final				11.68		
		Total Drawdown (ft.)					0.23		
Observation at MW-9S									
MW-9S	10/24/17	9:30	Initial				10.35		
		5:30	Final				10.38		
		Total Drawdown (ft.)					0.03		
Observation at MW-10SR									
MW-10SR	10/24/17	9:30	Initial				10.33		
		5:30	Final				10.36		
		Total Drawdown (ft.)					0.03		
Observation at MW-12									
MW-12S	10/24/17	9:30	Initial				7.64		
		5:30	Final				7.75		
		Total Drawdown (ft.)					0.11		

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INVESTIGATION SUMMARY REPORT

Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

EKI A70020.14

4 October 2019

www.ekiconsult.com
577 Airport Blvd., Suite 500 •Burlingame, CA 94010

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TABLE 5-1
SUMMARY OF ANALYTICAL RESULTS FOR PCE AND ITS COMMON DAUGHTER PRODUCTS
IN GRAB GROUNDWATER SAMPLES FROM JUNE 2017 TO PRESENT

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Analytical Results in Micrograms per Liter (µg/L)			
				PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Working Parties CAO Phase I Groundwater Investigation							
LTLW-GW-1	LTLWGW1-14	10-14	1/9/2018	**123 (a)**	<1	<1	<1
	LTLWGW1-26	22-26	1/9/2018	**7.78**	<0.5	<0.5	<0.5
	LTLWGW1-45	41-45	1/9/2018	**5.15**	<0.5	<0.5	<0.5
	LTLWGW1-63	59-63	1/9/2018	4.27	<0.5	<0.5	<0.5
	LTLWGW1-75	71-75	1/9/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-2	LTLWGW2-11	7-11	1/4/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-18	14-18	1/4/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-33	29-33	1/4/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-50	46-50	1/4/2018	1.41	<0.5	<0.5	<0.5
	LTLWGW2-76	72-76	1/4/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-3	LTLWGW3-14	10-14	1/9/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW3-26	22-26	1/9/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW3-45	41-45	1/9/2018	**31.7**	0.66	<0.5	<0.5
	LTLWGW3-63	59-63	1/10/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW3-75	71-75	1/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-4	LTLWGW4-14	10-14	1/10/2018	3.15	<0.5	<0.5	<0.5
	LTLWGW4-26	22-26	1/10/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-26-DUP	22-26	1/10/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-45	41-45	1/10/2018	**16.3**	<0.5	<0.5	<0.5
	LTLWGW4-63	59-63	1/10/2018	0.62	<0.5	<0.5	<0.5
	LTLWGW4-75	71-75	1/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-5	LTLWGW5-14	10-14	1/8/2018	**5.68**	<0.5	<0.5	<0.5
	LTLWGW5-14-DUP	10-14	1/8/2018	**6.67**	<0.5	<0.5	<0.5
	LTLWGW5-26	22-26	1/8/2018	**7.27**	<0.5	<0.5	<0.5
	LTLWGW5-42	38-42	1/8/2018	**15.7**	<0.5	<0.5	<0.5
	LTLWGW5-60	56-60	1/8/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW5-73	69-73	1/8/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-6	LTLWGW6-14	10-14	1/8/2018	**6.38**	0.7	0.64	<0.5
	LTLWGW6-26	22-26	1/8/2018	0.62	<0.5	<0.5	<0.5
	LTLWGW6-42	38-42	1/8/2018	0.56	<0.5	<0.5	<0.5
	LTLWGW6-60	56-60	1/8/2018	0.55	<0.5	<0.5	<0.5
	LTLWGW6-73	69-73	1/8/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-7	LTLWGW7-14	10-14	1/5/2018	1.27	<0.5	<0.5	<0.5
	LTLWGW7-26	22-26	1/5/2018	3.61	<0.5	<0.5	<0.5
	LTLWGW7-26-DUP	22-26	1/5/2018	3.48	<0.5	<0.5	<0.5
	LTLWGW7-42	38-42	1/5/2018	**28.6**	0.53	<0.5	<0.5
	LTLWGW7-60	56-60	1/5/2018	<0.5	<0.5	<0.5	<0.5
	LTLWGW7-73	69-73	1/5/2018	<0.5	<0.5	<0.5	<0.5
Trip Blank	TB_010518	NA	1/5/2018	<0.5	<0.5	<0.5	<0.5
Trip Blank	TB_010818	NA	1/8/2018	<0.5	<0.5	<0.5	<0.5
Trip Blank	TB_011018	NA	1/10/2018	<0.5	<0.5	<0.5	<0.5
Equipment Blank	EB_010518	NA	1/5/2018	<0.5	<0.5	<0.5	<0.5
Equipment Blank	EB_011018	NA	1/10/2018	<0.5	<0.5	<0.5	<0.5

TABLE 5-1
SUMMARY OF ANALYTICAL RESULTS FOR PCE AND ITS COMMON DAUGHTER PRODUCTS
IN GRAB GROUNDWATER SAMPLES FROM JUNE 2017 TO PRESENT

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Analytical Results in Micrograms per Liter (µg/L)			
				PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Working Parties CAO Phase II Groundwater Investigation							
LTLW-GW-8	LTLW-GW-8-26	22-26	10/2/2018	2.86	<0.5	<0.5	<0.5
	LTLW-GW-8-34	30-34	10/2/2018	3.39	<0.5	<0.5	<0.5
	LTLW-GW-8-46	42-46	10/2/2018	**145**	2.69	2.19	<1
	LTLW-GW-8-62	58-62	10/2/2018	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-8-76	72-76	10/2/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-9	LTLW-GW-9-26	22-26	10/3/2018	**7.8**	<0.5	<0.5	<0.5
	LTLW-GW-9-34	30-34	10/3/2018	**16.1**	1.06	0.67	<0.5
	LTLW-GW-9-34-DUP	30-34	10/3/2018	**16.3**	1.06	0.64	<0.5
	LTLW-GW-9-46	42-46	10/3/2018	**503**	**8.37**	**6.4**	<5
	LTLW-GW-9-62	58-62	10/3/2018	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-9-76	72-76	10/3/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-10	LTLW-GW-10-26	22-26	10/3/2018	**10.7**	<0.5	<0.5	<0.5
	LTLW-GW-10-26-DUP	22-26	10/3/2018	**9.44**	<0.5	<0.5	<0.5
	LTLW-GW-10-34	30-34	10/3/2018	**23.2**	<0.5	<0.5	<0.5
	LTLW-GW-10-46	42-46	10/3/2018	**148**	3.82	1.74	<1
	LTLW-GW-10-61	57-61	10/3/2018	**290**	**8.26**	5.04	<2.5
	LTLW-GW-10-74	70-74	10/3/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-11	LTLW-GW-11-26	22-26	10/4/2018	**63.3**	0.58	<0.5	<0.5
	LTLW-GW-11-34	30-34	10/4/2018	**596**	**29.2**	**18.1**	<5
	LTLW-GW-11-46	42-46	10/4/2018	**1,680**	**49.5**	**29.5**	<10
	LTLW-GW-11-60	56-60	10/4/2018	0.66	<0.5	<0.5	<0.5
	LTLW-GW-11-71	67-71	10/4/2018	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-11-71-DUP	67-71	10/4/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-12	LTLW-GW-12-26	22-26	10/4/2018	**6.3**	<0.5	<0.5	<0.5
	LTLW-GW-12-34	30-34	10/4/2018	**11.5**	<0.5	<0.5	<0.5
	LTLW-GW-12-46	42-46	10/4/2018	**10.9**	<0.5	<0.5	<0.5
	LTLW-GW-12-60	56-60	10/4/2018	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-12-71	67-71	10/5/2018	<0.5	<0.5	<0.5	<0.5
Equipment Blank	LTLW-GW-9-EQUIP	NA	10/3/2018	<0.5	<0.5	<0.5	<0.5
Trip Blank	TRIP BLANK	NA	10/3/2018	<0.5	<0.5	<0.5	<0.5
Trip Blank	TRIP BLANK	NA	10/4/2018	<0.5	<0.5	<0.5	<0.5
Equipment Blank	LTLW-GW-11-46-EQU	NA	10/4/2018	3.64	<0.5	<0.5	<0.5

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TABLE 5-1
SUMMARY OF ANALYTICAL RESULTS FOR PCE AND ITS COMMON DAUGHTER PRODUCTS IN GRAB GROUNDWATER SAMPLES FROM JUNE 2017 TO PRESENT

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Analytical Results in Micrograms per Liter (µg/L)			
				PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Working Parties CAO Phase III Groundwater Investigation							
LTLW-GW-13	LTLW-GW-13-18	14-18	3/13/2019	3.98	<0.5	<0.5	<0.5
	LTLW-GW-13-18-DUP	14-18	3/13/2019	3.62	<0.5	<0.5	<0.5
	LTLW-GW-13-29	25-29	3/13/2019	0.76	<0.5	<0.5	<0.5
	LTLW-GW-13-46	42-46	3/13/2019	**14.1**	<0.5	<0.5	<0.5
	LTLW-GW-13-62	58-62	3/13/2019	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-13-76	72-76	3/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-14	LTLW-GW-14-18	14-18	3/12/2019	**11.7**	<0.5	<0.5	<0.5
	LTLW-GW-14-29	25-29	3/12/2019	3.40	<0.5	<0.5	<0.5
	LTLW-GW14-46	42-46	3/12/2019	**40.4**	<0.5	<0.5	<0.5
	LTLW-GW-14-62	58-62	3/12/2019	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-14-62-DUP	58-62	3/12/2019	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-14-76	72-76	3/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-15	LTLW-GW-15-18	14-18	3/13/2019	**7.79**	<0.5	<0.5	<0.5
	LTLW-GW-15-29	25-29	3/13/2019	**7.17**	<0.5	0.92	<0.5
	LTLW-GW-15-46	42-46	3/13/2019	**94.4**	<1	1.75	<1
	LTLW-GW-15-62	58-62	3/13/2019	**11.0**	<0.5	<0.5	<0.5
	LTLW-GW-15-76	72-76	3/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	GW-16-10	6-10	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-16-28	24-28	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-16-40	36-40	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-16-44	40-44	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-16-DUP	40-44	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-16-54	50-54	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-16-69	65-69	4/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	GW-17-10	6-10	4/23/2019	<0.5	<0.5	<0.5	<0.5
	GW-17-28	24-28	4/23/2019	<0.5	<0.5	<0.5	<0.5
	GW-17-40	36-40	4/23/2019	<0.5	<0.5	<0.5	<0.5
	GW-17-44	40-44	4/23/2019	<0.5	<0.5	<0.5	<0.5
	GW-17-54	50-54	4/24/2019	<0.5	<0.5	<0.5	<0.5
	GW-17-69	65-69	4/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	GW-18-10	6-10	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-18-28	24-28	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-18-40	36-40	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-18-44	40-44	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-18-54	50-54	4/25/2019	0.640	<0.5	<0.5	<0.5
	GW-18-69	65-69	4/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-19	GW-19-10	6-10	4/26/2019	4.18	<0.5	<0.5	<0.5
	GW-19-20	16-20	4/26/2019	1.47	<0.5	<0.5	<0.5
	GW-19-28	24-28	4/26/2019	<0.5	<0.5	<0.5	<0.5
	GW-19-45	41-45	4/26/2019	**7.98**	<0.5	<0.5	<0.5
	GW-19-63	59-63	4/26/2019	<0.5	<0.5	<0.5	<0.5
	GW-19-73	69-73	4/26/2019	<0.5	<0.5	<0.5	<0.5

TABLE 5-1
SUMMARY OF ANALYTICAL RESULTS FOR PCE AND ITS CONVERSION DAUGHTER PRODUCTS
IN GRAB GROUNDWATER SAMPLES FROM JUNE 2017 TO PRESENT

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Analytical Results in Micrograms per Liter (µg/L)			
				PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Working Parties CAO Phase III Groundwater Investigation (contd)							
LTLW-GW-20	GW-20-10	6-10	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-20-32	24-28	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-20-45	41-45	4/25/2019	**14.2**	<0.5	<0.5	<0.5
	GW-20-52	48-52	4/25/2019	<0.5	<0.5	<0.5	<0.5
	GW-20-74	70-74	4/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	GW-21-11	7-11	4/22/2019	<0.5	<0.5	<0.5	<0.5
	GW-21-25	21-25	4/22/2019	<0.5	<0.5	<0.5	<0.5
	GW-21-36	32-36	4/22/2019	<0.5	<0.5	<0.5	<0.5
	GW-21-46	42-46	4/22/2019	<0.5	<0.5	<0.5	<0.5
	GW-21-58	54-58	4/22/2019	<0.5	<0.5	<0.5	<0.5
	GW-21-DUP	54-58	4/22/2019	<0.5	<0.5	<0.5	<0.5
	GW-21-72	68-72	4/23/2019	<0.5	<0.5	<0.5	<0.5
Equipment Blank	EQUIP. BLANK	NA	3/12/2019	<0.5	<0.5	<0.5	<0.5
Equipment Blank	EQUIPMENT BLANK	NA	4/22/2019	<0.5	<0.5	<0.5	<0.5
Equipment Blank	EQUIPMENT BLANK	NA	4/26/2019	<0.5	<0.5	<0.5	<0.5
Trip Blank	TRIP BLANK	NA	3/13/2019	<0.5	<0.5	<0.5	<0.5
Trip Blank	TRIP BLANK	NA	3/13/2019	<0.5	<0.5	<0.5	<0.5
Trip Blank	TRIP BLANK	NA	4/22/2019	<0.5	<0.5	<0.5	<0.5
Trip Blank	TRIP BLANK	NA	4/26/2019	<0.5	<0.5	<0.5	<0.5
Working Parties Voluntary Off-Site Groundwater Investigation							
KM1	KM1GW21	17-21	6/26/2017	<0.5	<0.5	<0.5	<0.5
	KM1GW32	28-32	6/26/2017	<0.5	<0.5	<0.5	<0.5
	KM1GW44	40-44	6/26/2017	<0.5	<0.5	<0.5	<0.5
	KM1GW70	66-70	6/26/2017	<0.5	<0.5	<0.5	<0.5
KM2	KM2GW21	17-21	6/26/2017	<0.5	<0.5	<0.5	<0.5
	KM2GW32	28-32	6/26/2017	<0.5	<0.5	<0.5	<0.5
	KM2GW44	40-44	6/26/2017	<0.5	<0.5	<0.5	<0.5
	KM2GW70	66-70	6/27/2017	<0.5	<0.5	<0.5	<0.5
TATA	TATAGW28	24-28	7/6/2017	<0.5	<0.5	<0.5	<0.5
	TATAGW48	44-48	7/6/2017	4.34	<0.5	<0.5	<0.5
	TATAGW64	60-64	7/6/2017	<0.5	<0.5	<0.5	<0.5
	TATAGW74	70-74	7/6/2017	<0.5	<0.5	<0.5	<0.5
	TATADUP	70-74	7/6/2017	<0.5	<0.5	<0.5	<0.5
LTB1	LTB1GW22	18-22	7/20/2017	1.01	<0.5	<0.5	<0.5
	LTB1GW32	28-32	7/20/2017	<0.5	<0.5	<0.5	<0.5
	LTB1GW45	41-45	7/20/2017	<0.5	<0.5	<0.5	<0.5
	LTB1GW52	48-52	7/20/2017	<0.5	<0.5	<0.5	<0.5
	LTB1GW74	70-74	7/20/2017	**9.57**	<0.5	<0.5	<0.5
LTB2	LTB2GW22	18-22	7/19/2017	0.68	<0.5	<0.5	<0.5
	LTB2GW32	28-32	7/19/2017	0.72	<0.5	<0.5	<0.5
	LTB2GW39	35-39	7/19/2017	<0.5	<0.5	<0.5	<0.5
	LTB2DUP	35-39	7/19/2017	<0.5	<0.5	<0.5	<0.5
	LTB2GW49	45-49	7/19/2017	<0.5	<0.5	<0.5	<0.5
	LTB2GW58	54-58	7/19/2017	<0.5	<0.5	<0.5	<0.5

TABLE 5-1
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IN GRAB GROUNDWATER SAMPLES FROM JUNE 2017 TO PRESENT

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Analytical Results in Micrograms per Liter (µg/L)			
				PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Working Parties Voluntary Off-Site Groundwater Investigation (contd)							
LTB3	LTB3GW22	18-22	7/19/2017	0.91	<0.5	<0.5	<0.5
	LTB3GW32	28-32	7/19/2017	1.18	<0.5	<0.5	<0.5
	LTB3GW45	41-45	7/19/2017	<0.5	<0.5	<0.5	<0.5
	LTB3GW52	48-52	7/20/2017	<0.5	<0.5	<0.5	<0.5
	LTB3GW74	70-74	7/20/2017	**5.48**	<0.5	<0.5	<0.5
LTB4	LTB4GW22	18-22	7/18/2017	1.03	<0.5	<0.5	<0.5
	LTB4DUP	18-22	7/18/2017	1.02	<0.5	<0.5	<0.5
	LTB4GW28	24-28	7/18/2017	0.58	<0.5	<0.5	<0.5
	LTB4GW39	35-39	7/18/2017	<0.5	<0.5	<0.5	<0.5
	LTB4GW49	45-49	7/18/2017	<0.5	<0.5	<0.5	<0.5
	LTB4GW58	54-58	7/19/2017	<0.5	<0.5	<0.5	<0.5
DUN1	DUN1GW24	20-24	6/23/2017	3.11	<0.5	<0.5	<0.5
	DUN1GW32	28-32	6/23/2017	0.93	<0.5	<0.5	<0.5
	DUN1GW56	52-56	6/23/2017	<0.5	<0.5	<0.5	<0.5
	DUN1GW70	66-70	6/23/2017	2.58	<0.5	<0.5	<0.5
DUN2	DUN2GW24	20-24	6/27/2017	**33.1**	0.59	<0.5	<0.5
	DUN2GW32	28-32	6/27/2017	**16**	<0.5	<0.5	<0.5
	DUN2GW56	52-56	6/27/2017	0.74	<0.5	<0.5	<0.5
	DUN2GW70	66-70	6/27/2017	1.03	<0.5	<0.5	<0.5
J1	J1GW24	20-24	6/27/2017	**5.35**	<0.5	<0.5	<0.5
	J1GW32	28-32	6/27/2017	**9.95**	<0.5	<0.5	<0.5
	J1GW56	52-56	6/27/2017	<0.5	<0.5	<0.5	<0.5
	J1GW70	66-70	6/27/2017	0.9	<0.5	<0.5	<0.5
J2	J2GW22	18-22	6/28/2017	**25**	<0.5	<0.5	<0.5
	J2GW39	35-39	6/28/2017	**694**	**14.3**	**6.18**	<0.5
	J2GW65	61-65	6/28/2017	<0.5	<0.5	<0.5	<0.5
	J2GW70	66-70	6/28/2017	<0.5	<0.5	<0.5	<0.5
J3	J3GW22	18-22	6/28/2017	3.46	<0.5	<0.5	<0.5
	J3GW39	35-39	6/28/2017	**351**	**11.6**	5.19	<0.5
	J3GW65	61-65	6/28/2017	<0.5	<0.5	<0.5	<0.5
	J3GW70	66-70	6/29/2017	<0.5	<0.5	<0.5	<0.5
J4	J4GW22	18-22	6/29/2017	**12**	<0.5	<0.5	<0.5
	J4GW39	35-39	6/29/2017	**718**	**14.4**	**10.4**	<0.5
	J4GW65	61-65	6/29/2017	<0.5	<0.5	<0.5	<0.5
	J4GW70	66-70	6/29/2017	0.53	<0.5	<0.5	<0.5
J5	J5GW22	18-22	6/29/2017	**18.5**	<0.5	<0.5	<0.5
	J5GW39	35-39	6/29/2017	**338**	**8.64**	3.65	<0.5
	J5GW65	61-65	6/29/2017	<0.5	<0.5	<0.5	<0.5
	J5GW70	66-70	6/30/2017	<0.5	<0.5	<0.5	<0.5
FIF	FIFGW23	19-23	6/30/2017	2.7	<0.5	<0.5	<0.5
	FIFGW40	36-40	6/30/2017	**27.3**	0.73	<0.5	<0.5
	FIFGW49	45-49	6/30/2017	**1,040**	**20.8**	**11.8**	<0.5
	FIFGW80	76-80	6/30/2017	0.51	<0.5	<0.5	<0.5

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TABLE 5-1
SUMMARY OF ANALYTICAL RESULTS FOR PCE AND ITS COMMON DAUGHTER PRODUCTS
IN GRAB GROUNDWATER SAMPLES FROM JUNE 2017 TO PRESENT

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Analytical Results in Micrograms per Liter (µg/L)			
				PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Working Parties Voluntary Off-Site Groundwater Investigation (contd)							
5E	5EGW23	19-23	7/5/2017	<0.5	<0.5	<0.5	<0.5
	5EGW40	36-40	7/5/2017	**63.3**	2.05	<0.5	<0.5
	5EGW49	45-49	7/5/2017	**124**	4.53	1.21	<0.5
	5EGW80	76-80	7/5/2017	<0.5	<0.5	<0.5	<0.5
ROG	ROGGW29	25-29	7/7/2017	<0.5	<0.5	<0.5	<0.5
	ROGDUP	25-29	7/7/2017	<0.5	<0.5	<0.5	<0.5
	ROGGW45	41-45	7/7/2017	<0.5	<0.5	<0.5	<0.5
	ROGGW53	49-53	7/7/2017	0.78	<0.5	<0.5	<0.5
	ROGGW73	69-73	7/7/2017	**30.5**	0.61	0.93	<0.5
TEN	TENGW29	25-29	6/23/2017	<0.5	<0.5	<0.5	<0.5
	TENGW45	41-45	6/23/2017	<0.5	<0.5	<0.5	<0.5
	TENGW53	49-53	6/23/2017	<0.5	<0.5	<0.5	<0.5
	TENGW73	69-73	6/23/2017	**22**	<0.5	<0.5	<0.5
J6	J6GW29	25-29	7/6/2017	<0.5	<0.5	<0.5	<0.5
	J6DUP	25-29	7/6/2017	<0.5	<0.5	<0.5	<0.5
	J6GW45	41-45	7/6/2017	<0.5	<0.5	<0.5	<0.5
	J6GW53	49-53	7/6/2017	0.68	<0.5	<0.5	<0.5
	J6GW73	69-73	7/6/2017	**99.1**	1.45	1.16	<0.5
Equipment Blank	TATA01	NA	7/6/2017	<0.5	<0.5	<0.5	<0.5
Equipment Blank	J6GW01	NA	7/6/2017	<0.5	<0.5	<0.5	<0.5
Equipment Blank	ROGGW01	NA	7/7/2017	<0.5	<0.5	<0.5	<0.5
Equipment Blank	ROGGW02	NA	7/7/2017	<0.5	<0.5	<0.5	<0.5
Equipment Blank	LTB301	NA	7/19/2017	<0.5	<0.5	<0.5	<0.5
Equipment Blank	LTB101	NA	7/20/2017	<0.5	<0.5	<0.5	<0.5
California Maximum Contaminant Level (MCL)				*5*	*5*	*6*	*0.5*

Abbreviations:

µg/L - micrograms per liter

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit

cis-1,2-DCE - cis-1,2-dichloroethylene

NA - not applicable

PCE - tetrachloroethylene or perchloroethylene

TCE - trichloroethylene

Notes:

(a) **Bold** value indicates that chemical concentration in sample is greater than the respective State of California MCL.

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TABLE 5-2

SUMMARY OF RECENT ANALYTICAL RESULTS FOR ON-SITE AND OFF-SITE PASSIVE SOIL GAS AND MANHOLE GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample ID	Sample Depth Interval (inches bgs)	Sample Date	Analytical Results in Nanograms (ng) per Sampling Device			
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride
On-Site - Background Locations						
PSG-1	36	11/12/2018	20	<10	<10	<10
PSG-2	36	11/12/2018	307	<10	<10	<10
PSG-3	24	11/12/2018	629	175	64	<10
PSG-3 Dup	24	11/12/2018	368	155	59	<10
PSG-4	24	11/12/2018	8,221	11	<10	<10
On-Site - Sanitary Sewer Pipeline Trench						
PSG-5	36	11/12/2018	62	<10	<10	<10
PSG-6	36	11/12/2018	55	12	<10	<10
PSG-6 Dup	36	11/12/2018	75	19	<10	<10
On-Site - Potable Water Line Trench						
PSG-7	12	11/12/2018	33	<10	<10	<10
PSG-8	12	11/12/2018	<10	<10	<10	<10
On-Site - Storm Drain Line Pipe Trench						
PSG-9	12	11/12/2018	10,095	273	996	7 J
PSG-10	18	11/12/2018	628	8 J	<10	<10
PSG-11	24	11/12/2018	4,062	15	<10	<10
PSG-12	12	11/12/2018	303	<10	<10	<10
PSG-13	12	11/12/2018	37	<10	<10	<10
On-Site - Sanitary Sewer Manhole						
PSG-14	52	11/12/2018	26	<10	<10	<10
On-Site - Storm Drain Manhole						
PSG-15	22.8	11/12/2018	<10	<10	<10	<10
PSG-16	42	11/12/2018	36	<10	<10	<10
PSG-17	44	11/12/2018	7 J	<10	<10	<10
Trip Blank	NA	11/12/2018	<10	<10	<10	<10
Off-Site - Glorene Avenue						
OPSG-1	30	1/15/2019	87	<10	<10	<10
OPSG-2	30	1/15/2019	98	9 J	<10	<10
OPSG-3	30	1/15/2019	39	<10	<10	<10
OPSG-4	30	1/15/2019	55	<10	<10	<10
OPSG-4 Dup	30	1/15/2019	56	<10	<10	<10
OPSG-5	30	1/15/2019	87	<10	<10	<10
OPSG-7	30	1/15/2019	69	<10	<10	<10
OPSG-8	30	1/15/2019	114	<10	<10	<10
OPSG-10	30	1/15/2019	108	<10	<10	<10
OPSG-12	30	1/15/2019	17	<10	<10	<10
OPSG-13	30	1/15/2019	228	11	<10	<10
OPSG-15	30	1/15/2019	18	<10	<10	<10
OPSG-17	30	1/15/2019	<10	<10	<10	<10
OPSG-18	30	1/15/2019	22	<10	<10	<10
OPSG-20	24	1/15/2019	252	9 J	<10	<10

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Table 5-2

SUMMARY OF RECENT ANALYTICAL RESULTS FOR ON-SITE AND OFF-SITE PASSIVE SOIL GAS AND MANHOLE GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample ID	Sample Depth Interval (inches bgs)	Sample Date	Analytical Results in Nanograms (ng) per Sampling Device			
			PCE	TCE	cis-1,2-DCE	Vinyl Chloride
Off-Site - Napa (Parking Lot and Landscaping)						
OPSG-6	30	1/15/2019	11	<10	<10	<10
OPSG-9	30	1/15/2019	8 J	<10	<10	<10
OPSG-11	30	1/15/2019	14	<10	<10	<10
OPSG-14	30	1/15/2019	7 J	<10	<10	<10
OPSG-16	30	1/15/2019	<10	<10	<10	<10
OPSG-19	30	1/15/2019	9 J	<10	<10	<10
OPSG-21	18	1/15/2019	<10	<10	<10	<10
OPSG-22	18	1/15/2019	<10	<10	<10	<10
OPSG-23	18	1/15/2019	<10	<10	<10	<10
OPSG-24	18	1/15/2019	<10	<10	<10	<10
OPSG-24 Dup	18	1/15/2019	<10	<10	<10	<10
OPSG-25	18	1/15/2019	8 J	<10	<10	<10
OPSG-26	18	1/15/2019	<10	<10	<10	<10
Off-Site - Napa (Within Building)						
OPSG-27	18	1/15/2019	34	<10	<10	<10
OPSG-28	18	1/15/2019	12	<10	<10	<10
OPSG-29	18	1/15/2019	13	<10	<10	<10
OPSG-30	18	1/15/2019	12	<10	<10	<10
OPSG-31	18	1/15/2019	24	<10	<10	<10
OPSG-31 Dup	18	1/15/2019	17	<10	<10	<10
OPSG-32	18	1/15/2019	25	<10	<10	<10
OPSG-33	18	1/15/2019	22	<10	<10	<10
OPSG-34	18	1/15/2019	8 J	<10	<10	<10
OPSG-35	18	1/15/2019	18	<10	<10	<10
Trip Blank	NA	1/15/2019	<10	<10	<10	<10
Tucker Avenue Basin						
TABSG-1	30	8/12/2019	20	<10	<10	<10
TABSG-1 Dup	30	8/12/2019	33	<10	<10	<10
TABSG-2	30	8/12/2019	255	11	<10	<10
TABSG-3	30	8/12/2019	106	<10	<10	<10
TABSG-4	30	8/12/2019	<10	<10	<10	<10
TABSG-5	30	8/12/2019	26	<10	<10	<10
TABSG-6	30	8/12/2019	2,020	<10	<10	<10
TABSG-7	30	8/12/2019	411	101	<10	<10
TABSG-7 Dup	30	8/12/2019	308	74	<10	<10
TABSG-8	30	8/12/2019	466	<10	<10	<10
TABSG-9	30	8/12/2019	275	<10	<10	<10
TABSG-10	30	8/12/2019	171	<10	<10	<10
Trip Blank	NA	8/12/2019	<10	<10	<10	<10

Abbreviations:

1,1-DCE - 1,1-dichloroethylene

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit

cis-1,2-DCE - cis-1,2-dichloroethylene

NA - not applicable

ng - nanograms

PCE - tetrachloroethylene or perchloroethylene

TCE - trichloroethylene

trans-1,2-DCE - trans-1,2-dichloroethylene

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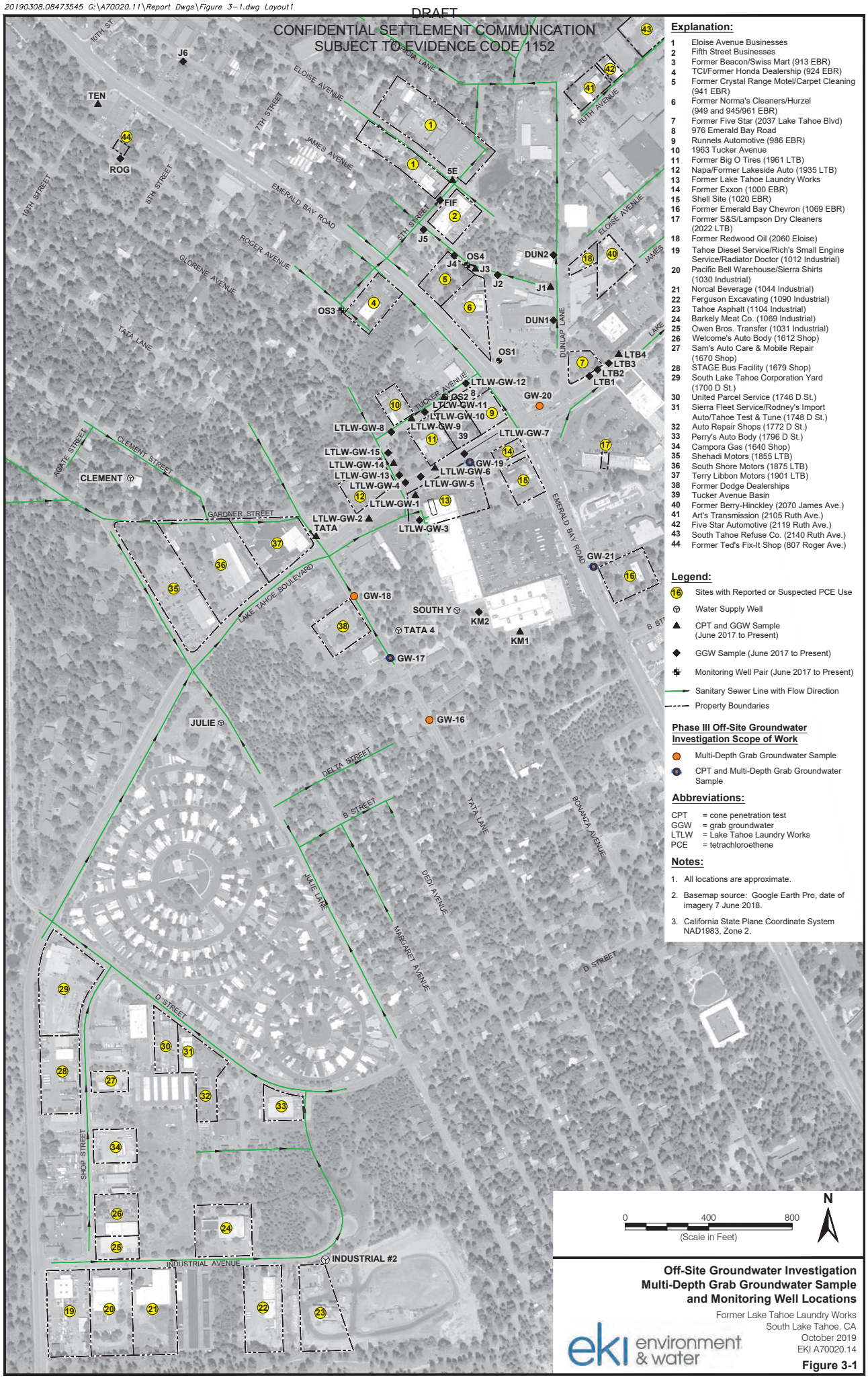

Explanation:

1. Eloise Avenue Businesses
2. Fifth Street Businesses
3. Former Beacon/Swiss Mart (913 EBR)
4. TCI/Former Honda Dealership (924 EBR)
5. Former Crystal Range Motel/Carpet Cleaning (941 EBR)
6. Former Norma's Cleaners/Hurzel (949 and 945/961 EBR)
7. Former Five Star (2037 Lake Tahoe Blvd)
8. 976 Emerald Bay Road
9. Runnels Automotive (986 EBR)
10. 1963 Tucker Avenue
11. Former Big O Tires (1961 LTB)
12. Napa/Former Lakeside Auto (1935 LTB)
13. Former Lake Tahoe Laundry Works
14. Former Exxon (1000 EBR)
15. Shell Site (1020 EBR)
16. Former Emerald Bay Chevron (1069 EBR)
17. Former S&S/Lampson Dry Cleaners (2022 LTB)
18. Former Redwood Oil (2060 Eloise)
19. Tahoe Diesel Service/Rich's Small Engine Service/Radiator Doctor (1012 Industrial)
20. Pacific Bell Warehouse/Sierra Shirts (1030 Industrial)
21. Norcal Beverage (1044 Industrial)
22. Ferguson Excavating (1090 Industrial)
23. Tahoe Asphalt (1104 Industrial)
24. Barkely Meat Co. (1069 Industrial)
25. Owen Bros. Transfer (1031 Industrial)
26. Welcome's Auto Body (1612 Shop)
27. Sam's Auto Care & Mobile Repair (1670 Shop)
28. STAGE Bus Facility (1679 Shop)
29. South Lake Tahoe Corporation Yard (1700 D St.)
30. United Parcel Service (1746 D St.)
31. Sierra Fleet Service/Rodney's Import Auto/Tahoe Test & Tune (1748 D St.)
32. Auto Repair Shops (1772 D St.)
33. Perry's Auto Body (1796 D St.)
34. Campora Gas (1640 Shop)
35. Shehadi Motors (1855 LTB)
36. South Shore Motors (1875 LTB)
37. Terry Libbon Motors (1901 LTB)
38. Former Dodge Dealerships
39. Tucker Avenue Basin
40. Former Berry-Hinckley (2070 James Ave.)
41. Art's Transmission (2105 Ruth Ave.)
42. Five Star Automotive (2119 Ruth Ave.)
43. South Tahoe Refuse Co. (2140 Ruth Ave.)
44. Former Ted's Fix-It Shop (807 Roger Ave.)

Legend:

- Sites with Reported or Suspected PCE Use
- Water Supply Well
- CPT and GGW Sample (June 2017 to Present)
- GGW Sample (June 2017 to Present)
- Monitoring Well Pair (June 2017 to Present)
- Sanitary Sewer Line with Flow Direction
- Property Boundaries

Phase III Off-Site Groundwater Investigation Scope of Work

- Multi-Depth Grab Groundwater Sample
- CPT and Multi-Depth Grab Groundwater Sample

Abbreviations:

CPT = cone penetration test
GGW = grab groundwater
LTLW = Lake Tahoe Laundry Works
PCE = tetrachloroethene

Notes:

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 7 June 2018.
3. California State Plane Coordinate System NAD1983, Zone 2.

Off-Site Groundwater Investigation
Multi-Depth Grab Groundwater Sample and Monitoring Well Locations

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
October 2019
EKI A70020.14

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Figure 3-1

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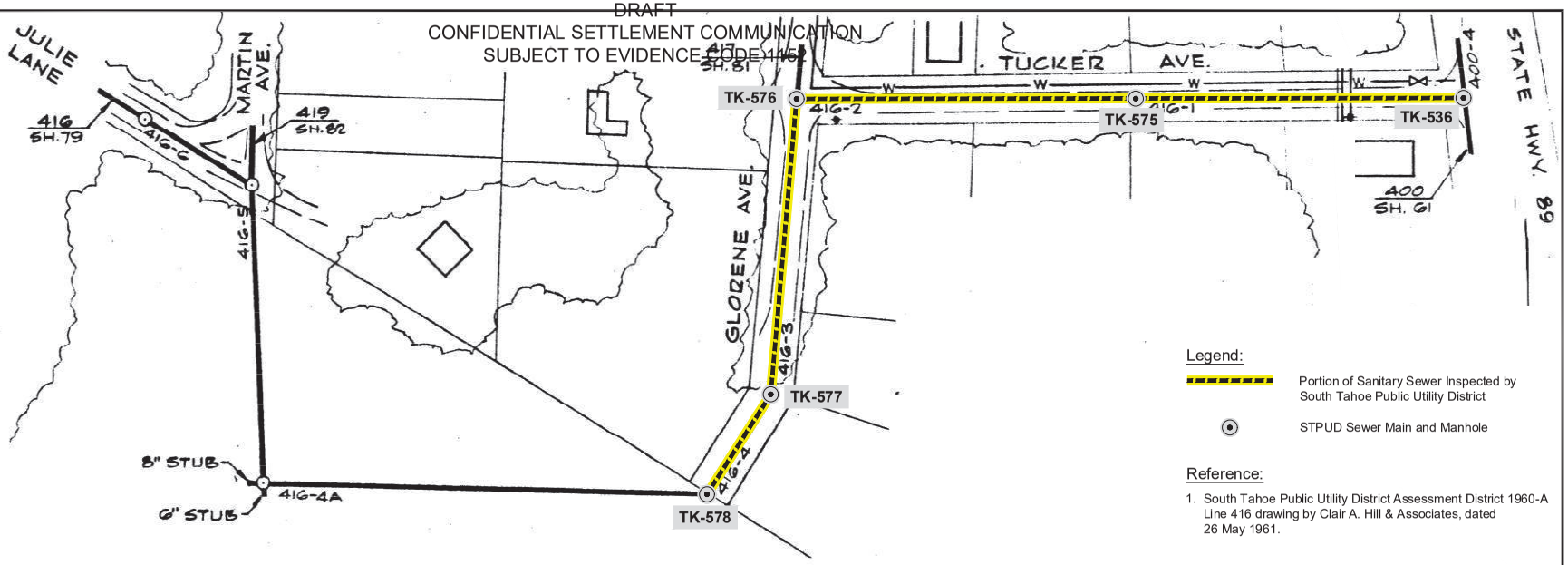

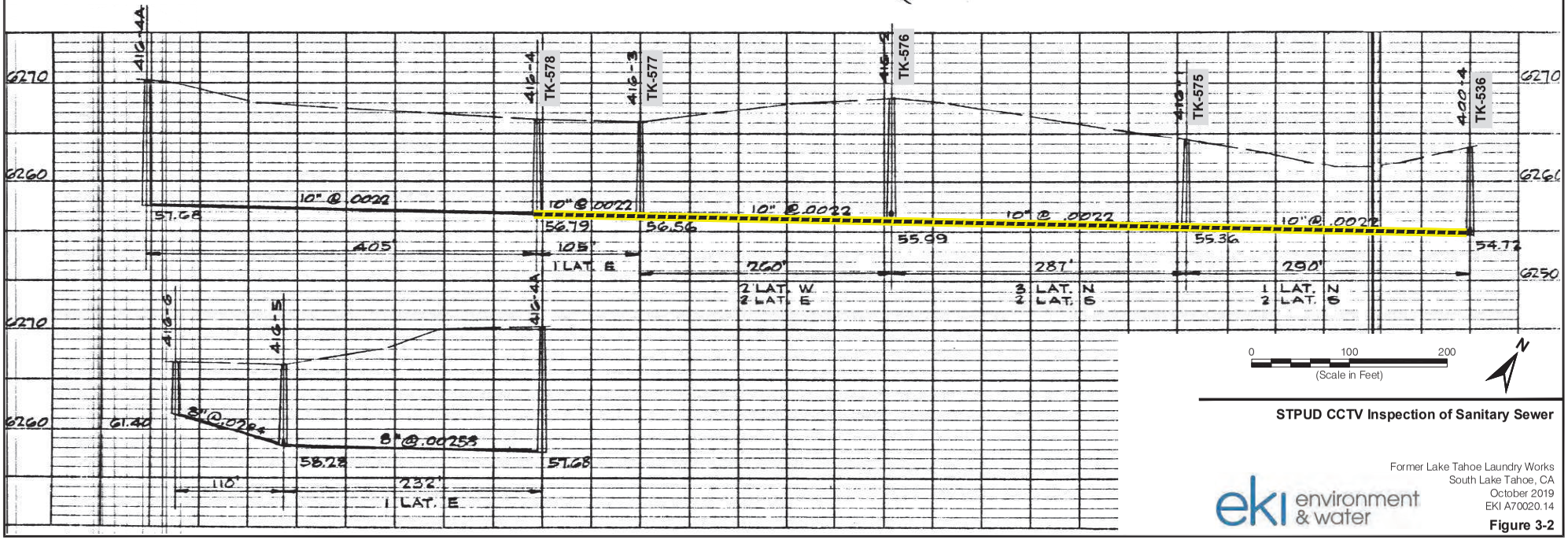

STPUD CCTV Inspection of Sanitary Sewer

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
October 2019
EKI A70020.14

Figure 3-2

20190315.08264897 G:\A70020.11\Report Dwgs\NewFigure 3-2.dwg Figure 3-2a

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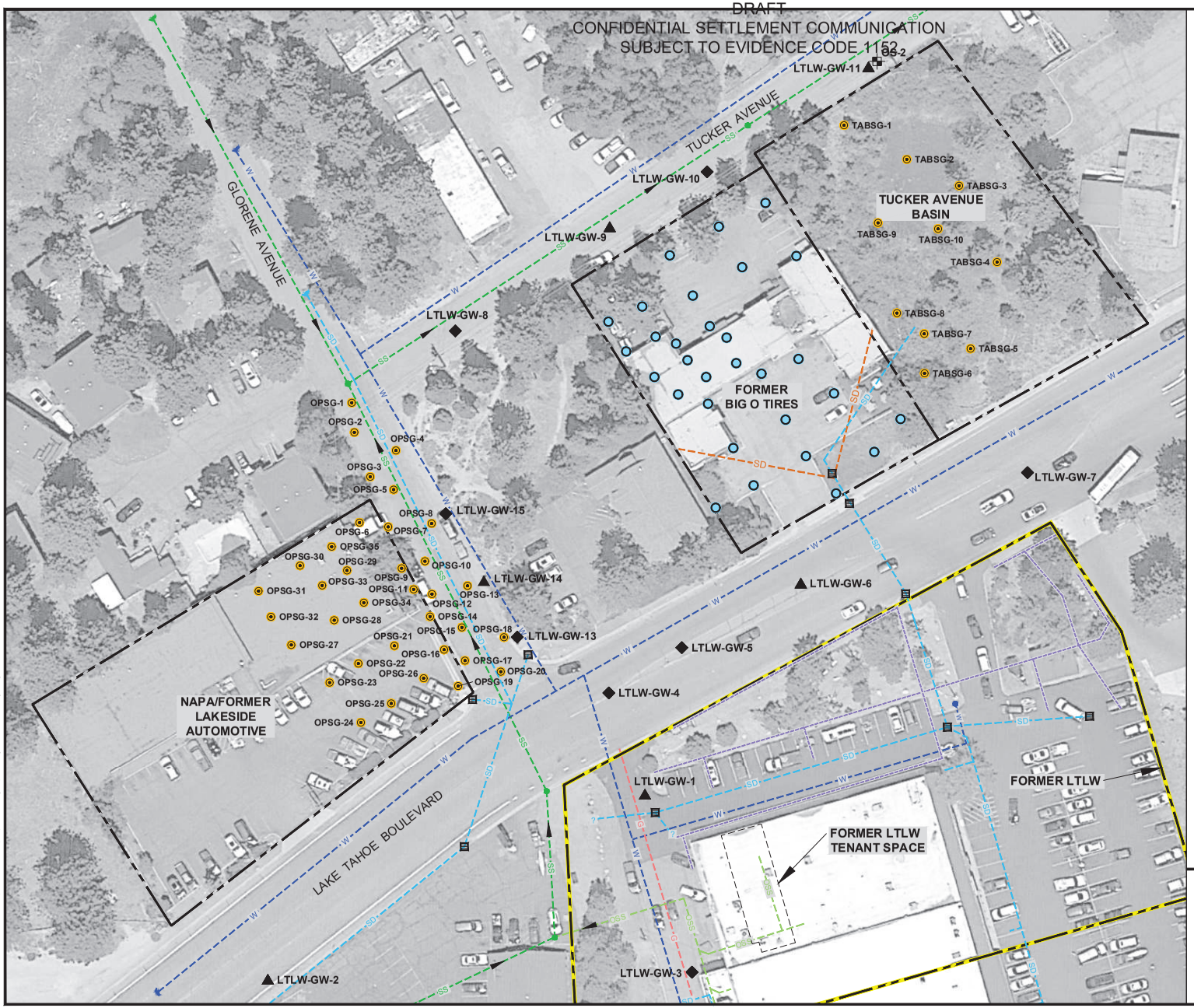

Legend:

- Approximate Property Boundaries
- OPSG-1 — Off-Site Passive Soil Gas Sample
- Pending Passive Soil Gas Sample
- LTLW-GW-9 — CPT and GGW Sample
- LTLW-GW-3 — GGW Sample
- OS-2 — Monitoring Well Pair
- SS — STPUD Sewer Main and Manhole
- OSS — On-Site Sewer Line
- W — Water Line and Fire Hydrant
- G — Natural Gas Line
- SD — Subsurface Stormwater System
- SD — Historical Subsurface Stormwater System Prior to 1987
- SVE Remediation System Trench
- Storm Drain Drop Inlet

Abbreviations:

CPT	= cone penetration test
GGW	= grab groundwater
LTLW	= Lake Tahoe Laundry Works
STPUD	= South Tahoe Public Utility District
SVE	= soil vapor extraction

Notes:

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 7 June 2018.

N

0 60 120
(Scale in Feet)

Data Gap Investigation - Completed and Pending Passive Soil Gas Samples

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
October 2019
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Figure 3-3

20190315.08264897 G:\A70020.11\Report Dwgs\NewFigure 3-2.dwg Figure 3-2a

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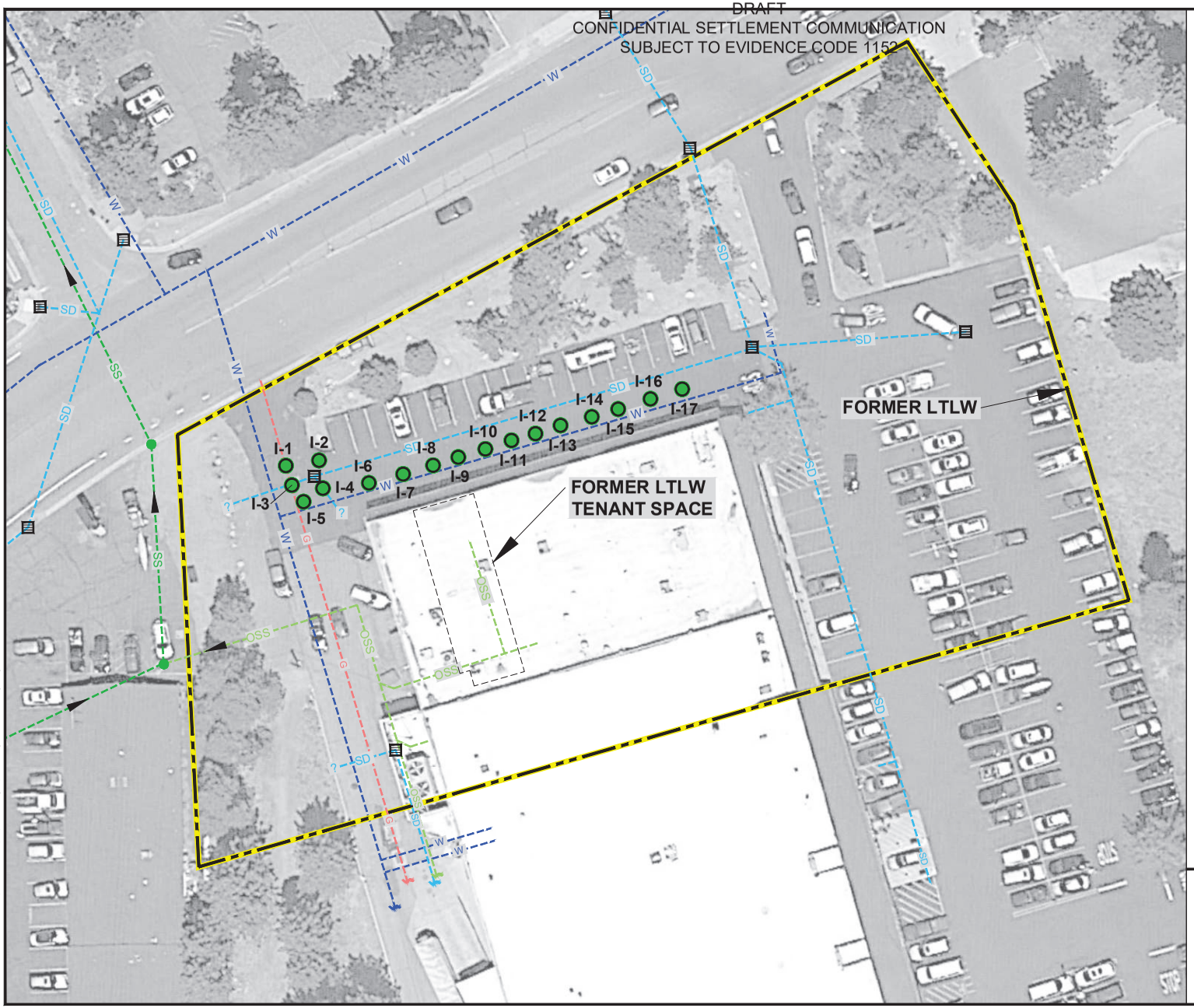

Legend:

- Approximate Property Boundaries
- STPUD Sewer Main and Manhole
- On-Site Sewer Line
- Water Line and Fire Hydrant
- Natural Gas Line
- Subsurface Stormwater System
- I-1 — Proposed Approximate ISCO Injection Location (See Note 3)
- Storm Drain Drop Inlet

Abbreviations:

ISCO	= In-Situ Chemical Oxidation
LTLW	= Lake Tahoe Laundry Works
STPUD	= South Tahoe Public Utility District

Notes:

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 7 June 2018.
3. ISCO injection locations and labels from "*E2C Work Plan to Perform Limited In-Situ Chemical Oxidation Pilot Test*", 31 July 2019.

N

0 40 80
(Scale in Feet)

Proposed In-Situ Chemical Oxidation Injection Locations

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
October 2019
EKI A70020.14

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Figure 3-4

20190315.08023584 G:\A70020.11\Report Dwgs_NewFigure 3-3.dwg Figure 3-3

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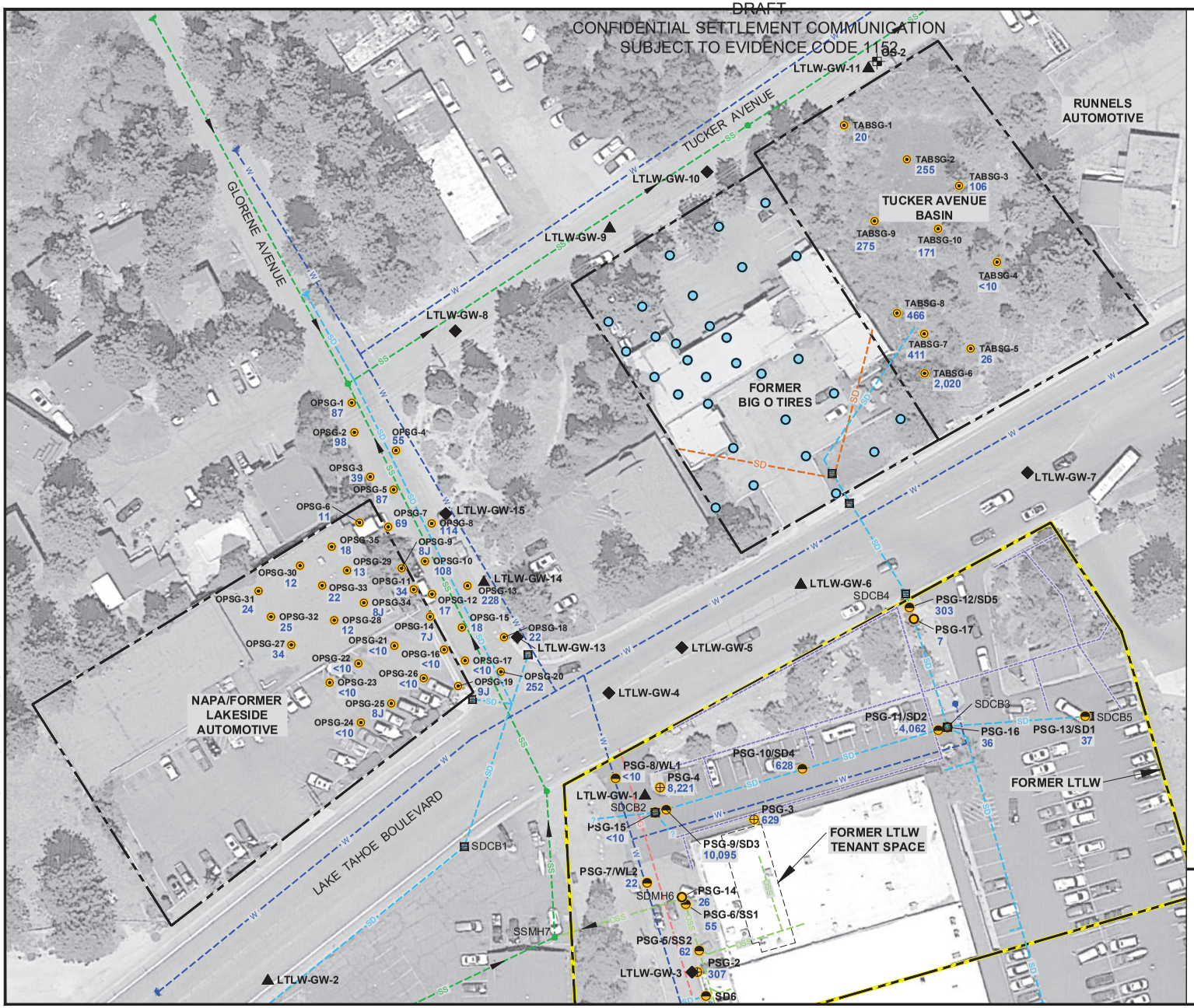

Legend:

- Approximate Property Boundaries
- OPSG-1 — Off-Site Passive Soil Gas Sample
- Pending Passive Soil Gas Sample
- PSG-10/SD5 — Stage 1 Utility Trench Vapor/Soil Boring
- PSG-4 — Stage 1 Background Soil Vapor Sample (Outside of Utility Trench)
- PSG-14 — Stage 1 Sewer/Storm Drain Vapor Sample
- LTLW-GW-9 — CPT and GGW Sample
- LTLW-GW-3 — GGW Sample
- OS-2 — Monitoring Well Pair
- 55 — PCE Mass in Nanograms in Passive Soil Gas Samples
- <10 — PCE Not Detected at or Above the Indicated Reporting Limit
- J — Estimated Concentration Detected Below Laboratory Reporting Limit
- SS — STPUD Sewer Main and Manhole
- OSS — On-Site Sewer Line
- W — Water Line and Fire Hydrant
- G — Natural Gas Line
- SD — Subsurface Stormwater System
- SD — Historical Subsurface Stormwater System Prior to 1987
- SVE Remediation System Trench
- Identifier for Sanitary Sewer Manholes (SSMH) and Storm Drain Catch Basins (SDCB)

Abbreviations:

CPT	= cone penetration test
GGW	= grab groundwater
LTLW	= Lake Tahoe Laundry Works
PCE	= tetrachloroethene
STPUD	= South Tahoe Public Utility District
SVE	= soil vapor extraction

Notes:

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 7 June 2018.

0 60 120
(Scale in Feet)

N

PCE in On-Site and Off-Site Passive Soil Gas Samples

Former Lake Tahoe Laundry Works
South Lake Tahoe, CA
October 2019
EKI A70020.14

Figure 5-1

20190315.08264897 G:\A70020.11\Report Dwgs\NewFigure 3-2.dwg Figure 3-2a

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING LTLW-SB-1

PID (ppm)	BLOWS/6IN	DEPTH (FT)	GRAPHICS	MATERIALS DESCRIPTION
				ASPHALT (7-inches thick)
				DARK BROWN FILL (FILL) 7.5YR 3/2, dry, fine- to course-grained sand, angular base rock up 1-inch in diameter (30% gravel, 60% sand, 10% fines)
0.1				STRONG BROWN WELL-GRADED SAND (SW) 7.5YR 5/6, moist, fine- to course-grained sand, rounded gravel up to 1/4-inch in diameter (5% gravel, 85% sand, 10% fines)
0.1		5		Tree root at 4 feet bgs; some BLACK (7.5RY 2.5/1) and GRAY (Gley 1 6/N) sediments from 4 to 5 feet bgs
0.1				
30.1		10		Color change to BROWN (7.5YR4/4)
				Increase gravel content to 10%, sub-rounded to sub-angular gravel up to 1.5-inches in diameter
0.2				BROWN POORLY-GRADED SAND (SP) 7.5YR 5/3, wet, medium- to coarse-grained sand (0% gravel, 95% sand, 5% fines)
		15		BROWN WELL-GRADED SAND (SW) 7.5YR 4/4, wet, very fine- to course-grained sand, sub-rounded to sub-angular gravel typically up to 1-inch in diameter, occasional rounded gravel up to 2-inches in diameter (10% gravel, 80% sand, 10% fines)
0.1				
0		20		
0.1		25		BROWN SILTY SAND (SM) 7.5YR 4/4, wet, very fine- to medium-grained sand (0% gravel, 70% sand, 30% fines)
0.1				BROWN WELL-GRADED SAND (SW) 7.5YR 4/4, wet, very fine- to course-grained sand (0% gravel, 90% sand, 10% fines)
0.2		30		
0		35		BROWN SANDY SILT (ML) 7.5YR 4/4, moist to wet, medium stiff, very fine- to fine-grained sand (0% gravel, 30% sand, 70% fines)
				BROWN POORLY-GRADED SAND (SP) 7.5YR 4/4, wet, medium- to coarse-grained sand (0% gravel, 90% sand, 10% fines)
				BROWN SILTY SAND (SM) 7.5YR 4/4, wet, very fine- to medium-grained sand (0% gravel, 85% sand, 15% fines)
0		40		BROWN SANDY SILT (ML) 7.5YR 4/4, moist to wet, medium stiff, very fine- to fine-grained sand (0% gravel, 30% sand, 70% fines)
				BROWN WELL-GRADED SAND (SW) 7.5YR 5/4, wet, very fine- to medium-grained sand (0% gravel, 90% sand, 10% fines)
0		45		
0		50		

(Continued)

PROJECT	Former Lake Tahoe Laundry Works	DIAMETER OF HOLE	4"-core, 6"-drive inches
LOCATION	1024 Lake Tahoe Blvd.	TOTAL DEPTH OF HOLE	100 feet
JOB NUMBER	1021.001.01	DRILL RIG	Sonic (TSI 150)
LOGGED BY	PDG	DATE STARTED	10/23/17
REVIEWED BY	PDG	DATE COMPLETED	10/23/17

PLATE **A-1**

LOG OF BORING/WELL LTLW_2017.GPJ PES_ENV.GDT 11/7/17

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING LTLW-SB-1

PID (ppm)	BLOWS/6IN	DEPTH (FT)	GRAPHICS	MATERIALS DESCRIPTION
				Color change to BROWN (7.5YR5/3)
0		55		
0		60		
0		65		
				Organic (BLACK 7.5YR 2.5/1) staining at 68 feet bgs
0		70		Iron oxide (REDDISH YELLOW 7.5YR 8/6) staining at 69 feet bgs
				GRAYISH BROWN SILTY SAND (SM) 10YR 5/2, wet, very fine- to coarse-grained sand, (0% gravel, 70% sand, 30% fines)
0		75		VERY DARK GRAY SILTY SAND (SM) 10YR 3/1, wet, very fine- to coarse-grained sand (0% gravel, 85% sand, 15% fines)
0		80		VERY DARK GRAY SILT (ML) 10YR 3/1, moist, medium stiff, low plasticity, very fine- to fine-grained sand (0% gravel, 5% sand, 95% fines)
0		85		
0		90		
0		95		
0		100		End boring at 100 feet bgs.

LOG OF BORING/WELL LTLW_2017.GPJ PES_ENV.GDT 11/7/17

PROJECT	Former Lake Tahoe Laundry Works	DIAMETER OF HOLE	4"-core, 6"-drive inches
LOCATION	1024 Lake Tahoe Blvd.	TOTAL DEPTH OF HOLE	100 feet
JOB NUMBER	1021.001.01	DRILL RIG	Sonic (TSI 150)
LOGGED BY	PDG	DATE STARTED	10/23/17
REVIEWED BY	PDG	DATE COMPLETED	10/23/17

PLATE

A-1

FIELD LOCATION OF BORING:

PROJECT NUMBER: 1950 BK 09 DATES DRILLED: 7/11/08 7/14/08

CLIENT: Lake Tahoe Laundry Works DRILLER: WOODWARD

LW-MW-1S/1D PAGE 1 OF 3

SITE ADDRESS: 1024 S. Lake Tahoe Blvd, Lake Tahoe, CA LOGGED BY: Bill Lawson

DRILLING METHOD AND EQUIPMENT: ~~Hollow Stem Augers~~ CASING ADVANCE

WATER LEVEL			
START TIME		END TIME	
DATE			

Depth (Feet)	SAMPLE NAME	Blow Count	PID	WELL/ BORING SPECIFICATIONS and CONSTRUCTION DIAGRAM	USCS Symbol	SOIL DESCRIPTION
						0-4" AC 4-18" BASEROCK
1-2			ϕ	FILL	SW	1.5- SAND (SW); damp to slightly moist; fine-grained; tannish gray; no odor
3-4						
5-6	R=31"	15/25/30/40/50 for 5"	ϕ		SW	5-5.5' SAME - slight cohesioning 5.5'SAND (SW): v. damp; fine-grained; lt yellow brown; ~~no~~ strong odor
	LW-MW-1-7		ϕ			
7					SW	7-6.5 mix of 5.5-6 & 7-8'
8-9						7' SAND (SW); fine; damp; white & lt gray; occas. flakes of mica; occas. gvl to 2" subr. No odor
10-11	R=36"	12/20/26/32/45/50 for 6		0700 7/15/08	SW	10-13' SAND (SW): damp; more % of dark minerals; reworked granodiorite; slight solv. odor
12				12▽		
13-14	LW-MW-1-13		120	1S ▽		initial heavy solvent odor
15-16	R=12"	20/30/50 for 6	410	Refusal at 12"	SP	15-16 SAND (SP): wet; salt & pepper w/ some orange; fine- to med. sand; slight odor
	LW-MW-1-15					
17-18						
19-20	R=0	1D ▽ 70 for 6" 8/16/08	1	Refusal @ 6"	SW	only stuff in barrell - took sample for PID reading only SAND (SW); wet; salt & pepper faint odor; fine sand; ~~no odor~~ not ~~non plastic~~ weak
21-22						
23-24						
25						

WELL / BORING CONSTRUCTION DETAILS:
SAMPLE USING 5' long CAL MOD split spoon

E,C Remediation
5300 Woodmere, Suite 105
Bakersfield, California 93313
Phone: (661) 831-6909
Fax: (661) 831-6234

Lake Tahoe Laundry Works
1024 South Lake Tahoe Boulevard
Lake Tahoe, California

LW-MW-1S/1D

FIELD LOCATION OF BORING:

PROJECT NUMBER: 1950 BK

DATES DRILLED: 7/11/08 7/14/08

CLIENT: Lake Tahoe Laundry Works

DRILLER: Woodward 7/15/08

SITE ADDRESS: 1024 S. Lake Tahoe Blvd, Lake Tahoe, CA

LOGGED BY: ~~Frank Stott~~ Bill Lawson

LW-MW-1S/1D

PAGE 2 OF 3

DRILLING METHOD AND EQUIPMENT: ~~Hollow Stem Augers~~ CASING ADVANCE

WATER LEVEL			
START TIME		END TIME	
DATE			

Depth (Feet)	SAMPLE NAME	Blow Count	PID	WELL/ BORING SPECIFICATIONS and CONSTRUCTION DIAGRAM	USCS Symbol	SOIL DESCRIPTION
25	R=20"	4/6/7/25/	545		ML	25-27.5 SILT (ML): damp; lt. gray w/ orange-brn (~5%); occas. lg sand + small gravel; faint odor
26	LW-MW-1-26	35/50				
27					SW	
28						
29						
30		5/8/30/		R=48"	ML	30-31 SILT (ML): damp; lt gray + mod yell. brn + ~5-10% mica
31		35/14/35/ 40/32/48 50 to 6"			SW	no odor; non-plastic fines
32	LW-MW-1-32		480		SP	31-32 SAND (SW): wet; lt gray; v. fine sand; no odor, strong
33					ML	32-33 SAND (SP): wet; salt + pepper; fine to med sand; no odor,
34			350	in the silt R=43"	SP	33-34 SILT (ML): damp; lt gray; no odor; low plastic fines; odor, slight
35					SP	34-med. sand in shoe
36					SW	35-36 SAND (SP): wet; salt + pepper; fine to med., most fine; no odor
37			610		SW	36-37 SAND (SW): wet; S+P; med.; v. strong VOC odor
38	LW-MW-1-38	25/40/45/50/50 to 6"/50 to 0				37-38.5 SAND (SW): wet; mod. yell brn + gray; v. fine sand; ~10% mica; VOC odor, stronger
39						
40			950	R=28" Refusal at 3'	SW	40-41 SAND (SW): wet; S+P; med. ~5% mica; Heavy VOC odor
41	LW-MW-1-41				SW	41-42 SAND (SW): wet; gray + iron brn, mottled; v. dense; v. fine sand; ~5% mica; odor, mod.
42						
43						
44						
45		20/35/40/42/	610	Refusal at 48' R=24"	SW	45-45.5 SAND (SW): wet; S+P; fine
46	LW-MW-1-46	38/46/45/40/50 to 0				45.5-47 SAND (SW): wet; mod. yell brn + gray; 5-10% mica; VOC odor; fine to med sand
47						
48						
49						
50						

WELL / BORING CONSTRUCTION DETAILS:

E2C Remediation
5300 Woodmere, Suite 105
Bakersfield, California 93313

Phone: (661) 831-6909
Fax: (661) 831-6234

Lake Tahoe Laundry Works
1024 South Lake Tahoe Boulevard
Lake Tahoe, California

LW-MW 1S/1D

FIELD LOCATION OF BORING:

PROJECT NUMBER: 1950 BK DATES DRILLED: 7/15/08 - 7/16/08

CLIENT: Lake Tahoe Laundry Works DRILLER: Woodward

SITE ADDRESS: 1024 S. Lake Tahoe Blvd, Lake Tahoe, CA LOGGED BY: ~~Frank Stott~~ Bill Lawson

DRILLING METHOD AND EQUIPMENT: ~~Hollow Stem Augers~~ CASING ADVANCE

WATER LEVEL			
START TIME		END TIME	
DATE			

Depth (Feet)	SAMPLE NAME	Blow Count	PID	WELL/ BORING SPECIFICATIONS and CONSTRUCTION DIAGRAM	USCS Symbol	SOIL DESCRIPTION
25						
26		25/32/41			SW	50-52.5 SAND (SW): wet; lt gray; fine sand;
27		42/44/46				
28	LW-MW-1-52.5	42/48/50 for 6			SP	52.5-54 SAND (SP): wet; lt. gray w/ iron-stain lense 3 to 1" thick; fine to med. sand; med sand forms fe-stained lenses
29			50	Refusal at 54' R=48"		
30		20/36/37/		R=36"	SM	54-58 SAND (SP): wet; fine to med sand; lt gray & lo fang brn; no odor
31		42/43/45/			SM	~5% mica
32	LW-MW-1-57	46/47/48 50 for 8"	650	R=48"	SP	55-57 SILTY SAND (SM): wet;
33					SP	lt gray & org. brn; 5% mica; slight odor; non-plastic fines ~ 10%
34						
35						
36						
37	WATER LEVELS AFTER WELL COMPLETIONS					
38						WELL CONSTRUCTION DETAILS
39	LW-MW-1S		LW-MW-1D			57-50.5 bentonite pellets NON-COATED
40	12.00' btoc		20.45' btoc			50.5-50 bottom thush-Thread cap
41						50-40 2" PVC Sch 40 pre-pack screen
42	MARKED LW-MW-1D w/ a D on side & casing					0.020" slot w/ #3 SAND
43	IS slightly shorter					50-39 add. #3 SAND to fill annulus
44						39-25 bentonite pellets, NON-coated
45						25-15 2" ID sch 40 pre-pack (#3 SAND) screen (0.020")
46						
47						25-14' #3 SAND to fill Annulus
48						14-11 bentonite, NON-coated; did not need to hydrate
49						11-1 neat cement grout
50						1-0 Top set in C-box in concrete

WELL / BORING CONSTRUCTION DETAILS:
Boring advanced using casing advance - temp casing not needed

E,C Remediation
5300 Woodmere, Suite 105
Bakersfield, California 93313
Phone: (661) 831-6909
Fax: (661) 831-6234

Lake Tahoe Laundry Works
1024 South Lake Tahoe Boulevard
Lake Tahoe, California

LW-MW-1S/1D

FIELD LOCATION OF BORING: NW corner planter area

PROJECT NUMBER: 1950 BK 09 DATES DRILLED: 7/17/08 7/22/08

CLIENT: Lake Tahoe Laundry Works DRILLER: WOODWARD

PAGE 1 OF 3

SITE ADDRESS: 1024 S. Lake Tahoe Blvd, Lake Tahoe, CA LOGGED BY: Bill Lawson

DRILLING METHOD AND EQUIPMENT: Hollow Stem Augers

WATER LEVEL			
START TIME		END TIME	
DATE			

Depth (Feet)	SAMPLE NAME	Blow Count	PID	WELL/ BORING SPECIFICATIONS and CONSTRUCTION DIAGRAM	USCS Symbol	SOIL DESCRIPTION
						HAND AUGER TO 5'
1						
2						FILL
3						
4				sample tube crushed in by	SP	4-8 SAND (SP): damp; mod. yell. brn; occas. gvl to 1" No odor
5	LW-MW-2-5			piece of lg gvl no sample collected		
6				place boring next to hole		
7				& collect 5' sample		
8				Drive 8-10.5 R=100%	SP	8-10.2 SAND (SP): damp to slightly moist; mod. yell brn + S+P; fine to med. sand
9						10.2-10.5 SAND (SW): slt by moist; lt gray; fine sand (in sample)
10	LW-MW-2-10		390	heavy odor ▽	SW	10.5-12 SAND (SW): wet; brn + gray; fine SAND, coarsens at 11-12 to med.
11			1300	VERY strong odor	SW	12' - SAND (SP): fine to med. S+P damp
12	LW-MW-2-12					water at 10.5'
13					SW	12-14 SAME
14						14-17 No Recovery
15		183	450	R=2' on S-P drive		
16	LW-MW-2-16				SP	16-17 SAND (SP): wet; fine to med; S+P good odor
17		125 Refusal		17-20' R=24"		2 large gravels at 16.5
18	LW-MW-18.5		970		SW	17-18 SAND (SW): wet; lt gray + S+P; fine SAND
19				19-23 R=36"	SP	18-19 SAND (SP): wet to S+P + org. brn; fine to med. SAND; mod. strong VOC odor
20	LW-MW-2-20.5	7200	765			19-19.5 SAME
21					SP	19.5-21 SAND (SP): wet; gray + S+P; med to coarse SAND;
22			46 for 36"	R=5'	SW	21-22 SAND (SW): wet; lt gray; fine
23			105 for 20"			SAND w/ occas. lg gvl; dk gray fine SAND lense at 21' (~1" thick)
24	LW-MW-2-24		650		SW	22-24 SAND (SW): wet; gray fine SAND
25						

WELL / BORING CONSTRUCTION DETAILS:
15' - Bolt sample using 2½ CAL MOD split-spoon by driving w/ pneumatic hammer

E2C Remediation
5300 Woodmere, Suite 105
Bakersfield, California 93313
Phone: (661) 831-6909
Fax: (661) 831-6234

Lake Tahoe Laundry Works
1024 South Lake Tahoe Boulevard
Lake Tahoe, California

LW-MW-2D/2S

FIELD LOCATION OF BORING: Lw Planter area - NW corner

PROJECT NUMBER: 1950 BK 09 DATES DRILLED: 7/17/08

CLIENT: Lake Tahoe Laundry Works DRILLER: WOODWARD

SITE ADDRESS: 1024 S. Lake Tahoe Blvd, Lake Tahoe, CA LOGGED BY: ~~Frank Stott~~ BILL LAWSON

PAGE 1 OF 3

DRILLING METHOD AND EQUIPMENT: Hollow Stem Augers

WATER LEVEL			
START TIME		END TIME	
DATE			

Depth (Feet)	SAMPLE NAME	Blow Count	PID	WELL/ BORING SPECIFICATIONS and CONSTRUCTION DIAGRAM	USCS Symbol	SOIL DESCRIPTION
25		>200			SP	24-26 SAND (SP): wet; lt. gray & S&P; fine to med. sand
26					SP	26-26.5 SAND (SP): wet; lt. gray S&P; some med. yell. brn; medium
27	LW-MW-2-27.5		1350		SW	SAND; strong VOC odor
28					SP	26.5 SAME SAND COARSENING
29						27-28 SAND (SW): wet; brn; ~5-7% SILT
30						28-29 SAND (SP): wet; brn & gray; med. to coarse sand
31	LW-MW-2-31		800	PIC 743 SILT		
32	LW-MW-2-32			PIC 744 SAND 930	ML	32' - softer driving
33				LW SAND IN SILT		29-30.5 SAME
34						30.5-31.5 SAND (SP): wet; gray w/ S&P & Fe-stained lenses
35		>200		R=30"	ML	31.5-32.5 SILT (ML): slightly damp;
36	LW-MW-2-36		680		SP	gray w/ fe-stained dry;
37					SP	35-35.5 SILT SAME AS 31.5-32.5
38			530		ML	
39					SP	35.5-37.5 SAND (SP): wet; gray & orange brn; fine to coarse
40		>200		R=60"	SP	37.5-37.8 SILT (ML): SAME AS SAND IN shoe
41						40-44 SAND (SP): wet same as 35.5-37.5; ~5% mica
42						
43	LW-MW-2-43		1225			heavy VOC odor
44			970		SW	44-45 SAND (SW): wet; gray & orange brn; v. fine; ~5% mica
45				R=20"		
46	LW-MW-2-46			Refusal @ 48	SW	45-46.3 SAND (SW): wet; same as 44-45; occas. thin lense
47			770	from v. fine sand		of fine to med. sand w/ heavy
48						fe-staining; strong solv. odor
49						4' of heaving sand in auger
50						

WELL / BORING CONSTRUCTION DETAILS:

E2C Remediation
5300 Woodmere, Suite 105
Bakersfield, California 93313
Phone: (661) 831-6909
Fax: (661) 831-6234

Lake Tahoe Laundry Works
1024 South Lake Tahoe Boulevard
Lake Tahoe, California

LW-MW-2D/2S

FIELD LOCATION OF BORING:

PROJECT NUMBER: 1950 BK 09 DATES DRILLED: 7/23/08

CLIENT: Lake Tahoe Laundry Works DRILLER: WOODWARD

PAGE 3 OF 3

SITE ADDRESS: 1024 S. Lake Tahoe Blvd, Lake Tahoe, CA LOGGED BY: Bill Lawson

DRILLING METHOD AND EQUIPMENT: Hollow Stem Augers

WATER LEVEL			
START TIME		END TIME	
DATE			

Depth (Feet)	SAMPLE NAME	Blow Count	PID	WELL/ BORING SPECIFICATIONS and CONSTRUCTION DIAGRAM	USCS Symbol	SOIL DESCRIPTION
1						Well CONSTRUCTION Details
2						~~49.5~~ 39.5 Lost 1' of hole
3						~~50.5~~ ~~40.5~~ Sch 40 PVC, 0.020' slot,
4						pre-pack (#3 SAND) 2" ID
5						49.5 ~~50.5~~ ~~38~~ Lonestar #3 SAND to fill
6						annulus, as needed
7						38-32.5 Uncoated bentonite
8						pellets
9						32.5 - 21.5 sch 40 PVC 2" ID,
10						0.020' slot, pre-pack (#3 SAND);
11						32.5-19 Lonestar #3 SAND to fill
12						ANNULUS, AS Needed
13						19 - 9 UNCOATED bentonite pellets
14						9-1 neat-cement grout
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

WELL / BORING CONSTRUCTION DETAILS:
PRIOR to augering and building for 2D, set temp. C-casing
Thru 15" HA to 32, pushed to 35; after building 2S, removed C-casing

E,C Remediation
5300 Woodmere, Suite 105
Bakersfield, California 93313
Phone: (661) 831-6909
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Lake Tahoe Laundry Works
1024 South Lake Tahoe Boulevard
Lake Tahoe, California

LW-MW-2D/2S

APPENDIX B

STANDARD OPERATING PROCEDURES (SOPS)

SOP-LF-1

LOW-FLOW GROUNDWATER SAMPLING

STANDARD OPERATING PPROCEDURE

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1.0 LOW FLOW GROUNDWATER SAMPLING

The purpose of the low flow purging and sampling procedure is to collect groundwater samples from monitoring wells that are representative of groundwater conditions by minimizing: disturbance of the geologic formation and in-well sediments; aeration of groundwater during sampling; and the volume of water removed during purging. Low flow sampling is performed by controlling the sampling pump flow rate to limit drawdown inside the well casing. Details of the low flow sampling protocols are presented below.

1.1 SAMPLING EQUIPMENT

Prior to the site visit, equipment and supplies will be collected that are appropriate for the site conditions and well construction. An equipment and supply checklist will be filled out prior to mobilization to the site (see Field Equipment Checklist). Details of the types of equipment needed for sample collection are provided below.

1.1.1 Extraction Devices

An extraction device will be used to collect water from the well at low flow. For wells with total depth to groundwater less than 25-feet, an adjustable rate peristaltic pump (Geotech Geopump or equivalent) will be used. For wells with groundwater deeper than 25-feet, an adjustable rate submersible pump (Geotech SS Geosub or equivalent) will be used. A water level measuring device capable of measuring to 0.01-foot accuracy using an electronic tape (Solinst Model 101 water level meter or equivalent) will be used. If non-aqueous phase liquids are anticipated, an interface probe capable of measuring non-aqueous phase liquid (NAPL) and water levels will be utilized.

1.1.2 Power Supply

A power source will be provided for the extraction device(s). For the peristaltic pump, a portable battery pack or external power source such as a car outlet or gasoline-powered portable generator may be used. For the submersible pump, a gasoline-powered portable generator will be used. This will be located downwind from the well so that exhaust fumes do not introduce potential contaminants to the groundwater samples.

1.1.3 Field Parameter Monitoring Instruments

Field parameters, including pH, electrical conductivity and temperature, will be monitored using an Oakton PCSTestr multi-parameter meter, or equivalent. Dissolved oxygen will be monitored with a YSI 550A dissolved oxygen meter and turbidity will be monitored with Hanna Instruments HI93703 portable microprocessor turbidity meter (or equivalent). In addition, oxidation-reduction potential (ORP), will be monitored with an Extech Instrument ExStik Model RE300 waterproof ORP meter (or equivalent).

1.1.4 Photoionization Detector (PID)

As appropriate, a PID instrument, the Thermo Environmental Instruments Model 580B OVM, will be used to monitor total organic vapors at the wellhead.

1.1.5 Health and Safety Equipment

For safety purposes, a reflective safety vest, steel-toed shoes and disposable nitrile gloves will be worn during groundwater sampling activities. Refer to the Health and Safety Plan for the site-specific personnel protective equipment and job hazards. The gloves will be changed between sampling of monitoring wells.

1.1.6 Equipment Calibration

Prior to groundwater sampling, monitoring equipment will be calibrated using appropriate standards. Calibration will be conducted at the beginning of the day. Maintenance checks and calibration of the equipment will be conducted according to the manufacturer's instructions. Calibration standards will be used for the turbidity meter (0 and 10 FTU solutions), for the multi-parameter meter (84 microsiemens per centimeter (µS/cm), 1,413 µS/cm, and 12,880 µS/cm solutions for electrical conductivity and 4.01 standard units (S.U.), 7.00 S.U., and 10.00 S.U. solutions for pH). A minimum of two standards will be used to bracket the measurement range for turbidity, electrical conductivity and pH. The ORP meter will be monitored using a +200 millivolts (mV; at 25 degrees Celsius) solution. The PID will be calibrated with a 100 parts per million isobutylene gas to within two-percent.

The dissolved oxygen meter will be calibrated using the elevation (Mean Sea Level) of the site, with a wet sponge at 100-percent saturation. Calibration will be documented on the Field Equipment Calibration Log (see Field Equipment Calibration Log).

1.2 SAMPLING SUPPLIES

Sampling supplies and forms will include tubing, decontamination supplies, calibration standards, sample containers and ice chest(s), flow measurement supplies, sample tags or labels, well keys, buckets, and documentation including logbook or forms and site and well details.

1.2.1 Tubing

For low flow well purge, 0.25-inch or 0.375-inch (outer diameter) disposal low-density polyethylene (LDPE) tubing will be used. When using the peristaltic pump, silastic tubing less than a foot in length will be used for the section between the rotor head and stator. The inner diameter of the silastic tubing will be less than or equal to the outer diameter of the polyethylene tubing. The silastic and LDPE tubing will be replaced between sampling of monitoring wells.

1.2.2 Decontamination

Decontamination supplies will include non-phosphate detergent, distilled/deionized water, spray bottles (one for distilled/deionized water and one for detergent and distilled/deionized water mixture) and drying supplies.

1.2.3 Sample Containers

Sample containers necessary for the analyses requested will be determined prior to site visit. Sample containers may include, but are not limited to: 40-milliliter volatile organic analysis glass vials (preserved with hydrochloric acid or unpreserved); 1-liter ambers (preserved with hydrochloric acid or unpreserved); and/or plastic bottles (in 250-milliliter, 500-milliliter, or 1-liter sizes and unpreserved or preserved with sulfuric acid, sodium hydroxide, or nitric acid). Ice chests will be used for samples requiring preservation at or below 4 degrees Celsius.

1.2.4 Miscellaneous Sampling Supplies

Additional sampling supplies that may be used during sampling include, but are not limited to: buckets to contain purge water; tools (to aid in opening well boxes and working on equipment); sample labels; freezer-grade plastic bags for individual sample bottle containment and for bagging of ice; measuring cup or graduated cylinder and stopwatch (to calculate flow rate); ice for sample preservation; umbrella for shading in summer or during rain events; appropriate well cap keys; paper towels for cleanup; traffic cones or signs; and digital camera for condition documentation, as appropriate (see Field Equipment Checklist).

1.2.5 Informational Materials and Forms

A copy of the Health and Safety Plan, monitoring well construction data, relevant work plans and/or standard operation procedures (SOPs), location map(s), field data from previous sampling event, instrument manufacturers manuals, and sampling forms will be brought for the sampling

event. Sampling forms may include, but are not limited to: field notebook or field record forms; field equipment calibration form; chain-of-custody forms; and/or groundwater quality sample collection field data sheets.

1.3 PERSONNEL QUALIFICATIONS AND HEALTH AND SAFETY

All field samplers working at sites containing hazardous waste will meet the requirements of the Occupational Safety and Health Administration (OSHA) regulations. This may include the sampler being 40-hour HAZWOPER trained and 8-hour HAZWOPER refresher trained in accordance with federal OSHA regulation 29 CFR 1910.120. Field samplers will also be trained in the use of the sampling equipment either prior to use of the equipment or onsite during the sampling by trained sampler. The sampling team will read, and be familiar with the site Health and Safety Plan and relevant SOPs.

1.4 PRE-SAMPLING OBSERVATIONS

Prior to sampling, the condition of the wellhead (i.e., well casing, well lock, marking, standing water at surface, condition of surface pad, and annular seal) will be checked and observations recorded. The well cap will then be removed and total organic compound concentration will be measured at the rim of the well with a PID instrument and recorded in field notebook or on field form.

1.5 DEPTH TO WATER MEASUREMENTS

Following the pre-sampling observations, the depth to groundwater will be measured at the groundwater monitoring wells using an electronic sounding device (either the Solinst Model 101 or interface probe) from the top of the well casing to the nearest 0.01-foot, using a reference point (usually a V-cut or indelible mark placed by the surveyor). If a reference mark is not evident, magnetic north on the edge of the well casing will be used. Groundwater elevations will be calculated using the top of casing elevations surveyed to the nearest 0.01-foot above Mean Sea

Level (NAVD 1988). The water levels will be measured in the shortest possible time before purging and sampling is conducted.

1.6 GROUNDWATER SAMPLE COLLECTION METHODOLOGY

Groundwater samples will be collected from monitoring wells following the United States Environmental Protection Agency (USEPA) and Department of Toxic Substances Control (DTSC) low-flow purge and sample collection technique guidelines (USEPA, 1996; DTSC, 2008).

1.6.1 Sampling Order

Monitoring wells will be sampled in order, starting with the well expected to contain the lowest concentration of chemicals; generally, as determined from the previous sampling event results or proximity to suspected source areas. Samples will be collected and containerized at each well according to the volatility of the target analyte, starting with the most volatile (e.g., solvents and fuel constituents) and gas sensitive chemicals (e.g., Fe^{2+}, CH_4, H_2S/HS^-, alkalinity). The sequence for inorganic parameters is irrelevant unless filtered samples are to be taken, as filtered samples should be collected last.

1.6.2 Purging and Sampling Criteria

The groundwater will be purged using either a peristaltic or submersible pump outfitted with disposable LDPE tubing. The intake of the tubing or submersible pump will be placed approximately mid-screen but at least a minimum of two-feet above the bottom of the well without contacting the bottom of the well. New, clean tubing will be used for the collection of groundwater samples at each monitoring well.

Following placement of the tubing or submersible pump, water from the well casing will be purged at a flow rate ranging from 100 to 500 milliliters (ml) per minute. Groundwater

parameter data including: temperature; pH; electrical conductivity; turbidity; ORP; and dissolved oxygen (DO) will be measured of the initial purge then every three to five minutes during well purging to monitor stability of parameters.

The water levels will also be monitored during purging and the pump flow rate adjusted accordingly to maintain a water level fluctuation of no more than 0.3-feet. "During the pump start-up, drawdown may exceed the 0.3-feet target and then recover as flow adjustments are made. Adjustments should be made within the first fifteen minutes of pumping in order to help minimize the purge time" (USEPA, 2010). "At a minimum, four parameter stabilization measurements should be recorded while purging" (DTSC, 2008). If the minimal drawdown that can be achieved exceeds 0.3-feet during pump start-up, but then remains stable, pumping will continue until field parameters stabilize. The volume of groundwater to be purged must be greater than the stabilized drawdown volume plus the tubing volume. If the drawdown has exceeded 0.3-feet and stabilizes, the final volume of groundwater to be purged must be greater than the volume of water between the initial water level and the stabilized water level plus the volume of water in the tubing (USEPA, 2010).

Where groundwater does not stabilize, remove a minimum of three well casing volumes prior to sample collection (DTSC, 2008). In the event the well is purged dry, groundwater samples should be collected "as soon as a sufficient volume of groundwater has entered the well to enable collection of the necessary groundwater samples. Re-purging should be performed if a well is inactive for more than 24-hours after full recharge" (DTSC, 2008). If wells consistently purge dry, evaluate the use of passive sampling methods for future groundwater-monitoring events.

1.6.3 Sample Collection

Groundwater samples will then be collected into laboratory supplied sample containers with the appropriate preservatives once the indicator parameters measured during purging have stabilized for three consecutive readings, as follows: plus/minus 3-percent for temperature (minimum of plus/minus 0.2 degrees Celsius); plus/minus 0.1 Standard Units (S.U.) for pH; plus/minus 3-

percent for specific conductance; plus/minus 10 millivolts for ORP; and plus/minus 0.3 milligrams per liter for DO (DTSC, 2008).

Following parameter stabilization, groundwater samples for laboratory analysis will be collected into the sample containers by directing the flow from the discharge tubing along the container sides to minimize aeration. The sample containers will be filled to the top of the container rim then capped. For groundwater samples collected into 40-milliliters volatile organic analysis (VOA) vials preserved with hydrochloric acid, remove the cap and fill, taking care not to overflow and lose preservative. Place the cap on each VOA and then turn upside down to check for air bubbles. If bubbles are present, discard and collect groundwater samples into new VOAs. If a VOA appears to effervesce when collected into a VOA preserved with hydrochloric acid, a new sample will be collected into an unpreserved container and checked for air bubbles.

1.6.4 Sample Preservation, Storage, and Quality Control

Preservatives used in sample collection will be recorded on field data forms. Following sample collection, the samples will be labeled, placed in a chilled cooler with ice (to maintain temperature at or below 4 degree Celsius) and transported to a primary California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory for chemical analysis following the chain-of-custody procedures outlined in ASTM D 4840. Trip blanks and equipment blanks, as appropriate, will be transported with the primary samples for chemical analysis. A duplicate sample will also be collected and submitted to a secondary CDPH ELAP certified laboratory, for chemical analysis following the chain-of-custody procedures outlined in ASTM D 4840.

1.7 DECONTAMINATION

All non-disposable sampling equipment will be decontaminated prior to use in the first well and then each well following. If using a submersible pump, decontaminating solutions will be pumped from buckets with a non-phosphate detergent solution then flushed with potable or

distilled/deionized water to remove detergent solution. Water level and well depth measurement equipment will be decontaminated prior to use at each well.

1.8 MANAGEMENT OF INVESTIGATION-DERIVED WASTES

Investigation-derived wastes (IDWs), those materials generated during the process of sampling at the site will be managed in accordance with applicable regulatory requirements. IDWs are anticipated to include: groundwater, decontamination fluids, personal protective equipment (PPE) and disposable sampling equipment.

Management of IDW must comply with applicable regulations. Potential applicable regulations include: the Resource Conservation and Recovery Act (RCRA), Clean Air Act (CAA), Clean Water Act (CWA), Safe Drinking Water Act (SDWA) and legally enforceable state regulations.

Waste generated during implementation of the work will be containerized in United States Department of Transportation (USDOT)-approved containers, labeled and stored in a secure area at the site. The containers will be labeled including USEPA generator ID, generator contact information, accumulation date and type of waste. The IDWs will then be characterized to determine appropriate waste disposal options.

2.0 REFERENCES

ASTM, *Standard Guide for Sample Chain-of-Custody Procedures D 4840-99* (ASTM D 4840).

California Environmental Protection Agency, Department of Toxic Substances Control, *Representative Sampling for Groundwater for Hazardous Substances. Guidance Manual for Groundwater Investigations*, July 1995, Revised February 2008 (DTSC, 2008).

USEPA, *Low-Flow (Minimal Drawdown) Ground-water Sampling Procedures, Office of Research and Development, Washington D.C., EPA/540/S-95/504*, April 1996 (USEPA, 1996).

USEPA, Ground-Water Sampling Guidelines for Superfund and RCRA Project Managers, EPA 542-S-02-001, May 2002(USEPA, 2002).

USEPA, *Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells*. Regional 1 Low-Stress (Low-Flow) SOP, EQASOP-GW 001, July 30 1996, Revised January 19, 2010.

WEST
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FIELD EQUIPMENT CHECKLIST

Project: _____ **Date:** _____

Need	*Have*	**Safety Equipment**
		gloves (work and nitrile)
		hard hat
		steel-toe safety shoes
		respirator
		reflective safety vest
		Tyvek suit

		Sampling Equipment
		PID (Model 580B OVM) w/ calibration kit + charger
		Dust monitor (Thermoscientific pDR-100AN)
		Hand auger kit
		Sample pole/cup holder
		Peristaltic pump (Geotech Geopump) & battery pack
		Submersible pump (Geotech SS Geosub Pump) &Reel
		Pump controller (Geotech SS Geosub) & 2 Cables
		Generator
		Interface probe
		Water level meter (Solinst Model 101)
		Dissolved Oxygen meter (YSI 550A)
		Temp., pH, EC meter (Oakton PCSTestr)
		ORP meter (Ectech ExStik Model RE300)
		Turbidity meter (Hanna Instruments HI 93703)
		Power supply/battery
		Helium shroud (soil gas)
		Helium detector (soil gas)

		Sample Containers
		Summa canisters (1L/6L) _____ (soil gas)
		Manifolds w/ vacuum meter _____ (soil gas)
		Brass liners/end caps (soil)
		Glass jars w/ teflon-lined lids (soil)
		VOAs-preserved/unpreserved (water)
		Ambers (water)
		Plastic-sizes:_____(water)
		5 gallon jug (water)
		Trip Blank (water)

		Documentation
		Field Notebook/Field Record
		COCs
		Field Data Sheets (types:_____)
		Work Plan (Document:_____)
		HASP
		Boring Logs

Need	*Have*	**Supplies**
		Buckets/drums ____/____
		Paper towels
		Cooler/ice
		Wrench set
		Sample labels
		Tubing (tygon, 1/4", 3/8", 1/2")
		Distilled/deionized water
		Calibration standards
		Baggies
		Toolbox
		Bailers
		Batteries (9V/AA/AAA)
		Pens/Markers
		Measuring wheel/tape
		USA paint
		Drum labels
		Bolt Cutters
		Spray bottles/alconox
		Garbage bags
		Well key (dolphin)
		Traffic cones/signs ____/____
		String
		Drum spanner
		Locking caps/locks
		Measuring cylinder
		Digital camera
		Clipboard
		Encore samplers/T-handle
		Soil color/classification book
		Helium Tank(s)___ (soil gas)
		Helium tank regulator (soil gas)
		Flow board/meter (soil gas)
		Manifold connectors/ferrels

Reviewed:_____

Approved:_____

Field Equipment Calibration Log

Project: _____ Date: _____

Monitoring Event:_____

Calibrated by:_____

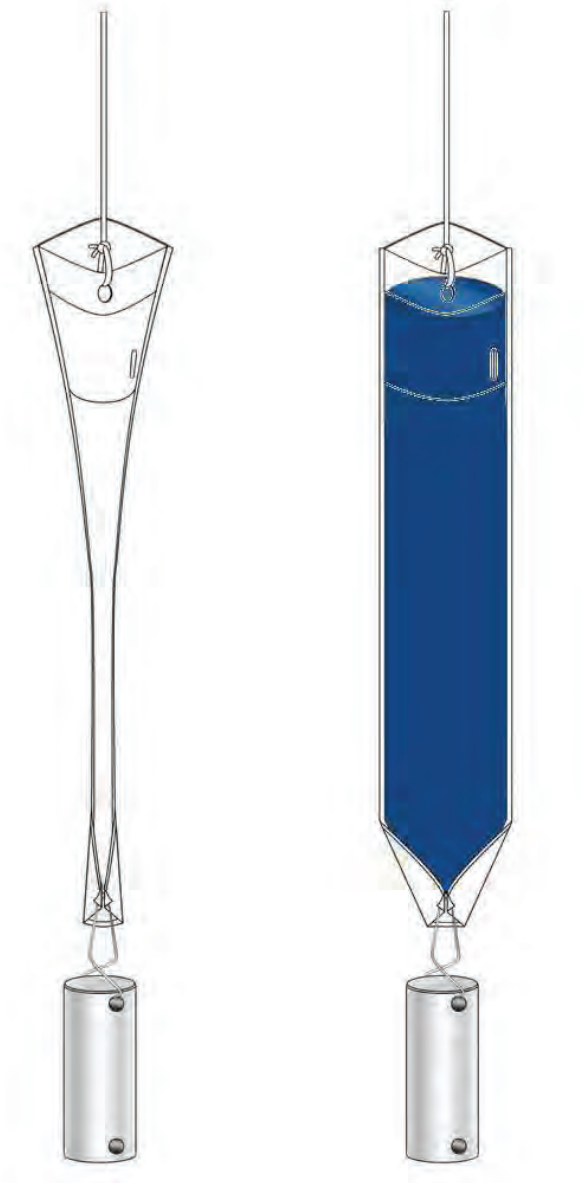
Equipment	Calibration Standards	Initial Calibration Value	Temp. (°C)	End of Day Calibration Value	Temp. (°C)	Remarks
Thermo Scientific 580B PID	0 ppmv (ambient air)	ppmv		ppmv		
	100-ppmv (isobutylene)	ppmv		ppmv		
YSI Dissolved Oxygen (Elevation:_____ft)	100% saturation (wet paper towel or sponge)	%		%		
		%		%		
Oakton PCTestr 35 - EC SN#747808; Unit 1	84 µS/cm	µS/cm		µS/cm		
	1,413 µS/cm	µS/cm		µS/cm		
	12.88 mS/cm	mS/cm		mS/cm		
Oakton PCTestr 35 - pH SN#747808; Unit 1	pH 4.01 S.U.	S.U.		S.U.		
	pH 7.00 S.U.	S.U.		S.U.		
	pH 10.00 S.U.	S.U.		S.U.		
Oakton PCSTestr 35 - EC SN#754005; Unit 2	84 µS/cm	µS/cm		µS/cm		
	1,413 µS/cm	µS/cm		µS/cm		
	12.88 mS/cm	mS/cm		mS/cm		
Oakton PCSTestr 35 - pH SN#754005; Unit 2	pH 4.01 S.U.	S.U.		S.U.		
	pH 7.00 S.U.	S.U.		S.U.		
	pH 10.00 S.U.	S.U.		S.U.		
EXTECH ORP SN#124344	+200 mV (at 25 degrees C)	mV		mV		
EXTECH ORP SN#124338	+200 mV (at 25 degrees C)	mV		mV		
Hanna Turbidity	0 FTU (DI water or standard)	FTU		FTU		
	10 FTU	FTU		FTU		

HYDRASleeve™

Simple by Design

US Patent No. 6,481,300; No. 6,837,120 others pending

Standard Operating Procedure: Sampling Ground Water with a HydraSleeve



This Guide should be used in addition to field manuals appropriate to sampling device (i.e., HydraSleeve or Super Sleeve).

Find the appropriate field manual on the HydraSleeve website at http://www.hydrasleeve.com.

For more information about the HydraSleeve, or if you have questions, contact: GeoInsight, 2007 Glass Road, Las Cruces, NM 88005, 1-800-996-2225, info@hydrasleeve.com.

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Introduction

The HydraSleeve is classified as a no-purge (passive) grab sampling device, meaning that it is used to collect ground-water samples directly from the screened interval of a well without having to purge the well prior to sample collection. When it is used as described in this Standard Operating Procedure (SOP), the HydraSleeve causes no drawdown in the well (until the sample is withdrawn from the water column) and only minimal disturbance of the water column, because it has a very thin cross section and it displaces very little water (<100 ml) during deployment in the well. The HydraSleeve collects a sample from within the screen only, and it excludes water from any other part of the water column in the well through the use of a self-sealing check valve at the top of the sampler. It is a single-use (disposable) sampler that is not intended for reuse, so there are no decontamination requirements for the sampler itself.

The use of no-purge sampling as a means of collecting representative ground-water samples depends on the natural movement of ground water (under ambient hydraulic head) from the formation adjacent to the well screen through the screen. Robin and Gillham (1987) demonstrated the existence of a dynamic equilibrium between the water in a formation and the water in a well screen installed in that formation, which results in formation-quality water being available in the well screen for sampling at all times. No-purge sampling devices like the HydraSleeve collect this formation-quality water as the sample, under undisturbed (non-pumping) natural flow conditions. Samples collected in this manner generally provide more conservative (i.e., higher concentration) values than samples collected using well-volume purging, and values equivalent to samples collected using low-flow purging and sampling (Parsons, 2005).

Applications of the HydraSleeve

The HydraSleeve can be used to collect representative samples of ground water for all analytes (volatile organic compounds [VOCs], semi-volatile organic compounds [SVOCs], common metals, trace metals, major cations and anions, dissolved gases, total dissolved solids, radionuclides, pesticides, PCBs, explosive compounds, and all other analytical parameters). Designs are available to collect samples from wells from 1" inside diameter and larger. The HydraSleeve can collect samples from wells of any yield, but it is especially well-suited to collecting samples from low-yield wells, where other sampling methods can't be used reliably because their use results in dewatering of the well screen and alteration of sample chemistry (McAlary and Barker, 1987).

The HydraSleeve can collect samples from wells of any depth, and it can be used for single-event sampling or long-term ground-water monitoring programs. Because of its thin cross section and flexible construction, it can be used in narrow, constricted or damaged wells where rigid sampling devices may not fit. Using multiple HydraSleeves deployed in series along a single suspension line or tether, it is also possible to conduct in-well vertical profiling in wells in which contaminant concentrations are thought to be stratified.

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As with all groundwater sampling devices, HydraSleeves should not be used to collect groundwater samples from wells in which separate (non-aqueous) phase hydrocarbons (i.e., gasoline, diesel fuel or jet fuel) are present because of the possibility of incorporating some of the separate-phase hydrocarbon into the sample.

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Description of the HydraSleeve

The HydraSleeve (Figure 1) consists of the following basic components:

- A suspension line or tether (A.), attached to the spring clip or directly to the top of the sleeve to deploy the device into and recover the device from the well. Tethers with depth indicators marked in 1-foot intervals are available from the manufacturer.
- A long, flexible, 4-mil thick lay-flat polyethylene sample sleeve (C.) sealed at the bottom (this is the sample chamber), which comes in different sizes, as discussed below with a self-sealing reed-type flexible polyethylene check valve built into the top of the sleeve (B.) to prevent water from entering or exiting the sampler except during sample acquisition.
- A reusable stainless-steel weight with clip (D.), which is attached to the bottom of the sleeve to carry it down the well to its intended depth in the water column. Bottom weights available from the manufacturer are 0.75" OD and are available in three sizes: 5 oz. (2.5" long); 8 oz. (4" long); and 16 oz. (8" long). In lieu of a bottom weight, an optional top weight may be attached to the top of the HydraSleeve to carry it to depth and to compress it at the bottom of the well (not shown in Figure 1);
- A discharge tube that is used to puncture the HydraSleeve after it is recovered from the well so the sample can be decanted into sample bottles (not shown).
- Just above the self-sealing check valve at the top of the sleeve are two holes which provide attachment points for the spring clip and/or suspension line or tether. At the bottom of the sample sleeve are two holes which provide attachment points for the weight clip and weight.

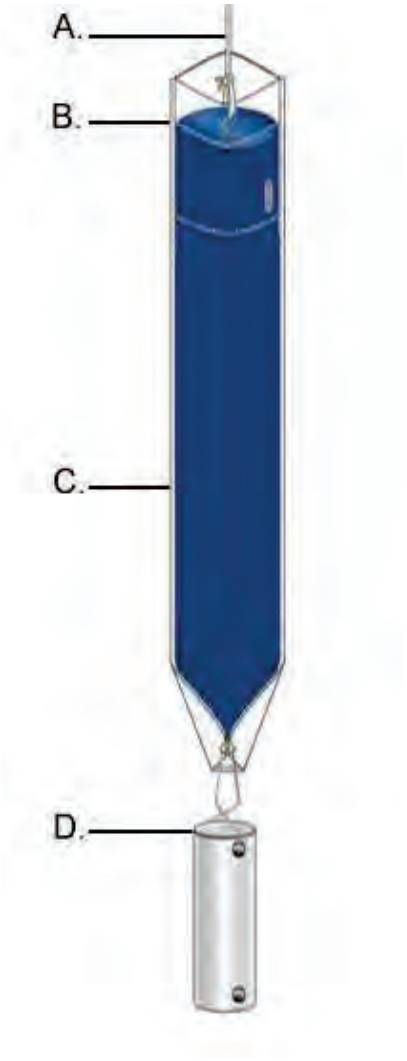

Figure 1. HydraSleeve components.

Note: The sample sleeve and the discharge tube are designed for one-time use and are disposable. The spring clip, weight and weight clip may be reused after thorough cleaning. Suspension cord is generally disposed after one use although, if it is dedicated to the well, it may be reused at the discretion of the sampling personnel.

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Selecting the HydraSleeve Size to Meet Site-Specific Sampling Objectives

It is important to understand that each HydraSleeve is able to collect a finite volume of sample because, after the HydraSleeve is deployed, you only get one chance to collect an undisturbed sample. Thus, the volume of sample required to meet your site-specific sampling and analytical requirements will dictate the size of HydraSleeve you need to meet these requirements.

The volume of sample collected by the HydraSleeve varies with the diameter and length of the HydraSleeve. Dimensions and volumes of available HydraSleeve models are detailed in Table 1.

Table 1. Dimensions and volumes of HydraSleeve models.

Diameter	Volume	Length	Lay-Flat Width	Filled Dia.
2-Inch HydraSleeves				
Standard 625-ml HydraSleeve	625 ml	< 30”	2.5”	1.4”
Standard 1-Liter HydraSleeve	1 Liter	38”	3”	1.9”
1-Liter HydraSleeve SS	1 Liter	36”	3”	1.9”
2-Liter HydraSleeve SS	2 Liters	60”	3”	1.9”
4-Inch HydraSleeves				
Standard 1.6-Liter HydraSleeve	1.6 Liters	30”	3.8”	2.3”
Custom 2-Liter HydraSleeve	2 Liters	36”	4”	2.7”

HydraSleeves can be custom-fabricated by the manufacturer in varying diameters and lengths to meet specific volume requirements. HydraSleeves can also be deployed in series (i.e., multiple HydraSleeves attached to one tether) to collect additional sample to meet specific volume requirements, as described below.

If you have questions regarding the availability of sufficient volume of sample to satisfy laboratory requirements for analysis, it is recommended that you contact the laboratory to discuss the minimum volumes needed for each suite of analytes. Laboratories often require only 10% to 25% of the volume they specify to complete analysis for specific suites of analytes, so they can often work with much smaller sample volumes that can easily be supplied by a HydraSleeve.

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HydraSleeve Deployment

Information Required Before Deploying a HydraSleeve

Before installing a HydraSleeve in any well, you will need to know the following:

- The inside diameter of the well
- The length of the well screen
- The water level in the well
- The position of the well screen in the well
- The total depth of the well

The inside diameter of the well is used to determine the appropriate HydraSleeve diameter for use in the well. The other information is used to determine the proper placement of the HydraSleeve in the well to collect a representative sample from the screen (see HydraSleeve Placement, below), and to determine the appropriate length of tether to attach to the HydraSleeve to deploy it at the appropriate position in the well.

Most of this information (with the exception of the water level) should be available from the well log; if not, it will have to be collected by some other means. The inside diameter of the well can be measured at the top of the well casing, and the total depth of the well can be measured by sounding the bottom of the well with a weighted tape. The position and length of the well screen may have to be determined using a down-hole camera if a well log is not available. The water level in the well can be measured using any commonly available water-level gauge.

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HydraSleeve Placement

The HydraSleeve is designed to collect a sample directly from the well screen, and it fills by pulling it up through the screen a distance equivalent to 1 to 1.5 times its length. This upward motion causes the top check valve to open, which allows the device to fill. To optimize sample recovery, it is recommended that the HydraSleeve be placed in the well so that the bottom weight rests on the bottom of the well and the top of the HydraSleeve is as close to the bottom of the well screen as possible. This should allow the sampler to fill before the top of the device reaches the top of the screen as it is pulled up through the water column, and ensure that only water from the screen is collected as the sample. In short-screen wells, or wells with a short water column, it may be necessary to use a top-weight on the HydraSleeve to compress it in the bottom of the well so that, when it is recovered, it has room to fill before it reaches the top of the screen.

Example

2" ID PVC well, 50' total depth, 10' screen at the bottom of the well, with water level above the screen (the entire screen contains water).

Correct Placement (figure 2): Using a standard HydraSleeve for a 2" well (2.6" flat width/1.5" filled OD x 30" long, 650 ml volume), deploy the sampler so the weight (an 8 oz., 4"-long weight with a 2"-long clip) rests at the bottom of the well. The top of the sleeve is thus set at about 36" above the bottom of the well. When the sampler is recovered, it will be pulled upward approximately 30" to 45" before it is filled; therefore, it is full (and the top check valve closes) at approximately 66" (5 ½ feet) to 81" (6 ¾ feet) above the bottom of the well, which is well before the sampler reaches the top of the screen. In this example, only water from the screen is collected as a sample.

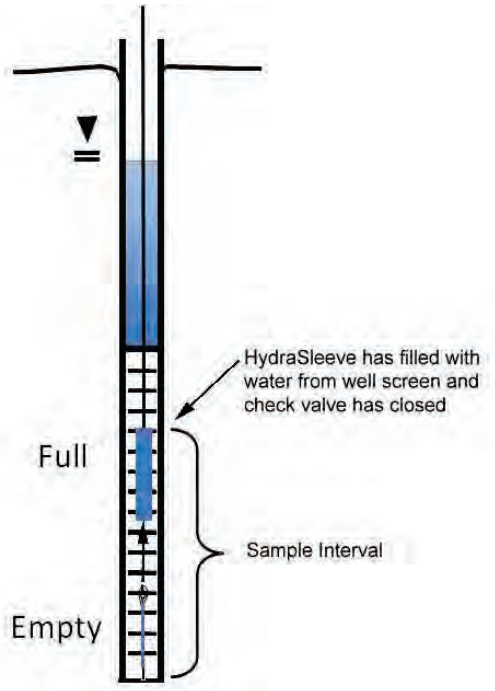

Figure 2. Correct placement of HydraSleeve.

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Incorrect Placement (figure 3): If the well screen in this example was only 5' long, and the HydraSleeve was placed as above, it would not fill before the top of the device reached the top of the well screen, so the sample would include water from above the screen, which may not have the same chemistry.

The solution? Deploy the HydraSleeve with a top weight, so that it is collapsed to within 6" to 9" of the bottom of the well. When the HydraSleeve is recovered, it will fill within 39" (3 ¼ feet) to 54" (4 ½ feet) above the bottom of the well, or just before the sampler reaches the top of the screen, so it collects only water from the screen as the sample.

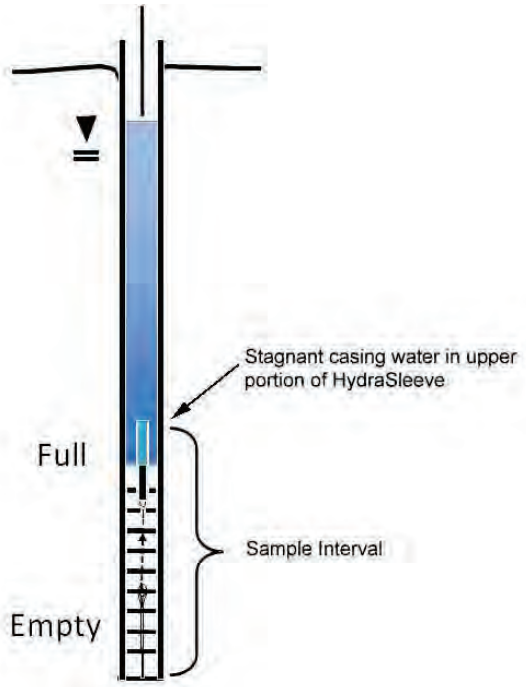

Figure 3. Incorrect placement of HydraSleeve.

This example illustrates one of many types of HydraSleeve placements. More complex placements are discussed in a later section.

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Procedures for Sampling with the HydraSleeve

Collecting a ground-water sample with a HydraSleeve is a simple one-person operation.

Note: Before deploying the HydraSleeve in the well, collect the depth-to-water measurement that you will use to determine the preferred position of the HydraSleeve in the well. This measurement may also be used with measurements from other wells to create a ground-water contour map. If necessary, also measure the depth to the bottom of the well to verify actual well depth to confirm your decision on placement of the HydraSleeve in the water column.

Measure the correct amount of tether needed to suspend the HydraSleeve in the well so that the weight will rest on the bottom of the well (or at your preferred position in the well). Make sure to account for the need to leave a few feet of tether at the top of the well to allow recovery of the sleeve

Note: Always wear sterile gloves when handling and discharging the HydraSleeve.

I. Assembling the HydraSleeve

1. Remove the HydraSleeve from its packaging, unfold it, and hold it by its top.

2. Crimp the top of the HydraSleeve by folding the hard polyethylene reinforcing strips at the holes.

3. Attach the spring clip to the holes to ensure that the top will remain open until the sampler is retrieved.

4. Attach the tether to the spring clip by tying a knot in the tether.

Note: Alternatively, attach the tether to one (NOT both) of the holes at the top of the Hydrasleeve by tying a knot in the tether.

5. Fold the flaps with the two holes at the bottom of the HydraSleeve together and slide the weight clip through the holes.

6. Attach a weight to the bottom of the weight clip to ensure that the HydraSleeve will descend to the bottom of the well.

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II. Deploying the HydraSleeve

1. Using the tether, carefully lower the HydraSleeve to the bottom of the well, or to your preferred depth in the water column

   During installation, hydrostatic pressure in the water column will keep the self-sealing check valve at the top of the HydraSleeve closed, and ensure that it retains its flat, empty profile for an indefinite period prior to recovery.

Note: Make sure that it is not pulled upward at any time during its descent. If the HydraSleeve is pulled upward at a rate greater than 0.5'/second at any time prior to recovery, the top check valve will open and water will enter the HydraSleeve prematurely.

2. Secure the tether at the top of the well by placing the well cap on the top of the well casing and over the tether.

Note: Alternatively, you can tie the tether to a hook on the bottom of the well cap (you will need to leave a few inches of slack in the line to avoid pulling the sampler up as the cap is removed at the next sampling event).

III. Equilibrating the Well

The equilibration time is the time it takes for conditions in the water column (primarily flow dynamics and contaminant distribution) to restabilize after vertical mixing occurs (caused by installation of a sampling device in the well).

- Situation: The HydraSleeve is deployed for the first time or for only one time in a well

  The HydraSleeve is very thin in cross section and displaces very little water (<100 ml) during deployment so, unlike most other sampling devices, it does not disturb the water column to the point at which long equilibration times are necessary to ensure recovery of a representative sample.

  In most cases, the HydraSleeve can be recovered immediately (with no equilibration time) or within a few hours. In regulatory jurisdictions that impose specific requirements for equilibration times prior to recovery of no-purge sampling devices, these requirements should be followed.

- Situation: The HydraSleeve is being deployed for recovery during a future sampling event

  In periodic (i.e., quarterly or semi-annual) sampling programs, the sampler for the current sampling event can be recovered and a new sampler (for the next sampling event)

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deployed immediately thereafter, so the new sampler remains in the well until the next sampling event.

Thus, a long equilibration time is ensured and, at the next sampling event, the sampler can be recovered immediately. This means that separate mobilizations, to deploy and then to recover the sampler, are not required. HydraSleeves can be left in a well for an indefinite period of time without concern.

IV. HydraSleeve Recovery and Sample Collection

1. Hold on to the tether while removing the well cap.

2. Secure the tether at the top of the well while maintaining tension on the tether (but without pulling the tether upwards)

3. Measure the water level in the well.

4. In one smooth motion, pull the tether up between 30" to 45" (36" to 54" for the longer HydraSleeve) at a rate of about 1' per second (or faster).

   The motion will open the top check valve and allow the HydraSleeve to fill (it should fill in about 1 to 1.5 times the length of the HydraSleeve). This is analogous to coring the water column in the well from the bottom up.

   When the HydraSleeve is full, the top check valve will close. You should begin to feel the weight of the HydraSleeve on the tether and it will begin to displace water. The closed check valve prevents loss of sample and entry of water from zones above the well screen as the HydraSleeve is recovered.

5. Continue pulling the tether upward until the HydraSleeve is at the top of the well.

6. Decant and discard the small volume of water trapped in the Hydrasleeve above the check valve by turning the sleeve over.

V. Sample Collection

Note: Sample collection should be done immediately after the HydraSleeve has been brought to the surface to preserve sample integrity.

1. Remove the discharge tube from its sleeve.

2. Hold the HydraSleeve at the check valve.

3. Puncture the HydraSleeve just below the check valve with the pointed end of the discharge tube

4. Discharge water from the HydraSleeve into your sample containers.

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Control the discharge from the HydraSleeve by either raising the bottom of the sleeve, by squeezing it like a tube of toothpaste, or both.

5. Continue filling sample containers until all are full.

Measurement of Field Indicator Parameters

Field indicator parameter measurement is generally done during well purging and sampling to confirm when parameters are stable and sampling can begin. Because no-purge sampling does not require purging, field indicator parameter measurement is not necessary for the purpose of confirming when purging is complete.

If field indicator parameter measurement is required to meet a specific non-purging regulatory requirement, it can be done by taking measurements from water within a HydraSleeve that is not used for collecting a sample to submit for laboratory analysis (i.e., a second HydraSleeve installed in conjunction with the primary sample collection HydraSleeve [see Multiple Sampler Deployment below]).

Alternate Deployment Strategies

Deployment in Wells with Limited Water Columns

For wells in which only a limited water column exists to be sampled, the HydraSleeve can be deployed with an optional top weight instead of a bottom weight, which collapses the HydraSleeve to a very short (approximately 6” to 9”) length, and allows the HydraSleeve to fill in a water column only 36” to 45” in height.

Multiple Sampler Deployment

Multiple sampler deployment in a single well screen can accomplish two purposes:

- It can collect additional sample volume to satisfy site or laboratory-specific sample volume requirements.
- It can accommodate the need for collecting field indicator parameter measurements.
- It can be used to collect samples from multiple intervals in the screen to allow identification of possible contaminant stratification.

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It is possible to use up to 3 standard 30" HydraSleeves deployed in series along a single tether to collect samples from a 10' long well screen without collecting water from the interval above the screen.

The samplers must be attached to the tether at both the top and bottom of the sleeve. Attach the tether at the top with a stainless-steel clip (available from the manufacturer). Attach the tether at the bottom using a cable tie. The samplers must be attached as follows (figure 4):

- The first (attached to the tether as described above, with the weight at the bottom) at the bottom of the screen
- The second attached immediately above the first
- The third (attached the same as the second) immediately above the second

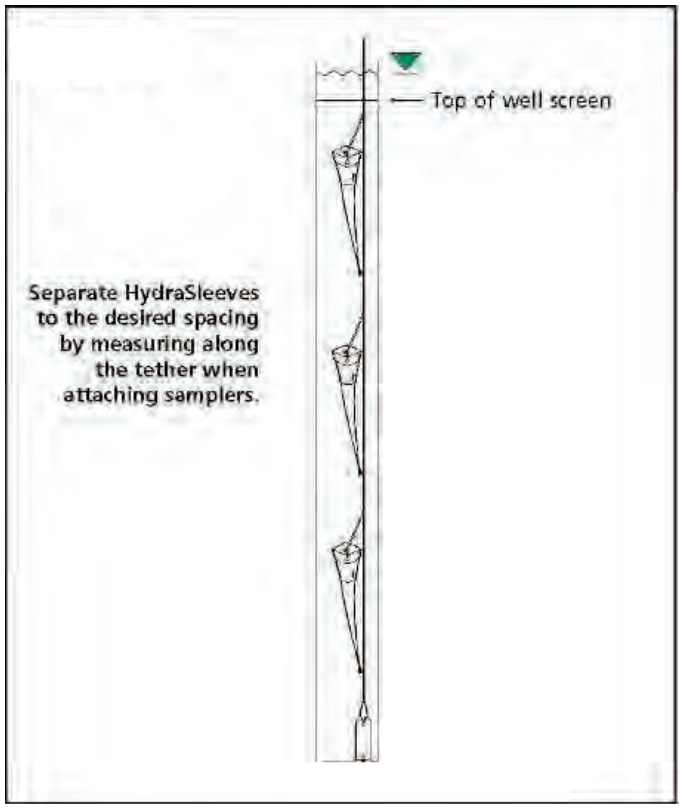

Figure 4. Multiple HydraSleeve deployment.

Alternately, the first sampler can be attached to the tether as described above, a second attached to the bottom of the first using a short length of tether (in place of the weight), and the third attached to the bottom of the second in the same manner, with the weight attached to the bottom of the third sampler (figure 5).

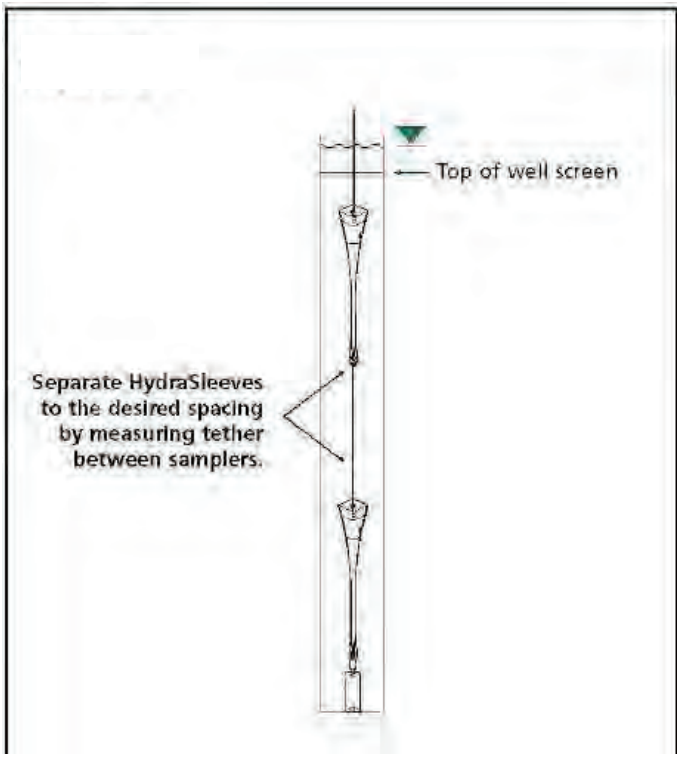

Figure 5. Alternative method for deploying multiple HydraSleeves.

In either case, when attaching multiple HydraSleeves in series, more weight may be required to hold the samplers in place in the well than would be required with a single sampler. Recovery of multiple samplers and collection of samples is done in the same manner as for single sampler deployments.

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Post-Sampling Activities

The recovered HydraSleeve and the sample discharge tubing should be disposed as per the solid waste management plan for the site. To prepare for the next sampling event, a new HydraSleeve can be deployed in the well (as described previously) and left in the well until the next sampling event, at which time it can be recovered.

The weight and weight clip can be reused on this sampler after they have been thoroughly cleaned as per the site equipment decontamination plan. The tether may be dedicated to the well and reused or discarded at the discretion of sampling personnel.

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SOP-SG-1

STANDARD OPERATING PROCEDURE

SOIL GAS WELL SAMPLING

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1.0 PRE-FIELD ACTIVITIES

Prior to conducting sampling, the following pre-field activities will be conducted.

1.1 PERSONNEL QUALIFICATIONS AND HEALTH AND SAFETY

All field samplers working at sites containing hazardous waste will meet the requirements of the Occupational Safety and Health Administration (OSHA) regulations. This may include the sampler being 40-hour HAZWOPER trained and 8-hour HAZWOPER refresher trained in accordance with federal OSHA regulation 29 CFR 1910.120. Field samplers will also be trained in the use of the sampling equipment either prior to use of the equipment or onsite during the sampling by trained sampler. The sampling team will read, and be familiar with the site Health and Safety Plan and relevant standard operating procedures (SOPs).

1.1.1 Health and Safety Equipment

For safety purposes, a reflective safety vest, steel-toed shoes and disposable nitrile gloves will be worn during sampling activities. Refer to the Health and Safety Plan for the site-specific personnel protective equipment and job hazards. The gloves will be changed between sampling locations.

1.1.1.1 PHOTOIONIZATION DETECTOR

Total organic vapors will be monitored using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp and calibrated to 100 parts per million by volume (ppm_v) using isobutylene gas.

1.2 SAMPLING SUPPLIES

Sampling supplies and forms will include sample containers, sample tags or labels, and documentation including logbook or forms and site details.

1.2.1 Informational Materials and Forms

A copy of the Health and Safety Plan, monitoring well construction data, relevant work plans and/or SOPs, location map(s), field data from previous sampling event, and sampling forms will be brought for the sampling event. Sampling forms may include, but are not limited to: field notebook or field record forms; chain-of-custody forms; and/or sample collection field data sheets.

1.3 PRE-SAMPLING OBSERVATIONS

Prior to sampling, the condition of the vapor wells will be checked and observations recorded. If repairs are needed, appropriate personnel will be notified and the wells repaired prior to sampling.

2.0 SAMPLE COLLECTION

The purpose of the vapor well sampling procedure is to collect samples from existing vapor wells that are representative of conditions. Details of the vapor well sampling protocols are presented below.

2.1 APPLICABLE GUIDANCE

Vapor samples will be collected following the October 2011 California Environmental Protection Agency's (CalEPA) Department of Toxic Substances Control (DTSC) *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (*Vapor Intrusion Guidance*) and CalEPA's 2015 *Advisory Active Soil Gas Investigation* and whole gas sampling technique as outlined in ASTM D 5466 *Standard Test Method for Determination of Volatile Organic Chemicals in Atmospheres – Canister Sampling Methodology* (ASTM D 5466).

2.2 SAMPLING EQUIPMENT

Prior to the site visit, equipment and supplies will be collected that are appropriate for the site conditions. An equipment and supply checklist will be filled out prior to mobilization to the site. Details of the types of equipment needed for sample collection are provided below.

2.2.1 Sampling Devices

The vapor well samples collected using Summa canister whole gas sampling technique will be conducted as outlined in ASTM D 5466. The crawlspace samples will be collected using laboratory-prepared one-liter passivated stainless steel Summa canisters delivered by the analytical laboratory with approximately 30-inches of mercury vacuum. The vacuum within the Summa canisters will be measured before sample collection to document the canister atmosphere.

The vapor well samples collected using sorbent tube sampling technique will be conducted as outlined in USEPA Compendium Method TO-17 (Method TO-17).

2.3 LEAK TESTING

Before obtaining soil gas samples, leak tests will be conducted. Details of the types of leak tests to be conducted are presented below.

2.3.1 "Shut-In" Test

Prior to purging or sampling soil gas, a test will be conducted to check for leaks in the aboveground fittings, i.e., "shut-in" test. The shut-in test will consist of assembling the above ground apparatus (e.g., valves, lines and fittings downstream from the top of the probe), and evacuating the lines to a measured vacuum of approximately 100-inches of water column, then shutting the vacuum with closed valves on opposite ends of the sampling equipment. The vacuum gauge connected to the line via "T"-fitting will be observed for at least one minute and if there is observable loss of vacuum, the fittings will be adjusted, as needed, until the vacuum in the aboveground portion of the sampling equipment does not dissipate.

2.3.2 Quantitative Leak Testing in the Probe and Sampling Train

Following the "shut-in" test, helium will be applied at the connections of the sampling equipment including valves, gauges, tubing, manifold and sample container. Helium will be used for leak tracer testing by placing a shroud over the probe and sampling equipment. Helium will be released into the shroud and a handheld helium detector will be used to monitor and maintain a reasonably steady concentration, which will be recorded on field data forms. The helium concentration in the shroud will be at least 10-percent or two orders of magnitude higher than the reporting-limit of the field meter used to analyze the sample. Laboratory analysis of the soil gas samples will include testing for helium gas. The analysis of the tracer compound will be used to assess leakage.

2.4 SAMPLE COLLECTION

Following purging activities, the tubing will then be attached to an analytical laboratory-prepared one-liter Summa canister or sorbent tube. The Summa canisters will be delivered by the analytical laboratory with a vacuum of approximately 30-inches of mercury and outfitted with 0.125-liter per minute flow control valve. The tubing will be connected to the Summa canister or sorbent tube using airtight fittings. The flow control valve on the Summa will be opened slowly to draw the vapor sample from the target depth. For sorbent tube sampling, tubing will be connected to as peristaltic pump with a flow rate between 50ml/min to 200 ml/min (dependant on sorbent tube type; for typical flow rates see attached Method TO-17). Following sample collection, the Summa canister atmosphere will be measured with a vacuum gauge and recorded on field data forms. Flow rates and duration for sorbent tube sampling will be recorded on field data forms.

The Summa canisters and/or sorbent tubes will then be labeled and transported to a California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory pursuant to ASTM D 4840 chain-of-custody protocols.

If low-flow or no-flow conditions (e.g., fine-grained soil, clay, soil with vacuum readings that exceed approximately 10-inches of mercury or 136 inches of water) are encountered, and low-flow sampling is not successful, soil matrix sampling using EPA Method 5035A and analysis using United States Environmental Protection Agency (USEPA) 8260B will be conducted (DTSC, 2011).

2.5 LABORATORY ANALYSIS

Once the sampling has been completed, the samples will be transported to the laboratory following the chain-of-custody procedures outlined in ASTM D 4840 for chemical analysis using USEPA Method TO-15 (summa canisters) or USEPA TO-17 (sorbent tubes). The laboratory will be advised to conduct analysis of the whole gas samples within 30-days of receipt.

2.6 QUALITY CONTROL

Analytical data will be subject to quality control review and validation by both the laboratory and prior to completion of the report by WEST. A data quality usability evaluation will be conducted and will incorporate the following: (1) review of laboratory reports; (2) documentation of geographic location of samples and sampling procedures; (3) whether data are representative of Site conditions; (4) appropriateness of laboratory analytical methods and detection limits; and (5) laboratory surrogate recovery, method blank data, precision and accuracy.

The laboratory quality assurance will included a review of method blanks, matrix spike recovery; matrix spike duplicates; and sample hold times. Field sampling and transportation procedures will also be reviewed for: sample collection methodology; sample containers; sample storage; and sample duplicates.

3.0 REFERENCES

ASTM, *Standard Guide for Sample Chain-of-Custody Procedures D 4840-99* (ASTM D 4840).

ASTM, *Standard Test Method for Determination of Volatile Organic Chemicals in Atmospheres - Canister Sampling Methodology* (ASTM D 5466).

CalEPA, *Advisory Active Soil Gas Investigation*, July 2015 (CalEPA, 2015).

DTSC, *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*, October 2011 (DTSC, 2011).

USEPA, *Compendium Method TO-17, Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes, EPA/625/R-96/010b*, January 1999 (USEPA, 1999).

APPENDIX C

REVISED INDOOR AIR SAMPLING WORK PLAN

A Report Prepared For:

California Regional Water Quality Board
Lahontan Region
Attention: Mr. Brian Grey
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

REVISED INDOOR AIR SAMPLING WORK PLAN
FORMER LAKE TAHOE LAUNDRY WORKS
1022, 1024 AND 1026 LAKE TAHOE BOULEVARD, AND
1032 EMERALD BAY ROAD
SOUTH Y SHOPPING CENTER
SOUTH LAKE TAHOE, CALIFORNIA

FEBRUARY 22, 2022

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1021.001.01.024

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1.0 INTRODUCTION

This Revised Indoor Air Sampling Work Plan (Work Plan) has been prepared by PES Environmental, Inc., an NV5 Company (PES), on behalf of Seven Springs Limited Partnership (Seven Springs), for the tenant spaces located at 1022, 1024, and 1026 Lake Tahoe Boulevard, and 1032 Emerald Bay Road at the South Y Shopping Center located in South Lake Tahoe, California (Site; Plate 1). The Work Plan has been revised to address comments from the Lahontan Regional Water Quality Control Board (LRWQCB) dated November 16 and December 1, 2021. On November 16, 2021, the LRWQCB issued Notice of Deficient Workplan, September 21, 2021 Indoor Air Sampling Work Plan, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County, Site Cleanup Program Case No. T6S043 (November 16 Notice). On December 1, 2021, the LRWQCB issued an Updated Notice of Deficient Workplan (December 1 Updated Notice), making only minor changes to the November 16 Notice, including correcting an omission of a responsible party in the address block, which was brought to the LRWQCB's attention by representatives of Seven Springs. We refer herein throughout to the December 1 Updated Notice, which supersedes and replaces the November 16 Notice. The December 1 Updated Notice and responses to comments are provided in Appendix A.

On May 27, 2017, the Lahontan Regional Water Quality Control Board (LRWQCB) issued Cleanup and Abatement Order R6T-2017-022 (Order) for the Site. On November 5, 2020, the El Dorado Superior Court ruled that the Order's investigation and reporting requirements promulgated pursuant to Water Code Section 13267 are defective.

1.1 Purpose

In December 2015, indoor air sampling was conducted at 1022, 1024, and 1026 Lake Tahoe Boulevard and 1032 Emerald Bay Road (PES, 2016). The results of the December 2015 indoor air sampling event indicated the presence of low levels of PCE in indoor air. The December 2015 sampling results are discussed further in Section 2.2, below. Tables and plates from the 2016 report presenting the results of the December 2015 indoor air sampling are presented in Appendix B. Concentrations of tetrachloroethene (PCE) detected in the indoor air and pathway samples did not exceed the contemporaneous Environmental Screening Level (ESL) established by the Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) for PCE in indoor air in a commercial/industrial setting (2.1 micrograms per cubic meter [$\mu g/m^3$]; SFRWQCB, 2013). The current ESL for PCE in indoor air in a commercial/industrial setting is 2.0 $\mu g/m^3$ (SFRWQCB, 2019).

The purpose of the indoor air sampling, as voluntarily proposed by Seven Springs, is to further assess the potential for vapor intrusion in indoor air in a commercial setting at the Site. Sub-slab soil gas samples and soil gas samples from existing vapor probes located immediately adjacent to the Site building will be collected contemporaneously with the indoor air sampling. This Work Plan has been prepared in accordance with the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) Vapor Intrusion Guidance documents (Guidance Documents; DTSC, 2011; 2020).

1.2 Work Plan Organization

This Work Plan is organized as follows:

- Section 2.0 identifies the tenant spaces that will be sampled;
- Section 3.0 discusses the pre-sampling activities, including the building survey, building walk-through, and removal of materials stored within the building that have the potential to interfere with the indoor air sampling results;
- Section 4.0 presents method of the air sampling, including sampling locations, sampling duration, and field sampling procedures; and
- Section 5.0 describes post-sampling activities, including assessment of results and reporting activities.

2.0 BACKGROUND INFORMATION AND TENANT SPACES TO BE SAMPLED

The Site is located approximately 9,000 feet south of Lake Tahoe in the City of South Lake Tahoe, El Dorado County, California (Plate 1). The former LTLW facility is situated in the northwest corner of the South Y Shopping Center, along Lake Tahoe Boulevard between U.S. Highway 50 and Tata Lane (Plate 2).

2.1 Third Quarter 2021 Soil Vapor Sampling Results

Soil gas sampling has been conducted at the Site on a quarterly basis since April 2010. The soil gas sampling has been used to assess effectiveness of the on-Site soil vapor extraction (SVE) system and as a screening tool for vapor intrusion into the Site building as recommended in the Guidance Documents. The volatile organic compounds (VOCs) detected at the Site in soil vapor and shallow groundwater include PCE, trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride. Vapor probes VP-1, VP-5, VP-6, VP-9, and VP-10 are located adjacent to the on-Site building. In accordance with the Guidance Documents, soil gas sampling is generally preferred as a line of evidence for assessing vapor intrusion risk where groundwater is impacted with VOCs (DTSC, 2020). According to the Guidance Documents, the soil gas probes should be installed as close as possible to the building on the side(s) of building where VOC concentrations are expected to be the highest. Soil vapor probes VP-1, VP-5, VP-6, VP-9, and VP-10 are located as close as possible to the building and vapor probes VP-5, VP-6, and VP-9 are located on the side of the building where VOC concentrations are expected to be highest.

During the September 2021 sampling, elevated concentrations of PCE were detected in samples collected from vapor probes VP-6 (530 micrograms per cubic meter [$\mu g/m^3$]) and VP-5 (72 $\mu g/m^3$) and the concentrations of PCE detected in probes VP-1, VP-9, and VP-10 were below the current ESL of 67 $\mu g/m^3$ (PES, 2021). A plate showing the most recent, i.e., Third Quarter 2021, soil vapor sampling results is included as Appendix C to this Work Plan.

2.2 December 2015 Indoor Air Sampling Results

On December 23 and 24, 2015, indoor air sampling was conducted at the Site in accordance with the guidance document available at that time. [1] Four types of samples were collected during the December 2015 sampling event: (1) indoor air samples; (2) outdoor or ambient air samples; (3) pathway samples, and (4) quality control samples. A total of 13 air samples, including a field duplicate, were collected and analyzed during the sampling event.

The results of the December 2015 indoor air sampling event conducted at 1022, 1024, and 1026 Lake Tahoe Boulevard and 1032 Emerald Bay Road within the South Y Center indicate the presence of low levels of PCE in indoor air. TCE, cis-1,2-dichloroethene (DCE), trans-1,2-DCE, and vinyl chloride were not detected at or above the respective laboratory reporting limits in any of the indoor air or pathway samples. PCE was detected in nine of the ten indoor air and pathway samples collected during the sampling event, at concentrations ranging from 0.079 $\mu g/m^3$ to 0.514 $\mu g/m^3$. PCE, TCE, cis-1,2-DCE, and vinyl chloride were not detected in any of the ambient air samples. Trans-1,2-DCE was detected at 0.121 $\mu g/m^3$ in an ambient air sample. Concentrations of PCE detected in the indoor air and pathway samples did not exceed the conservative ESL for PCE in indoor air in a commercial/industrial setting (2.0 $\mu g/m^3$) (RWQCB, 2019). The conservative ESLs are based on a 1 $x10^{-6}$ risk level.

The laboratory analytical results indicate that the risk associated with the detected concentrations of PCE in indoor air is less than a 1 $x10^{-6}$ risk level. Based on the response actions identified in the Guidance Documents, if the initial evaluation of vapor intrusion indicates a risk level less than 1 $x10^{-6}$, no further action is required.

During the December 2015 indoor air sampling, soil vapor probes were sampled concurrently with the indoor air samples. On December 18, 2015, soil vapor probes VP-1, VP-5, VP-6, VP-9, and VP-10 were sampled and the samples were analyzed for VOCs. PCE was detected in the samples at concentrations ranging from 38 $\mu g/m^3$ (VP-1) to 1,085 $\mu g/m^3$ (VP-6).

Using the PCE concentrations from the sampling of soil vapor probes VP-6 (1,085 $\mu g/m^3$) collected immediately adjacent to tenant space 1026 Lake Tahoe Boulevard and VP-9 (746 $\mu g/m^3$) collected immediately adjacent to tenant space 1032 Emerald Bay Road as well as the highest concentrations of PCE in indoor air samples collected in those tenant spaces, a site-specific attenuation factor (AF) range can be calculated. Indoor air sample V01 (PCE at 0.514 $\mu g/m^3$) was collected in 1032 Emerald Bay Road and indoor air sample V04 (PCE at 0.079 $\mu g/m^3$) was collected in tenant space 1026 Lake Tahoe Boulevard. The AF can be calculated as follows:

$$AF = C_{IA}/C_{SG}$$

Where C_{IA} equals concentration of PCE in indoor air, and C_{SG} equals concentration of PCE in soil gas.

[1] DTSC, 2011. *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*. October.

Based on the indoor air and soil gas sampling conducted in December 2015, the site-specific AF calculated for 1026 Lake Tahoe Boulevard would be 0.0001 and the site-specific AF for 1032 Emerald Bay Road would be 0.0007.

2.3 Tenant and Common Spaces to be Sampled

As indicated on Plate 3, the following tenant spaces and common space will be sampled for the presence of PCE and associated degradation products in indoor air:

- The tenant space located at 1032 Emerald Bay Road;
- The vacant tenant space located at 1026 Lake Tahoe Boulevard;
- The tenant space located at 1024 Lake Tahoe Boulevard;
- The common corridor area located immediately south of 1022 and 1024 Lake Tahoe Boulevard; and
- The vacant tenant space at 1022 Lake Tahoe Boulevard.

3.0 PRE-SAMPLING ACTIVITIES

Prior to conducting indoor air sampling, the following activities will be completed:

- A pre-sampling Building Survey Form (DTSC, 2011, 2020) will be submitted to each building owner/tenant to complete prior to the site walk-through by PES. An Indoor Air Source Screen Form will be completed at the Site prior to conducting the indoor air sampling (DTSC. 2011, 2020). These forms are included in Appendix D of this Work Plan; and
- When access to the tenant spaces has been obtained, PES will visit the Site to coordinate with the property management and tenants to finish completion of the Building Survey Form and complete the Indoor Air Source Screen Form. Per DTSC guidance (DTSC, 2011, 2020), the Indoor Air Source Screen Form which will include an inventory of chemicals stored and/or used on Site, will be completed during the Site walk-through. In accordance with DTSC guidance, if potential indoor sources of vapor forming chemicals (VFCs) are present, the VFCs should be removed 24 to 72 hours prior to the sampling event (DTSC, 2020). PES will also assess Site conditions with a low detection limit (parts per billion by volume [ppbv]) photo-ionization detector (PID), including areas where chemicals are or were stored, and easily accessible (visible) floor penetrations. Potential vapor entry points assessed with the PID will include wall joints, floor cracks, utility penetrations (i.e., fire risers, water, sewer, and/or electrical conduits), and floor drains. If floor penetrations are identified as potential pathways (as indicated by the PID readings), easily accessible floor penetrations may be sealed with caulking/sealants that do not contain VOCs. If sealants are used to seal floor penetrations, those sealants will remain in-place following the sampling event. The indoor air sampling procedures will also be discussed with the tenants.

4.0 SAMPLING LOCATIONS AND METHODOLOGIES

In accordance with the previously referenced DTSC guidance documents, the indoor air sampling will be completed over an 8-hour period. The tenant spaces noted above will be sampled on the same day (over the same time period) to minimize the need for more frequent site visits or additional ambient (outdoor) air sample collection. Sub-slab soil gas samples will be collected from unoccupied tenant and common spaces following the completion of the indoor air sampling. Soil gas samples will be collected from soil vapor probes VP-1, VP-5, VP-6, VP-9, and VP-10 (these probes are located immediately adjacent to the Site building) within two weeks of the indoor air sampling event as part of a routine quarterly sampling event conducted at the Site. The sampling of the soil gas probes will be conducted by E2C Remediation (E2C) following the methods and procedures documented in the quarterly monitoring reports prepared for the Site (PES, 2021).

4.1 Number of Indoor Air Samples

The following indoor air samples are proposed:

- Smaller and unoccupied tenant space at 1022 Lake Tahoe Boulevard and common corridor area located immediately south of 1022 and 1024 Lake Tahoe Boulevard: One (1) indoor air sample will be collected from middle of the smaller tenant space and the common corridor area; and

- Three larger tenant spaces, the tenant space at 1024 Lake Tahoe Boulevard, the unoccupied tenant space at 1026 Lake Tahoe Boulevard, and the tenant space at 1032 Emerald Bay Road: Two (2) indoor air samples (one in the southern half and one in the northern half of the tenant space) will be collected from each of these tenant spaces.

4.2 Locations of Samples

In accordance with the DTSC guidance documents, the samples will preferentially be located near primary work areas, near the center of the rooms. Samples will not be placed in corners or closets where air flow may be limited and will not be placed near doors. The sample inlets will be located in the breathing space, approximately 3 to 5 feet above ground surface.

4.3 Outdoor Air Sample Locations

For quality control purposes, outdoor air samples will be collected in conjunction with the indoor air sampling. Three ambient (outdoor) air samples are proposed for this sampling event. DTSC guidance documents state that the outdoor air samples should be collected at a distance 6 feet above ground surface. For projects managed by U.S. Environmental Protection Agency (USEPA) Region 9, these samples are collected from the building rooftops (i.e., rooftops of the 1024 Lake Tahoe Boulevard tenant space, the vacant tenant space at 1026 Lake Tahoe Boulevard, and the tenant space at 1032 Emerald Bay Road) which are less accessible to the public. Thus, the outdoor air samples will be collected from the roof near heating, ventilation and air conditioning (HVAC) inlets, which is consistent with the outdoor air sampling procedures from the 2015 indoor air sampling (PES, 2016).

Note that the DTSC guidance documents suggest that outdoor air samples should be collected at locations that are not influenced by subsurface contamination and therefore ambient air samples should be positioned upwind of subsurface plumes. The soil vapor extraction / groundwater air sparge system (SVE/GASS) is being operated at locations immediately north of the tenant spaces proposed for indoor air sampling. Additionally, the SVE/GASS treatment compound is located approximately 120 feet northeast of the tenant space 1032 Emerald Bay Road and the treatment system is currently discharging PCE-affected soil vapor to the atmosphere. If PCE and degradation products are detected in the indoor air, the VOC levels in indoor air samples will be compared to those in the outdoor air samples for evaluation if the VOCs present in indoor air may attribute to vapor intrusion from subsurface soil vapor or from ambient air due to normal indoor and outdoor air exchange.

4.4 Pathway Samples

Pathway samples will be collected from the bathrooms of the tenant space at 1032 Emerald Bay Road and the 1024 Lake Tahoe Boulevard tenant space. Pathway samples are collected from areas where vapors may enter the building but are not routinely occupied. The locations of these pathway samples will be determined during the pre-sampling Site walk-through.

If pathway samples are determined to be impacted with VOCs at or above the applicable ESLs additional analysis of the pathway will be conducted to assess the potential source of the elevated VOCs. The additional analysis may include vapor conduit sampling (i.e., sampling inside sewer pipelines or other vapor conduits), vapor entry point sampling (e.g., assessment of potential VOC entry into the indoor air through cracks, openings to the subsurface, etc.), and measurement of differential cross-slab pressures (i.e., sub-slab pressure and building interior pressures).

4.5 Quality Assurance/Quality Control (QA/QC) Samples

In addition to the outdoor/ambient samples, QA/QC samples consisting of one true-duplicate sample (same sample inlet, equally divided into two separate sample canisters), will be collected from an indoor tenant space during the sampling event. Additionally, one trip blank will accompany the samples and will be analyzed for VOCs.

4.6 Sampling Methodology

The sampling methodology that will be utilized for the indoor air samples is summarized in Appendix E. Samples will be collected in individually certified clean 6-liter Summa canisters, with certified-clean flow controllers. Samples will be analyzed for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, by USEPA Test Method TO-15 selective ion mode (SIM) on regular turnaround time. The detection limits for the VOCs will be lower than or equal to the SFRWQCB's ESLs for indoor air in a commercial setting.

4.7 Sub-Slab Soil Gas Sampling

4.7.1 Sub-Slab Soil Gas Port Installation and Sampling

As shown on Plate 3, sub-slab soil gas samples will be collected inside unoccupied tenant space at 1022 Lake Tahoe Boulevard (one sample), the unoccupied tenant space at 1026 Lake Tahoe Boulevard (two samples), and the common corridor area located immediately south of 1022 and 1024 Lake Tahoe Boulevard (one sample) in the vicinity of select indoor air sample locations. The samples will be collected within 48-hours after completing the indoor air sampling. Each sub-slab sampling port will be installed by drilling a 5/8-inch diameter hole through the concrete slab and into the underlying fill material using a hand-operated rotary hammer drill. A sub-slab implant, consisting of a 3-inch long purpose-made brass barb fitting and silicone sleeve (Vapor Pin™, manufactured by Cox-Colvin & Associates of Plain City, Ohio), will be advanced into the drill hole. Each implant barb will be fitted with a vapor- and water-tight rubber cap. Each sub-slab vapor sampling point will be allowed to equilibrate for a minimum of two hours after installation.

Each implant will be connected to a clean laboratory-provided vapor purging and sampling apparatus (e.g., SUMMA™ canister) using new Teflon™ tubing, followed by a shut-in test on each sampling apparatus for a minimum one-minute period, as described above. Following a successful shut-in test, the sample tubing and sub-slab implant will be purged of a minimum of three volumes. Purging and collection of sub-slab vapor samples will be performed using a flow rate of 100 to 200 milliliters per minute (mL/min) and maintaining a vacuum of less than 100 in-H_2O to mitigate ambient air breakthrough into the samples.

Following completion of the shut-in leak test and purging, sample train leak testing will be performed using a tracer gas (e.g., 1,1-DFA) in combination with a shroud box. The shroud box will consist of a polycarbonate box equipped with a sampling port. The bottom of the shroud box will be positioned over the sampling point with the sample collection tubing passing through the bottom. Once in position, the sample train will be connected to a batch-certified clean 1-liter Summa™ canister and the shroud box will be placed over the entire sample train. A sample of the atmosphere in the shroud will be collected to measure the concentration of the tracer gas in the shroud. Prior to opening the Summa™ canisters, the shroud box will be charged by discharging tracer gas into the shroud box via an access port. The shroud box will remain in place for the duration of sampling. Each Summa™ sample canister will be filled until the vacuum gauge reads approximately 5 inches mercury (in-Hg).

Following the completion of the sub-slab soil gas sampling at each location, the sub-slab vapor port will be capped with a water-tight seal and a flush-mount cover will be placed over the port.

4.7.2 Sub-Slab Soil Gas Sample Analysis

Following completion of sub-slab soil gas sampling, each canister will be transported under chain-of-custody protocol to a stationary State of California-certified analytical laboratory. The sub-slab soil gas samples will be analyzed for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, by USEPA Test Method TO-15 selective ion mode (SIM) on regular turnaround time. The shroud Summa™ and the sub-slab soil gas samples will be analyzed for 1,1-DFA using USEPA Test Method TO-3.

5.0 PRELIMINARY ASSESSMENT OF RESULTS

PES will review the indoor air sampling results with respect to USEPA Region 9 accelerated response levels[2] and notify the LRWQCB within 48 hours of the receipt of laboratory analytical results in the unlikely event the indoor air sampling results indicate levels greater than or equal to 8 $\mu g/m^3$ of TCE. No interim response levels for PCE or its degradation products have been developed. Interim mitigation methods would be evaluated quickly, should indoor levels exceed these accelerated response levels, as recommended by USEPA Region 9 and the SFRWQCB in its guidance, dated October 16, 2014, titled *Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region*.

PES will review the pathway sampling results to assess whether vapor intrusion is preferentially occurring in these areas. If vapor intrusion is confirmed (i.e., if the SFRWQCB ESLs for commercial use are exceeded in the indoor air samples and the concentrations are not attributable to ambient concentrations), another sampling event may be completed.

The results of the sampling proposed herein will be assessed and used to further evaluate the range of site-specific AF calculated at the Site. The site-specific AF can be further evaluated during post-remediation indoor air sampling conducted after operation of the on-Site SVE system is discontinued, if warranted.

6.0 REPORTING

A written report will be issued to LRWQCB within 90 days of completion of the indoor air sampling event and a verbal or email report will be provided to the LRWQCB within 45 days of the receipt of the laboratory analytical report. The following information will be included in the written report:

- Completed building questionnaires;
- Map of tenant spaces/property layout and actual sampling locations;

[2] RWQCB, 2014. *Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region*, October 16.

- Description of sampling methodologies;
- Summary of sampling and data collection results;
- Laboratory analytical data;
- Quality assurance/quality control data; and
- Schedule, recommendations, and follow-up actions (as needed).

7.0 SCHEDULE

Upon LRWQCB's approval of this Work Plan, PES will schedule the sampling with the property management and tenants to gain access to the tenant spaces. The sampling will be conducted in summer months to assess seasonal or temporal variability.

8.0 REFERENCES

California Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB), 2013. *December 2013 Update to Environmental Screening Levels. December 13.*

SFRWQCB, 2019. *December 2013 Update to Environmental Screening Levels. July 25.*

California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*. October.

DTSC, 2020. *Supplemental Guidance: Screening and Evaluating Vapor Intrusion (Draft for Public Comments)*. February.

Environmental Engineering Remediation & Consulting, Inc., 2015. *Third Quarter 2015 Groundwater Monitoring Report and Current Site Status Report, Lake Tahoe Laundry Works*, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California. November 15.

PES Environmental, Inc. (PES), 2016. *Indoor Air Sampling Report, Former Lake Tahoe Laundry Works, 1022, 1024, and 1026 Lake Tahoe Boulevard, and 1032 Emerald Bay Road, South Lake Tahoe, California (RWQCB SLIC Case No. T6S043)*. January 14.

PES, 2021. *Third Quarter 2021 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California.* December 15.

ILLUSTRATIONS

DRAFT
SUBJECT TO CONFIDENTIALITY AGREEMENT
SUBJECT TO EVIDENCE CODE 1152

Aerial Photo: August 11, 2017 (Google 2018)

PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

Site Location
Revised Indoor Air Sampling Workplan
Former Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
1

1021.001.01.024	102100101024_IASWPr_1-2	KSF	2/22
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

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SUBJECT TO CONFIDENTIALITY AGREEMENT
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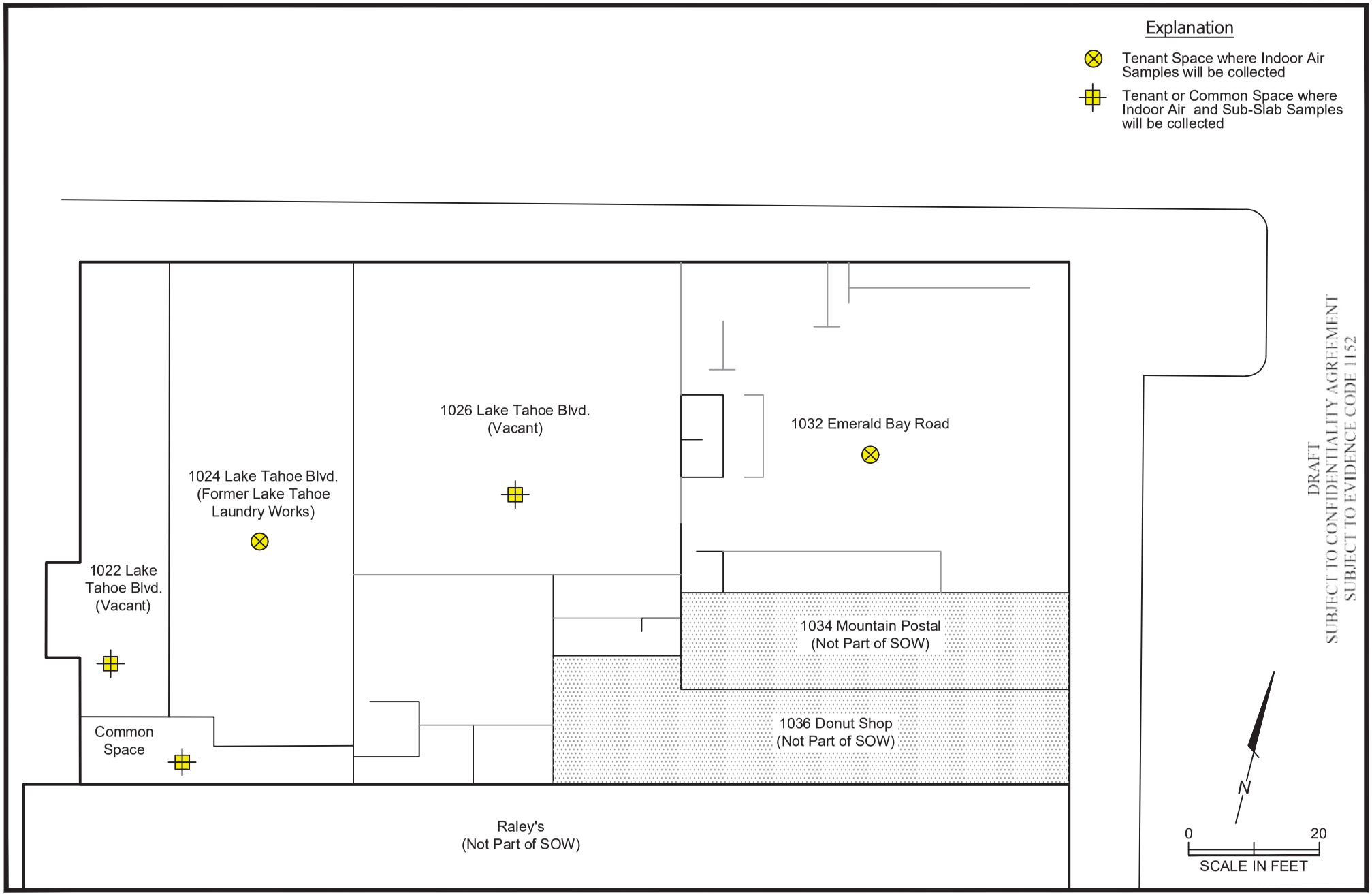
PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

Site Plan and Vicinity
Revised Indoor Air Sampling Workplan
Former Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
2

1021.001.01.024	102100101024_IASWPr_1-2	KSF	2/22
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



PES Environmental, Inc.
Engineering & Environmental Services

Proposed Sample Location Map
Revised Indoor Air Sampling Workplan
Former Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
3

1021.001.01.024	102100101024_IASWPr_3	KSF	2/22
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

APPENDIX A

DECEMBER 1 UPDATED NOTICE AND RESPONSE TO COMMENTS

CALIFORNIA Water Boards

GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Lahontan Regional Water Quality Control Board

December 1, 2021

Seven Springs Limited Partnership
c/o Christopher G. Blair
118 West 47th Street, PL-1
Kansas City, Missouri 64112

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RETURN RECEIPT REQUESTED
7019 2280 0001 8943 3816

Matt Connolly
433 Soscol, Suite A1 10
Napa, CA 94559

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7019 2280 0001 8943 3823

Mary Connolly, C Eagle Spirit, LLC
c/o Laughlin Associates, Inc.
9120 Double Diamond Parkway
Reno, NV 89521

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Carson City, NV 89703

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Updated Notice of Deficient Workplan, September 24, 2021 Indoor Air Sampling Work Plan, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County, Site Cleanup Program Case No. T6S043

This *Updated Notice of Deficient Work Plan* supersedes and replaces the previously provided *Notice of Deficient Work Plan* dated November 16, 2021. The updated version corrects an omission of a responsible party in the address block. Bobby Pages, Inc. is now included in the address block and an expanded interested party list is being used for distribution. The reference to the 2017 Cleanup and Abatement Order was also clarified in General Comment No. 1 below. No other changes aside from the date and title of the letter were made.

Lahontan Regional Water Quality Control Board staff have reviewed the September 24, 2021 *Indoor Air Sampling Work Plan (*Workplan*)* prepared by PES Environmental, Inc. (PES) for the former Lake Tahoe Laundry Works site (Site). In the Workplan, PES has proposed to conduct indoor air sampling of select tenant spaces previously sampled in 2015 to further assess the potential risk to human health posed via the vapor intrusion pathway.

Staff acknowledges the potential benefit of performing indoor air sampling as described in the Workplan. However, staff have determined that the proposed indoor air investigation 1) does not conform to current indoor air sampling guidance, and 2) provides limited information that does not address a number of significant data gaps that have been identified at the Site. Staff have determined that the Workplan is deficient. The Workplan must be revised to conform with current indoor air sampling guidance and address the data gaps and comments described below.

General Comments and Identified Data Gaps

1) A preliminary screening evaluation has not been conducted or provided according to the indoor air sampling guidance cited by PES in the Workplan (Department of Toxic Substance Control [DTSC] Vapor Intrusion Guidance documents [DTSC, 2011; 2020]). A site-specific attenuation factor has not been calculated for the Site. Default attenuation factors included in the indoor air sampling guidance indicates unacceptable risk is present at the Site based on historic and current soil gas concentrations in vapor probes located directly adjacent to the existing building. Additional Site characterization activities, including collection of additional subsurface data or subslab soil gas sampling, have not been conducted or identified to further evaluate Site-specific vapor intrusion risk as recommended in the guidance cited by PES. Therefore, the Site-specific attenuation factor remains unknown and represents a significant data gap. Staff acknowledges the soil vapor extraction system is being operated to mitigate potential exposure and reduce subsurface contamination to acceptable levels, but that does not address the fundamental objective of the 2017 Cleanup and Abatement Order (i.e. R6T-2017-0022), which is to fully characterize the Site.

2) Indoor air sampling conducted in December 2015 confirmed the vapor intrusion pathway is complete and that nearby contaminant sources are likely contributing to the indoor air concentrations reported in the tenant spaces sampled. The source(s) of chlorinated hydrocarbons in the indoor air samples remain unknown and this has been identified by staff as a significant data gap. Chlorinated hydrocarbon contamination in soil and groundwater has been reported beneath the former dry cleaner tenant space, in addition to the soil, soil gas, and groundwater contamination reported in the northern parking lot (i.e., PCE delivery area).

3) The spatial variability of chlorinated hydrocarbons identified in soil gas at the Site remains undefined. Soil gas concentrations of contaminants of concern (COCs) above San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESLs) have been reported directly adjacent to the existing building's northern perimeter. Although indoor air sampling activities were conducted in 2015, the activities did not include evaluation of the spatial distribution of soil gas beneath the building. No other investigative activities have been conducted beneath the building to evaluate soil gas spatial distribution. Therefore, the spatial distribution of soil gas beneath the building has been

identified by staff as a significant data gap and this data gap will not be addressed by the proposed indoor air sampling. Staff note that the indoor air sampling guidance cited by PES in the Workplan recommends the collection of paired indoor air and subslab soil gas samples to further evaluate spatial distribution and this recommendation has not been incorporated into the Workplan.

4) The seasonal or temporal variability of indoor air quality has not been evaluated and represents a significant data gap. Indoor air sampling was conducted in July 2015 at 1026 Lake Tahoe Boulevard and in December 2015 at 1022, 1024, 1026, and 1032 Lake Tahoe Boulevard tenant spaces. No other indoor air sampling events have been conducted.

5) The vertical distribution of chlorinated hydrocarbons in soil gas remains undefined at the Site and represents a significant data gap. Vertical soil gas profiling of COCs has not been conducted and soil gas samples have only been collected within a single depth interval at approximately five feet below ground surface. Vertical soil gas profiling is recommended to verify that the subsurface source of vapors is accurately reflected in the conceptual site model.

6) Soil gas sampling in 2015 indicated detectable PCE concentrations ranging from 0.514 to 0.079 micrograms per cubic meter ($\mu g/m^3$) in nine of the ten indoor air samples collected. The indoor air sampling event was conducted during a time when the soil vapor extraction system was operating. Although none of the indoor air samples exceeded applicable ESLs, the results indicate (1) potential threat via the vapor intrusion pathway in all of the tenant spaces sampled, and (2) additional evaluation of potential threat to human health via the vapor intrusion pathway will be necessary following shut down of the air sparge/soil vapor extraction system (AS/SVE) operation to account for potential post remediation soil gas rebound. The potential threat to human health that may remain in indoor air following shut down of the AS/SVE (and associated potential soil gas concentration rebound) has been identified by staff as a significant data gap.

Specific Comments

Consistent with DTSC Vapor Intrusion Guidance documents (2011; 2020):

7) Soil vapor probes should be sampled within two weeks of indoor air sample collection to evaluate the extent and magnitude of soil gas in the northern parking lot area relative to any indoor air soil gas contaminant concentrations reported. Use of multiple lines of evidence will be necessary to reduce uncertainty and to provide a more comprehensive understanding of the vapor intrusion pathway to increase confidence in Site management decisions.

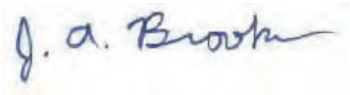
8) An indoor air sample location should be added to the common corridor area south of 1022 and 1024 Lake Tahoe Boulevard. The common corridor area was

previously assessed in 2015 and indicated detectable PCE concentrations in soil gas.

9) If penetrations are identified as potential vapor pathways during the initial building survey, evaluation of the feature (e.g., sewer) as a specific vapor conduit potentially enhancing vapor intrusion should be considered. Any additional evaluation or actions taken to address specific features should be discussed and identified as significant data gaps requiring additional investigation.

10) Evaluation of complimentary lines of evidence should be presented as a data evaluation strategy in the Workplan. Exterior soil gas sampling, vapor conduit sampling, vapor entry point sampling, and cross-slab pressure differential measurements, evaluation of mass flux/discharge should be considered as part of this data evaluation strategy.

Please contact the Case Manager, Brian Grey, at (530) 542- 5421 (brian.grey@waterboards.ca.gov), or me, at (530) 542-5420 (jeff.brooks@waterboards.ca.gov) with any questions or comments.



Jeff Brooks, PG
Senior Engineering Geologist
Cleanup/Site Investigation and Enforcement Unit Chief

cc: Kyle Flory, PES Environmental, Inc.
William Tarantino, Morrison Foerster
Justin Fisch, Morrison Foerster
Lake Tahoe Laundry Works Interested Parties Mailing List

APPENDIX A

Revised Indoor Air Sampling Work Plan (Revised Work Plan)

Response to Lahontan Regional Water Quality Control Board (LRWQCB) Comments in *Updated Notice of Deficient Workplan, September 21, 2021 Indoor Air Sampling Work Plan, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County, Site Cleanup Program Case No. T6S043.*

Comments from the LRWQCB are presented below in *italics*; responses follow comments.

General Comments and Identified Data Gaps

1. *A preliminary screening evaluation has not been conducted or provided according to the indoor air sampling guidance cited by PES in the Workplan (Department of Toxic Substance Control [DTSC] Vapor Intrusion Guidance documents [DTSC, 2011; 2020]). A site-specific attenuation factor has not been calculated for the Site. Default attenuation factors included in the indoor air sampling guidance indicates unacceptable risk is present at the Site based on historic and current soil gas concentrations in vapor probes located directly adjacent to the existing building. Additional Site characterization activities, including collection of additional subsurface data or subslab soil gas sampling, have not been conducted or identified to further evaluate Site-specific vapor intrusion risk as recommended in the guidance cited by PES. Therefore, the Site-specific attenuation factor remains unknown and represents a significant data gap. Staff acknowledges the soil vapor extraction system is being operated to mitigate potential exposure and reduce subsurface contamination to acceptable levels, but that does not address the fundamental objective of the 2017 Cleanup and Abatement Order (i.e. R6T-2017-0022), which is to fully characterize the Site.*

Response: According to the Vapor Intrusion Guidance Document prepared by the Department of Toxic Substances Control (DTSC) dated October 2011, a building survey is a preparatory activity conducted prior to indoor air sampling. As indicated in the Work Plan "[a] pre-sampling Building Survey Form (DTSC, 2011, 2020) will be submitted to each building owner/tenant to complete prior to the site walk-through by PES."

The DTSC document *Supplemental Guidance: Screening and Evaluating Vapor Intrusion (Draft for Public Comments)* dated February 2020 (Supplemental Guidance) presents Recommended Attenuation Factors for Screening. The Recommended Attenuation Factors for Screening cited in the Supplemental Guidance are U.S. Environmental Protection Agency (USEPA) empirically derived attenuation factors (AFs) and DTSC indicates that the AFs should be used for the screening of sites in California. According to the Supplemental Guidance "[t]hese conservative AFs are protective of public health under most building

occupancy scenarios and should be used for the initial screening of sites." In the Supplemental Guidance DTSC states that "[a]lthough this guidance supports the use of USEPA's AFs (USEPA, 2015) for initial screening of buildings, alternative approaches may be used if supported by adequate technical and site information." DTSC further states "[a]lternative approaches may need more sampling than proposed in this guidance to confirm the alternative satisfies the data quality objectives for the investigation." The Work Plan was prepared on a voluntary basis by Seven Springs Limited Partnership (Seven Springs) to further assess the potential for vapor intrusion at the Site in indoor air in a commercial setting. Based on the limited sampling conducted to date the proposed use of the conservative USEPA AFs for the screening of the building at the Site is appropriate. However, as discussed in the Revised Work Plan, based on the concentrations of tetrachloroethene (PCE) in soil gas and indoor air samples collected in December 2015 a site-specific AF range has been calculated. Following the sampling proposed in the Revised Work Plan, the site-specific AF will be further assessed to evaluate the range of site-specific AF at the Site. The site-specific AF can be further evaluated during post-remediation indoor air sampling conducted after operation of the on-Site SVE system is discontinued, if warranted.

As noted above, the Work Plan was submitted on a voluntary basis by Seven Springs to further assess the potential for vapor intrusion in indoor air in a commercial setting at the Site. The Work Plan was not intended to propose additional sampling to further characterize the Site. Four criteria are presented in Step 1C of the Supplemental Guidance and based on Site conditions proceeding directly to indoor air sampling is appropriate. Additionally, further assessment required for the development of a site-specific AF is not required in accordance with the Supplemental Guidance and development of a site-specific AF is not identified as data gap, significant or otherwise.

2. *Indoor air sampling conducted in December 2015 confirmed the vapor intrusion pathway is complete and that nearby contaminant sources are likely contributing to the indoor air concentrations reported in the tenant spaces sampled. The source(s) of chlorinated hydrocarbons in the indoor air samples remain unknown and this has been identified by staff as a significant data gap. Chlorinated hydrocarbon contamination in soil and groundwater has been reported beneath the former dry cleaner tenant space, in addition to the soil, soil gas, and groundwater contamination reported in the northern parking lot (i.e., PCE delivery area).*

Response: Contrary to the statement above, the December 2015 indoor air sampling did not confirm that the vapor intrusion pathway is complete but did confirm that unacceptable conditions are not present in the Site building. The results of the December 2015 indoor air sampling event conducted at 1022, 1024, and 1026 Lake Tahoe Boulevard and 1032 Emerald Bay Road within the South Y Center indicate the presence of low levels of tetrachloroethene (PCE) in indoor air. TCE, cis-1,2-dichloroethene (DCE), trans-1,2-DCE, and vinyl chloride were not detected at or above the respective laboratory reporting limits in any of the indoor air or pathway samples. PCE was detected in nine of the ten indoor air and pathway samples collected during the sampling event, at concentrations ranging from 0.079 micrograms per cubic meter ($\mu g/m^3$) to 0.514 $\mu g/m^3$. The laboratory analytical results indicate that the risk associated

with the detected concentrations of PCE in indoor air is less than a $1x10^{-6}$ risk level. Based on the response actions identified in the Guidance Documents, if the initial evaluation of vapor intrusion indicates a risk level less than $1 x10^{-6}$, no further action is required. Concentrations of PCE detected in the indoor air and pathway samples did not exceed the conservative Environmental Screening Level (ESL) established by the Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) for PCE in indoor air in a commercial/industrial setting ($2.0\ \mu g/m^3$). The conservative ESLs are based on a $1 x10^{-6}$ risk level.

The Site has not been occupied by a former dry cleaner as stated by the LRWQCB. The former LTLW laundromat tenant space reportedly contained a coin-operated dry cleaning machine from approximately 1972 to 1978 or 1979. The Site has been extensively investigated and based on the results of the investigations, it appears that a release of PCE occurred in the parking lot north of the Site building. Site investigation activities started in 2003, and multiple rounds of on-Site and off-Site groundwater, soil, and soil gas investigations were conducted, and based on the results of those investigations it has been confirmed that the release area on the Site is located north of the Site building. Very low concentrations of PCE were detected in soil samples (maximum concentration of PCE detected was 0.095 milligrams per kilogram) and groundwater samples (maximum concentration of PCE detected was 8.3 micrograms per liter) collected from beneath the former LTLW laundromat tenant space. The source of the low concentrations of PCE detected in indoor air may be the impacted soil gas and groundwater encountered at the Site or other sources of indoor air contamination such as cleaners, glues, aerosol sprays, dry-cleaned clothes as identified by DTSC in the Supplemental Guidance. The PCE indoor air concentrations measured in December 2015 are below typical indoor air concentrations identified by U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER)[1] background indoor air concentrations of VOCs in North American residences between 1990 and 2005.

3. *The spatial variability of chlorinated hydrocarbons identified in soil gas at the Site remains undefined. Soil gas concentrations of contaminants of concern (COCs) above San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESLs) have been reported directly adjacent to the existing building's northern perimeter. Although indoor air sampling activities were conducted in 2015, the activities did not include evaluation of the spatial distribution of soil gas beneath the building. No other investigative activities have been conducted beneath the building to evaluate soil gas spatial distribution. Therefore, the spatial distribution of soil gas beneath the building has been identified by staff as a significant data gap and this data gap will not be addressed by the proposed indoor air sampling. Staff note that the indoor air sampling guidance cited by PES in the Workplan recommends the collection of paired indoor air and subslab soil gas samples to further evaluate spatial distribution and this recommendation has not been incorporated into the Workplan*

[1] U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER). *Background Indoor Air Concentrations of Volatile Organic Compounds in North American Residences (1990-2005): A Compilation of Statistics for Assessing Vapor Intrusion*. June 2011.

Response: The Site has been very well characterized and with minor exceptions the spatial variability of VOCs in soil gas has been evaluated via quarterly sampling of soil gas probes since April 2010. As stated by DTSC in the Supplemental Guidance, "[c]urrent Buildings: Soil gas data used for vapor intrusion screening evaluations should be collected as close to the building on the side(s) of the building where concentrations are expected to highest." Soil vapor probes VP-1, VP-5, VP-6, VP-9, and VP-10 are located as close as possible to the Site building and vapor probes VP-5, VP-6, and VP-9 are located on the side of the building where VOC concentrations are expected to be highest. As stated in the Work Plan, "[d]uring the June 2021 sampling, elevated concentrations of PCE were detected in samples collected from vapor probes VP-6 (880 micrograms per cubic meter [$\mu g/m^3$]) and VP-9 (670 $\mu g/m^3$) and the concentrations of PCE detected in probes VP-1, VP-5, and VP-10 were below the current ESL of 67 $\mu g/m^3$." Vapor intrusion screening evaluations using soil gas probes installed at a building perimeter is an acceptable means to determine if indoor air sampling is appropriate as stated in the Work Plan.

Based on the results and findings of the previous investigations conducted at the Site it is understood that the release area was located north of the Site building in the parking lot where the soil gas probes have been installed next to the Site building. While no soil gas sampling has been conducted beneath the Site building it is not considered a significant data gap at this time since the SVE system is still operating and an assessment beneath the Site building may be required after the SVE system is turned off.

4. *The seasonal or temporal variability of indoor air quality has not been evaluated and represents a significant data gap. Indoor air sampling was conducted in July 2015 at 1026 Lake Tahoe Boulevard and in December 2015 at 1022, 1024, 1026, and 1032 Lake Tahoe Boulevard tenant spaces. No other indoor air sampling events have been conducted.*

Response: The seasonal/temporal variability of indoor air quality will be assessed as the sampling proposed in the Work Plan will be completed in June or July 2022.

5. *The vertical distribution of chlorinated hydrocarbons in soil gas remains undefined at the Site and represents a significant data gap. Vertical soil gas profiling of COCs has not been conducted and soil gas samples have only been collected within a single depth interval at approximately five feet below ground surface. Vertical soil gas profiling is recommended to verify that the subsurface source of vapors is accurately reflected in the conceptual site model.*

Response: LRWQCB is recommending vertical soil gas sampling at the Site because it asserts that the vertical distribution of VOCs in soil gas at the Site is not defined and the source of the VOCs is not understood. LRWQCB fails to recognize that data needs are dependent upon the question that the data are seeking to answer. USEPA requires characterization of environmental processes and conditions so that the data collected are of the appropriate type

and quality for their intended use.[2] Accordingly, USEPA has developed the seven step DataQuality Objectives (DQO) Process that serves as the basis for designing a plan for collecting data of sufficient quality and quantity to support the goals of a study.[3] Data needs are a function of the intended use of the data.[4]

LRWQCB has failed to identify the intended use of the recommended soil gas data. Following extensive investigations of the LTLW between 2003 and 2018, all of which were conducted with LRWQCB oversight, Seven Springs and Fox installed a soil vapor extraction/groundwater air sparge system (SVE/GASS) in 2010, to remediate soil and groundwater at the LTLW, including beneath the former drycleaner tenant space. The effectiveness of that system has been thoroughly evaluated,[5] and LRWQCB itself has stated that the system was operated in accordance with LRWQCB's directives.[6] Accordingly, additional vertical soil gas data are not needed because the Site is being actively remediated and the remediation system has already been found to be effective. Indeed, USEPA states "if the data are being used for decision-making and provide evidence strongly in favor of one course of action over another, then the decision maker can proceed knowing that the decision will be supported by unambiguous data."[7]

During periodic telephone conversations with representatives of Seven Springs, LRWQCB claims its recommendation for vertical definition of VOCs in soil gas is justified because it is trying to be consistent with comments PES has made with respect to the former Big O Tires and Hurzel sites. However, consistency does not require treating entirely different situations in the same manner. No remediation system has been installed, let alone operated for 11 years like the SVE/GASS, at the former Big O Tires site or the Hurzel site. To the contrary, responsible parties at both sites maintain no remediation of their properties is required, despite documented releases of chlorinated solvents and inadequate investigations. The proposed investigation of the former Big O Tires site is intended to assess potential source areas and "further evaluate contaminant concentration and extent in groundwater."[8] The objective of the proposed investigation of the Hurzel site is to "collect data to support technically consistent conclusions that address: (i) whether the property contributed to regional PCE groundwater

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[2] U.S. EPA. February 2006. *Guidance on Systematic Planning Using the Data Quality Objectives Process, EPA QA/G-4*. Office of Environmental Information. EPA/240/B-06/001, at 1.

[3] *Id.*, at 7.

[4] U.S. EPA. February 2006. *Data Quality Assessment: A Reviewer's Guide, EPA QA/G-9R*. Office of Environmental Information. EPA/240/B-06/002, at 1.

[5] PES and EKI Environment & Water, Inc. April 4, 2017. *Lake Tahoe Laundry Works (LTLW)*; Environmental Engineering, Consulting & Remediation, Inc. July 27, 2016. *Response to Comments on Air Sparge Performance Test, Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California*.

[6] Water Board. May 12, 2017. Cleanup and Abatement Order No. R6T-2017-0022 Requiring Seven Springs Limited Partnership, Fox Capital Management Corporation, Bobby Pages, Inc., and Connolly Development, Inc. to Clean Up and Abate the Effects of the Discharge of Chlorinated Hydrocarbons to the Groundwaters of the Lake Tahoe Hydrologic Unit at the Former Lake Tahoe Laundry Works Located at 1024 Lake Tahoe Boulevard in South Lake Tahoe, at 1-2, 14.

[7] U.S. EPA (2006). *supra* n. 4, at 1.

[8] Welsh Hagen Associates. July 26, 2021. Revised Phase 2 Work, Plan Former Big O, Tires Site, 1961 Lake Tahoe Boulevard, South Lake Tahoe, California, at 10.

contamination; and (ii) is the property currently contributing to the regional PCE contamination."[9] A soil gas investigation at both sites would provide valuable information in support of these objectives as it would enable LRWQCB to evaluate the presence, nature, and extent of contamination and to determine if remedial actions are required. It is not surprising that data needs are more extensive when delineating contamination in possible support of a no action decision than they are at site that has been successfully operating a LRWQCB-approved remediation system for over a decade.

6. *Soil gas sampling in 2015 indicated detectable PCE concentrations ranging from 0.514 to 0.079 micrograms per cubic meter (µg/m3) in nine of the ten indoor air samples collected. The indoor air sampling event was conducted during a time when the soil vapor extraction system was operating. Although none of the indoor air samples exceeded applicable ESLs, the results indicate (1) potential threat via the vapor intrusion pathway in all of the tenant spaces sampled, and (2) additional evaluation of potential threat to human health via the vapor intrusion pathway will be necessary following shut down of the air sparge/soil vapor extraction system (AS/SVE) operation to account for potential post remediation soil gas rebound. The potential threat to human health that may remain in indoor air following shut down of the AS/SVE (and associated potential soil gas concentration rebound) has been identified by staff as a significant data gap.*

Response: Based on the results of the December 2015 indoor air sampling, no unacceptable conditions were identified. The maximum concentration detected was well below the acceptable target risk level of $1x10^{-6}$. As noted above, the low concentrations of PCE detected in the indoor air are below typical indoor air concentrations identified by USEPA, OSWER background indoor air concentrations of VOCs in North American residences between 1990 and 2005. Seven Springs recognizes additional evaluation of indoor air may be required following shutdown of the SVE/GASS. This is not a significant data gap as an unacceptable vapor intrusion condition does not exist at the Site currently and if present in the future will be addressed at the appropriate time.

Specific Comments

Consistent with DTSC Vapor Intrusion Guidance documents (2011; 2020):

7. *Soil vapor probes should be sampled within two weeks of indoor air sample collection to evaluate the extent and magnitude of soil gas in the northern parking lot area relative to any indoor air soil gas contaminant concentrations reported. Use of multiple lines of evidence will be necessary to reduce uncertainty and to provide a more comprehensive understanding of the vapor intrusion pathway to increase confidence in Site management decisions.*

[9] RMC Geoscience, Inc. October 22, 2021. Trestle South Lake Tahoe, LLC Property, Emerald Bay Road, South Lake Tahoe, California, at 4.

Response: As described in the Revised Work Plan, soil gas probes VP-1, VP-5, VP-6, VP-9, and VP-10 (these probes are located immediately adjacent to the Site building) will be sampled within two weeks of the indoor air sampling event as part of a routine quarterly sampling event conducted at the Site.

8. *An indoor air sample location should be added to the common corridor area south of 1022 and 1024 Lake Tahoe Boulevard. The common corridor area was previously assessed in 2015 and indicated detectable PCE concentrations in soil gas.*

Response: As described in the Revised Work Plan, indoor air sampling will be conducted in the common corridor area south of 1022 and 1024 Lake Tahoe Boulevard.

9. *If penetrations are identified as potential vapor pathways during the initial building survey, evaluation of the feature (e.g., sewer) as a specific vapor conduit potentially enhancing vapor intrusion should be considered. Any additional evaluation or actions taken to address specific features should be discussed and identified as significant data gaps requiring additional investigation.*

Response: The Revised Work Plan describes the additional evaluation or actions that may be conducted to address specific features, in the event penetrations or other features are identified as a potential vapor pathway.

10. *Evaluation of complimentary lines of evidence should be presented as a data evaluation strategy in the Workplan. Exterior soil gas sampling, vapor conduit sampling, vapor entry point sampling, and cross-slab pressure differential measurements, evaluation of mass flux/discharge should be considered as part of this data evaluation strategy.*

Response: As described in the Revised Work Plan, soil gas probes and sub-slab probes will be sampled within 48 hours of completion of the indoor air sampling. Additional actions such as vapor conduit sampling are contemplated in the Revised Work Plan.

APPENDIX B

PERTINENT INFORMATION FROM DECEMBER 2015 INDOOR AIR SAMPLING

(PES, 2016. *Indoor Air Sampling Report, Former Lake Tahoe Laundry Works, 1022, 1024, and 1026 Lake Tahoe Boulevard, and 1032 Emerald Bay Road, South Lake Tahoe, California [RWQCB SLIC Case No. T6S043].* January 14.)

Table
Indoor Air Sample Results
1022, 1024 and 1026 South Lake Tahoe Boulevard and 1032 Emerald Bay Road
South Lake Tahoe, California

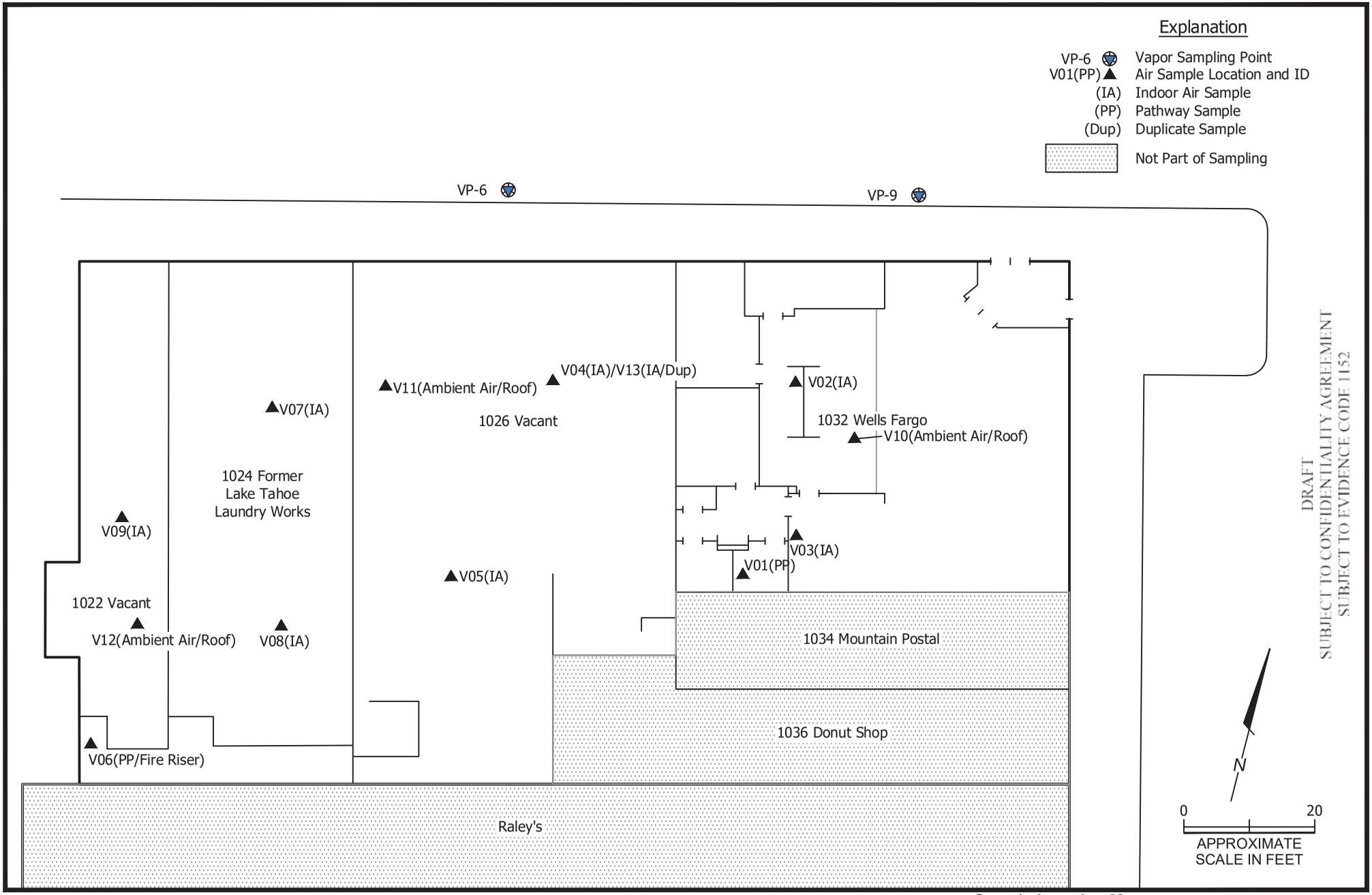
Sample Identification	Sample Description / Location	PCE (µg/m^3)	TCE (µg/m^3)	cis-1,2-DCE (µg/m^3)	trans-1,2-DCE (µg/m^3)	VC (µg/m^3)
1032 Emerald Bay Road (Wells Fargo Space)						
1032-V01	Foundational opening (men's restroom floor drain), southeast portion of space	**0.514**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1032-V02	Indoor air (customer area), north-central portion of space	**0.300**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1032-V03	Indoor air (teller area), southern portion of space	**0.222**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1032-V10	Outdoor (RTU-2 Intake), eastern portion of roof	ND (<0.0678)	ND (<0.0537)	ND (<0.0397)	**0.121**	ND (<0.0256)
1026 South Lake Tahoe Boulevard (Large Vacant Space)						
1026-V04	Indoor air, north-central portion of space	**0.079**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
122415-V13	Indoor air (V04/QAQC Duplicate), north-central portion of space	**0.087**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1026-V05	Indoor air, south-central portion of space	ND (<0.0678)	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1026-V11	Outdoor (RTU supplying northwestern portion of space), west-central portion of roof	ND (<0.0678)	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1024 South Lake Tahoe Boulevard (Tahoe Suds Space)						
1024-V07	Indoor air, north-central portion of space	**0.119**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1024-V08	Indoor air, south-central portion of space	**0.101**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1022 South Lake Tahoe Boulevard (Small Vacant Space and Common Corridor)						
1022-V06	Foundational opening (common corridor fire riser), southwest corner of structure	**0.122**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1022-V09	Indoor air, central portion of space	**0.110**	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)
1032-V12	Outdoor (RTU supplying central portion of space), western portion of roof	ND (<0.0678)	ND (<0.0537)	ND (<0.0397)	ND (<0.0396)	ND (<0.0256)

Agency-referenced VOC Exposure Threshold Values	PCE (µg/m^3)	TCE (µg/m^3)	cis-1,2-DCE (µg/m^3)	trans-1,2-DCE (µg/m^3)	VC (µg/m^3)
RWQCB ESL (Table E)[1]	2.1	3.0	31	260	0.16
DTSC Modified SL (Table 3)[2]	2.1	3.0	NL	NL	0.16
USEPA Region 9 RSL[3]	47	3.0	NL	NL	2.8

Table
Indoor Air Sample Results
1022, 1024 and 1026 South Lake Tahoe Boulevard and 1032 Emerald Bay Road
South Lake Tahoe, California

Sample Identification	Sample Description / Location	PCE ($\mu g/m^3$)	TCE ($\mu g/m^3$)	cis-1,2-DCE ($\mu g/m^3$)	trans-1,2-DCE ($\mu g/m^3$)	VC ($\mu g/m^3$)

Notes:
$\mu g/m^3$ = Micrograms per cubic meter air
PCE = Tetrachloroethene
TCE = Trichloroethene
c-1,2-DCE = cis-1,2-Dichloroethene
t-1,2-DCE = trans-1,2-Dichloroethene
VC = Vinyl Chloride
RTU = Roof Top Unit
NL = Not Listed
ND = Not detected at or above the specified laboratory reporting limit.
SL = Screening Level
ESL = Environmental Screening Level
RSL = Regional Screening Level
1 = California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region, *Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater, Interim Final - December 2013. Table E, Commercial/Industrial Land Use.*
2 = *Department of Toxic Substances Control (DTSC), Modified Screening Levels (DTSC-SLs), Table 3, Screening Levels for Volatile Compounds in Ambient Air. October 2015.*
3 = U.S. Environmental Protection Agency (USEPA), Region 9, *Regional Screening Levels for Chemical Contaminants at Superfund Sites, Industrial Air Supporting Table, November 2015.*



PES Environmental, Inc.
Engineering & Environmental Services

Sample Location Map
Indoor Air Sampling
1022, 1024, and 1026 Lake Tahoe Boulevard
and 1032 Emerald Bay Road
South Lake Tahoe, California

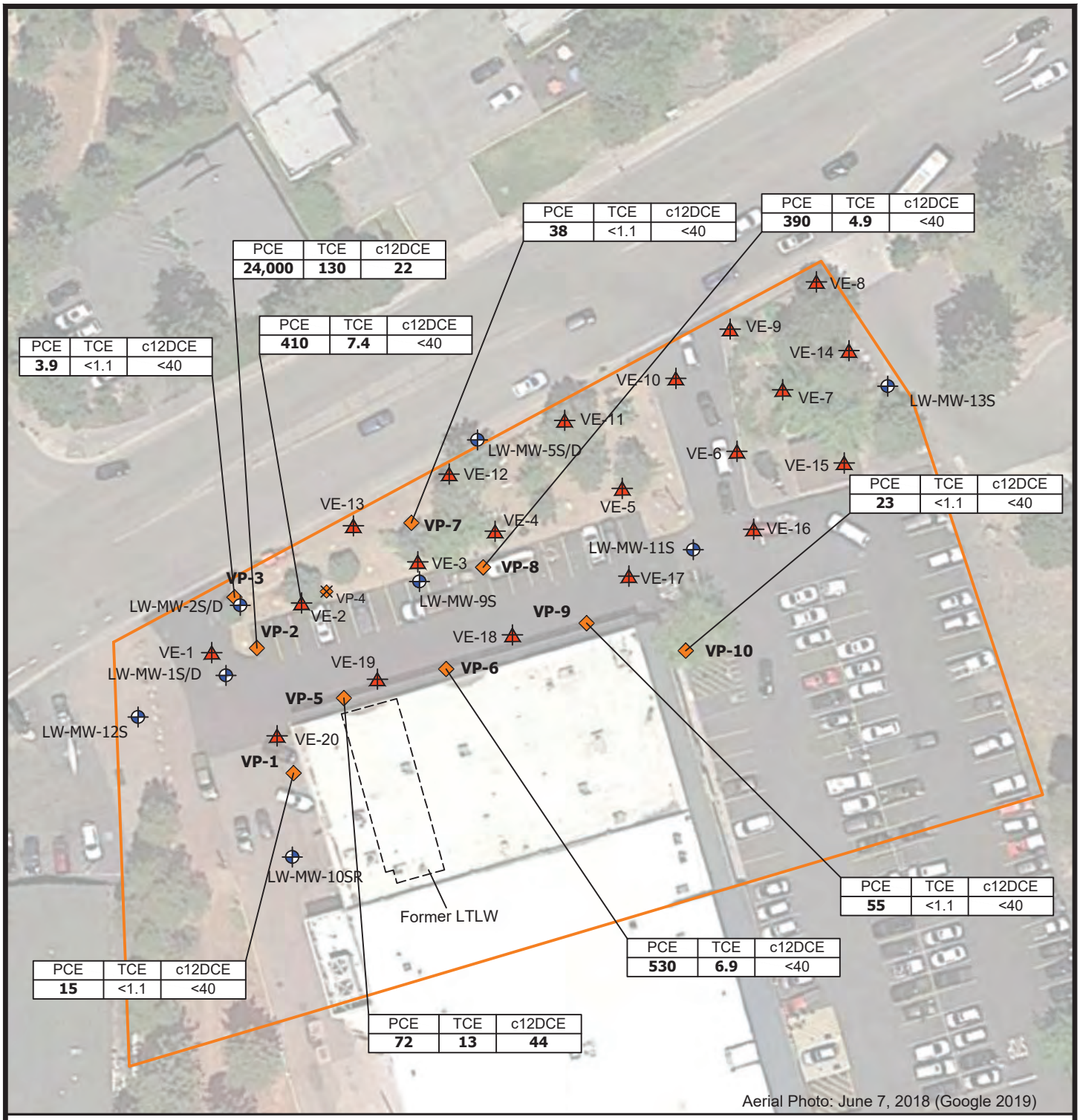
PLATE
3

1021.001.01.008	102100101008_IAQA_1-3	KSF	1/16
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

APPENDIX C

PLATE ILLUSTRATING THIRD QUARTER 2021 SOIL VAPOR SAMPLING RESULTS

(PES, 2021. *Second Quarter 2021 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California*. September 15.)



Explanation

- Lake Tahoe Laundry Works (LTLW Site)
- LW-MW-13S — Groundwater Monitoring Well
- VP-10 — Soil Gas Probe Location
- VE-1 — Soil Vapor Extraction (SVE) Well Location
- VP-4 — Lost Soil Gas Probe Location

NS = Not Sampled
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
Concentrations reported in micrograms by cubic meter($\mu g/m^3$)
<1.1 = Not detected at respective laboratory reporting limit

0 60
SCALE IN FEET

N

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SUBJECT TO EVIDENCE CODE 1152

PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

Third Quarter 2021 Shallow Soil Vapor Distribution Plot
Quarterly Monitoring Report
Former Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 7

1021.001.04.036	102100104036_21Q3_7	KSF	12/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

APPENDIX D

BUILDING SURVEY FORM AND BUILDING SCREENING FORM

(DTSC, 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air [Vapor Intrusion Guidance]*. October.)

Building Survey Form

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SUBJECT TO EVIDENCE CODE 1152

Type in or select answers from drop-down lists in the righthand column.
Upload answers to GeoTracker database for criteria marked with an asterisks (*).
See Table 1 in the *Guidance on Uploading Vapor Intrusion Information into GeoTracker* (Attachment 4 of Supplemental Vapor Intrusion Guidance) for a description of Building Design Type input choices.

Person Conducting Survey	Input
Name:	
Company:	
Phone Number:	
Email:	

Building Contact Information	Input
Name:	
Contact Title:	-
Phone Number:	
Email:	
Building Occupant Interviewed?	-

Building Information	Input
Date of Building Survey (dd/mm/yy):	
*Building Name:	
*Building Address (Street, City):	
Coordinates for Center of Building (Latitude, Longitude; decimal degrees to 0.00000):	
*Building Location Onsite/Offsite with respect to Site/Facility:	-
*Year Built (yyyy; approximate if unsure):	
*Building Occupants:	-

Building Survey Form

Building Dimensions	Input
*Building Footprint Area (within enclosed space; square feet [Ft2]):	
Building Dimensions (at grade; feet by feet):	
*Ceiling Height of Ground Floor (Feet):	
*Number of Floors (excluding the basement):	

Building Design	Input
*Building Design Type:	-
Has the design been modified?	-
*Foundation Type:	-
*Building Vapor Intrusion Mitigation System:	-
*Heating, Ventilation, & Air Conditioning (HVAC) System:	-
Type of Energy Used in Building?	-
Energy Primarily Used For?	-
Number of Units for Multi-Unit Buildings:	
Number of Rooms (average per unit for multi-unit buildings):	
Number of Exterior Doors:	
Number of Elevators:	
Number of Active Exhaust Fans (e.g., kitchen/bathroom):	
Chimney or Other Vertical Draft Source?	-

Building Slab	Input
Slab Thickness (inches; approximate if unsure):	
Large Slab Penetrations (> 1 Foot Diameter):	-
Soil Type 0 to 3 Feet Below Building:	-
Evidence of moisture intrusion from Below Slab?	-

Building Survey Form

Building Windows	Input
Number of Windows:	
Weather Sealed Windows and Exterior Doors?	-
Average Area of Window Open to Outside Air (Feet2):	
Ventilation During Sampling:	-

Building Crawl Space	Input
Crawl Space Height (Feet):	
Number Crawl Space Vents:	
Average Area per Crawl Space Vent (Feet2):	
Evidence of moisture intrusion into Crawl Space from Soil?	-

Building Basement	Input
Basement Height (Feet):	
Basement Footprint Area (Feet2):	
Basement Wall Area Below Ground Surface (Feet2):	
Exposed Basement above grade?	-
Vents or Windows above-grade in exposed basement?	-
Unfinished Basement?	-
Evidence of moisture intrusion into Basement from Soil?	-

Building Survey Form

Factors Potentially Influencing Indoor Air Quality	Input
Is there an attached garage?	-
Is there smoking in the building?	-
Is there new carpet or furniture?	-
Have clothes or drapes been recently dry cleaned?	-
Has painting or staining been done within the last six months?	-
Has the building been recently remodeled?	-
Has the building ever had a fire?	-
Is there a hobby or craft area in the building?	-
Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?	-
Is there a fuel oil tank on the property?	-
Is there a septic tank on the property?	-
Has the building been fumigated or sprayed for pests recently?	-
Historically the building was primarily used for?	-
Do current building occupants use solvents at another location (e.g., work, hobby)?	-

Meteorological Conditions	Input
Weather:	
Outdoor Temperature - High (°F):	
Outdoor Temperature - Low (°F):	
Indoor Temperature (°F):	
Barometric Pressure Reading (mmHg):	
Wind Direction:	-
Average Wind Speed (mph):	
HVAC Setting for Current Season:	-

(End of Form)

Building Survey Form Drop Down Lists

Building Contact Information

Contact Title:
Owner
Manager
Occupant
Other

Building Occupant Interviewed?
Yes
No

Building Information

***Building Location Onsite/Offsite/Offsite with respect to Site/Facility**
Onsite
Offsite

***Building Occupants:**
Residential
Commercial
Residential Unit over Commercial Unit
Sensitive Use (e.g. Child Care or Medical Facility)

Building Design

***Building Design Type:**
Single Unit Residential
Multi-Unit Residential (e.g. duplex, apartments)
Single Unit Commercial
Multi-Unit Commercial (e.g. strip mall)
Multi-Unit Mixed Use
Auditorium (e.g. church, theater)
School
Industrial
Manufacturing Facility
Warehouse
Other

Has the design been modified?
Yes
No
Unknown

***Foundation Type:**
Slab-on-Grade
Crawl Space
Partial Crawl Space
Basement
Partial Basement
Podium
Earthen
Secondary Slab Pour
Other

***Building Vapor Intrusion Mitigation System:**
Vapor Intrusion Barrier Only
Passive Vented System
Active Vented System
Subslab Depressurization System
Other
None

***Heating Ventilation, & Air Conditioning (HVAC) System:**
Heating Only
Cooling Only
Heating & Cooling
None

Type of Energy Used in Building?
Natural Gas
Fuel Oil
Propane
Electricity
Wood
Kerosene
More Than One Type
Other
None
Unknown

Energy Primarily Used For?
Space Heating
Water Heating
Cooking
Drying Laundry (Interior)
Commercial/Industrial Processes
Other
Unknown

Chimney or Other Vertical Draft Source?
Yes
No

Building Slab

Large Slab Penetrations (> 1 Foot Diameter):
Sump
Elevator Shaft
Floor Drain
Other
None

Soil Type 0 to 3 Feet Below Building:
Fine
Coarse
Fine and Coarse
Unknown

Evidence of moisture intrusion from Below Slab?
Yes
No
N/A

Building Windows

Weather Sealed Windows and Exterior Doors?
All Sealed
Some Sealed
None Sealed
Unknown

Ventilation During Sampling:
Open Windows
Closed Windows
Some Windows Open

Building Crawl Space

Evidence of moisture intrusion into Crawl Space from Soil?
Yes
No
N/A

Building Basement

Exposed Basement above grade?
Yes

No
N/A

Vents or Windows above-grade in exposed basement?
Yes
No
N/A

Unfinished Basement?
Yes
No
N/A

Evidence of moisture intrusion into Basement from Soil?
Yes
No
N/A

Factors Potentially Influencing Indoor Air Quality

Is there an attached garage?
Yes
No
N/A

Is there smoking in the building?
Yes
No

Is there new carpet or furniture?
Yes
No
N/A

Have clothes or drapes been recently dry cleaned?
Yes
No
N/A

Has painting or staining been done within the last six months?
Yes
No
N/A

Has the building been recently remodeled?
Yes
No
N/A

Has the building ever had a fire?
Yes
No
N/A

Is there a hobby or craft area in the building?
Yes
No
N/A

Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?)
Yes
No
N/A

Is there a fuel oil tank on the property?
Yes
No
N/A

Is there a septic tank on the property?
Yes
No
N/A

Has the building been fumigated or sprayed for pests recently?
Yes
No
N/A

Historically the building was primarily used for?
Dy Cleaner
Industrial Degreasing/Cleaning
Laboratory
Manufacturing
Painting/Finishing
Other
None

Do current building occupants use solvents at another location (e.g., work, hobby)?
Dy Cleaner
Industrial Degreasing/Cleaning
Laboratory
Manufacturing

Painting/Finishing
Other
None

Meteorological Conditions

Wind Direction:
N
NW
NE
W
S
SW
SE
E

HVAC Setting for Current Season?
Heating
Cooling
Off

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Indoor Air Source Screen Form

This form should be used while conducting field screening (Step 3A.3, Supplemental Vapor Intrusion Guidance). An Indoor Air Source Screen Survey of indoor air will help identify potential sources of vapor forming chemicals (VFCs) and/or potential subsurface vapor entry points. Common screening tools, such as, Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), or Gas Chromatography-Electron Capture Detector (GC-ECD), should be used to detect the presence of VFCs in the air.

Use this form to document the room/area and location where the measurement was recorded during the Indoor Air Source Screen Survey, the field instrument type used, and the instrument reading and units. If a consumer product is identified and surrounding air tested, the location and the volatile ingredients of the product should be noted. (If the item(s) may be contributing VFCs to the indoor air, the items should be removed in advance of indoor air sampling.) This survey should be used to support the development of a conceptual understanding of how vapor intrusion may be occurring at the building and used in selecting sample locations for evaluating spatial distribution of VFCs in indoor air.

Site Information	Input
Building Address:	
Site/Facility Name:	
Screening Event Date:	
Screening Event Time:	
Event Weather Conditions:	
Name of Person(s) Conducting Sampling:	
Company Conducting Sampling:	
Field Instrument Type[1] (List All):	
Instrument Calibration Date:	

1 - Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), Gas Chromatography-Electron Capture Detector (GC-ECD), etc.

Indoor Air Source Screen Form

Sample Room/Area	Sample Location	Sample ID	Instrument Reading	Units	Volatile Ingredients in Consumer Products Identified Near Sample
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
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Comments:

APPENDIX E

INDOOR AIR SAMPLING PROCEDURES

APPENDIX E

INDOOR AIR SAMPLING PROCEDURES

PRE-SAMPLING WALK-THROUGH

Prior to conducting the indoor air sampling activities, PES will complete a walk-through of the tenant spaces with property management/tenants to check for signs of recent floor penetrations, construction, painting, or chemical usage using a low detection limit (parts per billion by volume [ppbv]) photo-ionization detector (PID). Floor penetrations assessed with the PID will include wall joints, floor cracks, utility penetrations (i.e., fire risers, water, sewer, and/or electrical conduits), and floor drains.

The actual sampling procedures will also be discussed with the property management/tenants. PES will also advise the property management/tenant(s) to operate the heating, ventilation, and air conditioning (HVAC) system (if available) normally during the sampling period, with operation for at least twenty-four hours prior to the scheduled sampling event.

DAY OF SAMPLING

PES will arrive at the Site approximately one hour prior to the planned sampling start time to set up the canisters. PES will verify that if the building is equipped with a HVAC system that it has been operated normally, with operation for at least twenty-four hours prior to the scheduled sampling event.

The canisters will be opened sequentially with sampling completed approximately 24-hours after sampling commenced (unless an alternate time period has been pre-arranged and approved).

Air samples will be collected in pre-evacuated, 6-liter Summa canisters with laboratory-calibrated flow controllers and fitted with a vacuum gauge. The indoor air samples will be collected at a height of 3 to 5 feet above ground level in the breathing space. The individually certified-clean 6-liter Summa canisters and individually certified-clean flow controllers will be obtained from K Prime, Inc. (K Prime) of Santa Rosa, California (or alternate state-certified laboratory). The laboratory will also provide tubing and connections to allow for a “true duplicate” sample (two canisters connected to one sampling inlet, with a flow controller that is set to fill two 6-liter canisters). The vacuum on each canister will be monitored before sampling, during sampling, and after sampling. An extra canister and flow controller (equipped with a vacuum gauge) will be available in the event that a device malfunctions.

1. Samples are to be collected at a height of approximately 3.5 feet (for samples in an office where people are sitting) or 5.0 feet (in other areas where people normally stand, such as at a counter). Canisters may be set on small tables or a longer tube (with support) will be used;

2. The samples will be analyzed for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride by EPA Method TO-15 SIM. A maximum holding time of 14 days and reporting limits to meet commercial indoor air ESLs will be specified on the chain-of-custody;

3. Quality assurance samples: One true duplicate indoor air sample will be collected and one trip blank sample will be analyzed;

4. An extra canister and flow controller will be available for use. During the sampling period, the canister vacuums will be periodically checked. If a poorly operated controller is identified (with rapid drop in canister vacuum), a replacement canister will be used (and the sampling time may be less than the designated time period);

5. The sample locations will be designated as follow: Building address (1024, 1026, etc.), type of sample (IA = indoor air, P=pathway air, O=outdoor air, and D added to the "IA" for duplicate samples); and

6. The initial and final canister vacuums will be recorded on the chain-of-custody. Periodic vacuum readings collected during the sampling event will be recorded in the field notes.

At the end of the designated 8-hour sampling period, the canisters will be closed tightly and shipped under chain-of-custody documentation to the laboratory, picked up by the laboratory's courier, or delivered by PES to the laboratory. Other equipment provided by the laboratory (i.e., the flow controllers) will also be returned to the laboratory. The laboratory analytical report and chain-of-custody documentation will be provided in the report.

DISTRIBUTION

REVISED INDOOR AIR SAMPLING WORK PLAN
FORMER LAKE TAHOE LAUNDRY WORKS
1022, 1024 AND 1026 LAKE TAHOE BOULEVARD, AND
1032 EMERALD BAY ROAD
SOUTH Y SHOPPING CENTER
SOUTH LAKE TAHOE, CALIFORNIA

FEBRUARY 22, 2022

California Regional Water Quality Board — Electronic Only
Lahontan Region
Attention: Brian Grey, P.G.
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

Seven Springs Limited Partnership — Electronic Only
c/o Jeremy Taylor
Commerce Bank
118 West 47th Street, PL-1
Kansas City, Missouri 64112

PES Electronic File

APPENDIX D

DRAFT RISK MANAGEMENT PLAN

DRAFT RISK MANAGEMENT PLAN
Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150
GeoTracker ID: SL0601754315
Case #: T6S043

August 2025

Prepared for
Seven Springs Limited Partnership
Submitted to:
California Regional Water Quality Board - Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150

Prepared by:

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SIGNATURE PAGE

All information, conclusions and recommendations contained in this report have been prepared under the supervision of the undersigned professional(s).

_____ _____

Peter M. Krasnoff, P.E.
California Registered Civil Engineer (44031)

Date

_____ _____

Sharon Squire, Ph.D., P.G.
California Professional Geologist (8400)

Date

1.0 INTRODUCTION

On behalf of Seven Springs Limited Partnership (Seven Springs) and Fox Capital Management Corporation (Fox), West Environmental Services and Technology, Inc. (WEST) has updated the December 27, 2024 PES Environmental, Inc. (PES), dba NV5 (NV5) *Draft Risk Management Plan* (RMP) for the former Lake Tahoe Laundry Works (LTLW) located at 1024 Lake Tahoe Boulevard, South Lake Tahoe, California ("the Site;" Figures 1-1. The RMP has been updated to include monitoring data collected during 2024 and the First Quarter of 2025 (1Q25).

The Site location is presented on Figure 1-2. The former LTLW is under regulatory oversight by the California Regional Water Quality Control Board, Lahontan Region (RWQCB) and is subject to certain provisions of Cleanup and Abatement Order No. R6T-2017-0022 issued in May 2017 (Order). On November 5, 2020, the El Dorado Superior Court ruled that the Order's investigation and reporting requirements promulgated pursuant to Water Code Section 13267 are defective. The RAP is submitted with the expectation that it will be incorporated as a required action of the Stipulated Cleanup and Abatement Agreement (Stipulated Agreement) being prepared by the RWQCB, Seven Springs, and Fox.

The remedial action recommended in the RAP includes establishing land use controls in the Covenant and Environmental Restriction on Property (Covenant) to be recorded on the property deed. Pursuant to 22 CCR § 67391.1, the RWQCB shall not approve a response action decision document that includes limitations on land use or other institutional controls, unless those limitations or controls are clearly set forth and defined in the response action decision document. This provision of the California Code of Regulations (CCR) states "any response action decision document shall: (1) specify that the limitations or controls will be incorporated into an appropriate land use covenant as required by this section and (2) include a description of the implementation and enforcement provisions, including but not limited to frequency of inspections and reporting requirements, necessary to ensure the integrity and long-term protectiveness of the land use covenant."

This RMP fulfills requirements of 22 CCR § 67391.1 by describing procedures to control human exposure to soil, soil gas, and groundwater affected by chemicals of concern (COCs) that may be encountered at the Site. COCs for the Site are chlorinated volatile organic compounds (CVOCs) consisting of tetrachloroethene (PCE) and its degradation products trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), trans-1,2-dichloroethylene (trans-1,2-DCE), and vinyl chloride. If it is determined that subsurface maintenance or construction activities are required in areas with or potentially impacted by COCs, then: (1) all applicable regulations that provide protection of worker safety and health will be followed; (2) a Health and Safety Plan (HASP) will be prepared prior to conducting field work on the Site; (3) RWQCB will be notified prior to commencement of work; and (4) approval from RWQCB will be obtained prior to performing the work.

2.0 BACKGROUND INFORMATION

2.1 SITE DESCRIPTION

The Site is located approximately 9,000 feet south of Lake Tahoe in the City of South Lake Tahoe (City), El Dorado County, California (Figure 1-1). The former LTLW facility is situated in the northwest corner of the South Y Shopping Center, along Lake Tahoe Boulevard between U.S. Highway 50 and Tata Lane (Figure 1-2).

2.2 SITE CHARACTERISTICS AND OPERATIONS HISTORY

The Site is situated at an elevation of approximately 6,273 feet above mean sea level (msl) in an area of Mesozoic Cretaceous loamy coarse sand alluvium (NV5, 2023a). The climate of the area is generally Mediterranean with chilly winters with regular snowfall, and summers that feature warm to hot days and cool nights with very low humidity. The ground surface at the Site is generally flat with a slight slope to the north. The Upper Truckee River is located approximately 3,700 feet east of the Site.

The Site appears to have been undeveloped land until the early 1950s when several structures visible on the subject property in historical aerial photographs, including a gasoline station formerly located on the eastern side of the Site along Emerald Bay Road from approximately 1952 to 1962.

The Site is presently developed with the South Y Shopping Center that encompasses approximately 11.7 acres of an irregularly shaped parcel located on the south corner of the intersection of Lake Tahoe Boulevard and Highway 50 in South Lake Tahoe, California (Figure 1-1). The South Y Shopping Center was constructed in 1972 and includes a multi-tenant commercial building (Figure 1-2). The ground surface cover consists of either asphalt, concrete, and/or landscaping throughout the Site. The Site is bounded on the north and east by public roadways, on the south by residential properties, and on the west by commercial properties.

Since its opening in the early 1970s, the South Y Shopping Center has included a laundromat in the space occupied by the former LTLW at 1024 Lake Tahoe Boulevard. A coin-operated dry-cleaning unit (DCU) was located in the laundromat space beginning in 1972 and was removed from the laundromat in 1979 or 1980. WEST understands that no other dry-cleaning operations were conducted within the South Y Shopping Center.

2.3 USE OF ADJOINING TENANT SPACES AND ADJACENT PROPERTIES

Occupants in tenant spaces adjoining and adjacent to the former Lake Tahoe Laundry Works tenant space include: Wells Fargo (1032 Emerald Bay Road), Mtn Postal Pack & Ship (1034 Emerald Bay Road), and TV Donuts (1036 Emerald Bay Road) to the east, Raley's (1040 Emerald Bay Road), and Peet's Coffee (1040 Emerald Bay Road) to the south.

2.4 GEOLOGY AND HYDROGEOLOGY

2.4.1 Regional Geologic and Hydrogeologic Setting

The near surface geology in the vicinity of the Site primarily consists of alluvial deposits, including sands, silty sands, interbedded sands, silts, and clays to at least 140 feet below ground surface (bgs; IT Corporation, 2000).

Groundwater is generally first encountered at approximately 8 to 15 feet bgs in the vicinity of the Site but can be as shallow as 3 feet bgs during years with greater than normal precipitation amounts. Aquifer zones consist of the following:

- **Shallow Zone Aquifer** (SZA)**:** Ground surface to approximately 30 feet bgs;
- **Middle Zone Aquifer** (MZA)**:** Approximately 30 feet bgs to 60 feet bgs; and
- **Deeper Zone Aquifer** (DZA): This zone is divided into the upper deeper zone and lower deeper zone. The upper deeper zone is between approximately 60 and 80 feet bgs, and the lower deeper zone is below 80 feet bgs.

First-encountered groundwater in the vicinity of the Site appears to flow north-northeast at an approximate hydraulic gradient of 0.007 foot per foot (WEST, 2025). Direction of groundwater flow in the middle water-bearing zone flows to the northwest and also to the south-southeast due to groundwater mounding at OS-2M (WEST 2025b), and direction of groundwater flow in the deeper water-bearing zone ranges from the south-southwest to the north-northwest (IT Corporation, 2000; and Shaw, 2003). The ranges of groundwater flow direction in shallow and deeper water-bearing zones reflect groundwater extraction in the South Y Area.

2.5 SITE GEOLOGY

According to Site investigations conducted by Environmental Engineering, Consulting and Remediation, Inc. (E_2C; E_2C, 2008), initial soils encountered in borings at the Site were fill materials to depths ranging from 6 to 9 feet bgs. Along Lake Tahoe Boulevard, the fill materials were encountered generally to approximately 8 feet bgs, with old road base materials encountered at approximately 5 to 6 feet bgs.

Soils immediately underlying the fill materials generally consists of unconsolidated sands with occasional gravel. The top of the SZA groundwater was generally encountered within the top few feet of these underlying sands. A silt layer that defines the bottom of the SZA is laterally continuous at varying thicknesses at approximately 30 feet bgs across the western portion of the Site; however, it is laterally discontinuous along the eastern portion of the Site. Site cross section diagrams are included in Appendix A of this RAP. These cross-sections were developed using data collected from a 2008 investigation (E_2C, 2008) and the boreholes were advanced to a maximum depth of approximately 57 feet bgs (at borehole for monitoring well location LW-MW-1S/1D). Underlying the silts at the bottom of the SZA were sands of varying coarseness and color, and this zone has been classified as the MZA. The bottom of the MZA was defined by a thin layer of silts.

In October 2017, a PES State of California licensed Professional Geologist continuously logged borehole LTLW-SB-1. In October 2017, a PES State of California licensed Professional Geologist continuously logged borehole LTLW-SB-1. Logging results confirmed the stratigraphy depicted on the cross-sections in Appendix A. The log indicates the Site at borehole LTLW-SB-1 is underlain primarily by coarse grained sediments consisting of sands and occasional gravels. Fine-grained sandy silt layers about 1-foot thick were encountered between 34 and 40 feet bgs and a deeper silt layer was encountered from around 79 feet bgs to 100 feet bgs, the maximum depth explored.

2.6 SITE HYDROGEOLOGY

Eighteen (18) groundwater monitoring wells were installed between 2008 and 2018 and sampled in association with the investigation of the LTLW. The construction details for these wells are summarized in Table 2-1. Eleven of the groundwater monitoring wells are located on-Site, with: LW-MW-1S, LW-MW-2S, LW-MW-5S, LW-MW-9S, LW-MW-10SR, LW-MW-11S, LW-MW-12S and LW-MW-13S in the SZA; and LW-MW-1D, LW-MW-2D, LW-MW-5D in the MZA. Seven of the groundwater monitoring wells are located off-Site, with: OS-1, OS-2S, OS-3S and OS-4S in the SZA; and OS-2M, OS-3M and OS-4M in the MZA. Groundwater monitoring wells OS-4S and OS-4M were mistakenly destroyed on behalf of Swiss Mart Gas Station (GeoTracker ID T0601700148) in October 2023 and therefore have not been included in the groundwater monitoring program since September 2023 (3Q23).[1] Quarterly groundwater monitoring began in August 2008. The most recent monitoring event was conducted in March 2025 as part of the First Quarter 2025 monitoring event (WEST, 2025b).

Historical Site groundwater elevation measurements are summarized in Table 2-2. During the Site groundwater sampling event conducted in March 2025, depth to groundwater ranged from: 6.14 feet below top of casing (btoc) at well OS-2S to 10.56 feet btoc at well LW-MW-9S in the SZA monitoring wells; and from 10.65 feet btoc at well OS-2M to 20.72 feet btoc at well OS-3M in the MZA wells. In the SZA, the generalized direction of groundwater flow was to the north-northeast at a horizontal hydraulic gradient of approximately 0.007 foot/foot (ft/ft; Figure 2-1), and in the MZA, excluding the localized groundwater mound beneath Tucker Avenue Basin, to the northwest at a horizontal hydraulic gradient of approximately 0.011 ft/ft; Figure 2-2).

Between January 2025 and March 2025, SZA groundwater elevations at LW-MW-2S increased by 1.10 feet, and MZA groundwater elevations at LW-MW-2D increased by 0.89 feet. Groundwater elevations in the MZA monitoring wells in March 2025 were an average of 8.19 feet lower than the nested/paired monitoring wells completed in the SZA, which indicates a downward vertical gradient. The differences in groundwater levels between the SZA and MZA indicate that the fine-grained unit separating these aquifer zones impedes movement of groundwater from the SZA to the MZA and associated downward migration of PCE.

[1] RWQCB, 2025. *Email from B. Grey (RWQCB) to S. Squire (WEST), Re Destruction of OS-4S and OS-4M, May 5.*

3.0 CURRENT SITE CONDITIONS

The following section summarizes the current site conditions, including ongoing remediation and extent of the primary chemicals detected during previous investigations, which might be encountered at the Site.

3.1 SITE REMEDIATION

In response to the Site investigation findings, remediation activities were implemented to address volatile organic compounds (VOCs) in the vadose zone and SZA beneath the Site by E2C, as follows:

- 2010 to present, SVE/GASS operations;
- September and October 2017, groundwater batch pumping; and
- November 2019, in-situ chemical oxidation (ISCO) injections.

These remediation activities are discussed in more detail in the following subsections.

3.1.1 Soil Vapor Extraction/Groundwater Air Sparge System (2010 to Present)

The SVE/GASS, consisting of 27 air sparge wells, 20 SVE well pairs (40 individual SVE wells), and 10 soil vapor probes, was constructed in late 2009 to early 2010 to remove VOCs from the vadose zone soil and SZA groundwater (E_2C, 2010). Pilot tests were subsequently conducted to verify effectiveness of the SVE/GASS. Based on the pilot test results, use of the SVE/GASS was approved by the RWQCB as the remedy for VOC contamination in the vadose zone and SZA groundwater at the Site (RWQCB, 2013).

The SVE/GASS has been operating since April 2010. It is estimated that approximately 990 pounds of VOC mass have been removed through March 25, 2025 (WEST, 2025b). Contaminant mass removal rates of SVE systems are understood to decrease along a first-order (exponential) decay curve with high initial rates that eventually attain an "asymptote" level (U.S. Department of Energy, 2013). The SVE/GASS has reached this asymptotic stage. The VOC mass removal rate has dropped from approximately 100 grams per day upon start-up in 2010 to less than 1 gram per day by 2022 (NV5, 2023b). In June 2022, Seven Springs (PES, 2022) initiated optimization of the SVE/GASS with the goal of maximizing the VOC mass removal rate consistent with USEPA guidance (USEPA, 2018). On November 21, 2024, Seven Springs replaced the GASS compressor and balanced the wells for optimum flow, which resulted in an increase of VOC mass removal to 6.5 grams per day. During the 1Q25 the average VOC mass removal was calculated at 9 grams per day.

3.1.2 Groundwater Batch Pumping (2017)

In September and October 2017, six batch pumping events, each lasting approximately 8 hours, were performed. E_2C concluded that the batch pumping appeared to be effective at polishing

groundwater quality at the Site, and particularly so in the vicinity of the pumped wells (E_2C, 2017). Batch pumping was discontinued to allow off-Site groundwater investigations to be conducted.

3.1.3 ISCO Injections (2019)

A 2019 Investigation Summary Report (EKI, 2019b) concluded that the low VOC mass removal rates indicated that the SVE/GASS was approaching the limits of effective operation. This report discussed that VOCs remain in the capillary fringe (10 to 13 feet bgs at the time of the report) near monitoring well LW-MW-1S. EKI concluded these VOCs were not accessible by the SVE/GASS because the soil pores were filled with water, which prevents SVE air flow from propagating through the capillary fringe. Air sparging also has not been able to fully remediate PCE in the capillary fringe near well LW MW-1S and in SZA groundwater upgradient of and in the vicinity of LW-MW-9S. Accordingly, an ISCO work plan (E_2C, 2019) was submitted in July 2019 and was approved by RWQCB in December 2019 (RWQCB, 2019b).

Between November 20 and 26, 2019, an ISCO pilot test was conducted for the vadose zone soil and SZA groundwater. A total of 73 pounds of potassium permanganate (KMnO4), diluted to 2.55% solution, was injected between depth intervals of approximately 7 to 29 feet bgs to the north of the LTLW tenant space. The total injection solution volume was 343 gallons. The ISCO pilot test achieved significant reduction in VOC concentrations in soil gas; however, the VOC reduction in groundwater was less than expected, likely due to the declining water levels relative to the mass of PCE contained within the capillary fringe soil, which reduced effective contact of the KMnO4 solution with PCE within the capillary fringe (E_2C, 2020).

3.2 Summary of Current Site Conditions and Potential Environmental Concerns

The magnitude and extent of PCE and its degradation products (TCE, cis-1,2-DCE, and vinyl chloride) in soil, soil gas, and groundwater, as identified from various investigations, are summarized below. A summary of the soil, soil gas (for the last four sampled events), groundwater and indoor air data from investigations is presented in Table 3-1 (soil), Table 3-2 (soil gas), Table 3-3 (groundwater) and Table 3-4 (indoor air). Table 3-5 summarizes the Target Cleanup Goals set in the RAP for PCE, TCE, cis-1,2-DCE and trans-1,2-DCE, and Vinyl Chloride (VC).

3.2.1 Soil

Soil samples and samples of fill surrounding storm drain and sanitary sewer pipes collected between 2004 and 2018 were reported to contain: PCE up to 532 mg/kg; TCE up to 17 mg/kg; cis-1,2-DCE up to 0.413 mg/kg; trans-1,2- DCE up to 1.2 mg/kg; vinyl chloride up to 0.066 mg/kg; and 1,2-dichloroethane (1,2-DCA) up to 0.19 mg/kg (E_2C, 2010; EKI, 2019b).[2] Soil sample analytical results are summarized in Table 3-1.

PCE concentrations detected in the vadose zone (surface to 13-feet below ground surface for this evaluation) ranged from 0.0018 milligrams per kilogram (mg/kg) to 12 mg/kg, except for PCE at

[2] Note: 1,2-DCA was reported in only one (1) soil sample (LW-MW-3-20) at a concentration of 0.19 mg/kg and a review of the PES soil analytical summary data indicates that 1,2-DCA was not reported as detectable (E_2C, 2010).

532 mg/kg in soil sample LW-MW-1S collected at 7 feet below ground surface. PCE in soil samples collected at 15-feet or deeper (up to 52.2 feet below ground surface) was reported up to 0.82 mg/kg (Table 3-1).

3.2.2 Soil Gas

Soil gas samples have been collected at the Site from April 2010 through March 2025 from up to ten VPs (VP-1 to VP-10) and one SVE well (VE-2). In April 2018, VP-4 was unable to be located and has not been sampled since November 2017. Since March 2021, SVE well VE-2 has been sampled quarterly in lieu of VP-4. Results from the four most recent sampling events from on-Site probes are shown on Figure 3-1.

The First Quarter 2025 (March 2025) vapor data (or most recent sampling result if not sampled during the 1Q25 sampling event) are summarized as follows:

- The most recent concentrations of PCE in vapor samples collected from on-Site vapor probes/SVE well range from non-detection at the laboratory reporting limit of 6.78 micrograms per cubic meter (µg/m³) to a concentration of 77.3 µg/m³, except for:
    - During December 2024, PCE in soil gas samples was reported at 36,100 µg/m³ from VP-2; 54.6 µg/m³ from VP-1; and was not detected above the laboratory reporting limit of 6.78 µg/m³ in VP-3. During the 1Q25 sampling event, PCE within the other six VPs and one SVE well ranged from less than the laboratory reporting limit of 6.78 µg/m³ (VP-10) to 77.3 µg/m³ (VP-9).
- The most recent concentrations of TCE in vapors collected from on-Site vapor probes/SVE well range from non-detection at the laboratory reporting limit of 5.37 µg/m³ to a concentration of 14.8 µg/m³, except for:
    - TCE was detected in vapor samples collected from VP-2 at 302 µg/m³ during December 2024 and was not detected in samples collected from vapor probes VP-1 and VP-3. During the 1Q25, except for 14.8 µg/m³ in the sample collected from VP-5, no TCE was detected in vapor samples collected from the other six VPs and one SVE well above the laboratory reporting limit of 5.37 µg/m³.
- The most recent concentrations of cis-1,2-DCE in soil gas collected from onsite vapor probes/SVE well range from non-detection at the laboratory reporting limit of 3.97 µg/m³ to a concentration of 25.5 µg/m³ (VP-5), except for 106 µg/m³ (VP-2) in December 2024.
    - Cis-1,2-DCE was detected in vapor samples collected from VP-2 at 106 µg/m³ during December 2024 and was not detected in samples collected from vapor probes VP-1 and VP-3. Of the vapor samples collected from the other six VPs and one SVE well during the 1Q25, cis-1,2-DCE was only detected at 5.83 µg/m³ in VE-2 and 25.5 µg/m³ in VP-5.

- No other chlorinated VOCs were detected at or above their laboratory reporting limits in any of the soil vapor probes/SVE wells sampled between December 2024 and March 2025.

- During March 2025 concentration of petroleum related VOCs in soil gas includes: toluene up to 34 µg/m³; ethylbenzene up to 7.99 µg/m³ and total xylenes up to 37.3 µg/m³.

3.2.3 On-Site Groundwater

The results of the March 2025 groundwater sampling event are presented in Table 3-3, and on Figures 3-3 to 3-9. A brief discussion of the groundwater COC analytical results is presented below:

3.2.3.1 On-Site Shallow Zone Aquifer Wells

- PCE and trichloromethane (TCM; also known as chloroform) were the only chemicals detected above laboratory reporting limits of 0.5 µg/L in groundwater samples collected from the on-Site Shallow Zone groundwater monitoring wells during March 2025 (1Q25).

    - PCE was detected in six of the eight on-Site wells at concentrations ranging from 0.61 µg/L to 4.38 µg/L at LW-MW-5S (with a duplicate at 4.22 µg/L), below its MCL of 5.0 µg/L.

    - TCM was detected in one of the eight on-Site wells, LW-MW-11S at 0.530 µg/L, below its MCL of 80 µg/L. The presence of TCM is typically associated with chlorinated potable water, e.g., leaking water supply or irrigation lines.

- No other chlorinated VOCs were detected at or above their respective laboratory reporting limits in the groundwater samples collected from the on-Site SZA wells.

- Concentrations of PCE in groundwater collected from on-Site wells are currently below its MCL of 5 µg/L with the SVE/GASS operating. These concentrations follow significant declines in PCE concentrations in the fourth quarter of 2024 (from 37.2 µg/L to 17.2 µg/L in LW-MW-5S and from 736 µg/L to 1.55 µg/L in LW-MW-9S) following replacement of the compressor. Groundwater monitoring with the SVE/GASS system off will be required to evaluate the potential for increases in concentrations, i.e., rebound, that is often displayed following active remediation. These data will be used to evaluate locations and media for additional remediation.

3.2.3.2 On-Site Middle Zone Aquifer Wells

- PCE, cis-1,2-DCE, vinyl chloride, and TCM were the only chemicals detected above laboratory reporting limits of 0.5 µg/L in groundwater samples collected from the on-Site Middle Zone groundwater monitoring wells during the 1Q25 (March 2025) monitoring event.

- PCE was detected in groundwater samples collected from LW-MW-1D at 13.3 µg/L in March 2025 (compared to 630 µg/L in June 2023 and 428 µg/L in March 2024); above its MCL of 5.0 µg/L.

- Cis-1,2-DCE was detected in groundwater samples collected from LW-MW-1D in March 2025 at 1.63 µg/L (compared to 6.21 µg/L in June 2024); below its MCL of 6.0 µg/L.

- Vinyl chloride was detected in groundwater samples collected from LW-MW-1D in March 2025 at 0.570 µg/L; above its MCL of 0.5 µg/L. Vinyl chloride has not been detected in groundwater samples collected from LW-MW-1D above a laboratory reporting limit of 0.5 µg/L since June 3, 2019, when it was detected at 2.1 µg/L.

- TCM was detected in groundwater samples collected from LW-MW-2D in March 2025 at 0.530 µg/L; below its MCL of 80 µg/L.

3.2.4 Indoor Air

One round of indoor air samples was collected at the Site in December 2015 (NV5, 2022). During the 2015 sampling round, PCE was detected in nine of the ten indoor air and preferential pathway samples at concentrations ranging from 0.079 µg/m^3 to 0.514 µg/m^3 (Figure 3-10).

Concentrations of PCE detected in the indoor air and pathway samples did not exceed the conservative ESL for PCE in indoor air for a commercial/industrial setting (2.0 µg/m^3), which is based on a $1x10^{-6}$ excess cancer risk level (RWQCB, 2025). The indoor air analytical data and human health risk evaluation is presented in Table 3-4.

3.2.5 Ambient Air Inhalation

In December 2015, one round of outdoor ambient air samples was collected at the subject property. PCE, TCE, cis-1,2-DCE, and vinyl chloride were not detected in any of the ambient air samples. Trans-1,2-DCE was detected at 0.121 µg/m^3 in an ambient air sample, well below the commercial indoor air ESL of 12,000 µg/m^3 (Table 3-4).

3.3 Potential Receptors and Exposure Routes

3.3.1 Identified Potential Receptors

Based on the investigation results and the discussion above of beneficial uses of groundwater, the following exposure pathways and receptors have been identified for soil, soil gas, groundwater, and indoor air at the Site. Potential receptors that were considered in the preparation of this RAP include:

- Utility workers and maintenance workers conducting repairs on the Site;

- Landscapers that maintain grounds at the Site; and
- Commercial workers at the Site.

3.3.2 Potential Complete Exposure Pathways

Potential complete exposure pathways that must be addressed by the selected remedial action for the Site consist of:

- Direct contact by utility/maintenance and landscape workers with shallow soil;
- Direct contact by utility/maintenance and landscape workers with shallow groundwater at the Site; and
- Inhalation of COCs by on-Site commercial and utility/maintenance workers due to potential vapor intrusion within on-Site buildings.

3.3.3 Potential Exposure Mitigation Measures

Utility/maintenance and landscape worker exposure can be minimized via implementation of the RMP that provides for screening of potential risks during ongoing maintenance activities at the Site.

Future exposure of residential receptors to VOC-affected subsurface media (e.g., soil and soil gas) at the Site can be limited through recording of the anticipated Covenant for the subject property. The Covenant will limit use of the property to commercial/industrial uses unless cleanup to levels appropriate for unrestricted use are achieved.

4.0 RISK MANAGEMENT PROCEDURES

This section outlines institutional and engineering controls and procedures for assessing and managing potentially contaminated soils or groundwater that may be encountered in the subsurface via intrusive activities such as landscaping, utility, or construction. Intrusive activities may include excavation, trenching, new construction, Site development, grading, utility repair, and maintenance. These procedures may be modified based on specific planned activities, as appropriate.

4.1 INSTITUTIONAL CONTROLS

The Covenant will be prepared consistent with RWQCB policy and Section 13307.1 of the Water Code. Seven Springs will finalize and record the Covenant subject to RWQCB approval. The Covenant will be recorded to identify specific land use restrictions associated with the Site. The Covenant will prohibit use of groundwater beneath the Site as a source of drinking water until target cleanup goals are met and will preclude owners or occupants of the property from drilling or constructing wells at the Site without review and approval from the RWQCB. The Covenant will limit the use of the property to commercial/industrial uses unless cleanup to levels appropriate for unrestricted use are achieved. The Covenant will run with the land and stay in effect as long as COCs limit the use of the property and until termination is allowed by the RWQCB.

As part of this long-term stewardship, Seven Springs will implement advanced monitoring technologies and approaches to the extent practicable. Advanced monitoring, as applied in the long-term stewardship context, refers to analytic systems, techniques, technologies, and approaches for better detecting potential land uses or activities that are inconsistent with the cleanup of and/or conflict with institutional controls established for the Site (USEPA, 2018b). For example, one-call excavation monitoring, also known as the "call-before-you-dig approach," is a form of land activity monitoring. Under the general one-call excavation monitoring approach, persons performing excavation in South Lake Tahoe are required to contact Underground Service Alert of Northern California before commencing digging operations.

However, specific to sites with residual environmental contamination is the possible added availability of third-party intermediary technology. These technologies accept electronic excavation notices disseminated from one-call center software, read the excavation details and location information, and compare them to the location and nature of the institutional controls. This intermediary technology then alerts stakeholders as to the nature of environmental risks in relation to the planned excavation. Seven Springs and Fox will explore the feasibility of contracting with such a third-party intermediary to perform this secondary monitoring for the Site.

Building and well permit monitoring through coordination with the City of South Lake Tahoe and El Dorado County Department of Environmental Management is another advanced monitoring approach for long-term stewardship activities that Seven Springs and Fox will assess. Through the routine permit review process, the permitting agency screens applications against the inventory of flagged properties to identify activities that could conflict with institutional controls. The permitting agency then notifies the applicant about the flag and alerts the property owner of the

permit application. The property owner is responsible for determining whether the permitted activity conflicts with the institutional controls and, if so, taking appropriate follow-up measures.

4.2 Health and Safety Plan

All contractors whose activities will potentially place them in contact with soil or groundwater in areas with COC concentrations that exceed the target cleanup goals specified in the RAP are required to prepare a HASP prior to conducing field work on the Site. The HASP shall include procedures for handling soil and/or groundwater potentially contaminated with COCs.

4.3 Procedures for Observation During Excavation and Grading Activities

This section describes observation and screening procedures to be utilized during intrusive subsurface work activities that involve exposure of underlying soils and subsurface utilities (if any). An environmental consultant (i.e., a qualified engineer or geologist) will be retained by the Site owner, the general contractor, or subcontractor, as appropriate, conducting intrusive subsurface work activities in portions of the Site where soil, soil gas, and groundwater affected by COCs may be encountered at the Site (area of potential environmental concern). The environmental consultant will visit the Site periodically during excavation and/or grading activities to visually observe exposed and excavated soils for evidence of soil discoloration or the presence of chemical odors as well as ensure the wells, vapor probes and subsurface conveyance piping are not disturbed or damaged. Observation and soil screening activities during excavation will be conducted in accordance with the project HASP prepared under Section 4.2. The environmental consultant will coordinate with the landscaping, utility, or construction contractors to be on-Site while work is conducted in various areas of the site, and in particular when soil excavation is conducted the area of potential environmental concern. The area of potential environmental concern is limited to the area subject to vadose zone and shallow groundwater remediation and is identified on Figure 3-11.

COCs will be monitored by taking head-space readings using a photo-ionization detector (PID) meter. Head-space readings should be conducted on soil at a frequency of one reading per 50 cubic yards of excavated soil, or an increased frequency if other observations or air monitoring results suggest chemical-affected soil is present.

4.4 Soil Management Procedures

Procedures for management of potentially contaminated soil at the Site, including sampling and analyses, and handling and stockpiling, are presented below. Handling and stockpiling of uncontaminated soil will be conducted in accordance with applicable regulations and standard construction practices.

Work will be halted in the area of suspect soil (or other materials) or the suspect soil (or other materials) will be segregated under the oversight of an environmental consultant if:

- Suspect soil conditions are identified through visual or olfactory observations; or

- Field-screening using a PID identifies potentially contaminated soils (e.g., total VOCs detected at levels above background levels). The area will be cordoned off using delineators and caution tape (or similar materials) and the soil management procedures will be implemented. Contingency measures for suspect materials or underground features encountered are presented in Section 4.8, below.

4.4.1 Soil Sampling and Analysis Procedures

The sampling and analytical program for soil at the Site has been developed based on the results of sampling conducted previously at the Site and criteria for reuse of soil on-Site and anticipated requirements for disposal of soil at off-Site facilities. At a minimum, one sample of the suspect soil will be collected, and a second will be collected outside the suspect area for comparison purposes. If suspect soil is identified, a sample of the suspect soil will be collected. Samples will be analyzed for:

- VOCs using USEPA Test Method 8260B; and
- Title 22 metals using USEPA Test Method 6010B/7471B.

Depending on the nature of the soil to be sampled, samples will likely be collected using hand tools. A pre-cleaned or disposable trowel will be used to expose undisturbed soil and collect a sample in accordance with USEPA Test Method 5035. To collect samples for COC analysis, a 5-gram Teflon® TerraCore® sampler, or equivalent, which is one type of field preservation, will be used. At the targeted sample location/depth, a TerraCore® sampler will be advanced into the pre-cleaned or disposable trowel immediately after removal from planned excavation area, to minimize the loss of volatile compounds. Three 5-gram samples will be retrieved and placed into 40-milliter (mL) VOA vials; two preserved with 5 mL of sodium bisulfate and one preserved with 5 mL of methanol. The VOA vials with the soil samples will be transported on ice at 4˚C to the analytical laboratory. Non-VOC samples and samples collected from stockpiles may be collected using the same pre-cleaned or disposable trowel, homogenized, and containerized in lab-provided glass jars in accordance with Resource Conservation and Recovery Act Test Methods for Evaluating Solid Waste: Physical/Chemical Methods contained in SW-846. Samples may be analyzed for one or more compounds, based on observations, screening results, and/or the known Site use history in the vicinity of the suspect soil.

Additional analyses may be conducted for petroleum hydrocarbons, and/or other compounds, as appropriate based on field observations and/or disposal requirements.

4.4.2 Evaluation of Soil Analytical Results

Analytical results will be compared to the following criteria:

- Site-specific target cleanup goals identified in the RAP;

- Regulatory agency screening levels including SFRWQCB Environmental Screening Levels (ESLs) for shallow and deep commercial/industrial soil where groundwater is a current or potential source of drinking water (SFRWQCB, 2025);
- Background levels for metals;
- Landfill-specific waste acceptance criteria; and
- State and Federal hazardous waste criteria.

If criteria are not exceeded, no further evaluation will be conducted and work will be permitted to resume in that area. In this case, the soil will be considered "clean" and treated as uncontaminated soil and can be reused on-Site.

If criteria are exceeded, additional characterization and/or evaluation may need to be performed. Additional activities may consist of the following:

- The results of the soil analytical results will be submitted to the RWQCB;
- Additional soil sampling to characterize the lateral and vertical extent of affected soil and off-Site disposal options;
- Development of a remediation plan to mitigate the contaminated soil; and
- Submittal of the remediation plan to the RWQCB for approval.

4.4.3 Handling, Stockpiling, and Characterization of Excavated Soil

Soil identified as potentially contaminated at the Site shall be temporarily containerized or stockpiled. Stockpiles will be constructed with plastic sheeting beneath and above the soil to prevent runon/runoff and fugitive dust emissions. Stockpiled soil will be covered and secured at the end of each day. In accordance with the City of South Lake Tahoe Grading, Erosion and Sediment Control (Chapter 36) no earthwork will be conducted during the "wet season", which is from October 15 through April 30, unless a variance is obtained from the permitting agency. If the earthwork is conducted during wet months, activities associated with a Storm Water Pollution Prevention Plan or Best Management Practices should be implemented, in accordance with the applicable regulations.

Characterization samples shall be collected at a frequency to be determined by the environmental consultant in consultation with the Site owner. Characterization samples will be analyzed in accordance with Section 4.4.1. Pending results of the soil characterization, appropriate handling and management alternatives will be evaluated (i.e., reuse on-Site or off- Site as fill material or disposal at an appropriately permitted facility). If the soil meets the criteria listed in Section 4.4.2, the soil can be reused on-Site. Should off-Site disposal be necessary, the soil will be profiled according to generator waste determination and specific disposal facility requirements. The general contractor, excavation contractor or environmental consultant will be responsible for

coordinating off-Site disposal, including identifying and coordinating with the appropriate disposal facilities. Following acceptance of the affected soil at an appropriate disposal facility, the soil will be transported following appropriate California and federal hazardous (or non-hazardous) waste manifesting procedures.

4.4.4 Dust/Vapor Control Measures

Depending upon the soil conditions, during excavation there is a potential to generate a nuisance dust condition and odors. Control of visible dust will be the primary responsibility of the general contractor and demolition/excavation contractor at the site and dust control measures shall be based on best management practices and shall be used throughout all phases of construction or disturbance of the subsurface.

Examples of dust mitigation activities include:

- Watering active construction areas to control dust emissions;
- Trucks hauling soil, sand, and other loose materials should be covered, or required to maintain at least 2 feet of freeboard;
- Apply water to unpaved and staging areas, or apply non-toxic soil stabilizers as necessary to control dust; and
- If visible soil material is carried onto adjacent public streets, streets should be swept daily (with street sweepers). The material collected by the street sweepers should be retained on-site for reuse or off-site disposal.

To complement air monitoring efforts that may be conducted under an applicable HASP, dust monitoring may be implemented by others to evaluate the effectiveness of dust control measures. The following air sampling equipment may be utilized for dust and odor monitoring:

- PID; and
- Dust monitor (MiniRAM, Dataram, or similar).

Based on the results of the investigations conducted at the site, the PID may serve as the primary instrument for personal exposure monitoring during excavation of soil suspected to be contaminated. The instrument will be utilized to fully characterize potential employee exposure and the need for equipment upgrades/downgrades.

4.4.4.1 Monitoring of Wind Patterns

Monitoring of wind direction and intensity during demolition and construction activities may be conducted using on-Site wind indicators (tape streamers) and off-Site flags (locations to be determined prior to implementation of demolition and construction activities). If weather conditions change, as in advance of an approaching winter storm (where wind intensity and

duration may increase relative to normal conditions), wind speed and direction measuring equipment may be used to monitor conditions.

4.4.4.2 On-Site Air Monitoring and Sampling Equipment

Dust monitoring at the Site may be conducted using portable airborne particulates monitors (personal DataRAM Model pDR-1000 or similar) positioned at various locations of the Site. This dust monitoring equipment has real-time monitoring capabilities complete with an alarm and data recording. The monitors are recommended to be placed on the Site as follows:

- At least one upwind perimeter location near the active demolition and construction work; and

- At least one downgradient perimeter location near the active demolition and construction. Monitoring equipment should be calibrated in accordance with the manufacturer's specifications, and the records of such maintained with the project HASP prepared under Section 4.2.

4.4.4.3 Set-Up of Air Monitoring and Sampling Equipment

The particulate air monitoring equipment may log continuously during disturbance of the subsurface with alarms set to trigger for a 10-minute time-weighted average exceeding 250 micrograms per cubic meter (µg/m³). If an alarm is triggered, then the upwind background dust monitor will immediately be checked to confirm that the level of concern is more than 250 µg/m³ above the background level. If it is confirmed that the action level has been exceeded, then the dust control measures discussed above will be implemented immediately to mitigate the problem. However, if a visible dust cloud is observed leaving the property boundary, then work will be temporarily halted until additional watering can be performed. The logs will be downloaded on a daily basis so that data can be reviewed, and the dust control plan and activities revised as needed if perimeter particulate monitoring results exceed 50 µg/m³ in any given 24-hour period. Similar to the discussion above, dust levels of concern will be compared against upwind background particulate levels to confirm that levels of concern are more than 50 µg/m³ above background levels.

4.4.4.4 Signage

Signage will be posted on the perimeter of the subject project to provide contact information for the public to report visible dust so that the fugitive dust can be promptly mitigated. The contact information will be for a "visible dust alert" hotline that is monitored by the responsible person (or designee) during construction hours and allows for voice messaging at all other times. A log of callers will be maintained and available upon request.

4.4.5 Odor Suppressant

During trenching or grading activities, if a strong solvent odor and elevated PID measurement (i.e., greater than 50 ppm) is encountered, a sprayable odor suppressant (a non-hazardous,

biodegradable, odor mitigating agent made of food grade ingredients such as BioSolve) may be needed during these activities to lower COCs in the breathing zone to acceptable levels.

4.4.6 Decontamination

Decontamination procedures shall be developed to minimize the equipment contamination during intrusive activities. Sampling equipment, including hand trowels and hand augering equipment, will be decontaminated prior to and between each sampling location during, and at the conclusion of sampling activities. The procedures should include removing loose soil using dry methods, such as brushing, scraping or vacuuming to remove any remaining soil particles and washed in a phosphate-free detergent/purified water solution. Accumulated materials will be stockpiled or drummed for characterization and reuse on-Site or disposed off-Site. Samples of accumulated materials will be collected using a pre-cleaned or disposable trowel, homogenized, and containerized in lab-provided glass jars in accordance with Resource Conservation and Recovery Act Test Methods for Evaluating Solid Waste: Physical/Chemical Methods contained in SW-846. The accumulated materials will be analyzed in accordance with Section 4.4.1. If the soil meets the criteria listed in Section 4.4.2, the soil can be reused on-Site. Should off-Site disposal be necessary, the procedures in Section 4.4.3 will be followed.

The work areas should be kept reasonably clean and free of excessive soil or debris. Care will be exercised to minimize the potential for tracking any potentially contaminated soil out of the work area. Street sweeping will be conducted by the general contractor or excavation contractor, as needed.

4.4.7 Soil Importation

If imported fill material is to be used at the Site, it will be selected in accordance with the Department of Toxic Substances Control's (DTSC's) Information Advisory, Clean Imported Fill Material, October 2001 (DTSC Advisory). Fill materials will be sampled and analyzed in accordance with the DTSC Advisory based on the projected volume of fill material to be utilized. DTSC recommends appropriate selection of the fill source area and sampling for specific analytes based on the source area location (e.g., fill from a source area near an existing highway should be sampled for lead and polynuclear aromatic hydrocarbons). To minimize the potential for use of contaminated fill, the fill source area must be documented. Proper documentation should include detailed information regarding the former land use, previous environmental site assessments and findings, and the results of any testing performed. According to the DTSC Advisory, if such documentation is not available or is inadequate, samples of the fill material should be chemically analyzed for analytes based on knowledge of the prior land use and source area location.

The recommended sampling frequency should be based on either: (1) the area of the individual borrow area; or (2) the volume of the borrow area stockpiles (see DTSC Advisory for recommended sampling frequencies). Ideally, the samples should be collected from the borrow site, prior to delivery to the receiving site. However, if the borrow site cannot be sampled, the DTSC recommends alternative sampling procedures, whereby one sample per truckload is collected and analyzed for the compounds of concern. Fill material must be stockpiled off-site

until laboratory analyses have been received and reviewed. Composite sampling may, or may not, be appropriate depending on the borrow area homogeneity; however, composite sampling is not acceptable for volatile or semi-volatile organic compounds.

If backfilling is needed, the contractor will backfill in accordance with the requirements of a geotechnical engineer.

4.5 GROUNDWATER MANAGEMENT PROCEDURES

In the event that groundwater is encountered during Site excavation activities, and dewatering of the excavation is required, the general contractor, excavation contractor, or dewatering contractor will be required to prepare and implement a groundwater management plan. The general contractor, excavation contractor, or dewatering contractor shall be responsible for providing all collection, conveyance piping, storage, and treatment systems required for groundwater management. The general contractor, excavation, or dewatering contractor shall provide such treatment that is needed to meet acceptance criteria of the selected disposal option. Treatment and discharge to the local receiving waters (i.e., storm drain), discharge to South Tahoe Public Utility District's (STPUD's) Wastewater Treatment Plant, and/or off-Site disposal will be evaluated based on the results of laboratory analyses of groundwater or water collected from dewatering.

The general contractor, excavation contractor, or dewatering contractor shall ensure that water generated during dewatering is suitable for disposal in accordance with all appropriate regulations and permitting requirements. These permitting requirements and regulations include but are not limited to: RWQCB's National Pollutant Discharge Elimination System (NPDES) permitting program requirements, if water is to be discharged to the storm sewer; STPUD's permitting requirements, if water is to be discharged to the sanitary sewer; and Federal and State hazardous waste regulations. The general contractor, excavation contractor, or dewatering contractor shall conduct the following if groundwater dewatering is performed:

Collect representative samples of the dewatering system discharge for chemical analysis;

- Analyze the water samples following an analytical program that includes chemical and water quality parameters commensurate with applicable agency discharge requirements;
- Based on the analytical results, develop an appropriate method for treatment and/or management of the dewatering water; and
- Discharge or disposal of the collected dewatering water may commence once the dewatering water has been fully characterized and all necessary permits are obtained for discharge and/or appropriate waste profiling and waste manifesting are performed for disposal.
- The environmental consultant will be available to assist the general contractor, excavation contractor, or dewatering contractor with characterization and compliance sampling and analysis, as well as evaluating treatment and disposal options, as necessary.

4.6 PROTECTION OF EXISTING GROUNDWATER MONITORING WELLS, SOIL VAPOR PROBES AND CONVEYANCE PIPELINES

Groundwater monitoring wells soil VPs, and soil vapor/air conveyance pipelines are present at the Site at the locations shown on Figure 3-11. The wells, VPs, and conveyance pipelines should be protected until the RWQCB has approved their destruction and decommissioning. Therefore, contractors involved in Site excavation or grading activities will: (1) identify the well/probe locations prior to onset of work; (2) mark the well/probe and conveyance pipeline locations with flags or visible barriers to Site workers including heavy equipment operators; and (3) avoid disturbance of the soil immediately surrounding the wells/probes and conveyance pipelines. Wells/probes will be destroyed in accordance with applicable regulations under an approved permit upon approval from the RWQCB to do so.

4.7 CONTINGENCY MEASURES

In the event that previously unidentified suspect soil or subsurface features or potential environmental concerns are encountered during grading and excavation, work shall be halted in the area of the identified feature. The following contingency measures will be implemented in the event a previously unidentified suspected chemically-affected soil or subsurface features (e.g. underground storage tanks) are identified during site redevelopment. All contingency measures will be conducted by Hazardous Waste Operations and Emergency Response (HAZWOPER)-trained environmental professionals following the HASP discussed in Section 4.2.

4.7.1 Evaluation of Previously Unidentified Suspect Soil

Preliminary assessment of the previously unidentified suspect soil will include confirmation that access control measures installed by the general contractor are adequate to provide necessary protection to on-Site workers and the public during the evaluation phase. Confirmation will consist of visual assessment of the installed barriers as well as monitoring of the air outside the control area.

Air sampling will be conducted around the perimeter of the secured area using a combination PID/flame ionization detector (FID) meter to measure VOCs in the breathing zone and a lower explosive limit (LEL)/oxygen (O2) meter to measure concentrations of combustible gases and available oxygen. If the air sampling suggests that the control measures are improperly positioned to provide necessary protection to on-Site workers, the barriers will be relocated as necessary.

The environmental consultant will conduct a preliminary assessment to determine if the previously unidentified suspect soil is considered a significant risk to human health or the environment. If field observations suggest that the suspect conditions are de minimis , i.e., they: (1) do not present a threat to human health or the environment; or (2) would generally not be subject of an enforcement action if brought to the attention of appropriate governmental agencies; then the consultant will terminate the contingency plan process and release the suspect area to the construction contractor/manager.

If conditions in the suspect area are not considered *de minimis*, then the environmental consultant will: (1) notify the RWQCB and/or the local oversight agency about the potentially chemically-affected soil encountered; and (2) develop a plan, in consultation with the RWQCB and/or the local oversight agency, to evaluate the nature and extent of the potentially chemically-affected soil. This evaluation may include collecting representative samples using hand and mechanized equipment at an appropriate frequency determined by the environmental

consultant and the RWQCB and/or the local oversight agency. The suspect soil samples would then be submitted to a California-certified analytical laboratory for testing in accordance with USEPA-approved methods. The analytical program will be developed based on historical on- Site chemical use, field observations, and field measurements.

4.7.2 Waste Soil Profiling and Disposal

Using the data collected during the soil evaluation, the excavated soil will be profiled, and the necessary landfill acceptance approvals will be obtained. Transportation and disposal of the waste soils will be conducted by a licensed waste hauler. Soil transportation will be conducted following appropriate California and Federal waste manifesting procedures.

4.7.3 Unexpected Underground Structures

If any previously unidentified or unknown underground structures, such as underground storage tanks (USTs) or piping that have the potential to contain hazardous materials, are encountered during Site excavation activities, RWQCB and the local oversight agency will be notified within 24 hours and consulted on appropriate next steps.

The removal or retention in place of any subsurface structures encountered during excavation or remediation, without prior acknowledgement and approval from RWQCB or local oversight agency, is prohibited.

4.7.3.1 Assessment of Discovered Underground Structures

Discovered structures will be assessed as follows:

The structure will be inspected to assess whether it contains any indication of chemical residuals or free-phase liquids other than water. This assessment will be conducted by the environmental consultant and will be based on visual evidence and the results of vapor monitoring using a PID. Under no circumstances will any personnel enter an unknown subsurface structure at any time. If chemicals are not indicated within the structure by the above-referenced means, and, with RWQCB or local oversight agency approval, the structure may be removed or abandoned in place in a safe manner by the contractor;

- If liquids or solids are present within the structure, measures will be taken to contain the liquids to avoid spills to the subsurface. Samples will be collected and submitted to a California-certified laboratory for analysis. Liquids or solids may be temporarily drummed, or liquids may be collected by vacuum truck, while analysis is pending. Based on analytical

results, the liquids or solids will be disposed of under the direction of the environmental consultant in accordance with all applicable environmental laws and disposal requirements. The physical integrity of the structure will be assessed following removal of any liquids or solids, if present. The environmental consultant will document the results of this inspection, including an estimation of the volume and former use of the structure; and

- If the physical inspection of the structure suggests that liquids or solids may have been released to the underlying soils or fill material, additional environmental investigations of the underlying soils and/or fill material will be conducted to assess whether a release sufficient to warrant additional excavation has occurred:

    - If the structure is intact and no free-phase liquids or chemical residues remain inside, and, based on the opinion of the environmental consultant and RWQCB or local oversight agency, no releases of chemicals to underlying soils likely occurred, removal of the structure may not be required for environmental reasons; and

    - Otherwise, with RWQCB or local oversight agency approval, the structure will be excavated and disposed of at the direction of the environmental consultant. Once the structure is removed, soil samples will be collected beneath the structure and submitted to a laboratory for analysis using the procedures described in

The RWQCB or local oversight agency may require further response actions based on the discovery of hazardous materials that pose an unacceptable risk to human health and safety or the environment.

4.7.4 Compliance Soil Sampling

Compliance soil samples will be collected from beneath the underground structures in accordance with RWQCB or local oversight agency requirements. Samples will be collected from relatively undisturbed native soil in the bucket of a backhoe or other equipment used to remove the native soil beneath the underground structure (e.g., UST). Samples submitted for VOC analysis will be collected in accordance with USEPA Method 5035 using Terracore™

(or equivalent) samplers. Soil samples submitted for non-volatile compounds will be collected using a pre-cleaned hand trowel or disposable scoop and transferred into laboratory-supplied glass containers.

Soil samples will be sealed, labeled, logged on a chain-of-custody form, placed on ice in an insulated cooler and transported to a California-certified analytical laboratory for analysis.

Based on the State Water Resources Control Board (SWRCB) sampling requirements for UST closures (SWRCB, 2012), soil samples will be analyzed by a California-certified analytical laboratory at a minimum for:

- Total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel (TPHd) using USEPA Method 8015B; and

- VOCs including chlorinated VOCs, and benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), tertiary butyl alcohol (TBA), and naphthalene using USEPA Method 8260B.

4.8 MODIFICATION OF THE RISK MANAGEMENT PLAN

This RMP was developed based on the current conditions at the Site and applicable regulations. It may be necessary to modify this RMP from time to time for any of several reasons, including:

- Evaluation of results from additional sampling conducted at the Site;
- Change in property use;
- Any change in legal requirements;
- Change in environmental conditions;
- Intrusive activity that is not addressed in this RMP; and
- New chemical toxicity information for constituents present at the Site.

4.9 INSPECTIONS AND REPORTING

On-Site inspections are currently performed during the quarterly groundwater monitoring and operations and monitoring of the SVE/GASS. In the future, when groundwater monitoring is reduced, periodic inspections will continue but at a reduced frequency. At a minimum, periodic inspections of the Site will be conducted on an annual basis to verify Site conditions and the RMP will be updated as necessary. If an updated RMP is generated, it will be uploaded to the Site's GeoTracker website. A letter report summarizing any modifications to the conditions will be added to the RMP as an attachment.

5.0 REFERENCES

California Regional Water Quality Control Board, Lahontan Region (RWQCB), 2013.

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TABLES

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
Groundwater										
LW-MW-1S	7/16/08	23.91	2	PVC	15	25	6257.02	6247.02	6271.94	6272.02
LW-MW-1D	7/16/08	50	2	PVC	40	50	6232.02	6222.02	6271.81	6272.02
LW-MW-2S	7/23/08	34.82	2	PVC	22.5	32.5	6249.14	6239.14	6272.84	6271.64
LW-MW-2D	7/23/008	49.5	2	PVC	39.5	49.5	6232.14	6222.14	6272.80	6271.64
LW-MW-5S	7/24/08	29.7	2	PVC	19	29	6251.27	6241.27	6269.99	6270.27
LW-MW-5D	7/24/08	50	2	PVC	40.5	50.5	6229.77	6219.77	6269.76	6270.27
LW-MW-9S	11/10/09	24.4	2	PVC	10	25	6264.1	6249.1	6273.46	6274.1
LW-MW-10SR	6/8/13	24.65	2	PVC	10	25	6262.71	6247.71	6272.33	6272.71
LW-MW-11S	11/12/09	24.3	2	PVC	10	25	6262.58	6247.58	6272.08	6272.58
LW-MW-12S	11/10/09	24.2	2	PVC	10	25	6262.01	6247.01	6271.11	6272.01
LW-MW-13S	11/10/09	24.95	2	PVC	10	25	6261.58	6246.58	6271.28	6271.58
OS-1	3/19/10	25	2	PVC	10	25	6258.96	6243.96	6268.58	6268.96
OS-2S	10/1/18	23.5	2	PVC	8.5	23.5	6259.56	6244.56	6267.57	6268.06
OS-2M	10/1/18	48	2	PVC	42	48	6225.99	6219.99	6267.62	6267.99
OS-3S	10/1/18	23.5	2	PVC	8.5	23.5	6262.13	6247.13	6270.12	6270.63
OS-3M	10/1/18	48	2	PVC	38	48	6232.77	6222.77	6270.52	6270.77
~~OS-4S~~	~~10/1/18~~	~~24~~	~~2~~	~~PVC~~	~~9~~	~~24~~	6253.77	6238.77	~~6262.47~~	~~6262.77~~
~~OS-4M~~	~~10/1/18~~	~~43~~	~~2~~	~~PVC~~	~~33~~	~~43~~	6229.67	6219.67	~~6262.37~~	~~6262.67~~
Air Sparge										
AS-1	11/3/09	25	2	PVC	23.5	25	--	--	--	--
AS-2	11/5/09	25	2	PVC	23.5	25	--	--	--	--
AS-3	11/6/09	28	2	PVC	26.5	28	--	--	--	--
AS-4	11/5/09	26	2	PVC	24.5	26	--	--	--	--
AS-5	11/5/09	26	2	PVC	24.5	26	--	--	--	--
AS-6	11/5/09	30	2	PVC	28.5	30	--	--	--	--
AS-7	11/7/09	28.5	2	PVC	27	28.5	--	--	--	--

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
AS-8	11/7/09	27	2	PVC	25.5	27	--	--	--	--
AS-9	11/9/09	28.5	2	PVC	27	28.5	--	--	--	--
AS-10	11/4/09	27	2	PVC	25.5	27	--	--	--	--
AS-11	11/4/09	30	2	PVC	28.5	30	--	--	--	--
AS-12	11/8/09	27.5	2	PVC	26	27.5	--	--	--	--
AS-13	11/8/09	29	2	PVC	27.5	29	--	--	--	--
AS-14	11/8/09	30	2	PVC	28.5	30	--	--	--	--
AS-15	11/9/09	30	2	PVC	28.5	30	--	--	--	--
AS-16	11/12/09	30	2	PVC	28.5	30	--	--	--	--
AS-17	11/12/09	30	2	PVC	28.5	30	--	--	--	--
AS-18	11/11/09	30	2	PVC	28.5	30	--	--	--	--
AS-19	11/11/09	30	2	PVC	28.5	30	--	--	--	--
AS-20	11/13/09	30	2	PVC	28.5	30	--	--	--	--
AS-21	11/12/09	30	2	PVC	28.5	30	--	--	--	--
AS-22	11/11/09	30	2	PVC	28.5	30	--	--	--	--
AS-23	11/6/09	30	2	PVC	28.5	30	--	--	--	--
AS-24	11/13/09	30	2	PVC	28.5	30	--	--	--	--
AS-25	11/13/09	30	2	PVC	28.5	30	--	--	--	--
AS-26	11/4/09	27	2	PVC	25.5	27	--	--	--	--
AS-27	11/9/09	26	2	PVC	24.5	26	--	--	--	--
Deep Soil Vapor Extraction			*2*							
VED-1	11/5/09	13	2	PVC	11	13	--	--	--	--
VED-2	11/4/09	14	2	PVC	12	14	--	--	--	--
VED-3	11/7/09	14	2	PVC	12	14	--	--	--	--
VED-4	11/8/09	13	2	PVC	11	13	--	--	--	--
VED-5	11/9/09	13.4	2	PVC	11.4	13.4	--	--	--	--
VED-6	11/10/09	12.5	2	PVC	10.5	12.5	--	--	--	--

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
VED-7	11/12/09	12	2	PVC	10	12	--	--	--	--
VED-8	11/13/09	12	2	PVC	10	12	--	--	--	--
VED-9	11/11/09	12	2	PVC	10	12	--	--	--	--
VED-10	11/10/09	12	2	PVC	10	12	--	--	--	--
VED-11	11/8/09	12	2	PVC	10	12	--	--	--	--
VED-12	11/7/09	11.5	2	PVC	9.5	11.5	--	--	--	--
VED-13	11/7/09	13.5	2	PVC	11.5	13.5	--	--	--	--
VED-14	11/10/09	12.5	2	PVC	10.5	12.5	--	--	--	--
VED-15	11/6/09	12	2	PVC	10	12	--	--	--	--
VED-16	11/12/09	12	2	PVC	10	12	--	--	--	--
VED-17	11/4/09	15	2	PVC	13	15	--	--	--	--
VED-18	11/4/09	13	2	PVC	11	13	--	--	--	--
VED-19	11/3/09	12	2	PVC	10	12	--	--	--	--
VED-20	11/3/09	12	2	PVC	10	12	--	--	--	--
Shallow Soil Vapor Extraction			*2*							
VES-1	11/5/09	9	2	PVC	4	9	--	--	--	--
VES-2	11/4/09	10	2	PVC	5	10	--	--	--	--
VES-3	11/7/09	10	2	PVC	5	10	--	--	--	--
VES-4	11/8/09	9	2	PVC	4	9	--	--	--	--
VES-5	11/9/09	9.4	2	PVC	4.4	9.4	--	--	--	--
VES-6	11/10/09	8.5	2	PVC	3.5	8.5	--	--	--	--
VES-7	11/12/09	8	2	PVC	3	8	--	--	--	--
VES-8	11/13/09	8	2	PVC	3	8	--	--	--	--
VES-9	11/11/09	8	2	PVC	3	8	--	--	--	--
VES-10	11/11/09	8	2	PVC	3	8	--	--	--	--
VES-11	11/8/09	8	2	PVC	3	8	--	--	--	--
VES-12	11/7/09	7.5	2	PVC	3.5	7.5	--	--	--	--

TABLE 2-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Date Installed	Well Depth	Well Diameter	Well Material	Well Screen Interval				Elevations	
					Top	Bottom	Top	Bottom	Top of Well Casing	Ground Surface
		(ft bgs)	(inches)		(ft bgs)	(ft bgs)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)	(ft NAVD88)
VES-13	11/7/09	9.5	2	PVC	4.5	9.5	--	--	--	--
VES-14	11/10/09	8.5	2	PVC	3.5	8.5	--	--	--	--
VES-15	11/6/09	8	2	PVC	3	8	--	--	--	--
VES-16	11/12/09	8	2	PVC	3	8	--	--	--	--
VES-17	11/4/09	9	2	PVC	4	9	--	--	--	--
VES-18	11/4/09	9	2	PVC	4	9	--	--	--	--
VES-19	11/3/09	7	2	PVC	2	7	--	--	--	--
VES-20	11/3/09	7	2	PVC	2	7	--	--	--	--
Shallow Vapor Probe										
VP-1	11/5/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-2	11/5/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-3	11/9/10	5	0.13	Teflon	4.875	5	--	--	--	--
VP-4	11/7/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-5	11/3/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-6	11/3/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-7	11/9/10	5	0.13	Teflon	4.875	5	--	--	--	--
VP-8	11/9/10	5	0.13	Teflon	4.875	5	--	--	--	--
VP-9	11/8/09	5	0.13	Teflon	4.875	5	--	--	--	--
VP-10	11/8/09	5	0.13	Teflon	4.875	5	--	--	--	--

Notes:

ft bgs: feet below ground surface

PVC: polyvinyl chloride

~~OS-4:~~ Strikethrough font indicates wall was destroyed

ft NAVD88: feet relative to the North American Vertical Datum of 1988

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-1S	15	25	6271.94	8/13/08	13.69	6258.25	--	--	--
	15	25	6271.94	12/4/09	15.09	6256.85	-1.40	--	--
	15	25	6271.94	3/23/10	13.99	6257.95	1.10	--	--
	15	25	6271.94	6/15/10	11.16	6260.78	2.83	--	--
	15	25	6271.94	9/8/10	12.73	6259.21	-1.57	--	--
	15	25	6271.94	12/16/10	12.49	6259.45	0.24	--	--
	15	25	6271.94	5/11/11	5.08	6266.86	7.41	--	--
	15	25	6271.94	9/29/11	10.71	6261.23	-5.63	--	--
	15	25	6271.94	12/9/11	10.16	6261.78	0.55	--	--
	15	25	6271.94	3/29/12	9.03	6262.91	1.13	--	--
	15	25	6271.94	6/8/12	10.75	6261.19	-1.72	--	--
	15	25	6271.94	8/21/12	12.19	6259.75	-1.44	--	--
	15	25	6271.94	11/19/12	13.66	6258.28	-1.47	--	--
	15	25	6271.94	3/11/13	10.18	6261.76	3.48	--	--
	15	25	6271.94	7/30/13	11.27	6260.67	-1.09	--	--
	15	25	6271.94	9/30/13	12.31	6259.63	-1.04	--	--
	15	25	6271.94	12/10/13	13.91	6258.03	-1.60	--	--
	15	25	6271.94	3/6/14	14.14	6257.80	-0.23	--	--
	15	25	6271.94	6/26/14	12.30	6259.64	1.84	--	--
	15	25	6271.94	9/17/14	14.36	6257.58	-2.06	--	--
	15	25	6271.94	12/16/14	13.58	6258.36	0.78	--	--
	15	25	6271.94	3/26/15	13.84	6258.10	-0.26	--	--
	15	25	6271.94	6/12/15	13.05	6258.89	0.79	--	--
	15	25	6271.94	9/11/15	15.00	6256.94	-1.95	--	--
	15	25	6271.94	12/18/15	15.77	6256.17	-0.77	--	--
	15	25	6271.94	3/25/16	11.92	6260.02	3.85	--	--
	15	25	6271.94	6/21/16	10.66	6261.28	1.26	--	--
	15	25	6271.94	9/28/16	13.18	6258.76	-2.52	--	--
	15	25	6271.94	12/20/16	12.23	6259.71	0.95	--	--
	15	25	6271.94	5/2/17	3.08	6268.86	9.15	--	--
	15	25	6271.94	9/27/17	7.98	6263.96	-4.90	--	--
	15	25	6271.94	12/21/17	10.28	6261.66	-2.30	--	--
	15	25	6271.94	4/4/18	5.40	6266.54	4.88	--	--
	15	25	6271.94	6/25/18	6.55	6265.39	-1.15	--	--
	15	25	6271.94	9/26/18	8.94	6263.00	-2.39	--	--
	15	25	6271.94	11/25/18	9.83	6262.11	-0.89	--	--
	15	25	6271.94	12/6/18	9.71	6262.23	0.12	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-1S	15	25	6271.94	3/28/19	4.41	6267.53	5.30	--	--
	15	25	6271.94	6/3/19	4.45	6267.49	-0.04	--	--
	15	25	6271.94	9/24/19	8.55	6263.39	-4.10	--	--
	15	25	6271.94	12/20/19	9.11	6262.83	-0.56	--	--
	15	25	6271.94	3/26/20	9.31	6262.63	-0.20	--	--
	15	25	6271.94	6/29/20	9.07	6262.87	0.24	--	--
	15	25	6271.94	8/12/20	9.93	6262.01	-0.86	--	--
	15	25	6271.94	9/24/20	10.43	6261.51	-0.50	--	--
	15	25	6271.94	11/19/20	11.33	6260.61	-0.90	--	--
	15	25	6271.94	3/23/21	10.82	6261.12	0.51	--	--
	15	25	6271.94	6/18/21	11.10	6260.84	-0.28	--	--
	15	25	6271.94	9/24/21	12.38	6259.56	-1.28	--	--
	15	25	6271.94	11/10/21	11.90	6260.04	0.48	--	--
	15	25	6271.94	4/4/22	8.60	6263.34	3.30	--	--
	15	25	6271.94	6/28/22	8.82	6263.12	-0.22	--	--
	15	25	6271.94	9/30/22	10.74	6261.20	-1.92	--	--
	15	25	6271.94	12/23/22	11.46	6260.48	-0.72	--	--
	15	25	6271.94	6/6/23	3.39	6268.55	8.07	--	--
	15	25	6271.94	9/27/23	7.04	6264.90	-3.65	--	--
	15	25	6271.94	12/18/23	8.58	6263.36	-1.54	--	--
	15	25	6271.94	3/18/24	6.01	6265.93	2.57	--	--
	15	25	6271.94	6/17/24	6.23	6265.71	-0.22	--	--
	15	25	6271.94	9/23/24	9.05	6262.89	-2.82	--	--
	15	25	6271.94	1/2/25	9.45	6262.49	-0.40	0.007	19
	15	25	6271.94	3/25/25	8.32	6263.62	1.13	0.007	27
LW-MW-1D	40	50	6271.81	5/2/17	10.31	6261.50	--	--	--
	40	50	6271.81	9/27/17	14.94	6256.87	-4.63	--	--
	40	50	6271.81	12/21/17	14.17	6257.64	0.77	--	--
	40	50	6271.81	4/4/18	15.06	6256.75	-0.89	--	--
	40	50	6271.81	6/25/18	16.72	6255.09	-1.66	--	--
	40	50	6271.81	9/26/18	19.19	6252.62	-2.47	--	--
	40	50	6271.81	11/25/18	18.96	6252.85	0.23	--	--
	40	50	6271.81	12/6/18	18.70	6253.11	0.26	--	--
	40	50	6271.81	3/28/19	15.15	6256.66	3.55	--	--
	40	50	6271.81	6/3/19	14.80	6257.01	0.35	--	--
	40	50	6271.81	6/4/19	15.80	6256.01	-1.00	--	--
	40	50	6271.81	9/24/19	18.52	6253.29	-2.72	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-1D	40	50	6271.81	12/20/19	17.70	6254.11	0.82	--	--
	40	50	6271.81	3/26/20	17.22	6254.59	0.48	--	--
	40	50	6271.81	6/29/20	18.22	6253.59	-1.00	--	--
	40	50	6271.81	8/12/20	19.23	6252.58	-1.01	--	--
	40	50	6271.81	9/24/20	19.44	6252.37	-0.21	--	--
	40	50	6271.81	11/19/20	19.20	6252.61	0.24	--	--
	40	50	6271.81	3/23/21	18.68	6253.13	0.52	--	--
	40	50	6271.81	6/18/21	19.75	6252.06	-1.07	--	--
	40	50	6271.81	9/24/21	22.05	6249.76	-2.30	--	--
	40	50	6271.81	11/10/21	20.04	6251.77	2.01	--	--
	40	50	6271.81	4/4/22	17.65	6254.16	2.39	--	--
	40	50	6271.81	6/28/22	18.60	6253.21	-0.95	--	--
	40	50	6271.81	9/30/22	20.20	6251.61	-1.60	--	--
	40	50	6271.81	12/23/22	20.23	6251.58	-0.03	--	--
	40	50	6271.81	6/6/23	13.05	6258.76	7.18	--	--
	40	50	6271.81	9/27/23	16.22	6255.59	-3.17	--	--
	40	50	6271.81	12/18/23	16.62	6255.19	-0.40	--	--
	40	50	6271.81	3/18/24	15.40	6256.41	1.22	--	--
	40	50	6271.81	6/17/24	15.94	6255.87	-0.54	--	--
	40	50	6271.81	9/23/24	17.39	6254.42	-1.45	--	--
	40	50	6271.81	1/2/25	18.02	6253.79	-0.63	--	--
	40	50	6271.81	3/25/25	16.37	6255.44	1.65	--	--
LW-MW-2S	22.5	32.5	6272.84	8/13/08	14.99	6257.85	--	--	--
	22.5	32.5	6272.84	12/4/09	17.29	6255.55	-2.30	--	--
	22.5	32.5	6272.84	3/23/10	15.44	6257.40	1.85	--	--
	22.5	32.5	6272.84	6/15/10	13.21	6259.63	2.23	--	--
	22.5	32.5	6272.84	9/8/10	14.85	6257.99	-1.64	--	--
	22.5	32.5	6272.84	12/16/10	14.11	6258.73	0.74	--	--
	22.5	32.5	6272.84	5/11/11	7.41	6265.43	6.70	--	--
	22.5	32.5	6272.84	9/29/11	11.76	6261.08	-4.35	--	--
	22.5	32.5	6272.84	12/9/11	12.63	6260.21	-0.87	--	--
	22.5	32.5	6272.84	3/29/12	11.85	6260.99	0.78	--	--
	22.5	32.5	6272.84	6/8/12	12.73	6260.11	-0.88	--	--
	22.5	32.5	6272.84	8/21/12	13.64	6259.20	-0.91	--	--
	22.5	32.5	6272.84	11/19/12	14.97	6257.87	-1.33	--	--
	22.5	32.5	6272.84	3/11/13	12.84	6260.00	2.13	--	--
	22.5	32.5	6272.84	7/30/13	14.32	6258.52	-1.48	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-2S	22.5	32.5	6272.84	9/30/13	15.11	6257.73	-0.79	--	--
	22.5	32.5	6272.84	12/10/13	16.52	6256.32	-1.41	--	--
	22.5	32.5	6272.84	3/6/14	15.94	6256.90	0.58	--	--
	22.5	32.5	6272.84	6/26/14	15.40	6257.44	0.54	--	--
	22.5	32.5	6272.84	9/17/14	16.88	6255.96	-1.48	--	--
	22.5	32.5	6272.84	12/16/14	16.89	6255.95	-0.01	--	--
	22.5	32.5	6272.84	3/26/15	17.05	6255.79	-0.16	--	--
	22.5	32.5	6272.84	6/12/15	16.87	6255.97	0.18	--	--
	22.5	32.5	6272.84	9/11/15	17.91	6254.93	-1.04	--	--
	22.5	32.5	6272.84	12/18/15	18.59	6254.25	-0.68	--	--
	22.5	32.5	6272.84	3/25/16	14.74	6258.10	3.85	--	--
	22.5	32.5	6272.84	6/21/16	13.92	6258.92	0.82	--	--
	22.5	32.5	6272.84	9/28/16	15.94	6256.90	-2.02	--	--
	22.5	32.5	6272.84	12/20/16	15.02	6257.82	0.92	--	--
	22.5	32.5	6272.84	5/2/17	6.32	6266.52	8.70	--	--
	22.5	32.5	6272.84	9/27/17	11.20	6261.64	-4.88	--	--
	22.5	32.5	6272.84	12/21/17	10.66	6262.18	0.54	--	--
	22.5	32.5	6272.84	4/4/18	8.59	6264.25	2.07	--	--
	22.5	32.5	6272.84	6/25/18	9.63	6263.21	-1.04	--	--
	22.5	32.5	6272.84	9/26/18	12.33	6260.51	-2.70	--	--
	22.5	32.5	6272.84	11/19/18	12.94	6259.90	-0.61	--	--
	22.5	32.5	6272.84	11/25/18	12.89	6259.95	0.05	--	--
	22.5	32.5	6272.84	12/6/18	12.95	6259.89	-0.06	--	--
	22.5	32.5	6272.84	3/28/19	--	--	--	--	--
	22.5	32.5	6272.84	6/3/19	8.83	6264.01	--	--	--
	22.5	32.5	6272.84	9/24/19	9.68	6263.16	-0.85	--	--
	22.5	32.5	6272.84	12/19/19	12.67	6260.17	-2.99	--	--
	22.5	32.5	6272.84	3/26/20	12.82	6260.02	-0.15	--	--
	22.5	32.5	6272.84	6/29/20	12.92	6259.92	-0.10	--	--
	22.5	32.5	6272.84	8/12/20	13.45	6259.39	-0.53	--	--
	22.5	32.5	6272.84	9/24/20	13.99	6258.85	-0.54	--	--
	22.5	32.5	6272.84	11/19/20	14.61	6258.23	-0.62	--	--
	22.5	32.5	6272.84	3/23/21	14.07	6258.77	0.54	--	--
	22.5	32.5	6272.84	6/18/21	14.60	6258.24	-0.53	--	--
	22.5	32.5	6272.84	9/24/21	15.86	6256.98	-1.26	--	--
	22.5	32.5	6272.84	11/10/21	15.21	6257.63	0.65	--	--
	22.5	32.5	6272.84	4/4/22	11.98	6260.86	3.23	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-2S	22.5	32.5	6272.84	6/28/22	12.46	6260.38	-0.48	--	--
	22.5	32.5	6272.84	9/30/22	14.22	6258.62	-1.76	--	--
	22.5	32.5	6272.84	12/23/22	--	--	--	--	--
	22.5	32.5	6272.84	6/5/23	7.18	6265.66	--	--	--
	22.5	32.5	6272.84	9/27/23	10.59	6262.25	-3.41	--	--
	22.5	32.5	6272.84	12/18/23	11.35	6261.49	-0.76	--	--
	22.5	32.5	6272.84	3/18/24	9.46	6263.38	1.89	--	--
	22.5	32.5	6272.84	6/17/24	9.66	6263.18	-0.20	--	--
	22.5	32.5	6272.84	9/23/24	12.39	6260.45	-2.73	--	--
	22.5	32.5	6272.84	1/2/25	12.63	6260.21	-0.24	--	--
	22.5	32.5	6272.84	3/25/25	10.56	6262.28	2.07	0.007	27
LW-MW-2D	39.5	49.5	6272.80	5/2/17	12.53	6260.27	--	--	--
	39.5	49.5	6272.80	9/27/17	16.80	6256.00	-4.27	--	--
	39.5	49.5	6272.80	12/21/17	15.98	6256.82	0.82	--	--
	39.5	49.5	6272.80	4/4/18	15.65	6257.15	0.33	--	--
	39.5	49.5	6272.80	6/25/18	16.60	6256.20	-0.95	--	--
	39.5	49.5	6272.80	9/26/18	19.14	6253.66	-2.54	--	--
	39.5	49.5	6272.80	11/19/18	18.99	6253.81	0.15	--	--
	39.5	49.5	6272.80	11/25/18	18.97	6253.83	0.02	--	--
	39.5	49.5	6272.80	12/6/18	18.80	6254.00	0.17	--	--
	39.5	49.5	6272.80	3/28/19	--	--	--	--	--
	39.5	49.5	6272.80	6/3/19	15.06	6257.74	--	--	--
	39.5	49.5	6272.80	9/24/19	17.47	6255.33	-2.41	--	--
	39.5	49.5	6272.80	12/20/19	18.62	6254.18	-1.15	--	--
	39.5	49.5	6272.80	3/26/20	18.88	6253.92	-0.26	--	--
	39.5	49.5	6272.80	6/29/20	19.13	6253.67	-0.25	--	--
	39.5	49.5	6272.80	8/12/20	20.15	6252.65	-1.02	--	--
	39.5	49.5	6272.80	9/24/20	20.70	6252.10	-0.55	--	--
	39.5	49.5	6272.80	11/19/20	20.46	6252.34	0.24	--	--
	39.5	49.5	6272.80	3/23/21	19.88	6252.92	0.58	--	--
	39.5	49.5	6272.80	6/18/21	20.98	6251.82	-1.10	--	--
	39.5	49.5	6272.80	9/24/21	22.30	6250.50	-1.32	--	--
	39.5	49.5	6272.80	11/10/21	21.31	6251.49	0.99	--	--
	39.5	49.5	6272.80	4/4/22	20.14	6252.66	1.17	--	--
	39.5	49.5	6272.80	6/28/22	19.70	6253.10	0.44	--	--
	39.5	49.5	6272.80	9/30/22	21.35	6251.45	-1.65	--	--
	39.5	49.5	6272.80	12/23/22	--	--	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-2D	39.5	49.5	6272.80	6/5/23	14.34	6258.46	--	--	--
	39.5	49.5	6272.80	9/27/23	19.01	6253.79	-4.67	--	--
	39.5	49.5	6272.80	12/18/23	17.33	6255.47	1.68	--	--
	39.5	49.5	6272.80	3/18/24	16.39	6256.41	0.94	--	--
	39.5	49.5	6272.80	6/17/24	17.90	6254.90	-1.51	--	--
	39.5	49.5	6272.80	9/23/24	19.19	6253.61	-1.29	--	--
	39.5	49.5	6272.80	1/2/25	19.05	6253.75	0.14	--	--
	39.5	49.5	6272.80	3/25/25	17.28	6255.52	1.77	--	--
LW-MW-5S	19	29	6269.99	8/13/08	14.04	6255.95	--	--	--
	19	29	6269.99	12/4/09	14.85	6255.14	-0.81	--	--
	19	29	6269.99	3/23/10	14.21	6255.78	0.64	--	--
	19	29	6269.99	6/15/10	9.75	6260.24	4.46	--	--
	19	29	6269.99	9/8/10	12.06	6257.93	-2.31	--	--
	19	29	6269.99	12/16/10	--	--	--	--	--
	19	29	6269.99	5/11/11	4.75	6265.24	--	--	--
	19	29	6269.99	9/29/11	9.21	6260.78	-4.46	--	--
	19	29	6269.99	12/9/11	8.94	6261.05	0.27	--	--
	19	29	6269.99	3/29/12	7.94	6262.05	1.00	--	--
	19	29	6269.99	6/8/12	8.84	6261.15	-0.90	--	--
	19	29	6269.99	8/21/12	11.84	6258.15	-3.00	--	--
	19	29	6269.99	11/19/12	15.25	6254.74	-3.41	--	--
	19	29	6269.99	3/11/13	9.25	6260.74	6.00	--	--
	19	29	6269.99	7/30/13	10.22	6259.77	-0.97	--	--
	19	29	6269.99	9/30/13	11.36	6258.63	-1.14	--	--
	19	29	6269.99	12/10/13	14.32	6255.67	-2.96	--	--
	19	29	6269.99	3/6/14	12.93	6257.06	1.39	--	--
	19	29	6269.99	6/26/14	11.27	6258.72	1.66	--	--
	19	29	6269.99	9/17/14	12.73	6257.26	-1.46	--	--
	19	29	6269.99	12/16/14	12.89	6257.10	-0.16	--	--
	19	29	6269.99	3/26/15	12.63	6257.36	0.26	--	--
	19	29	6269.99	6/12/15	11.78	6258.21	0.85	--	--
	19	29	6269.99	9/11/15	13.91	6256.08	-2.13	--	--
	19	29	6269.99	12/18/15	14.31	6255.68	-0.40	--	--
	19	29	6269.99	3/25/16	10.65	6259.34	3.66	--	--
	19	29	6269.99	6/21/16	9.54	6260.45	1.11	--	--
	19	29	6269.99	9/28/16	12.31	6257.68	-2.77	--	--
	19	29	6269.99	12/20/16	11.05	6258.94	1.26	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-5S	19	29	6269.99	5/2/17	2.12	6267.87	8.93	--	--
	19	29	6269.99	9/27/17	6.86	6263.13	-4.74	--	--
	19	29	6269.99	12/21/17	7.50	6262.49	-0.64	--	--
	19	29	6269.99	4/4/18	4.75	6265.24	2.75	--	--
	19	29	6269.99	6/25/18	5.63	6264.36	-0.88	--	--
	19	29	6269.99	9/26/18	8.20	6261.79	-2.57	--	--
	19	29	6269.99	11/19/18	12.89	6257.10	-4.69	--	--
	19	29	6269.99	11/25/18	9.06	6260.93	3.83	--	--
	19	29	6269.99	12/6/18	8.97	6261.02	0.09	--	--
	19	29	6269.99	3/28/19	--	--	--	--	--
	19	29	6269.99	6/3/19	3.65	6266.34	--	--	--
	19	29	6269.99	9/24/19	7.81	6262.18	-4.16	--	--
	19	29	6269.99	12/19/19	8.30	6261.69	-0.49	--	--
	19	29	6269.99	3/26/20	--	--	--	--	--
	19	29	6269.99	6/29/20	8.31	6261.68	--	--	--
	19	29	6269.99	8/12/20	9.18	6260.81	-0.87	--	--
	19	29	6269.99	9/24/20	9.81	6260.18	-0.63	--	--
	19	29	6269.99	11/19/20	10.70	6259.29	-0.89	--	--
	19	29	6269.99	3/23/21	10.05	6259.94	0.65	--	--
	19	29	6269.99	6/18/21	10.50	6259.49	-0.45	--	--
	19	29	6269.99	9/24/21	11.76	6258.23	-1.26	--	--
	19	29	6269.99	11/10/21	11.10	6258.89	0.66	--	--
	19	29	6269.99	4/4/22	8.00	6261.99	3.10	--	--
	19	29	6269.99	6/28/22	8.30	6261.69	-0.30	--	--
	19	29	6269.99	9/30/22	10.19	6259.80	-1.89	--	--
	19	29	6269.99	12/23/22	--	--	--	--	--
	19	29	6269.99	6/5/23	2.85	6267.14	--	--	--
	19	29	6269.99	9/27/23	6.48	6263.51	-3.63	--	--
	19	29	6269.99	12/18/23	8.75	6261.24	-2.27	--	--
	19	29	6269.99	3/18/24	5.50	6264.49	3.25	--	--
	19	29	6269.99	6/17/24	5.79	6264.20	-0.29	--	--
	19	29	6269.99	9/23/24	8.52	6261.47	-2.73	--	--
	19	29	6269.99	1/2/25	8.85	6261.14	-0.33	0.007	19
	19	29	6269.99	3/25/25	6.44	6263.55	2.41	0.007	27
LW-MW-5D	40.5	50.5	6269.76	5/2/17	12.58	6257.18	--	--	--
	40.5	50.5	6269.76	9/27/17	16.51	6253.25	-3.93	--	--
	40.5	50.5	6269.76	12/21/17	15.30	6254.46	1.21	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-5D	40.5	50.5	6269.76	4/4/18	14.33	6255.43	0.97	--	--
	40.5	50.5	6269.76	6/25/18	16.17	6253.59	-1.84	--	--
	40.5	50.5	6269.76	9/26/18	18.60	6251.16	-2.43	--	--
	40.5	50.5	6269.76	11/19/18	18.24	6251.52	0.36	--	--
	40.5	50.5	6269.76	12/6/18	17.98	6251.78	0.26	--	--
	40.5	50.5	6269.76	3/28/19	--	--	--	--	--
	40.5	50.5	6269.76	6/3/19	14.28	6255.48	--	--	--
	40.5	50.5	6269.76	9/24/19	18.02	6251.74	-3.74	--	--
	40.5	50.5	6269.76	12/19/19	17.03	6252.73	0.99	--	--
	40.5	50.5	6269.76	3/26/20	--	--	--	--	--
	40.5	50.5	6269.76	6/29/20	18.54	6251.22	--	--	--
	40.5	50.5	6269.76	8/12/20	19.68	6250.08	-1.14	--	--
	40.5	50.5	6269.76	9/24/20	20.20	6249.56	-0.52	--	--
	40.5	50.5	6269.76	11/19/20	19.47	6250.29	0.73	--	--
	40.5	50.5	6269.76	3/23/21	19.00	6250.76	0.47	--	--
	40.5	50.5	6269.76	6/18/21	20.27	6249.49	-1.27	--	--
	40.5	50.5	6269.76	9/24/21	21.65	6248.11	-1.38	--	--
	40.5	50.5	6269.76	11/10/21	20.28	6249.48	1.37	--	--
	40.5	50.5	6269.76	4/4/22	18.14	6251.62	2.14	--	--
	40.5	50.5	6269.76	6/28/22	19.34	6250.42	-1.20	--	--
	40.5	50.5	6269.76	9/30/22	20.75	6249.01	-1.41	--	--
	40.5	50.5	6269.76	12/23/22	--	--	--	--	--
	40.5	50.5	6269.76	6/5/23	13.88	6255.88	--	--	--
	40.5	50.5	6269.76	9/27/23	16.71	6253.05	-2.83	--	--
	40.5	50.5	6269.76	12/18/23	17.73	6252.03	-1.02	--	--
	40.5	50.5	6269.76	3/18/24	15.68	6254.08	2.05	--	--
	40.5	50.5	6269.76	6/17/24	16.34	6253.42	-0.66	--	--
	40.5	50.5	6269.76	9/23/24	18.34	6251.42	-2.00	--	--
	40.5	50.5	6269.76	1/2/25	17.96	6251.80	0.38	--	--
	40.5	50.5	6269.76	3/25/25	16.36	6253.40	1.60	--	--
LW-MW-9S	10	25	6273.46	12/4/09	16.01	6257.45	--	--	--
	10	25	6273.46	3/23/10	14.82	6258.64	1.19	--	--
	10	25	6273.46	6/15/10	12.29	6261.17	2.53	--	--
	10	25	6273.46	9/8/10	13.91	6259.55	-1.62	--	--
	10	25	6273.46	12/16/10	14.75	6258.71	-0.84	--	--
	10	25	6273.46	5/11/11	6.37	6267.09	8.38	--	--
	10	25	6273.46	9/29/11	12.51	6260.95	-6.14	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-9S	10	25	6273.46	12/9/11	11.57	6261.89	0.94	--	--
	10	25	6273.46	3/29/12	10.68	6262.78	0.89	--	--
	10	25	6273.46	6/8/12	12.76	6260.70	-2.08	--	--
	10	25	6273.46	8/21/12	13.92	6259.54	-1.16	--	--
	10	25	6273.46	11/19/12	15.26	6258.20	-1.34	--	--
	10	25	6273.46	3/11/13	11.66	6261.80	3.60	--	--
	10	25	6273.46	7/30/13	12.69	6260.77	-1.03	--	--
	10	25	6273.46	9/30/13	13.75	6259.71	-1.06	--	--
	10	25	6273.46	12/10/13	17.23	6256.23	-3.48	--	--
	10	25	6273.46	3/6/14	16.80	6256.66	0.43	--	--
	10	25	6273.46	6/26/14	13.73	6259.73	3.07	--	--
	10	25	6273.46	9/17/14	12.40	6261.06	1.33	--	--
	10	25	6273.46	12/16/14	15.46	6258.00	-3.06	--	--
	10	25	6273.46	3/26/15	13.22	6260.24	2.24	--	--
	10	25	6273.46	6/12/15	7.29	6266.17	5.93	--	--
	10	25	6273.46	9/11/15	16.57	6256.89	-9.28	--	--
	10	25	6273.46	12/18/15	--	--	--	--	--
	10	25	6273.46	3/25/16	13.42	6260.04	--	--	--
	10	25	6273.46	6/21/16	12.18	6261.28	1.24	--	--
	10	25	6273.46	9/28/16	15.91	6257.55	-3.73	--	--
	10	25	6273.46	12/20/16	11.01	6262.45	4.90	--	--
	10	25	6273.46	5/2/17	4.55	6268.91	6.46	--	--
	10	25	6273.46	9/27/17	9.47	6263.99	-4.92	--	--
	10	25	6273.46	12/21/17	7.63	6265.83	1.84	--	--
	10	25	6273.46	4/4/18	7.07	6266.39	0.56	--	--
	10	25	6273.46	6/25/18	4.56	6268.90	2.51	--	--
	10	25	6273.46	9/26/18	10.59	6262.87	-6.03	--	--
	10	25	6273.46	11/19/18	11.87	6261.59	-1.28	--	--
	10	25	6273.46	11/25/18	11.54	6261.92	0.33	--	--
	10	25	6273.46	12/6/18	11.46	6262.00	0.08	--	--
	10	25	6273.46	3/28/19	5.58	6267.88	5.88	--	--
	10	25	6273.46	6/3/19	6.10	6267.36	-0.52	--	--
	10	25	6273.46	9/24/19	10.21	6263.25	-4.11	--	--
	10	25	6273.46	12/20/19	10.81	6262.65	-0.60	--	--
	10	25	6273.46	3/26/20	11.31	6262.15	-0.50	--	--
	10	25	6273.46	6/29/20	10.76	6262.70	0.55	--	--
	10	25	6273.46	8/12/20	11.64	6261.82	-0.88	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-9S	10	25	6273.46	9/24/20	11.30	6262.16	0.34	--	--
	10	25	6273.46	11/19/20	13.20	6260.26	-1.90	--	--
	10	25	6273.46	3/23/21	12.71	6260.75	0.49	--	--
	10	25	6273.46	6/18/21	13.02	6260.44	-0.31	--	--
	10	25	6273.46	9/24/21	14.30	6259.16	-1.28	--	--
	10	25	6273.46	11/10/21	13.78	6259.68	0.52	--	--
	10	25	6273.46	4/4/22	10.50	6262.96	3.28	--	--
	10	25	6273.46	6/28/22	10.70	6262.76	-0.20	--	--
	10	25	6273.46	9/30/22	12.65	6260.81	-1.95	--	--
	10	25	6273.46	12/23/22	--	--	--	--	--
	10	25	6273.46	6/6/23	5.23	6268.23	--	--	--
	10	25	6273.46	9/27/23	6.40	6267.06	-1.17	--	--
	10	25	6273.46	12/18/23	10.75	6262.71	-4.35	--	--
	10	25	6273.46	3/18/24	7.93	6265.53	2.82	--	--
	10	25	6273.46	6/17/24	8.13	6265.33	-0.20	--	--
	10	25	6273.46	9/23/24	10.98	6262.48	-2.85	--	--
	10	25	6273.46	1/2/25	10.88	6262.58	0.10	0.007	19
	10	25	6273.46	3/25/25	10.56	6262.90	0.32	0.007	27
LW-MW-10S	--	--	--	12/4/09	14.30	--	--	--	--
	--	--	--	3/23/10	13.27	--	--	--	--
	--	--	--	6/15/10	10.55	--	--	--	--
	--	--	--	9/8/10	12.13	--	--	--	--
	--	--	--	12/16/10	11.07	--	--	--	--
	--	--	--	5/11/11	4.41	--	--	--	--
	--	--	--	9/29/11	9.20	--	--	--	--
	--	--	--	12/9/11	9.80	--	--	--	--
	--	--	--	3/29/12	9.02	--	--	--	--
	--	--	--	6/8/12	9.43	--	--	--	--
	--	--	--	8/21/12	10.45	--	--	--	--
	--	--	--	11/19/12	N/A	--	--	--	--
	--	--	--	1/2/25	N/A	--	--	--	--
LW-MW-10SR	10	25	6272.33	7/30/13	11.73	6260.60	--	--	--
	10	25	6272.33	9/30/13	11.95	6260.38	-0.22	--	--
	10	25	6272.33	12/10/13	13.40	6258.93	-1.45	--	--
	10	25	6272.33	3/6/14	13.21	6259.12	0.19	--	--
	10	25	6272.33	6/26/14	11.99	6260.34	1.22	--	--
	10	25	6272.33	9/17/14	13.61	6258.72	-1.62	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-10SR	10	25	6272.33	12/16/14	14.78	6257.55	-1.17	--	--
	10	25	6272.33	3/26/15	13.75	6258.58	1.03	--	--
	10	25	6272.33	6/12/15	12.99	6259.34	0.76	--	--
	10	25	6272.33	9/11/15	14.82	6257.51	-1.83	--	--
	10	25	6272.33	12/18/15	16.58	6255.75	-1.76	--	--
	10	25	6272.33	3/25/16	11.95	6260.38	4.63	--	--
	10	25	6272.33	6/21/16	10.39	6261.94	1.56	--	--
	10	25	6272.33	9/28/16	12.83	6259.50	-2.44	--	--
	10	25	6272.33	12/20/16	12.05	6260.28	0.78	--	--
	10	25	6272.33	5/2/17	2.60	6269.73	9.45	--	--
	10	25	6272.33	9/27/17	7.69	6264.64	-5.09	--	--
	10	25	6272.33	12/21/17	8.62	6263.71	-0.93	--	--
	10	25	6272.33	4/4/18	5.33	6267.00	3.29	--	--
	10	25	6272.33	6/25/18	6.12	6266.21	-0.79	--	--
	10	25	6272.33	9/26/18	8.88	6263.45	-2.76	--	--
	10	25	6272.33	11/19/18	9.81	6262.52	-0.93	--	--
	10	25	6272.33	11/25/18	9.81	6262.52	0.00	--	--
	10	25	6272.33	12/6/18	9.76	6262.57	0.05	--	--
	10	25	6272.33	3/28/19	4.16	6268.17	5.60	--	--
	10	25	6272.33	6/3/19	4.28	6268.05	-0.12	--	--
	10	25	6272.33	9/24/19	8.48	6263.85	-4.20	--	--
	10	25	6272.33	12/19/19	9.12	6263.21	-0.64	--	--
	10	25	6272.33	3/26/20	9.51	6262.82	-0.39	--	--
	10	25	6272.33	6/29/20	8.93	6263.40	0.58	--	--
	10	25	6272.33	8/12/20	9.81	6262.52	-0.88	--	--
	10	25	6272.33	9/24/20	10.49	6261.84	-0.68	--	--
	10	25	6272.33	11/19/20	11.38	6260.95	-0.89	--	--
	10	25	6272.33	3/23/21	11.04	6261.29	0.34	--	--
	10	25	6272.33	6/18/21	11.30	6261.03	-0.26	--	--
	10	25	6272.33	9/24/21	12.56	6259.77	-1.26	--	--
	10	25	6272.33	11/10/21	12.11	6260.22	0.45	--	--
	10	25	6272.33	4/4/22	8.70	6263.63	3.41	--	--
	10	25	6272.33	6/28/22	8.92	6263.41	-0.22	--	--
	10	25	6272.33	9/30/22	10.85	6261.48	-1.93	--	--
	10	25	6272.33	12/23/22	--	--	--	--	--
	10	25	6272.33	6/5/23	3.28	6269.05	--	--	--
	10	25	6272.33	9/27/23	7.05	6265.28	-3.77	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-10SR	10	25	6272.33	12/18/23	8.65	6263.68	-1.60	--	--
	10	25	6272.33	3/18/24	5.98	6266.35	2.67	--	--
	10	25	6272.33	6/17/24	6.10	6266.23	-0.12	--	--
	10	25	6272.33	9/23/24	10.03	6262.30	-3.93	--	--
	10	25	6272.33	1/2/25	9.50	6262.83	0.53	0.007	19
	10	25	6272.33	3/25/25	7.33	6265.00	2.17	0.007	27
LW-MW-11S	10	25	6272.08	12/4/09	14.91	6257.17	--	--	--
	10	25	6272.08	3/23/10	14.72	6257.36	0.19	--	--
	10	25	6272.08	6/15/10	11.38	6260.70	3.34	--	--
	10	25	6272.08	9/8/10	12.87	6259.21	-1.49	--	--
	10	25	6272.08	12/16/10	14.95	6257.13	-2.08	--	--
	10	25	6272.08	5/11/11	5.40	6266.68	9.55	--	--
	10	25	6272.08	9/29/11	10.25	6261.83	-4.85	--	--
	10	25	6272.08	12/9/11	10.61	6261.47	-0.36	--	--
	10	25	6272.08	3/29/12	9.79	6262.29	0.82	--	--
	10	25	6272.08	6/8/12	10.52	6261.56	-0.73	--	--
	10	25	6272.08	8/21/12	11.06	6261.02	-0.54	--	--
	10	25	6272.08	11/19/12	13.03	6259.05	-1.97	--	--
	10	25	6272.08	3/11/13	11.84	6260.24	1.19	--	--
	10	25	6272.08	7/30/13	11.74	6260.34	0.10	--	--
	10	25	6272.08	9/30/13	12.85	6259.23	-1.11	--	--
	10	25	6272.08	12/10/13	14.59	6257.49	-1.74	--	--
	10	25	6272.08	3/6/14	14.01	6258.07	0.58	--	--
	10	25	6272.08	6/26/14	12.80	6259.28	1.21	--	--
	10	25	6272.08	9/17/14	14.31	6257.77	-1.51	--	--
	10	25	6272.08	12/16/14	14.62	6257.46	-0.31	--	--
	10	25	6272.08	3/26/15	--	--	--	--	--
	10	25	6272.08	6/12/15	13.97	6258.11	--	--	--
	10	25	6272.08	9/11/15	15.69	6256.39	-1.72	--	--
	10	25	6272.08	12/18/15	16.59	6255.49	-0.90	--	--
	10	25	6272.08	3/25/16	12.44	6259.64	4.15	--	--
	10	25	6272.08	6/21/16	11.36	6260.72	1.08	--	--
	10	25	6272.08	9/28/16	14.92	6257.16	-3.56	--	--
	10	25	6272.08	12/20/16	11.40	6260.68	3.52	--	--
	10	25	6272.08	5/2/17	3.51	6268.57	7.89	--	--
	10	25	6272.08	9/27/17	9.42	6262.66	-5.91	--	--
	10	25	6272.08	12/21/17	6.42	6265.66	3.00	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-11S	10	25	6272.08	4/4/18	6.47	6265.61	-0.05	--	--
	10	25	6272.08	6/25/18	7.29	6264.79	-0.82	--	--
	10	25	6272.08	9/26/18	9.83	6262.25	-2.54	--	--
	10	25	6272.08	11/19/18	10.88	6261.20	-1.05	--	--
	10	25	6272.08	11/25/18	10.89	6261.19	-0.01	--	--
	10	25	6272.08	12/6/18	10.88	6261.20	0.01	--	--
	10	25	6272.08	3/28/19	5.59	6266.49	5.29	--	--
	10	25	6272.08	6/3/19	5.30	6266.78	0.29	--	--
	10	25	6272.08	9/24/19	9.51	6262.57	-4.21	--	--
	10	25	6272.08	12/19/19	10.15	6261.93	-0.64	--	--
	10	25	6272.08	3/26/20	10.74	6261.34	-0.59	--	--
	10	25	6272.08	6/29/20	10.08	6262.00	0.66	--	--
	10	25	6272.08	8/12/20	10.92	6261.16	-0.84	--	--
	10	25	6272.08	9/24/20	11.64	6260.44	-0.72	--	--
	10	25	6272.08	11/19/20	12.65	6259.43	-1.01	--	--
	10	25	6272.08	3/23/21	12.06	6260.02	0.59	--	--
	10	25	6272.08	6/18/21	12.43	6259.65	-0.37	--	--
	10	25	6272.08	9/24/21	13.70	6258.38	-1.27	--	--
	10	25	6272.08	11/10/21	13.08	6259.00	0.62	--	--
	10	25	6272.08	4/4/22	9.97	6262.11	3.11	--	--
	10	25	6272.08	6/28/22	10.15	6261.93	-0.18	--	--
	10	25	6272.08	9/30/22	12.08	6260.00	-1.93	--	--
	10	25	6272.08	12/23/22	--	--	--	--	--
	10	25	6272.08	6/5/23	4.08	6268.00	--	--	--
	10	25	6272.08	9/27/23	8.16	6263.92	-4.08	--	--
	10	25	6272.08	12/18/23	8.74	6263.34	-0.58	--	--
	10	25	6272.08	3/18/24	7.48	6264.60	1.26	--	--
	10	25	6272.08	6/17/24	7.54	6264.54	-0.06	--	--
	10	25	6272.08	9/23/24	10.27	6261.81	-2.73	--	--
	10	25	6272.08	1/2/25	10.73	6261.35	-0.46	0.007	19
	10	25	6272.08	3/25/25	8.80	6263.28	1.93	0.007	27
LW-MW-12S	10	25	6271.11	12/4/09	15.00	6256.11	--	--	--
	10	25	6271.11	3/23/10	13.36	6257.75	1.64	--	--
	10	25	6271.11	6/15/10	9.99	6261.12	3.37	--	--
	10	25	6271.11	9/8/10	11.57	6259.54	-1.58	--	--
	10	25	6271.11	12/16/10	--	--	--	--	--
	10	25	6271.11	5/11/11	4.07	6267.04	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-12S	10	25	6271.11	9/29/11	10.75	6260.36	-6.68	--	--
	10	25	6271.11	12/9/11	9.15	6261.96	1.60	--	--
	10	25	6271.11	3/29/12	--	--	--	--	--
	10	25	6271.11	6/8/12	9.51	6261.60	--	--	--
	10	25	6271.11	8/21/12	9.37	6261.74	0.14	--	--
	10	25	6271.11	11/19/12	11.31	6259.80	-1.94	--	--
	10	25	6271.11	3/11/13	--	--	--	--	--
	10	25	6271.11	7/30/13	10.31	6260.80	--	--	--
	10	25	6271.11	9/30/13	11.32	6259.79	-1.01	--	--
	10	25	6271.11	12/10/13	--	--	--	--	--
	10	25	6271.11	3/6/14	12.57	6258.54	--	--	--
	10	25	6271.11	6/26/14	11.32	6259.79	1.25	--	--
	10	25	6271.11	9/17/14	13.05	6258.06	-1.73	--	--
	10	25	6271.11	12/16/14	12.96	6258.15	0.09	--	--
	10	25	6271.11	3/26/15	13.00	6258.11	-0.04	--	--
	10	25	6271.11	6/12/15	12.50	6258.61	0.50	--	--
	10	25	6271.11	9/11/15	14.04	6257.07	-1.54	--	--
	10	25	6271.11	12/18/15	--	--	--	--	--
	10	25	6271.11	3/25/16	11.08	6260.03	--	--	--
	10	25	6271.11	6/21/16	9.72	6261.39	1.36	--	--
	10	25	6271.11	9/28/16	12.24	6258.87	-2.52	--	--
	10	25	6271.11	12/20/16	--	--	--	--	--
	10	25	6271.11	5/2/17	2.20	6268.91	--	--	--
	10	25	6271.11	9/27/17	7.09	6264.02	-4.89	--	--
	10	25	6271.11	12/21/17	--	--	--	--	--
	10	25	6271.11	4/4/18	--	--	--	--	--
	10	25	6271.11	6/25/18	5.46	6265.65	--	--	--
	10	25	6271.11	9/26/18	8.15	6262.96	-2.69	--	--
	10	25	6271.11	11/19/18	8.98	6262.13	-0.83	--	--
	10	25	6271.11	11/25/18	8.99	6262.12	-0.01	--	--
	10	25	6271.11	12/6/18	--	--	--	--	--
	10	25	6271.11	3/28/19	--	--	--	--	--
	10	25	6271.11	6/3/19	3.65	6267.46	--	--	--
	10	25	6271.11	9/9/19	7.85	6263.26	-4.20	--	--
	10	25	6271.11	12/20/19	--	--	--	--	--
	10	25	6271.11	3/26/20	--	--	--	--	--
	10	25	6271.11	6/29/20	8.26	6262.85	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
LW-MW-12S	10	25	6271.11	8/12/20	9.11	6262.00	-0.85	--	--
	10	25	6271.11	9/24/20	9.71	6261.40	-0.60	--	--
	10	25	6271.11	11/19/20	10.68	6260.43	-0.97	--	--
	10	25	6271.11	3/23/21	--	--	--	--	--
	10	25	6271.11	6/18/21	10.51	6260.60	--	--	--
	10	25	6271.11	9/24/21	11.76	6259.35	-1.25	--	--
	10	25	6271.11	11/10/21	11.24	6259.87	0.52	--	--
	10	25	6271.11	4/4/22	7.90	6263.21	3.34	--	--
	10	25	6271.11	6/28/22	8.21	6262.90	-0.31	--	--
	10	25	6271.11	9/30/22	10.10	6261.01	-1.89	--	--
	10	25	6271.11	12/23/22	--	--	--	--	--
	10	25	6271.11	6/5/23	2.79	6268.32	--	--	--
	10	25	6271.11	9/27/23	6.38	6264.73	-3.59	--	--
	10	25	6271.11	12/18/23	8.61	6262.50	-2.23	--	--
	10	25	6271.11	3/18/24	5.42	6265.69	3.19	--	--
	10	25	6271.11	6/17/24	5.60	6265.51	-0.18	--	--
	10	25	6271.11	9/23/24	9.50	6261.61	-3.90	--	--
	10	25	6271.11	1/2/25	8.75	6262.36	0.75	0.007	19
	10	25	6271.11	3/25/25	7.05	6264.06	1.70	0.007	27
LW-MW-13S	10	25	6271.28	12/4/09	14.39	6256.89	--	--	--
	10	25	6271.28	3/23/10	13.20	6258.08	1.19	--	--
	10	25	6271.28	6/15/10	11.02	6260.26	2.18	--	--
	10	25	6271.28	9/8/10	12.42	6258.86	-1.40	--	--
	10	25	6271.28	12/16/10	14.09	6257.19	-1.67	--	--
	10	25	6271.28	5/11/11	5.07	6266.21	9.02	--	--
	10	25	6271.28	9/29/11	10.61	6260.67	-5.54	--	--
	10	25	6271.28	12/9/11	10.19	6261.09	0.42	--	--
	10	25	6271.28	3/29/12	9.37	6261.91	0.82	--	--
	10	25	6271.28	6/8/12	8.85	6262.43	0.52	--	--
	10	25	6271.28	8/21/12	10.22	6261.06	-1.37	--	--
	10	25	6271.28	11/19/12	11.98	6259.30	-1.76	--	--
	10	25	6271.28	3/11/13	--	--	--	--	--
	10	25	6271.28	7/30/13	11.36	6259.92	--	--	--
	10	25	6271.28	9/30/13	12.78	6258.50	-1.42	--	--
	10	25	6271.28	12/10/13	--	--	--	--	--
	10	25	6271.28	3/6/14	12.90	6258.38	--	--	--
	10	25	6271.28	6/26/14	12.46	6258.82	0.44	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-13S	10	25	6271.28	9/17/14	13.42	6257.86	-0.96	--	--
	10	25	6271.28	12/16/14	14.29	6256.99	-0.87	--	--
	10	25	6271.28	3/26/15	14.32	6256.96	-0.03	--	--
	10	25	6271.28	6/12/15	14.17	6257.11	0.15	--	--
	10	25	6271.28	9/11/15	15.25	6256.03	-1.08	--	--
	10	25	6271.28	12/18/15	--	--	--	--	--
	10	25	6271.28	3/25/16	11.98	6259.30	--	--	--
	10	25	6271.28	6/21/16	10.59	6260.69	1.39	--	--
	10	25	6271.28	9/28/16	14.40	6256.88	-3.81	--	--
	10	25	6271.28	12/20/16	12.41	6258.87	1.99	--	--
	10	25	6271.28	5/2/17	3.07	6268.21	9.34	--	--
	10	25	6271.28	9/27/17	7.93	6263.35	-4.86	--	--
	10	25	6271.28	12/21/17	8.56	6262.72	-0.63	--	--
	10	25	6271.28	4/4/18	6.10	6265.18	2.46	--	--
	10	25	6271.28	6/25/18	6.81	6264.47	-0.71	--	--
	10	25	6271.28	9/26/18	9.46	6261.82	-2.65	--	--
	10	25	6271.28	11/19/18	10.51	6260.77	-1.05	--	--
	10	25	6271.28	11/25/18	10.54	6260.74	-0.03	--	--
	10	25	6271.28	12/6/18	10.53	6260.75	0.01	--	--
	10	25	6271.28	3/28/19	5.10	6266.18	5.43	--	--
	10	25	6271.28	6/3/19	4.89	6266.39	0.21	--	--
	10	25	6271.28	9/24/19	9.17	6262.11	-4.28	--	--
	10	25	6271.28	12/19/19	9.79	6261.49	-0.62	--	--
	10	25	6271.28	3/26/20	--	--	--	--	--
	10	25	6271.28	6/29/20	9.77	6261.51	--	--	--
	10	25	6271.28	8/12/20	10.55	6260.73	-0.78	--	--
	10	25	6271.28	9/24/20	11.27	6260.01	-0.72	--	--
	10	25	6271.28	11/19/20	12.24	6259.04	-0.97	--	--
	10	25	6271.28	3/23/21	11.71	6259.57	0.53	--	--
	10	25	6271.28	6/18/21	12.07	6259.21	-0.36	--	--
	10	25	6271.28	9/24/21	13.31	6257.97	-1.24	--	--
	10	25	6271.28	11/10/21	12.65	6258.63	0.66	--	--
	10	25	6271.28	4/4/22	9.65	6261.63	3.00	--	--
	10	25	6271.28	6/28/22	9.95	6261.33	-0.30	--	--
	10	25	6271.28	9/30/22	11.78	6259.50	-1.83	--	--
	10	25	6271.28	12/23/22	--	--	--	--	--
	10	25	6271.28	6/5/23	3.97	6267.31	--	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
LW-MW-13S	10	25	6271.28	9/27/23	7.81	6263.47	-3.84	--	--
	10	25	6271.28	12/18/23	9.60	6261.68	-1.79	--	--
	10	25	6271.28	3/18/24	6.89	6264.39	2.71	--	--
	10	25	6271.28	6/17/24	7.20	6264.08	-0.31	--	--
	10	25	6271.28	9/23/24	10.02	6261.26	-2.82	--	--
	10	25	6271.28	1/2/25	10.38	6260.90	-0.36	0.007	19
	10	25	6271.28	3/25/25	8.51	6262.77	1.87	0.007	27
OS-1	10	25	6268.58	3/24/10	13.25	6255.33	--	--	--
	10	25	6268.58	6/15/10	11.17	6257.41	2.08	--	--
	10	25	6268.58	9/8/10	12.68	6255.90	-1.51	--	--
	10	25	6268.58	12/16/10	12.13	6256.45	0.55	--	--
	10	25	6268.58	5/11/11	5.91	6262.67	6.22	--	--
	10	25	6268.58	9/29/11	9.25	6259.33	-3.34	--	--
	10	25	6268.58	12/9/11	10.47	6258.11	-1.22	--	--
	10	25	6268.58	3/29/12	9.93	6258.65	0.54	--	--
	10	25	6268.58	6/8/12	9.52	6259.06	0.41	--	--
	10	25	6268.58	8/21/12	11.06	6257.52	-1.54	--	--
	10	25	6268.58	11/19/12	11.41	6257.17	-0.35	--	--
	10	25	6268.58	3/11/13	--	--	--	--	--
	10	25	6268.58	7/30/13	10.69	6257.89	--	--	--
	10	25	6268.58	9/30/13	13.10	6255.48	-2.41	--	--
	10	25	6268.58	12/10/13	14.02	6254.56	-0.92	--	--
	10	25	6268.58	3/6/14	13.41	6255.17	0.61	--	--
	10	25	6268.58	6/26/14	12.71	6255.87	0.70	--	--
	10	25	6268.58	9/17/14	13.86	6254.72	-1.15	--	--
	10	25	6268.58	12/16/14	14.47	6254.11	-0.61	--	--
	10	25	6268.58	3/26/15	12.85	6255.73	1.62	--	--
	10	25	6268.58	6/12/15	14.14	6254.44	-1.29	--	--
	10	25	6268.58	9/11/15	15.30	6253.28	-1.16	--	--
	10	25	6268.58	12/18/15	16.10	6252.48	-0.80	--	--
	10	25	6268.58	3/25/16	11.73	6256.85	4.37	--	--
	10	25	6268.58	6/21/16	10.82	6257.76	0.91	--	--
	10	25	6268.58	9/28/16	13.32	6255.26	-2.50	--	--
	10	25	6268.58	12/20/16	12.63	6255.95	0.69	--	--
	10	25	6268.58	5/2/17	4.09	6264.49	8.54	--	--
	10	25	6268.58	9/27/17	8.42	6260.16	-4.33	--	--
	10	25	6268.58	12/21/17	8.93	6259.65	-0.51	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
OS-1	10	25	6268.58	4/4/18	7.29	6261.29	1.64	--	--
	10	25	6268.58	6/25/18	7.57	6261.01	-0.28	--	--
	10	25	6268.58	9/26/18	10.00	6258.58	-2.43	--	--
	10	25	6268.58	11/19/18	10.96	6257.62	-0.96	--	--
	10	25	6268.58	11/25/18	10.94	6257.64	0.02	--	--
	10	25	6268.58	12/6/18	10.80	6257.78	0.14	--	--
	10	25	6268.58	3/28/19	6.30	6262.28	4.50	--	--
	10	25	6268.58	6/3/19	5.82	6262.76	0.48	--	--
	10	25	6268.58	9/24/19	9.65	6258.93	-3.83	--	--
	10	25	6268.58	12/20/19	10.09	6258.49	-0.44	--	--
	10	25	6268.58	3/26/20	10.71	6257.87	-0.62	--	--
	10	25	6268.58	6/29/20	10.18	6258.40	0.53	--	--
	10	25	6268.58	8/12/20	11.08	6257.50	-0.90	--	--
	10	25	6268.58	9/24/20	11.62	6256.96	-0.54	--	--
	10	25	6268.58	11/19/20	12.55	6256.03	-0.93	--	--
	10	25	6268.58	3/23/21	11.64	6256.94	0.91	--	--
	10	25	6268.58	6/18/21	12.18	6256.40	-0.54	--	--
	10	25	6268.58	9/24/21	13.48	6255.10	-1.30	--	--
	10	25	6268.58	11/10/21	12.58	6256.00	0.90	--	--
	10	25	6268.58	4/4/22	9.85	6258.73	2.73	--	--
	10	25	6268.58	6/28/22	10.25	6258.33	-0.40	--	--
	10	25	6268.58	9/30/22	12.26	6256.32	-2.01	--	--
	10	25	6268.58	12/23/22	--	--	--	--	--
	10	25	6268.58	6/6/23	3.89	6264.69	--	--	--
	10	25	6268.58	9/27/23	7.27	6261.31	-3.38	--	--
	10	25	6268.58	12/18/23	10.15	6258.43	-2.88	--	--
	10	25	6268.58	3/18/24	8.00	6260.58	2.15	--	--
	10	25	6268.58	6/17/24	8.14	6260.44	-0.14	--	--
	10	25	6268.58	9/23/24	10.62	6257.96	-2.48	--	--
	10	25	6268.58	1/2/25	11.04	6257.54	-0.42	0.007	19
	10	25	6268.58	3/25/25	9.11	6259.47	1.93	0.007	27
OS-2S	8.5	23.5	6267.57	11/7/18	9.75	6257.82	--	--	--
	8.5	23.5	6267.57	11/19/18	8.87	6258.70	0.88	--	--
	8.5	23.5	6267.57	11/25/18	8.70	6258.87	0.17	--	--
	8.5	23.5	6267.57	3/28/19	3.77	6263.80	4.93	--	--
	8.5	23.5	6267.57	6/3/19	4.00	6263.57	-0.23	--	--
	8.5	23.5	6267.57	9/24/19	7.67	6259.90	-3.67	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-2S	8.5	23.5	6267.57	12/20/19	8.48	6259.09	-0.81	--	--
	8.5	23.5	6267.57	3/26/20	8.22	6259.35	0.26	--	--
	8.5	23.5	6267.57	6/29/20	8.25	6259.32	-0.03	--	--
	8.5	23.5	6267.57	8/12/20	8.84	6258.73	-0.59	--	--
	8.5	23.5	6267.57	9/24/20	9.55	6258.02	-0.71	--	--
	8.5	23.5	6267.57	11/19/20	10.55	6257.02	-1.00	--	--
	8.5	23.5	6267.57	3/23/21	9.13	6258.44	1.42	--	--
	8.5	23.5	6267.57	6/18/21	9.88	6257.69	-0.75	--	--
	8.5	23.5	6267.57	9/24/21	11.23	6256.34	-1.35	--	--
	8.5	23.5	6267.57	11/10/21	9.97	6257.60	1.26	--	--
	8.5	23.5	6267.57	4/4/22	7.25	6260.32	2.72	--	--
	8.5	23.5	6267.57	6/28/22	7.91	6259.66	-0.66	--	--
	8.5	23.5	6267.57	9/30/22	9.87	6257.70	-1.96	--	--
	8.5	23.5	6267.57	12/23/22	--	--	--	--	--
	8.5	23.5	6267.57	6/6/23	2.57	6265.00	--	--	--
	8.5	23.5	6267.57	9/28/23	6.04	6261.53	-3.47	--	--
	8.5	23.5	6267.57	12/18/23	7.62	6259.95	-1.58	--	--
	8.5	23.5	6267.57	3/18/24	5.00	6262.57	2.62	--	--
	8.5	23.5	6267.57	6/17/24	5.61	6261.96	-0.61	--	--
	8.5	23.5	6267.57	9/23/24	8.23	6259.34	-2.62	--	--
	8.5	23.5	6267.57	1/2/25	8.15	6259.42	0.08	0.007	19
	8.5	23.5	6267.57	3/25/25	6.14	6261.43	2.01	0.007	27
OS-2M	42	48	6267.62	11/7/18	12.55	6255.07	--	--	--
	42	48	6267.62	11/19/18	12.40	6255.22	0.15	--	--
	42	48	6267.62	11/25/18	12.42	6255.20	-0.02	--	--
	42	48	6267.62	3/28/19	8.18	6259.44	4.24	--	--
	42	48	6267.62	6/3/19	8.80	6258.82	-0.62	--	--
	42	48	6267.62	9/24/19	11.61	6256.01	-2.81	--	--
	42	48	6267.62	12/20/19	11.51	6256.11	0.10	--	--
	42	48	6267.62	3/26/20	12.20	6255.42	-0.69	--	--
	42	48	6267.62	6/29/20	12.31	6255.31	-0.11	--	--
	42	48	6267.62	8/12/20	13.13	6254.49	-0.82	--	--
	42	48	6267.62	9/24/20	13.75	6253.87	-0.62	--	--
	42	48	6267.62	11/19/20	11.00	6256.62	2.75	--	--
	42	48	6267.62	3/23/21	13.41	6254.21	-2.41	--	--
	42	48	6267.62	6/18/21	14.20	6253.42	-0.79	--	--
	42	48	6267.62	9/24/21	15.51	6252.11	-1.31	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-2M	42	48	6267.62	11/10/21	14.47	6253.15	1.04	--	--
	42	48	6267.62	4/4/22	12.02	6255.60	2.45	--	--
	42	48	6267.62	6/28/22	12.63	6254.99	-0.61	--	--
	42	48	6267.62	9/30/22	14.33	6253.29	-1.70	--	--
	42	48	6267.62	12/23/22	--	--	--	--	--
	42	48	6267.62	6/6/23	7.10	6260.52	--	--	--
	42	48	6267.62	9/28/23	10.30	6257.32	-3.20	--	--
	42	48	6267.62	12/18/23	11.43	6256.19	-1.13	--	--
	42	48	6267.62	3/18/24	9.72	6257.90	1.71	--	--
	42	48	6267.62	6/17/24	9.93	6257.69	-0.21	--	--
	42	48	6267.62	9/23/24	12.41	6255.21	-2.48	--	--
	42	48	6267.62	1/2/25	12.48	6255.14	-0.07	--	--
	42	48	6267.62	3/25/25	10.65	6256.97	1.83	--	--
OS-3S	8.5	23.5	6270.12	11/7/18	10.13	6259.99	--	--	--
	8.5	23.5	6270.12	11/19/18	9.74	6260.38	0.39	--	--
	8.5	23.5	6270.12	11/25/18	8.85	6261.27	0.89	--	--
	8.5	23.5	6270.12	3/28/19	5.53	6264.59	3.32	--	--
	8.5	23.5	6270.12	6/3/19	6.64	6263.48	-1.11	--	--
	8.5	23.5	6270.12	9/24/19	9.11	6261.01	-2.47	--	--
	8.5	23.5	6270.12	12/19/19	8.90	6261.22	0.21	--	--
	8.5	23.5	6270.12	3/26/20	9.47	6260.65	-0.57	--	--
	8.5	23.5	6270.12	6/29/20	9.06	6261.06	0.41	--	--
	8.5	23.5	6270.12	8/12/20	9.84	6260.28	-0.78	--	--
	8.5	23.5	6270.12	9/24/20	10.74	6259.38	-0.90	--	--
	8.5	23.5	6270.12	11/19/20	11.15	6258.97	-0.41	--	--
	8.5	23.5	6270.12	3/23/21	9.80	6260.32	1.35	--	--
	8.5	23.5	6270.12	6/18/21	10.91	6259.21	-1.11	--	--
	8.5	23.5	6270.12	9/24/21	12.54	6257.58	-1.63	--	--
	8.5	23.5	6270.12	11/10/21	9.52	6260.60	3.02	--	--
	8.5	23.5	6270.12	4/4/22	7.95	6262.17	1.57	--	--
	8.5	23.5	6270.12	6/28/22	8.63	6261.49	-0.68	--	--
	8.5	23.5	6270.12	9/30/22	10.70	6259.42	-2.07	--	--
	8.5	23.5	6270.12	12/23/22	--	--	--	--	--
	8.5	23.5	6270.12	6/5/23	4.62	6265.50	--	--	--
	8.5	23.5	6270.12	9/27/23	8.33	6261.79	-3.71	--	--
	8.5	23.5	6270.12	12/18/23	9.37	6260.75	-1.04	--	--
	8.5	23.5	6270.12	3/18/24	8.02	6262.10	1.35	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-3S	8.5	23.5	6270.12	6/17/24	8.52	6261.60	-0.50	--	--
	8.5	23.5	6270.12	9/23/24	10.78	6259.34	-2.26	--	--
	8.5	23.5	6270.12	1/2/25	10.40	6259.72	0.38	0.007	19
	8.5	23.5	6270.12	3/25/25	8.91	6261.21	1.49	0.007	27
OS-3M	38	48	6270.52	11/7/18	13.61	6256.91	--	--	--
	38	48	6270.52	11/19/18	22.56	6247.96	-8.95	--	--
	38	48	6270.52	11/25/18	22.59	6247.93	-0.03	--	--
	38	48	6270.52	3/28/19	19.31	6251.21	3.28	--	--
	38	48	6270.52	6/3/19	19.03	6251.49	0.28	--	--
	38	48	6270.52	9/24/19	22.32	6248.20	-3.29	--	--
	38	48	6270.52	12/20/19	21.45	6249.07	0.87	--	--
	38	48	6270.52	3/26/20	21.77	6248.75	-0.32	--	--
	38	48	6270.52	6/29/20	22.83	6247.69	-1.06	--	--
	38	48	6270.52	8/12/20	23.83	6246.69	-1.00	--	--
	38	48	6270.52	9/24/20	24.28	6246.24	-0.45	--	--
	38	48	6270.52	11/19/20	23.69	6246.83	0.59	--	--
	38	48	6270.52	3/23/21	21.90	6248.62	1.79	--	--
	38	48	6270.52	6/18/21	24.10	6246.42	-2.20	--	--
	38	48	6270.52	9/24/21	25.53	6244.99	-1.43	--	--
	38	48	6270.52	11/10/21	24.41	6246.11	1.12	--	--
	38	48	6270.52	4/4/22	22.24	6248.28	2.17	--	--
	38	48	6270.52	6/28/22	23.32	6247.20	-1.08	--	--
	38	48	6270.52	9/30/22	24.74	6245.78	-1.42	--	--
	38	48	6270.52	12/23/22	--	--	--	--	--
	38	48	6270.52	6/6/23	17.99	6252.53	--	--	--
	38	48	6270.52	9/27/23	21.10	6249.42	-3.11	--	--
	38	48	6270.52	12/18/23	21.28	6249.24	-0.18	--	--
	38	48	6270.52	3/18/24	20.07	6250.45	1.21	--	--
	38	48	6270.52	6/17/24	20.71	6249.81	-0.64	--	--
	38	48	6270.52	9/23/24	22.45	6248.07	-1.74	--	--
	38	48	6270.52	1/2/25	22.15	6248.37	0.30	--	--
	38	48	6270.52	3/25/25	20.72	6249.80	1.43	--	--
OS-4S	9	24	6262.47	11/7/18	9.61	6252.86	--	--	--
	9	24	6262.47	11/19/18	7.29	6255.18	2.32	--	--
	9	24	6262.47	11/25/18	6.89	6255.58	0.40	--	--
	9	24	6262.47	3/28/19	2.23	6260.24	4.66	--	--
	9	24	6262.47	6/3/19	3.06	6259.41	-0.83	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top (ft bgs)	Bottom (ft bgs)	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
OS-4S	9	24	6262.47	9/24/19	6.35	6256.12	-3.29	--	--
	9	24	6262.47	12/20/19	5.66	6256.81	0.69	--	--
	9	24	6262.47	3/26/20	6.31	6256.16	-0.65	--	--
	9	24	6262.47	6/29/20	6.66	6255.81	-0.35	--	--
	9	24	6262.47	8/12/20	7.65	6254.82	-0.99	--	--
	9	24	6262.47	9/24/20	8.36	6254.11	-0.71	--	--
	9	24	6262.47	11/19/20	8.45	6254.02	-0.09	--	--
	9	24	6262.47	3/23/21	7.26	6255.21	1.19	--	--
	9	24	6262.47	6/18/21	8.18	6254.29	-0.92	--	--
	9	24	6262.47	9/24/21	9.65	6252.82	-1.47	--	--
	9	24	6262.47	11/10/21	7.61	6254.86	2.04	--	--
	9	24	6262.47	4/4/22	5.89	6256.58	1.72	--	--
	9	24	6262.47	6/28/22	6.62	6255.85	-0.73	--	--
	9	24	6262.47	9/30/22	8.50	6253.97	-1.88	--	--
	9	24	6262.47	12/23/22	8.35	6254.12	0.15	--	--
	9	24	6262.47	6/6/23	2.57	6259.90	5.78	--	--
	9	24	6262.47	9/27/23	5.46	6257.01	-2.89	--	--
	9	24	6262.47	12/18/23	--	--	--	--	--
	9	24	6262.47	3/18/24	--	--	--	--	--
	9	24	6262.47	6/17/24	--	--	--	--	--
	9	24	6262.47	9/23/24	--	--	--	--	--
	9	24	6262.47	1/2/25	--	--	--	--	--
	9	24	6262.47	3/25/25	--	--	--	--	--
OS-4M	33	43	6262.37	11/7/18	14.70	6247.67	--	--	--
	33	43	6262.37	11/19/18	14.23	6248.14	0.47	--	--
	33	43	6262.37	11/25/18	14.21	6248.16	0.02	--	--
	33	43	6262.37	3/28/19	10.84	6251.53	3.37	--	--
	33	43	6262.37	6/3/19	10.75	6251.62	0.09	--	--
	33	43	6262.37	9/24/19	14.30	6248.07	-3.55	--	--
	33	43	6262.37	12/20/19	13.20	6249.17	1.10	--	--
	33	43	6262.37	3/26/20	13.41	6248.96	-0.21	--	--
	33	43	6262.37	6/29/20	15.04	6247.33	-1.63	--	--
	33	43	6262.37	8/12/20	15.81	6246.56	-0.77	--	--
	33	43	6262.37	9/24/20	16.39	6245.98	-0.58	--	--
	33	43	6262.37	11/19/20	15.49	6246.88	0.90	--	--
	33	43	6262.37	3/23/21	14.73	6247.64	0.76	--	--
	33	43	6262.37	6/18/21	16.20	6246.17	-1.47	--	--

TABLE 2-2
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screen Interval/ Well Depth		Top of Casing Elevation	Date	Depth to Water	Ground-water Elevation	Elevation Change From Previous Event	Hydraulic Gradient (Shallow)	Ground-water Flow Direction
	Top	Bottom	(feet MSL)		(feet bTOC)	(feet MSL)	(ft)	(ft/ft)	(degrees)
	(ft bgs)	(ft bgs)							
OS-4M	33	43	6262.37	9/24/21	17.61	6244.76	-1.41	--	--
	33	43	6262.37	11/10/21	16.11	6246.26	1.50	--	--
	33	43	6262.37	4/4/22	14.04	6248.33	2.07	--	--
	33	43	6262.37	6/28/22	15.49	6246.88	-1.45	--	--
	33	43	6262.37	9/30/22	16.84	6245.53	-1.35	--	--
	33	43	6262.37	12/23/22	16.30	6246.07	0.54	--	--
	33	43	6262.37	6/6/23	10.31	6252.06	5.99	--	--
	33	43	6262.37	9/27/23	13.07	6249.30	-2.76	--	--
	33	43	6262.37	12/18/23	--	--	--	--	--
	33	43	6262.37	3/18/24	--	--	--	--	--
	33	43	6262.37	6/17/24	--	--	--	--	--
	33	43	6262.37	9/23/24	--	--	--	--	--
	33	43	6262.37	1/2/25	--	--	--	--	--
	33	43	6262.37	3/25/25	--	--	--	--	--

Notes:

ft bgs: feet below ground surface
feet MSL: feet above mean sea level
bTOC: below top of casing
ft: feet
ft/ft: feet per foot

TABLE 3-1
SUMMARY OF SOIL ANALYTICAL RESULTS AND HUMAN HEALTH RISK
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA									
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
PES September 2004 On-Site Investigations																		
SB-1	SB-1-1	1	9/15/04	0.095	0.0072	0.024	<0.005	<0.005	3.52E-08	1.20E-09	--	3.64E-08	0.00	0.00	0.00	--	--	0.00
	SB-1-4	4	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-1-8	8	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-2	SB-2-1.5	1.5	9/15/04	<0.005	<0.005	0.013	<0.005	<0.005	--	--	--	--	--	--	0.00	--	--	0.00
	SB-2-4	4	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-2-8	8	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-3	SB-3-2.5	2.5	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-3-5	5	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-3-8	8	9/15/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-4	SB-4-6	6	9/14/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-4-8	8	9/14/04	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-5	SB-5-5	5	9/14/04	0.81	0.084	0.048	<0.005	<0.005	3.00E-07	1.40E-08	--	3.14E-07	0.00	0.00	0.00	--	--	0.01
	SB-5-8	8	9/14/04	0.044	0.011	0.014	<0.005	<0.005	1.63E-08	1.83E-09	--	1.81E-08	0.00	0.00	0.00	--	--	0.00
SB-6	SB-6-1	1	9/14/04	0.1	0.026	0.046	<0.005	<0.005	3.70E-08	4.33E-09	--	4.14E-08	0.00	0.00	0.00	--	--	0.00
	SB-6-8	8	9/14/04	0.11	0.027	0.076	<0.005	<0.005	4.07E-08	4.50E-09	--	4.52E-08	0.00	0.00	0.00	--	--	0.00
PES April 2005 On-Site Investigations																		
SB5b	SB5b-1.5	1.5	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB6b	SB6b-4	4	4/26/05	1.8	0.39	0.32	0.0072	<0.005	6.67E-07	6.50E-08	--	7.32E-07	0.00	0.02	0.00	0.00	--	0.03
	SB6b-12	12	4/26/05	0.024	0.011	0.04	<0.005	<0.005	8.89E-09	1.83E-09	--	1.07E-08	0.00	0.00	0.00	--	--	0.00
SB7	SB7-2	2	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB7-4	4	4/25/05	0.46	0.032	0.0074	<0.005	<0.005	1.70E-07	5.33E-09	--	1.76E-07	0.00	0.00	0.00	--	--	0.00
	SB7-8	8	4/25/05	0.55	<0.005	<0.005	<0.005	<0.005	2.04E-07	--	--	2.04E-07	0.00	--	--	--	--	0.00
	SB7-12	12	4/25/05	0.22	0.13	0.11	<0.005	<0.005	8.15E-08	2.17E-08	--	1.03E-07	0.00	0.01	0.00	--	--	0.01
SB8	SB8-2	2	4/25/05	0.82	0.12	0.42	0.0063	<0.005	3.04E-07	2.00E-08	--	3.24E-07	0.00	0.01	0.00	0.00	--	0.01
	SB8-4	4	4/25/05	**12**	<0.005	<0.005	<0.005	<0.005	4.44E-06	--	--	**4.44E-06**	0.03	--	--	--	--	0.03
	SB8-8	8	4/25/05	**6.3**	<0.005	<0.005	<0.005	<0.005	2.33E-06	--	--	**2.33E-06**	0.02	--	--	--	--	0.02
SB9	SB9-1.5	1.5	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB9-4	4	4/26/05	0.04	0.014	0.016	<0.005	<0.005	1.48E-08	2.33E-09	--	1.71E-08	0.00	0.00	0.00	--	--	0.00
	SB9-8	8	4/26/05	0.041	0.024	0.038	<0.005	0.0072	1.52E-08	4.00E-09	4.80E-08	6.72E-08	0.00	0.00	0.00	--	0.00	0.00
SB10	SB10-2.5	2.5	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB10-4	4	4/26/05	0.038	0.0082	<0.005	<0.005	<0.005	1.41E-08	1.37E-09	--	1.54E-08	0.00	0.00	--	--	--	0.00
	SB10-8	8	4/26/05	0.0087	0.0069	0.0078	<0.005	<0.005	3.22E-09	1.15E-09	--	4.37E-09	0.00	0.00	0.00	--	--	0.00
SB11	SB11-2	2	4/25/05	0.0085	0.0063	0.056	<0.005	<0.005	3.15E-09	1.05E-09	--	4.20E-09	0.00	0.00	0.00	--	--	0.00
	SB11-4	4	4/25/05	0.27	<0.005	0.41	<0.005	<0.005	1.00E-07	--	--	1.00E-07	0.00	--	0.00	--	--	0.00
	SB11-8	8	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB11-12	12	4/25/05	0.039	0.011	0.035	<0.005	<0.005	1.44E-08	1.83E-09	--	1.63E-08	0.00	0.00	0.00	--	--	0.00
SB12	SB12-1	1	4/25/05	0.14	0.037	0.047	<0.005	<0.005	5.19E-08	6.17E-09	--	5.80E-08	0.00	0.00	0.00	--	--	0.00
	SB12-4	4	4/25/05	1.8	0.27	0.22	<0.005	<0.005	6.67E-07	4.50E-08	--	7.12E-07	0.00	0.01	0.00	--	--	0.02
	SB12-8	8	4/25/05	1.2	0.13	0.14	<0.005	<0.005	4.44E-07	2.17E-08	--	4.66E-07	0.00	0.01	0.00	--	--	0.01
	SB12-12	12	4/25/05	0.25	0.12	0.12	<0.005	<0.005	9.26E-08	2.00E-08	--	1.13E-07	0.00	0.01	0.00	--	--	0.01
SB13	SB13-1	1	4/25/05	0.01	<0.005	<0.005	<0.005	<0.005	3.70E-09	--	--	3.70E-09	0.00	--	--	--	--	0.00
	SB13-4	4	4/25/05	**6.1**	0.87	0.48	<0.005	<0.005	2.26E-06	1.45E-07	--	**2.40E-06**	0.02	0.05	0.00	--	--	0.06
	SB13-8	8	4/25/05	0.44	0.11	0.18	<0.005	<0.005	1.63E-07	1.83E-08	--	1.81E-07	0.00	0.01	0.00	--	--	0.01
	SB13-12	12	4/25/05	0.092	0.036	0.1	<0.005	<0.005	3.41E-08	6.00E-09	--	4.01E-08	0.00	0.00	0.00	--	--	0.00

TABLE 3-1
SUMMARY OF SOIL ANALYTICAL RESULTS AND HUMAN HEALTH RISK
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA								
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
SB14	SB14-1.5	1.5	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB14-4	4	4/25/05	1.2	0.14	<0.005	<0.005	<0.005	4.44E-07	2.33E-08	--	4.68E-07	0.00	0.01	--	--	--	0.01
	SB14-8	8	4/25/05	0.024	<0.005	<0.005	<0.005	<0.005	8.89E-09	--	--	8.89E-09	0.00	--	--	--	--	0.00
	SB14-12	12	4/25/05	0.012	0.0059	0.015	<0.005	<0.005	4.44E-09	9.83E-10	--	5.43E-09	0.00	0.00	0.00	--	--	0.00
SB15	SB15-2	2	4/25/05	0.17	0.0071	<0.005	<0.005	<0.005	6.30E-08	1.18E-09	--	6.41E-08	0.00	0.00	--	--	--	0.00
	SB15-4	4	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB15-8	8	4/25/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB16	SB16-2.5	2.5	4/26/05	0.84	0.077	0.054	<0.005	<0.005	3.11E-07	1.28E-08	--	3.24E-07	0.00	0.00	0.00	--	--	0.01
	SB16-4	4	4/26/05	0.76	0.081	0.073	<0.005	<0.005	2.81E-07	1.35E-08	--	2.95E-07	0.00	0.00	0.00	--	--	0.01
	SB16-8	8	4/26/05	0.022	0.012	<0.005	<0.005	<0.005	8.15E-09	2.00E-09	--	1.01E-08	0.00	0.00	--	--	--	0.00
	SB16-12	12	4/26/05	0.12	0.029	0.02	<0.005	<0.005	4.44E-08	4.83E-09	--	4.93E-08	0.00	0.00	0.00	--	--	0.00
SB17	SB17-2	2	4/26/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB17-4	4	4/26/05	<0.005	<0.005	0.01	<0.005	0.02	--	--	1.33E-07	1.33E-07	--	--	0.00	--	0.00	0.00
	SB17-8	8	4/26/05	0.13	0.028	0.02	<0.005	<0.005	4.81E-08	4.67E-09	--	5.28E-08	0.00	0.00	0.00	--	--	0.00
	SB17-12	12	4/26/05	0.097	0.025	0.024	<0.005	<0.005	3.59E-08	4.17E-09	--	4.01E-08	0.00	0.00	0.00	--	--	0.00
SB18	SB18-1.5	1.5	4/26/05	0.035	0.0083	0.022	<0.005	<0.005	1.30E-08	1.38E-09	--	1.43E-08	0.00	0.00	0.00	--	--	0.00
	SB18-4	4	4/26/05	0.12	0.019	0.014	<0.005	<0.005	4.44E-08	3.17E-09	--	4.76E-08	0.00	0.00	0.00	--	--	0.00
	SB18-8	8	4/26/05	0.058	0.13	0.13	<0.005	<0.005	2.15E-08	2.17E-08	--	4.31E-08	0.00	0.01	0.00	--	--	0.01
	SB18-12	12	4/26/05	0.200	0.1	0.14	<0.005	<0.005	7.41E-08	1.67E-08	--	9.07E-08	0.00	0.01	0.00	--	--	0.01
PES November 2005 On-Site Investigations																		
SB-19	SB-19-4	4	11/17/05	0.24	<0.005	<0.005	<0.005	<0.005	8.89E-08	--	--	8.89E-08	0.00	--	--	--	--	0.00
	SB-19-8	8	11/17/05	0.028	<0.005	<0.005	<0.005	<0.005	1.04E-08	--	--	1.04E-08	0.00	--	--	--	--	0.00
	SB-19-12	12	11/17/05	0.013	<0.005	<0.005	<0.005	<0.005	4.81E-09	--	--	4.81E-09	0.00	--	--	--	--	0.00
SB-20	SB-20-4	4	11/17/05	0.028	<0.005	<0.005	<0.005	<0.005	1.04E-08	--	--	1.04E-08	0.00	--	--	--	--	0.00
	SB-20-8	8	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-20-12	12	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
SB-21	SB-21-4	4	11/17/05	0.017	<0.005	<0.005	<0.005	<0.005	6.30E-09	--	--	6.30E-09	0.00	--	--	--	--	0.00
	SB-21-8	8	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-21-12	12	11/17/05	0.044	<0.005	<0.005	<0.005	<0.005	1.63E-08	--	--	1.63E-08	0.00	--	--	--	--	0.00
SB-22	SB-22-4	4	11/17/05	0.066	0.0096	0.062	<0.005	<0.005	2.44E-08	1.60E-09	--	2.60E-08	0.00	0.00	0.00	--	--	0.00
	SB-22-8	8	11/17/05	0.013	<0.005	<0.005	<0.005	<0.005	4.81E-09	--	--	4.81E-09	0.00	--	--	--	--	0.00
	SB-22-12	12	11/17/05	0.096	0.068	0.022	<0.005	<0.005	3.56E-08	1.13E-08	--	4.69E-08	0.00	0.00	0.00	--	--	0.00
SB-23	SB-23-4	4	11/17/05	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
	SB-23-8	8	11/17/05	0.032	<0.005	<0.005	<0.005	<0.005	1.19E-08	--	--	1.19E-08	0.00	--	--	--	--	0.00
	SB-23-12	12	11/17/05	0.073	<0.005	0.0071	<0.005	<0.005	2.70E-08	--	--	2.70E-08	0.00	--	0.00	--	--	0.00
E2C July 2008 On-Site Investigations																		
LW-MW-1	LW·MW· 1 ·7(FB}	7	7/11/08	**410**	**17**	1.2	<0.05	<0.05	1.52E-04	2.83E-06	--	**1.55E-04**	1.05	0.89	0.00	--	--	**1.95**
	LW·MW-1-7(PV)			**532**	**13.9**	<0.05	<0.05	<0.05	1.97E-04	2.32E-06	--	**1.99E-04**	1.36	0.73	--	--	--	**2.10**
	L W-MW-1-26(FB)	26	7/11/08	0.26	<0.03	<0.05	<0.05	<0.05	9.63E-08	--	--	9.63E-08	0.00	--	--	--	--	0.00
	LW-MW-1-26(PV)			0.132	<0.1	<0.05	<0.05	<0.05	4.89E-08	--	--	4.89E-08	0.00	--	--	--	--	0.00
	L W-MW-1-38(FB)	38	7/14/08	0.33	<0.03	<0.05	<0.05	<0.05	1.22E-07	--	--	1.22E-07	0.00	--	--	--	--	0.00
	LW-MW-1-38(PV)			0.27	<0.1	<0.05	<0.05	<0.05	1.00E-07	--	--	1.00E-07	0.00	--	--	--	--	0.00
	LW-MW-1-52.S(PV)	52.5	7/14/08	<0.05	<0.1	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--

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Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA									
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
LW-MW-2	LW-MW-2-10(FB)	10	7/17/08	0.33	0.035	<0.05	<0.05	<0.05	1.22E-07	5.83E-09	--	1.28E-07	0.00	0.00	--	--	--	0.00
	LW-MW-2-10(PV)			0.266	<0.1	<0.05	<0.05	<0.05	9.85E-08	--	--	9.85E-08	0.00	--	--	--	--	0.00
	LW-MW-2-16(FB)	16	7/17/08	0.12	<0.03	<0.05	<0.05	<0.05	4.44E-08	--	--	4.44E-08	0.00	--	--	--	--	0.00
	LW-MW-2-16(PV)			0.086	<0.1	<0.05	0.126	<0.05	3.19E-08	--	--	3.19E-08	0.00	--	--	0.00	--	0.00
	LW-MW-2-31 (FB)	31	7/24/08	0.14	<0.03	<0.05	<0.05	<0.05	5.19E-08	--	--	5.19E-08	0.00	--	--	--	--	0.00
	LW-MW-2-31(PV)			0.112	<0.1	<0.05	0.125	<0.05	4.15E-08	--	--	4.15E-08	0.00	--	--	0.00	--	0.00
	LW-MW-2-43(PV)	43	7/24/08	<0.05	<0.1	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
LW-MW-3	LW-MW-3-11	11	7/29/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-3-20	20	7/29/08	<0.05	<0.1	<0.5	0.123	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-3-25	25	7/29/08	<0.05	<0.1	0.71	<0.05	0.053	--	--	3.53E-07	3.53E-07	--	--	0.00	--	0.00	0.00
	W-MW-3-34	34	7/30/08	<0.05	<0.1	<0.5	0.12	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
LW-MW-4	LW-MW-4-5.5	5.5	7/31/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-4-15	15	7/31/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-4-36.5	36.5	8/6/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-4-45.5	45.5	8/6/08	0.713	<0.1	<0.5	<0.05	<0.05	2.64E-07	--	--	2.64E-07	0.00	--	--	--	--	0.00
LW-MW-5	LW-MW-5-10	10	7/24/08	<0.05	<0.1	0.51	0.108	<0.05	--	--	--	--	--	--	0.00	0.00	--	0.00
	LW-MW-5-30	30	7/24/08	<0.05	<0.1	<0.5	<0.05	0.059	--	--	3.93E-07	3.93E-07	--	--	--	--	0.00	0.00
	LW-MW-5-41	41	7/24/08	<0.05	<0.1	<0.5	0.107	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-5-50	50	7/24/08	<0.05	<0.1	<0.5	0.12	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
LW-MW-6	LW-MW-6-10	10	8/4/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-6-20	20	8/6/08	0.272	<0.1	<0.5	0.109	<0.05	1.01E-07	--	--	1.01E-07	0.00	--	--	0.00	--	0.00
	LW-MW-6-30	30	8/6/08	0.106	<0.1	<0.5	0.122	<0.05	3.93E-08	--	--	3.93E-08	0.00	--	--	0.00	--	0.00
	LW-MW-6-45	45	8/7/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
LW-MW-7	LW-MW-7-11	11	7/31/08	0.069	<0.1	<0.5	<0.05	0.061	2.56E-08	--	4.07E-07	4.32E-07	0.00	--	--	--	0.00	0.00
	LW-MW-7-20	20	7/31/08	<0.05	<0.1	<0.5	0.113	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-7-25	25	7/31/08	<0.05	<0.1	<0.5	0.118	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-7-40.5	40.5	8/5/08	0.82	<0.1	<0.5	0.141	0.066	3.04E-07	--	4.40E-07	7.44E-07	0.00	--	--	0.00	0.00	0.00
LW-MW-8	LW-MW-8-15	15	7/28/08	<0.05	<0.1	<0.5	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	LW-MW-8-25.5	25.5	7/28/08	<0.05	<0.1	<0.5	0.105	<0.05	--	--	--	--	--	--	--	0.00	--	0.00
	LW-MW-8-32	32	7/29/08	0.057	<0.1	<0.5	0.11	<0.05	2.11E-08	--	--	2.11E-08	0.00	--	--	0.00	--	0.00
	LW-MW-8-40	40	7/29/08	0.375	<0.1	<0.5	<0.05	<0.05	1.39E-07	--	--	1.39E-07	0.00	--	--	--	--	0.00
E2C November 2009 On-Site Investigations																		
LW-MW-9	9S-6	6	11/10/09	0.347	<0.05	<0.05	<0.05	<0.05	1.29E-07	--	--	1.29E-07	0.00	--	--	--	--	0.00
	9S-15.5	15.5	11/10/09	0.078	<0.05	<0.05	<0.05	<0.05	2.89E-08	--	--	2.89E-08	0.00	--	--	--	--	0.00
LW-MW-10	10S-15.5	15.5	11/10/09	0.052	<0.05	<0.05	<0.05	<0.05	1.93E-08	--	--	1.93E-08	0.00	--	--	--	--	0.00
	10S-26	26	11/10/09	0.051	<0.05	<0.05	<0.05	<0.05	1.89E-08	--	--	1.89E-08	0.00	--	--	--	--	0.00
LW-MW-11	11S-10.5	10.5	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	11S-25.5	25.5	11/10/09	0.072	<0.05	<0.05	<0.05	<0.05	2.67E-08	--	--	2.67E-08	0.00	--	--	--	--	0.00
LW-MW-12	12S-10.5	10.5	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	12S-20	20	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
LW-MW-13	13S-21	21	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--
	13S-25.8	25.8	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--

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Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth	Date	Chlorinated VOCs					HHRA									
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	Vinyl Chloride	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Cumulative Non Cancer Hazard
		(feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HQ	HI
PES December 2018 On-Site Investigations																		
Storm Drain	SD1-2.75	2.75	12/4/18	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD2-4.25	4.25	12/4/18	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	--	--	--	--	--	--	--	--	--	--
Sanitary Sewer	SS1-5.75	5.75	12/4/18	0.0018	<0.00142	<0.00142	<0.00142	<0.00142	6.67E-10	--	--	6.67E-10	0.00	--	--	--	--	0.00
Sanitary Sewer	SS2-6.0	6.0	12/4/18	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD3-3.0	3.0	12/5/18	0.106	0.00179	0.00151	<0.00137	<0.00137	3.93E-08	2.98E-10	--	3.96E-08	0.00	0.00	0.00	--	--	0.00
Water Line	WL1-3.75	3.75	12/5/18	<0.00136	<0.00136	<0.00136	<0.00136	<0.00136	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD4-4.0	4.0	12/5/18	0.00335	<0.00121	<0.00121	<0.00121	<0.00121	1.24E-09	--	--	1.24E-09	0.00	--	--	--	--	0.00
Water Line	WL2-3.75	3.75	12/5/18	<0.00135	<0.00135	<0.00135	<0.00135	<0.00135	--	--	--	--	--	--	--	--	--	--
Storm Drain	SD5-3.0	3.0	12/5/18	0.00288	<0.0018	<0.0018	<0.0018	<0.0018	1.07E-09	--	--	1.07E-09	0.00	--	--	--	--	0.00
Storm Drain	SD6-3.0	3.0	12/5/18	<0.00158	<0.00158	<0.00158	<0.00158	<0.00158	--	--	--	--	--	--	--	--	--	--
Screening Levels																		
Commercial ESLs for 1E-6 Cancer Risk[1]				2.7	6.0	--	--	0.15	--	--	--	--	--	--	--	--	--	--
Commercial ESLs for Non-Carcinogenic HQ of 1.0[2]				390	19	370	300	200	--	--	--	--	--	--	--	--	--	--
Leaching to Groundwater ESL (Drinking Water Resource)[3]				0.080	0.085	0.19	0.65	0.0015	--	--	--	--	--	--	--	--	--	--

Notes:
mg/kg: milligrams per kilogram (as dry weight)
--: Not applicable/Not available
<: Less than a laboratory-reporting limit of
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
CE: Chloroethene (aka vinyl chloride)
HHRA: Human health risk assessment
HQ: Hazard quotient
HI: Hazard index
aka: also known as
BOLD: Bold if concentration exceeds screening level, cumulative carcinogenic risk is >1E-6 or HI is >1.0
ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), July 2025.

[1]: Table S-1; Commercial/Industrial Shallow Soil Exposure - Cancer Risk for combined ingestion, inhalation and dermal

[2]: Table S-1; Commercial/industrial Shallow Soil Exposure - Non Cancer Hazard for combined ingestion, inhalation and dermal

[3]: Table S-3; Leaching to Groundwater - Drinking Water Resource

Non-detect values are not included in the HHRA
The cancer risk and non-cancer hazard index are calculated by summing the individual risk across multiple chemicals with no thresholds

TABLE 2-6
SUMMARY OF SOIL CVOC GAS CVOC ANALYTICAL RESULTS AND HUMAN HEALTH RISK - LAST FOUR EVENTS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Concentration			Cancer Risk				Non-Cancer Hazard			
			PCE	TCE	cis-1,2-DCE	PCE	TCE	cis-1,2-DCE	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	Cumulative Hazard
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HI
Commercial ESLs for 1E-6 Cancer Risk			67	100	--	--	--	--	--	--	--	--	--
Commercial ESLs for Non-Carcinogenic HQ of 1.0			5,800	290	5,800	--	--	--	--	--	--	--	--
VP-1	4.875 to 5.0	12/18/23	24.8	<5.37	<3.97	3.70E-07	--	--	3.70E-07	0.00	--	--	0.00
		3/18/24	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	**68.9**	<5.37	<3.97	1.03E-06	--	--	**1.03E-06**	0.01	--	--	0.01
		9/24/24	62.1	<5.37	<3.97	9.27E-07	--	--	9.27E-07	0.01	--	--	0.01
		12/19/24	54.6	<5.37	<3.97	8.15E-07	--	--	8.15E-07	0.01	--	--	0.01
		3/25/25	--	--	--	--	--	--	--	--	--	--	--
VP-2	4.875 to 5.0	12/18/23	**160,000**	**22,200**	**33,200**	2.39E-03	2.22E-04	--	**2.61E-03**	27.59	76.55	5.72	**110**
		3/18/24	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	**916**	77.8	37.2	1.37E-05	7.78E-07	--	**1.44E-05**	0.16	0.27	0.01	0.43
		9/24/24	**157**	17.6	10.6	2.34E-06	1.76E-07	--	**2.52E-06**	0.03	0.06	0.00	0.09
		12/19/24	**36,100**	**302**	106	5.39E-04	3.02E-06	--	**5.42E-04**	6.22	1.04	0.02	**7.28**
		3/25/25	--	--	--	--	--	--	--	--	--	--	--
VP-3	4.875 to 5.0	3/18/24	42.7	<6.72	<4.96	6.37E-07	--	--	6.37E-07	0.01	--	--	0.01
		6/18/24	34.9	<5.37	<3.97	5.21E-07	--	--	5.21E-07	0.01	--	--	0.01
		9/24/24	<10.2	<8.06	<5.95	--	--	--	--	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/25/25	--	--	--	--	--	--	--	--	--	--	--
VP-5	4.875 to 5.0	6/18/24	<6.78	<5.37	4.08	--	--	--	--	--	--	0.00	0.00
		9/24/24	<10.2	<8.06	<5.95	--	--	--	--	--	--	--	--
		12/18/24	13.2	<5.37	<3.97	1.97E-07	--	--	1.97E-07	0.00	--	--	0.00
		3/25/25	59.7	14.8	25.5	8.91E-07	1.48E-07	--	**1.04E-06**	0.01	0.05	0.00	0.07
VP-6	4.875 to 5.0	11/12/21	**900**	5.60	<40	1.34E-05	5.60E-08	--	**1.35E-05**	0.16	0.02	--	0.17
		3/9/22	--	--	--	--	--	--	--	--	--	--	--
		6/28/22	--	--	--	--	--	--	--	--	--	--	--
		9/30/22	**110**	<1.1	<40	1.64E-06	--	--	**1.64E-06**	0.02	--	--	0.02
		12/23/22	--	--	--	--	--	--	--	--	--	--	--
		12/18/23	**1,620**	6.23	<3.97	2.42E-05	6.23E-08	--	**2.42E-05**	0.28	0.02	--	0.30
		3/18/24	--	--	--	--	--	--	--	--	--	--	--
		6/18/24	--	--	--	--	--	--	--	--	--	--	--
		9/24/24	--	--	--	--	--	--	--	--	--	--	--
		12/19/24	--	--	--	--	--	--	--	--	--	--	--
		3/25/25	**70.7**	<5.37	<3.97	1.06E-06	--	--	**1.06E-06**	0.01	--	--	0.01
VP-7	4.875 to 5.0	6/18/24	<6.78	<5.37	<3.97	--	--	--	0.00E+00	--	--	--	0.00
		9/24/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
			<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/26/25	40.8	<5.37	<3.97	6.09E-07	--	--	6.09E-07	0.01	--	--	0.01

TABLE 2-6
SUMMARY OF SOIL CVOC GAS CVOC ANALYTICAL RESULTS AND HUMAN HEALTH RISK - LAST FOUR EVENTS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Sample ID	Depth	Date	Concentration			Cancer Risk				Non-Cancer Hazard			
			PCE	TCE	cis-1,2-DCE	PCE	TCE	cis-1,2-DCE	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	Cumulative Hazard
	(feet)		(µg/m^3)	(µg/m^3)	(µg/m^3)	Risk	Risk	Risk	Risk	HQ	HQ	HQ	HI
Commercial ESLs for 1E-6 Cancer Risk			67	100	--	--	--	--	--	--	--	--	--
Commercial ESLs for Non-Carcinogenic HQ of 1.0			5,800	290	5,800	--	--	--	--	--	--	--	--
VP-8	4.875 to 5.0	6/18/24	41.2	<5.37	<3.97	6.15E-07	--	--	6.15E-07	0.01	--	--	0.01
		9/24/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/26/25	15.9	<5.37	<3.97	2.37E-07	--	--	2.37E-07	0.00	--	--	0.00
VP-9	4.875 to 5.0	9/24/24	**732**	<8.06	<5.95	1.09E-05	--	--	**1.09E-05**	0.13	--	--	0.13
		12/20/24	**101**	<5.37	<3.97	1.51E-06	--	--	**1.51E-06**	0.02	--	--	0.02
		12/20/24	**96.8**	<5.37	<3.97	1.44E-06	--	--	**1.44E-06**	0.02	--	--	0.02
		3/26/25	**77.3**	<5.37	<3.97	1.15E-06	--	--	**1.15E-06**	0.01	--	--	0.01
			77.2	<5.37	<3.97	1.15E-06	--	--	**1.15E-06**	0.01	--	--	0.01
VP-10	4.875 to 5.0	6/18/24	54.9	<5.37	<3.97	8.20E-07	--	--	8.20E-07	0.01	--	--	0.01
			49.4	<5.37	<3.97	7.38E-07	--	--	7.38E-07	0.01	--	--	0.01
		9/24/24	7.66	<5.37	<3.97	1.14E-07	--	--	1.14E-07	0.00	--	--	0.00
		12/19/24	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
		3/25/25	<6.78	<5.37	<3.97	--	--	--	--	--	--	--	--
VE-2	4.875 to 5.0	3/18/24	65.7	<5.37	<3.97	9.81E-07	--	--	9.81E-07	0.01	--	--	0.01
		6/18/24	46.4	<5.37	<3.97	6.92E-07	--	--	6.92E-07	0.01	--	--	0.01
		9/24/24	--	--	--	--	--	--	--	--	--	--	--
		12/20/24	13.4	<5.37	14.7	2.00E-07	--	--	2.00E-07	0.00	--	0.00	0.00
		3/25/25	24.0	<5.37	5.83	3.58E-07	--	--	3.58E-07	0.00	--	0.00	0.01

Notes:

ppbV: parts per billion by volume

µg/m³: micrograms per cubic meter

--: Not applicable

<5.37: Less than a laboratory-reporting limit of 5.37

PCE: Tetrachloroethene

TCE: Trichloroethene

DCE: Dichloroethene

HQ: Hazard quotient

HI: Hazard index

BOLD: Bold if concentration exceeds screening level, cumulative carcinogenic risk is >1E-6 or HI is >1.0

ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), Table SG-1, July 2025

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1S	15 to 25	8/13/08	706	74.0	41.3	0.727	<0.50	1.25	--	--	<0.50	<0.50	--
		12/4/09	5,150	72.7	<0.500	<0.500	<0.500	<0.500	<0.500	0.575	<0.500	<0.500	--
		3/23/10	1,850	<0.500	339	1.41	<0.500	7.71	<0.500	<0.500	<0.500	0.795	--
		3/23/10	2,000	<0.500	314	1.23	<0.500	7.40	<0.500	<0.500	<0.500	0.710	dup.
		6/15/10	4,920	8.90	6.48	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	547	<0.500	3.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	109	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	5,380	21.4	12.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	93	4.0	2.8	<0.50	<0.50	<0.50	<0.50	4.4	61	<0.50	--
		12/9/11	841	5.45	2.35	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1,540	4.83	5.56	2.85	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1,300	3.77	6.26	2.15	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		6/8/12	95.5	2.06	<0.500	<0.500	<0.500	2.23	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	13.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	11.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CLS-Split
		8/21/12	5.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CRWQCB
		11/19/12	7.98	3.000	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	5.94	1.68	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	450	7.5	3.8	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	550	7.7	4.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		9/30/13	770	8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1S	15 to 25	9/11/15	150	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.90	<0.50	--
		12/18/15	35	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15	37	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/25/16	66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	110	1.1	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	35	0.77	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	43	0.51	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	93	1.9	4.9	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	110	0.57	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	12	<0.50	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	36	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	--
		3/26/20	21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	--	--	--	--	--	--	--	--	--	--	--
		8/12/20	7.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	21	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	21	1.30	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	19	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1S	15 to 25	6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		6/5/23	9.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	1.24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		12/19/23	4.38	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		3/19/24	1.38	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	1.58	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		6/19/24	0.760	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		9/25/24	0.550	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	0.610	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		1/2/25	1.37	<0.500	0.730	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		1/2/25	1.48	<0.500	0.720	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	dup.
		3/26/25	0.610	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-1D	40-50	5/2/17	65	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	66	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/27/17	210	4.7	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	430	17	6.1	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	67	2	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	210	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	190	4.1	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	55	2.2	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	23	0.75	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	25	0.73	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/3/19	110	9.8	12	<0.50	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	130	7.6	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	44	0.52	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	--
		3/26/20	24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-1D	40-50	6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	27	2.3	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	9.2	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	14	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	140	5.6	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	110	4.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	200	7.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	290	5.7	0.97	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	250	7.5	0.66	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	110	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	242	5.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/5/23	630	13	0.81	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	220	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	22.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	14.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	23.2	1.32	6.21	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	16.6	0.84	2.77	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	9.60	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	13.3	<0.500	1.63	<0.500	0.570	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-2S	40-50	8/13/08	3.00	2.52	31	<0.50	<0.50	<0.50	na	na	<0.50	<0.50	--
		12/4/09	8.29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	5.9	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	98.7	4.39	4.07	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	65.7	<0.500	3.14	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	21.3	1.09	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	376	11.7	5.04	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	100	14	4.6	<0.50	<0.50	<0.50	<0.50	1.6	51	<0.50	--
		12/9/11	63.8	7.67	1.89	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/9/11	74.4	8.61	2.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		3/29/12	23.2	3.18	2.14	1.09	<0.500	<0.500	<0.500	<0.500	<0.500	1.47	--
		6/8/12	84.8	6.94	<0.500	<0.500	<0.500	2.69	<0.500	<0.500	<0.500	<0.500	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-2S	22.5-32.5	8/21/12	44.1	3.22	1.67	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	48	2.7	1.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CLS-Split
		8/21/12	20.8	2.3	1.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CRWQCB
		11/19/12	1.38	<0.500	0.877	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	1.11	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	67	2.5	1.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	86	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	33	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/10/13	33	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/6/14	6.2	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	5.2	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<0.50	--
		12/18/15	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/21/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	34	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	31	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/21/17	9.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-2S	22.5-32.5	6/3/19	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/24/19	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	--
		3/26/20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/26/20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	--
		9/24/20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	8.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	1.06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	0.96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	0.94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-2D	39.5-49.5	5/2/17	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	27	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-2D	39.5-49.5	12/6/18	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	7.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5	<0.50	--
		3/26/20	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53 J	<0.50	<0.50	--
		9/24/20	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	--
		9/24/21	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	29	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	4.08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.57	<2.50	<0.5	--
		12/19/23	3.77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	<2.50	<0.5	dup.
		3/19/24	1.19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	0.94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		6/19/24	0.93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	dup.
		9/25/24	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.59	<2.50	<0.5	--
		9/25/24	0.59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	<2.50	<0.5	dup.
		1/2/25	0.620	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.580	<2.50	<0.500	--
		1/2/25	0.710	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.540	<2.50	<0.500	dup.
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.530	<2.50	<0.500	--
LW-MW-5S	19-29	8/13/08	85.1	3.5	2.00	<0.50	<0.50	<0.50	na	na	<0.50	<0.50	--
		12/4/09	<0.500	11.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5S	19-29	3/23/10	<0.500	26.5	38.2	<0.500	3.22	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	1400	28.1	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	480	11	11.5	<0.500	<0.500	<0.500	<0.500	1.07	<0.500	<0.500	--
		9/8/10	448	10.6	11.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		12/16/10									Not sampled - covered with 5 feet of snow		
		5/11/11	625	2.74	1.13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	750	14	8.4	0.19	<0.50	<0.50	<0.50	<0.50	44	<0.50	--
		9/29/11	600	13	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	37	<0.50	dup.
		12/9/11	964	23.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	225	4.81	4.04	2.23	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	931	37.6	<0.500	<0.500	<0.500	37.8	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	5.06	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	6.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CLS-Split
		8/21/12	3.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	CRWQCB
		11/19/12	6.99	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	3.72	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	2.57	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		7/30/13	59	1.7	0.93	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	81	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	150	2.1	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/17/14	8.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/12/15	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15	34	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	180	3.3	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5S	19-29	6/21/16	40	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	<0.50	--
		9/28/16	31	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		5/2/17	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		4/4/18	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/19/19	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	--
		3/26/20									Not sampled - covered with snow and ice		
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	7.4	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	--
		9/24/20	5.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	7.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	18	0.75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	19	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	1.2	0.75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5S	19-29	6/5/23	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/20/23	22.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	18.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/18/24	52.2	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/25/24	37.2	0.62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/3/25	17.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	4.22	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	4.38	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	dup.
LW-MW-5D	40.5-50.5	5/2/17	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/20									Not sampled - covered with snow and ice		
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53 J	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-5D	40.5-50.5	6/5/23	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	<5.0	<0.50	--
		9/27/23	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/20/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.71	<2.50	<0.5	--
		3/19/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<2.50	<0.5	--
		6/18/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	<2.50	<0.5	--
		9/25/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.69	<2.50	<0.5	--
		1/3/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.580	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-9S	10-25	12/4/09	324	12.7	19.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	174	<0.500	7.78	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	162	7.57	22.5	<0.500	<0.500	<0.500	<0.500	1.32	<0.500	<0.500	--
		6/15/10	172	8.04	24.5	<0.500	<0.500	<0.500	<0.500	1.29	<0.500	<0.500	dup.
		9/8/10	2.18	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	89.8	4.64	17.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	89.6	4.51	18.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		5/11/11	30.6	0.509	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	64	<0.50	--
		12/9/11	7.64	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1.15	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	0.657	<0.500	0.596	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	5.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	4.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-9S	10-25	6/12/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15									Not sampled - covered by snow and ice		
		3/25/16	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<0.50	dup.
		9/28/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/20/16	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/28/19	2.5	<0.50	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	2.3	<0.50	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/3/19	8.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	6.6	1.1	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	--
		3/26/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	170	3.7 J	2.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
		9/24/20	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
		3/23/21	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	57	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	190	4.7	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-9S	10-25	11/10/21	84	1.7	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		11/10/21	86	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	35	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	279	3.35	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		3/19/24	428	6.68	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		6/18/24	227	3.39	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--
		9/23/24	736	11.6	<10	<10	<10	<10	<10	<10	<50	<10	--
		1/2/25	1.55	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	1.81	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-10S	--	12/4/09	15.8	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/4/09	10.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		3/23/10	1.04	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	63.8	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	23.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	7.57	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.09	<0.500	<0.500	--
		5/11/11	8.59	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	4.93	<0.500	<0.500	--
		9/29/11	13	0.18	<0.50	<0.50	<0.50	<0.50	<0.50	0.32	56	<0.50	--
		12/9/11	6.82	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1.42	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	3.56	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.08	<0.500	<0.500	--
		8/21/12	2.02	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	4.45	<0.500	<0.500	--
		11/19/12											well destroyed
LW-MW-10SR	10-25	7/30/13	0.89	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.7	<0.500	<0.500	--
		9/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.1	<1.0	<1.0	--
		9/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	<1.0	<1.0	--
		12/10/13	0.65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-10SR	10-25	3/6/14	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	--
		3/6/14	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.63	<0.50	<0.50	--
		6/26/14	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<0.50	<0.50	--
		9/17/14	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	4.1	<0.50	<0.50	--
		12/16/14	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	--
		3/26/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	--
		12/18/15	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	<0.50	--
		12/20/16	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<0.50	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	2.4	<0.50	<0.50	--
		6/25/18	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	<0.50	--
		12/6/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	4.4	<0.50	<0.50	--
		3/28/19	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	--
		12/19/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4	<0.50	<0.50	--
		3/26/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	2.6	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	0.26 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	2.6	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	2.3	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-10SR	10-25	9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	0.57	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		3/19/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		6/18/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		9/24/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/25/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-11S	10-25	12/4/09	42.9	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	32.5	1.08	3.63	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	28.3	<0.500	0.909	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	14.8	<0.50	0.83	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	2.63	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	1.33	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	0.68	0.27	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	36	<0.50	--
		12/9/11	18.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	1.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	2.13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.547	<0.500	<0.500	--
		8/21/12	2.14	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.97	<0.500	<0.500	--
		11/19/12	6.19	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13	4.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		7/30/13	4.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.4	<0.500	<0.500	--
		9/30/13	4.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	--
		12/10/13	8.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	<0.50	<0.50	--
		3/6/14	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<0.50	--
		6/26/14	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-11S	10-25	9/17/14	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<0.50	<0.50	--
		12/16/14	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/26/15										Not sampled - Wellhead Damaged	
		6/12/15	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	--
		6/12/15	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	dup.
		9/11/15	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	0.76	<0.50	--
		12/18/15	3.8	<0.50	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	0.66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		6/25/18	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<0.50	--
		3/28/19	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	--
		12/19/19	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	dup.
		3/26/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	1.8	<0.50	<0.50	dup.
		8/12/20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	1.6	<0.50	<0.50	--
		9/24/20	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	--
		9/24/20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	dup.
		11/19/20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		3/23/21	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-11S	10-25	6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/24/21	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/20/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	2.13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/18/24	0.79	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/24/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.00	<2.50	<0.5	--
		1/3/25	0.980	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.12	<2.50	<0.500	--
		3/26/25	0.990	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.530	<2.50	<0.500	--
LW-MW-12S	10-25	12/4/09	10.7	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	34.3	<0.50	0.613	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/15/10	314	1.4	1.46	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	824	<0.50	4.31	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10									Not sampled; covered with 12 feet of snow		
		5/11/11	105	0.651	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	95.4	0.586	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		9/29/11	23	0.35	0.12	<0.50	<0.50	<0.50	<0.50	<0.50	54	<0.50	--
		12/9/11	25.1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12								Not sampled; covered with 12-foot high pile of snow			
		6/8/12	7.89	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	2.45	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-12S	10-25	3/11/13									Not sampled; covered with high pile of snow		
		7/30/13	35	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13									Not sampled - well covered with snow		
		3/6/14	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	6.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	dup.
		12/18/15									Not sampled - Covered by Snow and Ice		
		3/25/16	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	--
		9/28/16	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16										Not sampled - well frozen	
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17									Not sampled, snow pile prevented access		
		4/4/18									Not sampled, snow pile prevented access		
		6/25/18	0.97	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		12/6/18										Not sampled - covered with snow	
		3/28/19									Not sampled - covered with snow and ice		
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19									Not sampled - covered with snow and ice		
		3/26/20									Not sampled - covered with snow and ice		
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-12S	10-25	3/23/21									Not sampled - covered with snow and ice		
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	dup.
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/17/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/23/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	0.880	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
LW-MW-13S	10-25	12/4/09	17	<0.50	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/23/10	65.2	<0.500	2.92	<0.500	<0.500	<0.500	<0.500	<0.500	0.784	<0.500	--
		6/15/10	14.1	0.603	0.627	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	4.86	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	3.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	39	<0.50	--
		12/9/11	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	1.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		8/21/12	2.16	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-13S	10-25	11/19/12	2.33	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	2.18	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		3/11/13											--
		7/30/13	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.7	<0.500	<0.500	--
		9/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		12/10/13									Not sampled - well covered with snow		
		3/6/14	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.63	<0.50	<0.50	--
		9/17/14	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1	<0.50	<0.50	--
		9/17/14	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	dup.
		12/16/14	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	3.1	<0.50	<0.50	--
		3/26/15	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	<0.50	--
		9/11/15	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	0.76	<0.50	--
		12/18/15									Not sampled - covered by Snow and Ice		
		3/25/16	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/21/16	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<0.50	--
		3/26/20									Not sampled - covered with snow and ice		

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
LW-MW-13S	10-25	6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	0.15 J	0.68 J	<0.50	<0.50	--
		9/24/20	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	--
		11/10/21	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	<5.0	<0.50	--
		4/4/22	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	0.71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/19/24	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	0.87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/24/24	0.81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/3/25	0.900	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	0.950	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
OS-1	10-25	3/24/10	91.2	1.41	0.989	<0.500	<0.500	<0.500	<0.500	<0.500	1.02	<0.500	--
		6/15/10	75.9	2.91	1.41	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/8/10	13.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		12/16/10	52.5	2.43	4.43	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		5/11/11	7.09	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/29/11	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	<0.50	--
		12/9/11	20.6	0.617	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/29/12	8.97	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	11.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		6/8/12	11.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	dup.
		8/21/12	6.32	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		11/19/12	34.9	1.84	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		3/11/13									Not sampled; covered with high pile of snow		
		7/30/13	26	1.7	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
		9/30/13	8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-1	10-25	12/10/13	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/6/14	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/26/14	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/17/14	10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/16/14	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/26/15	64	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/12/15	10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/11/15	9.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/18/15	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/25/16	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<0.50	--
		6/21/16	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/28/16	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/16	9.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		5/2/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/27/17	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/21/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		4/4/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/25/18	0.86	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/26/18	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/6/18	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/28/19	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	--
		3/26/20	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	0.89	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	--
		9/24/20	9.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	6.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<5.0	<0.50	--
		4/4/22	6.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-1	10-25	9/30/22	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	77	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	2.49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.03	<2.50	<0.5	--
		3/19/24	2.13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.84	<2.50	<0.5	--
		6/17/24	2.25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/23/24	4.20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	2.38	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.680	<2.50	<0.500	--
		3/26/25	2.44	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.680	<2.50	<0.500	--
OS-2S	8.5-23.5	11/7/18	51.3	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	48	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	23	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	--
		3/26/20	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		12/19/23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		3/20/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-2S	8.5-23.5	3/20/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		6/17/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		6/17/24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		9/23/24	1.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	--
		9/23/24	1.18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50	dup
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
OS-2M	42-48.0	11/7/18	1580	54.4	37.2	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	--
		3/28/19	860	45	53	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	730	34	38	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	320	14	17	<2.5	<2.5	<2.5	<2.5	12	<2.5	<2.5	--
		12/20/19	410	20	23	<2.5	<2.5	<2.5	<2.5	24	3.4	<2.5	--
		3/26/20	250	9.4	5.3	<2.5	<2.5	<2.5	<2.5	<2.5	2.7	<2.5	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	270	12	9.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
		9/24/20	280	11	8.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	290	13	13	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	220	9.3	4.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	410	22	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	480	25	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	450	21	14	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	490	18	10	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	210	7.1	6.2	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	250	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	240	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	327	13.8	9.2	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		3/20/24	385	12.3	8.39	<2.50	<2.50	<2.50	<2.50	<2.50	<12.5	<2.50	--
		6/17/24	296	9.88	11.6	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--
		9/23/24	217	8.48	16	<2.5	<2.5	<2.5	<2.5	<2.5	<12.5	<2.5	--
		1/2/25	275	9.52	7.34	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--
		3/26/25	263	9.26	5.99	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-3S	8.5-23.5	11/7/18	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/19/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	--
		3/26/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	--
		12/19/23	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		3/20/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		6/19/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		9/23/24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	--
		1/2/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/26/25	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
OS-3M	8.5-23.5	11/7/18	163	2.74	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	150	3	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	130	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	130	2.4	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	200	3.2	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	--
		3/26/20	210	3.7	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-3M	8.5-23.5	8/12/20	67	0.93 J	0.59 J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--
		9/24/20	72	1.3	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	110	2	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	150	2.9	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	63	0.96	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	41	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	290	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	230	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	dup.
		9/30/22	240	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		6/5/23	120	0.93	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	540	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	232	4.82	2.3	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	--
		3/20/24	212	3.92	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	--
		6/19/24	178	3.45	1.68	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	--
		9/23/24	22.5	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	--
		1/2/25	139	3.32	1.75	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--
		3/26/25	178	4.61	2.03	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--
		3/26/25	178	4.26	1.90	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	dup.
OS-4S	9-24	11/7/18	5.22	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	--
		3/28/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	--
		3/26/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/20	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-4S	9-24	11/10/21	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/5/23	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	7.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/20/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		6/19/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		9/23/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		1/2/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/26/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
OS-4M	33-43	11/7/18	540	11.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/7/18	446	9.88	6.26	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	dup.
		3/28/19	280	8.2	8.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/3/19	310	<0.50	8.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/19	290	8.5	7.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		12/20/19	330	8.1	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	--
		3/26/20	180	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	--
		6/29/20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		8/12/20	130	2.7	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
		9/24/20	140	2.6	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/19/20	140	3	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		3/23/21	94	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		6/18/21	76	1.6	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		9/24/21	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		11/10/21	22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		4/4/22	24	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		6/28/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
		9/30/22	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		12/23/22	8.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--

TABLE 3-3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - CVOCS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Well ID	Screened Interval	Date	Chlorinated VOCs										Notes
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,-DCE	BDCM	TCM	Methylene Chloride	1,1,1,2-TCA	
	(feet)		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
OS-4M	33-43	6/5/23	150	3.2	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
		9/27/23	110	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	--
		12/19/23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/20/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		6/19/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		9/23/24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		1/2/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
		3/26/25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Well Destroyed
AS-6	--	5/4/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-7	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-8	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-13	--	5/3/17	0.81	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-14	--	5/2/17	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	0.69	<0.50	<0.50	--
AS-19	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	0.59	<0.50	<0.50	--
AS-20	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<0.50	--
AS-21	--	5/3/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
AS-25	--	5/2/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	0.78	<0.50	<0.50	--
VE-2S	--	5/3/17	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	--
VE-3	--	5/4/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-4	--	5/3/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-5	--	5/3/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-10	--	5/4/17	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-11	--	5/3/17	<0.50	<0.50	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
VE-12	--	5/4/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<0.50	--
VE-13	--	5/4/17	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
		MCL	5.0	5.0	6.0	10.0	0.5	6.0	80	80	5.0	1.0	

Notes:

µg/l: Micrograms per liter
< 2.0: Not detected at or above the laboratory method detection limit
--: Not available, dry, or not sampled
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
CE: Chloroethene (aka vinyl chloride)
DCM: Dichloromethane (aka methylene chloride)
1,1,1,2-TCA: 1,1,1,2-Tetrachloroethane
TCM: Trichloromethane (aka chloroform)
MCL: Maximum Contaminant Limit
BDCM: BDCM: Bromodichloromethane

TABLE 3-4
SUMMARY OF INDOOR AIR ANALYTICAL RESULTS AND HUMAN HEALTH RISK
1022, 1024 and 1026 South Lake Tahoe Boulevard and 1032 Emerald Bay Road
South Lake Tahoe, California

Sample ID	Sample Description/Location	Chlorinated VOCs				HHRA							
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	PCE	TCE	Cumulative Cancer Risk	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Cumulative Non-Cancer Hazard
		(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	Risk	Risk	Risk	HQ	HQ	HQ	HQ	HI
1032 Emerald Bay Road (Wells Fargo Space)													
1032-V01	Foundational opening (men's restroom floor drain), southeast portion of space	0.514	<0.0537	<0.0397	<0.0396	2.57E-07	--	2.57E-07	0.00	--	--	--	0.00
1032-V02	Indoor air (customer area), northcentral portion of space	0.300	<0.0537	<0.0397	<0.0396	1.50E-07	--	1.50E-07	0.00	--	--	--	0.00
1032-V03	Indoor air (teller area), southern portion of space	0.222	<0.0537	<0.0397	<0.0396	1.11E-07	--	1.11E-07	0.00	--	--	--	0.00
1032-V10	Outdoor (RTU-2 Intake), eastern portion of roof	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
1026 South Lake Tahoe Boulevard (Large Vacant Space)													
1026-V04	Indoor air, north-central portion of space	0.079	<0.0537	<0.0397	<0.0396	3.95E-08	--	3.95E-08	0.00	--	--	--	0.00
122415-V13	Indoor air (V04/QAQC Duplicate), north-central portion of space	0.087	<0.0537	<0.0397	<0.0396	4.35E-08	--	4.35E-08	0.00	--	--	--	0.00
1026-V05	Indoor air, south-central portion of space	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
1026-V11	Outdoor (RTU supplying northwestern portion of space), westcentral portion of roof	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
1024 South Lake Tahoe Boulevard (Tahoe Suds Space)													
1024-V07	Indoor air, north-central portion of space	0.119	<0.0537	<0.0397	<0.0396	5.95E-08	--	5.95E-08	0.00	--	--	--	0.00
1024-V08	Indoor air, south-central portion of space	0.101	<0.0537	<0.0397	<0.0396	5.05E-08	--	5.05E-08	0.00	--	--	--	0.00
1022 South Lake Tahoe Boulevard (Small Vacant Space and Common Corridor)													
1022-V06	Foundational opening (common corridor fire riser), southwest corner of structure	0.122	<0.0537	<0.0397	<0.0396	6.10E-08	--	6.10E-08	0.00	--	--	--	0.00
1022-V09	Indoor air, central portion of space	0.110	<0.0537	<0.0397	<0.0396	5.50E-08	--	5.50E-08	0.00	--	--	--	0.00
1032-V12	Outdoor (RTU supplying central portion of space), western portion of roof	<0.0678	<0.0537	<0.0397	<0.0396	--	--	--	--	--	--	--	--
Screening Levels													
	Commercial ESLs for 1E-6 Cancer Risk[1]	2.0	3.0	--	--	--	--	--	--	--	--	--	--
	Commercial ESLs for Non-Carcinogenic HQ of 1.0[2]	180	8.8	180	180	--	--	--	--	--	--	--	--

Notes:

µg/m^3: micrograms per cubic meter

<: Less than a laboratory-reporting limit of

PCE: Tetrachloroethene

TCE: Trichloroethene

DCE: Dichloroethene

HHRA: Human health risk assessment

HQ: Hazard quotient

HI: Hazard index

BOLD: Bold if concentration exceeds screening level, cumulative carcinogenic risk is >1E-6 or HI is >1.0

ESL: California Regional Water Quality Control Board - San Francisco Bay Region, Environmental Screening Levels (ESLs), Table IA-1, July 2025

[1]: Table IA-1: Indoor Air Direct Exposure human health Screening Levels; Cacinogenic Endpoint

[2]: Table IA-1: Indoor Air Direct Exposure human health Screening Levels; Non-Cacinogenic Endpoint

Non-detect values are not included in the HHRA

The cancer risk and non-cancer hazard index are calculated by summing the individual risk across multiple chemicals with no thresholds

TABLE 3-5
SUMMARY OF REMEDIAL ACTION TARGET GOALS
Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Constituent	Groundwater [Note 1] (µg/L)	Soil		Soil Vapor	Indoor Air
		Commercial Soil [Note 2] (mg/kg)	Soil Leaching to Groundwater [Note 3] (mg/kg)	Commercial RWQCB-ESLs for Soil Gas [Note 4] (µg/m^3)	Commercial Air [Note 5] (µg/m^3)
PCE	5.0	2.7	0.080	67	2.0
TCE	5.0	6.0	0.085	100	3.0
cis-1,2-DCE	6.0	370	0.190	5,800	180
trans-1,2-DCE	10.0	300	0.65	5,800	180
VC	0.50	0.15	0.0015	5.20	0.16

Abbreviations:

µg/L: micrograms per liter

mg/kg: milligrams per kilogram

µg/m^3: micrograms per cubic meter

PCE: tetrachloroethene.

TCE: trichloroethene.

DCE: dichloroethene

VC: vinyl chloride

Notes:

1. California maximum contaminant level (MCL)

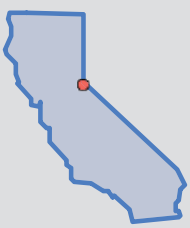
2. July 2025 Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) Environmental Screening Levels (ESLs), Table S-1 Soil direct Exposure Human Health Risk Screening Levels, Commercial/Industrial Land Use, Shallow Soil Exposure, Lowest of Cancer Risk or Non-carcinogenic Hazard

3. July 2025 SFRWQCB ESLs, Table S-3 Soil Leaching to Groundwater Screening Levels, Drinking Water

4. July 2025 SFRWQCB ESLs, Table SG-1 Subslab/Soil Gas Vapor Intrusion: Human Health Risk Values Screening Levels, Commercial/Industrial Final Screening Level

5. July 2025 SFRWQCB ESLs, Table IA-1 Indoor Air Direct Exposure Human Health Risk Screening Levels, Commercial/Industrial Final Screening Level

FIGURES



Latitude: 38.91244
Longitude: -120.00632

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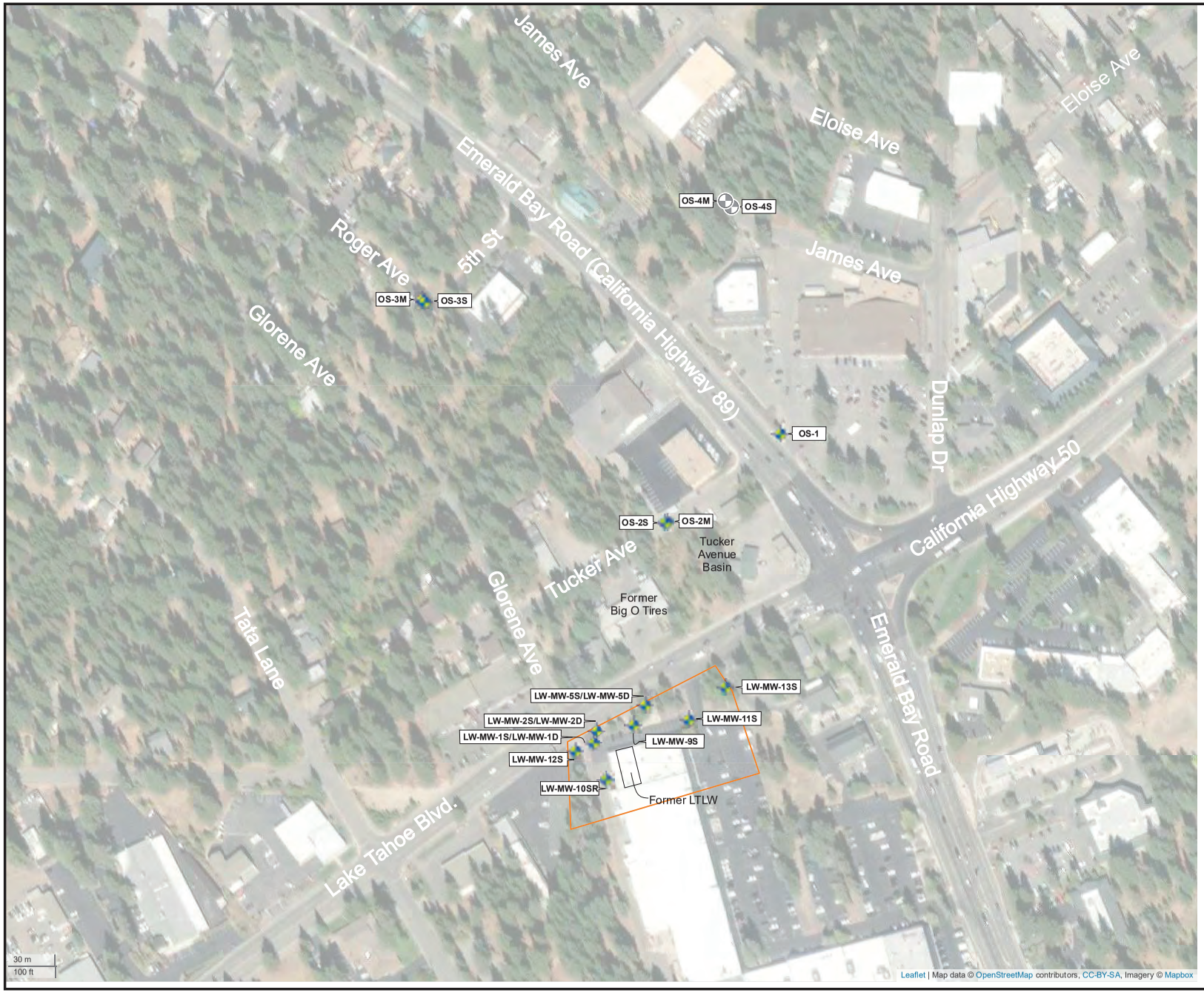
SITE LOCATION MAP

1024 Lake Tahoe Boulevard, South Lake Tahoe, California

Figure 1-1	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-1 — Groundwater Monitoring Well and ID

Latitude: 38.91343, Longitude: -120.00621

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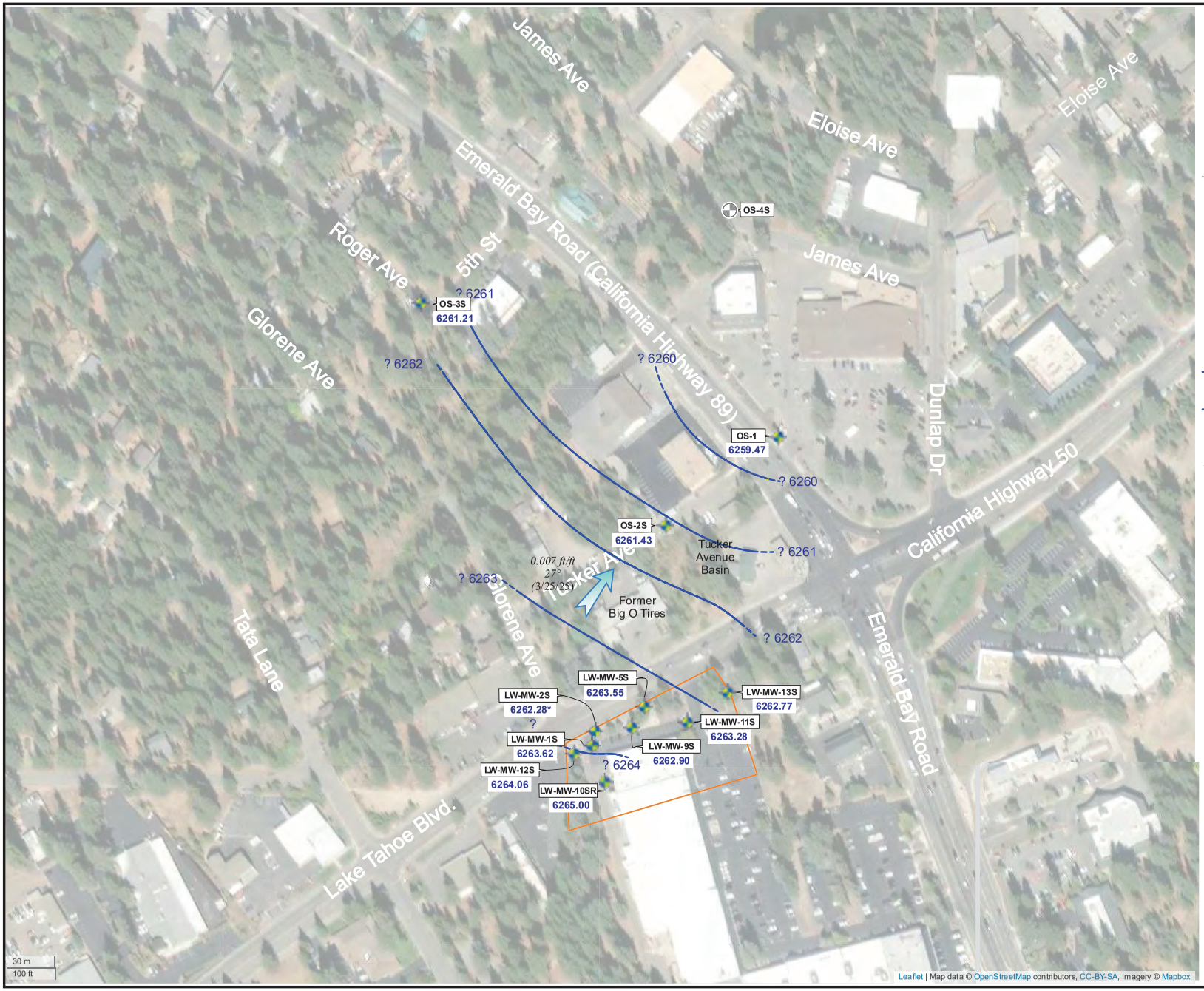
SITE PLAN AND VICINITY

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 1-2	July 2025



N
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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-1 / 6261.21 — Groundwater Monitoring Well ID (Shallow Zone); Groundwater Elevation (ft above MSL) Measured on 3/25/25
- Groundwater Elevation Contour Line (feet); Contour Interval = 1 feet
- ? — Dashed where inferred
- 0.007 ft/ft, 27°, (3/25/25) — Hydraulic Gradient (feet/feet); Groundwater Flow Direction (degrees); Measurement Date
- * — Groundwater Elevation for LW-MW2-S Not Used in Elevation Contours or Hydraulic Gradient Calculations

Latitude: 38.91343, Longitude: -120.00621

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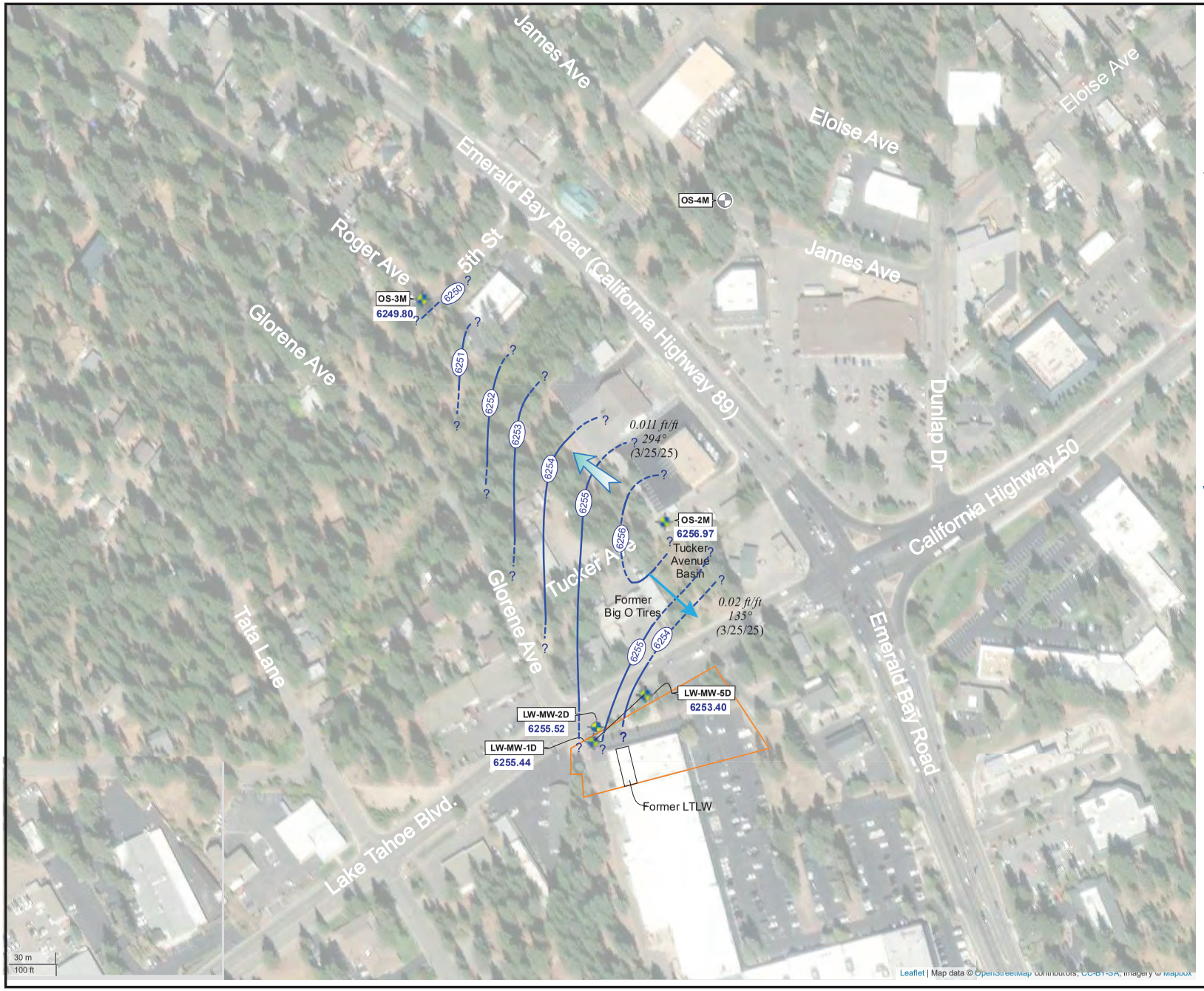
GROUNDWATER ELEVATIONS - SHALLOW ZONE, MARCH 25, 2025

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-1	August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-3M
6249.80
Groundwater Monitoring Well ID (Middle Zone)
Groundwater Elevation (ft above MSL)
Measured on 3/25/25

6253 — Groundwater Elevation Contour Line (feet)
Contour Interval = 1 feet

? Dashed where Inferred

0.011 ft/ft
294°
(3/25/25)
Hydraulic Gradient (feet/feet)
Groundwater Flow Direction (degrees)
Measurement Date

0.02 ft/ft
135°
(3/25/25)
Hydraulic Gradient (feet/feet)
Groundwater Flow Direction (degrees)
Measurement Date

Latitude: 38.91343, Longitude: -120.00621

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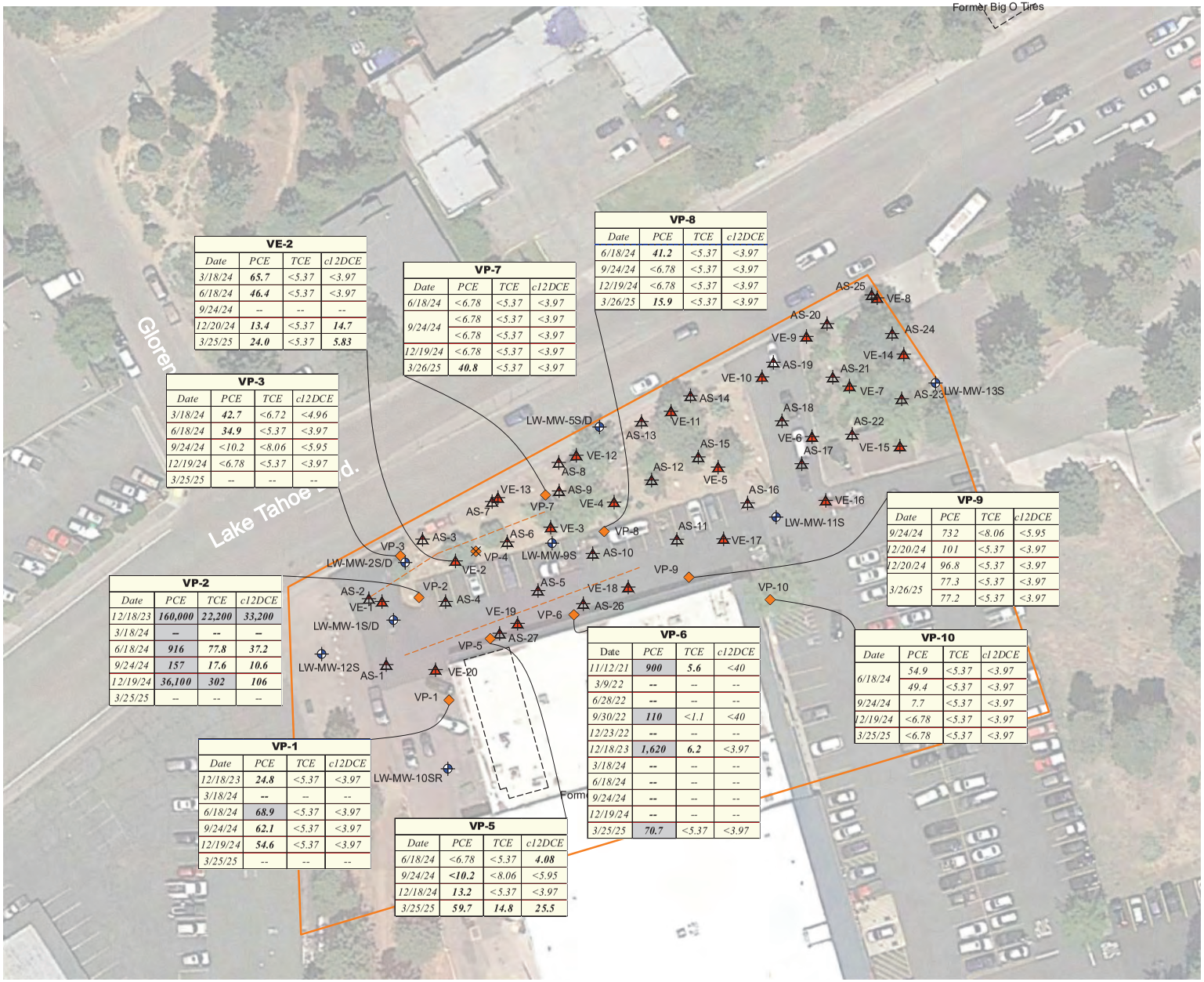
GROUNDWATER ELEVATIONS - MIDDLE ZONE, MARCH 25, 2025

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 2-2	August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- VP-10 — Soil Gas Probe Location
- VE-1 — Soil Vapor Extraction (SVE) Well Location
- AS-27 — Air Sparge Well Location
- Horizontal SVE Well Locations
- VP-4 — Lost Soil Gas Probe Location

- 70.7 — Grey - Concentration above Screening Level (µg/m³)
- **46.4** — Bold - Detected Concentration (µg/m³)
- <3.97 — Concentration Below Laboratory-Reporting Limit (µg/m³)

PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
µg/m³: Micrograms per Cubic Meter
VE-2 Sampled in Lieu of Lost VP-4 Soil Gas Probe

Basemap Source: Nv5, 2024
Latitude: 38.91343, Longitude: -120.00621

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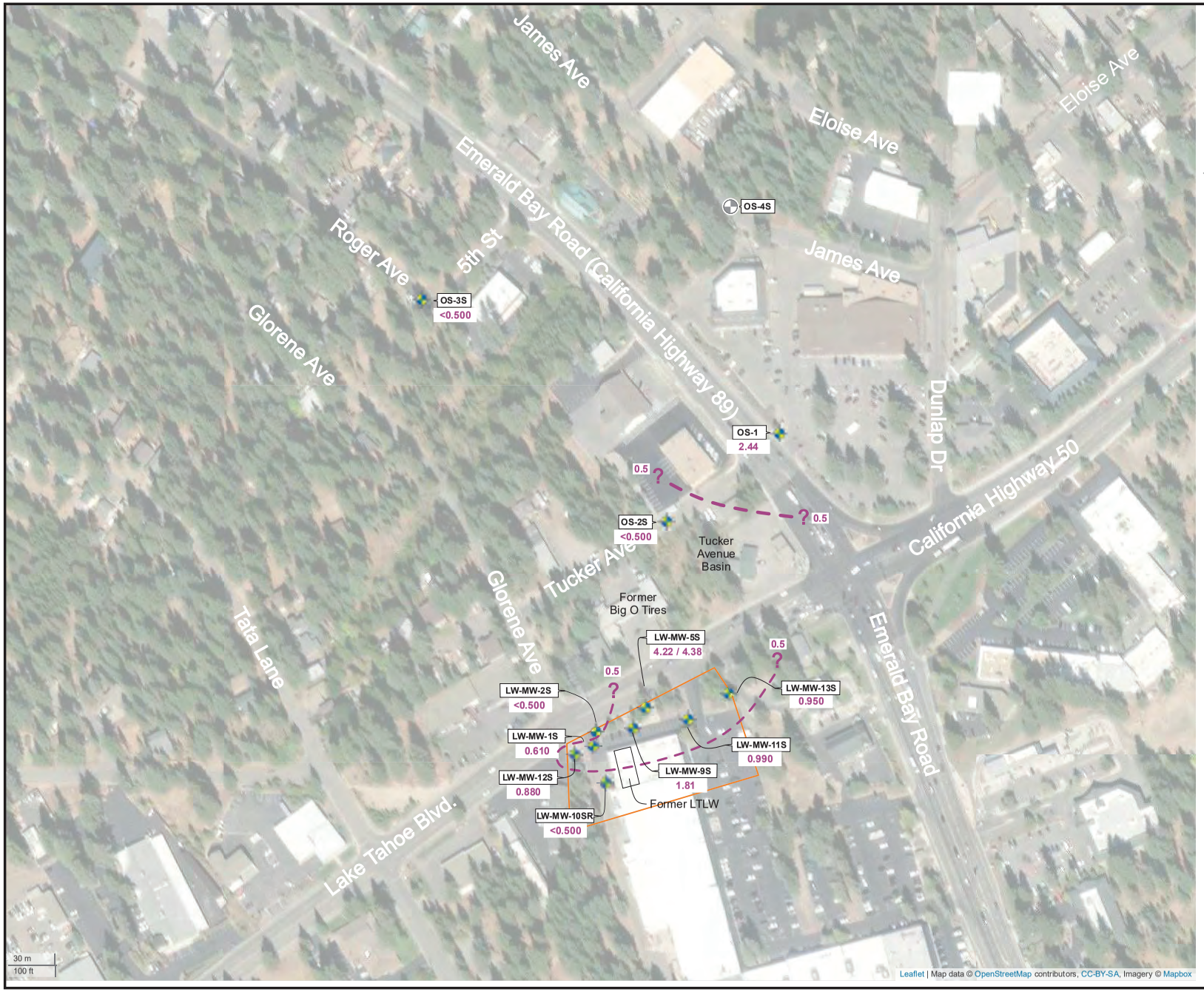
SOIL VAPOR ANALYTICAL RESULTS - PREVIOUS FOUR EVENTS

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-1 | August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-1 / 2.44 — Groundwater Monitoring Well ID (Shallow Zone) PCE Concentration (µg/L)

Line of Equal PCE Concentration in Groundwater at 0.5 µg/L
Dashed where Inferred

PCE: Tetrachloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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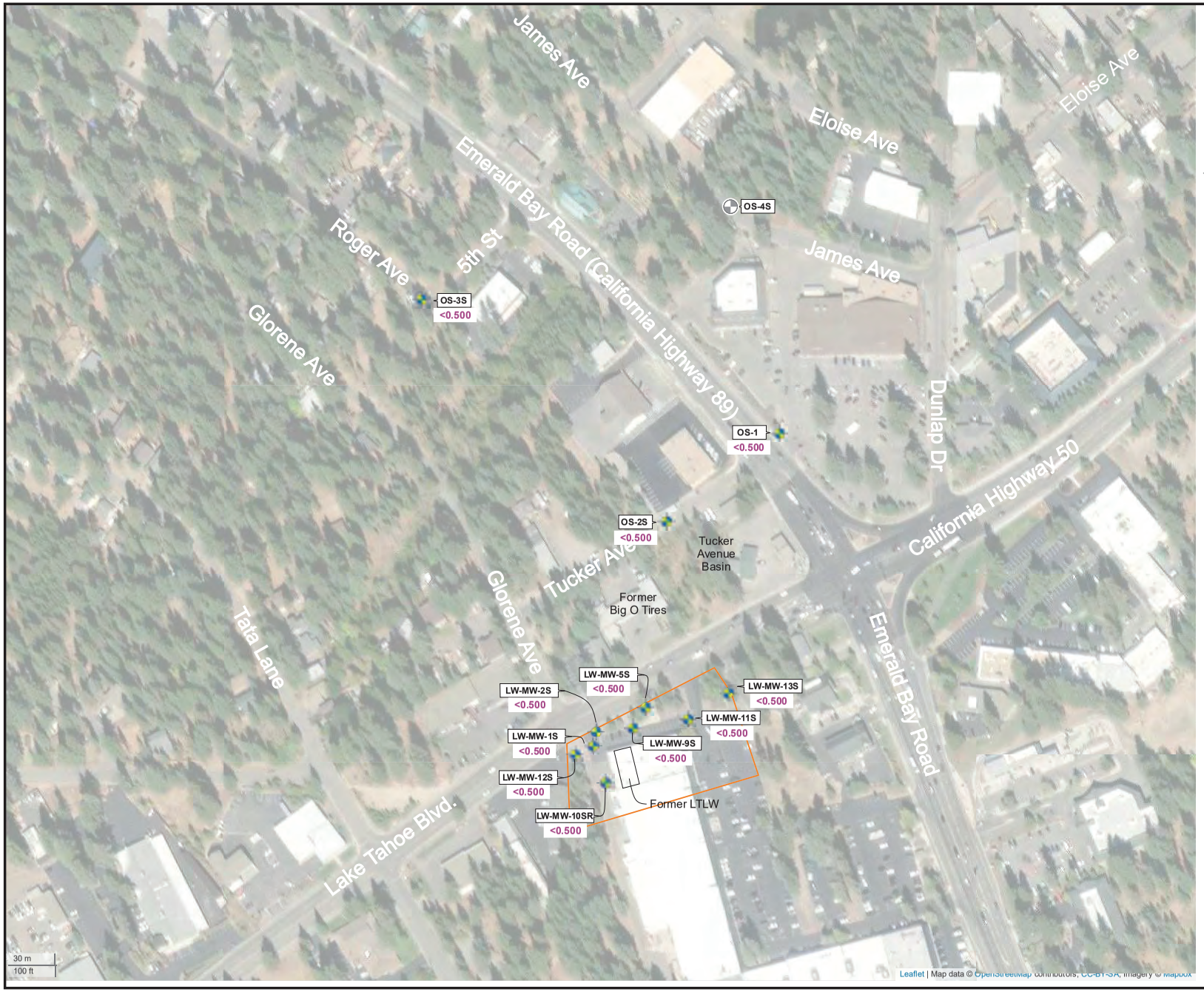
1Q25 PCE ISO-CONCENTRATIONS SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-2	August 2025



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W E
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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-1 <0.500 — Groundwater Monitoring Well ID (Shallow Zone) TCE Concentration (µg/L)

TCE: Trichoroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

Latitude: 38.91343, Longitude: -120.00621

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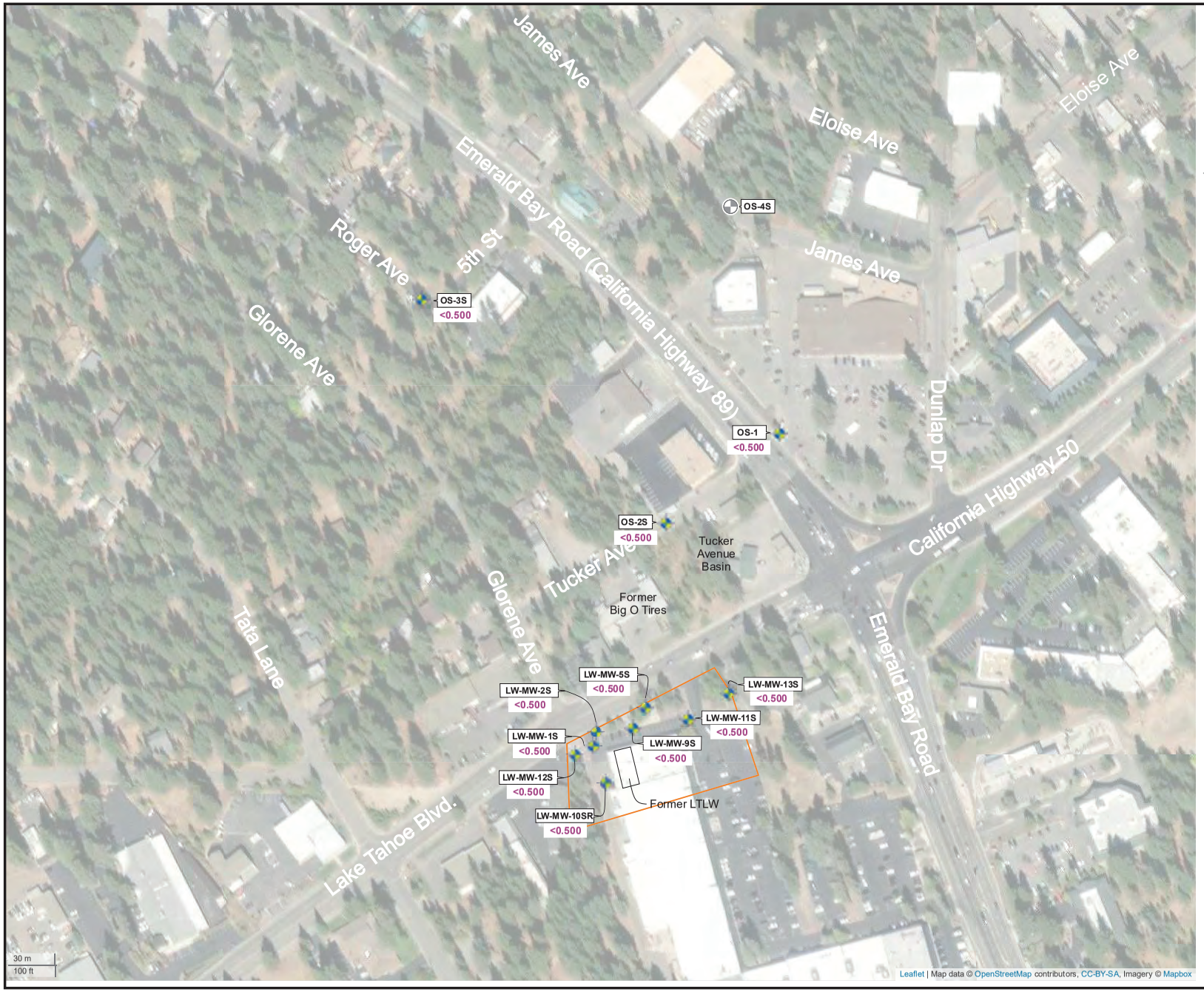
1Q25 TCE ISO-CONCENTRATIONS SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-3	August 2025



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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

OS-1 <0.500 — Groundwater Monitoring Well ID (Shallow Zone) cis-1,2-DCE Concentration (µg/L)

Line of Equal cis-1,2-DCE Concentration in Groundwater at 0.5 µg/L and 5.0 µg/L

Dashed where Inferred

cis-1,2-DCE: cis-1,2-Dichloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

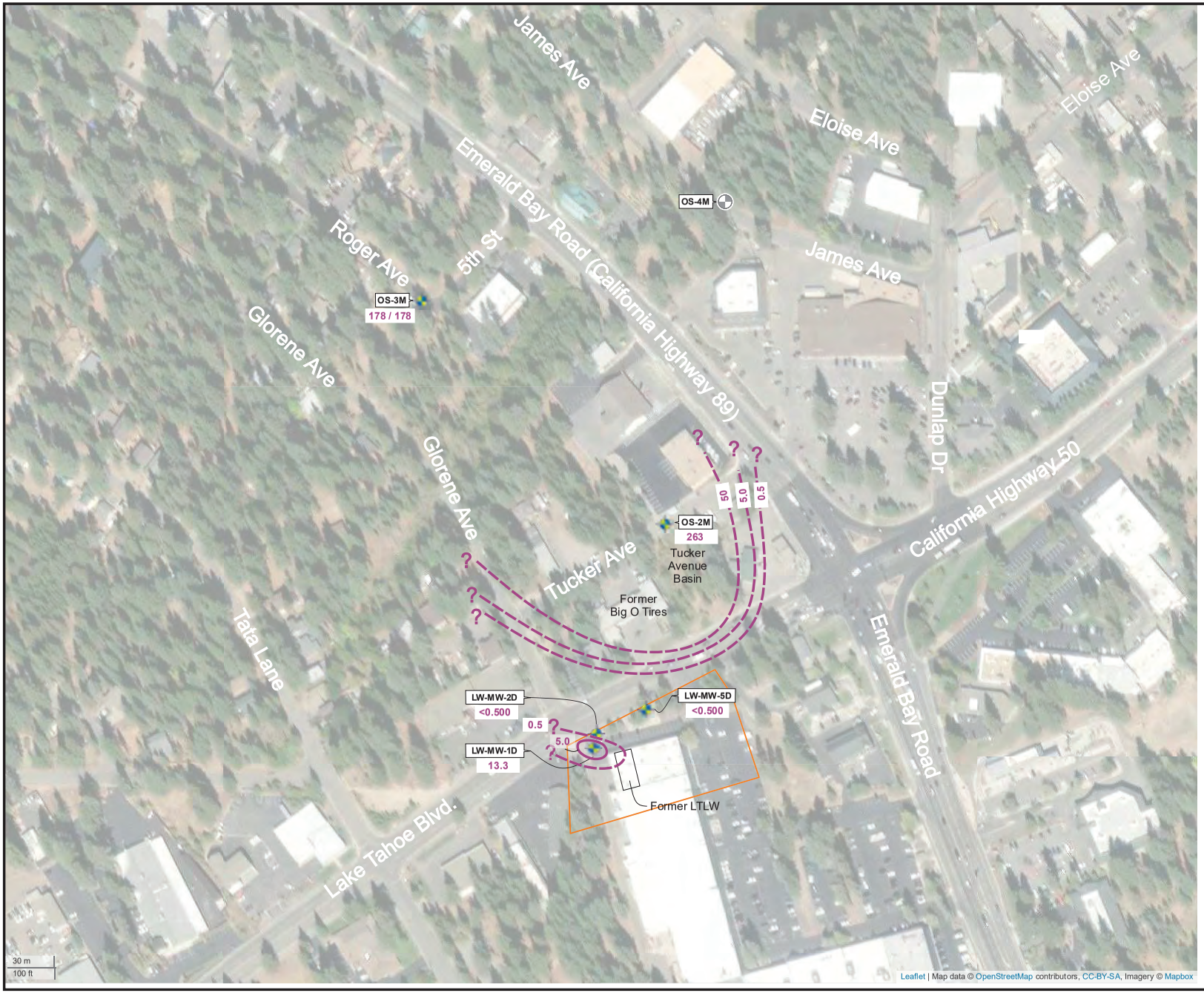
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

1Q25 CIS-1,2-DCE ISO-CONCENTRATIONS SHALLOW ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-4	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-3M, 178 / 178 — Groundwater Monitoring Well ID (Middle Zone); PCE Concentration (µg/L) - Primary and Duplicate Concentrations where Two Values are Presented
- Line of Equal PCE Concentration in Groundwater at 0.5, 5.0, and 50 µg/L
- Dashed where inferred

PCE: Tetrachloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

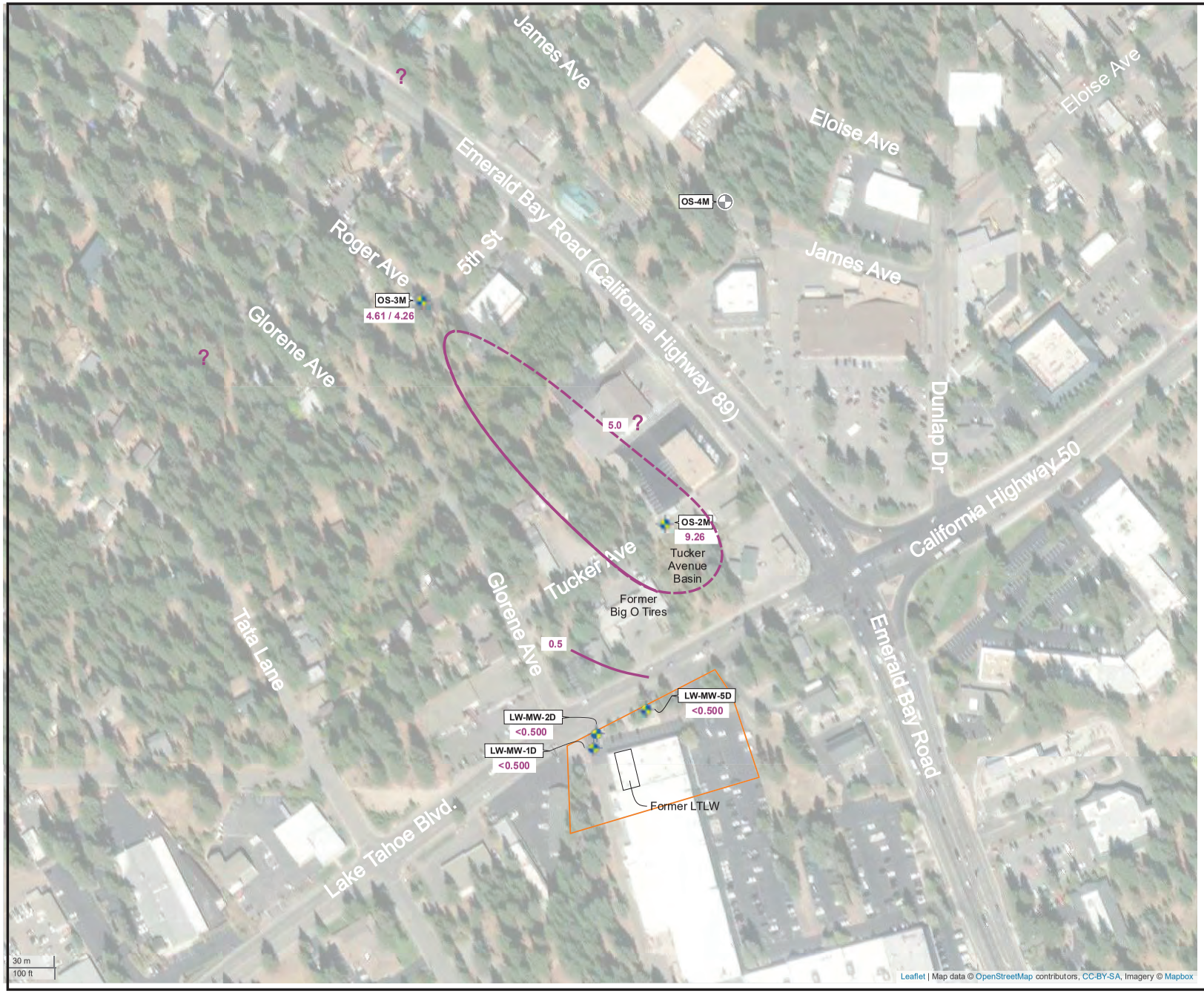
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

PCE CONTOURS MIDDLE ZONE GROUNDWATER 1Q25

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-5	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-3M — Groundwater Monitoring Well ID (Middle Zone)
  4.61 / 4.26 — TCE Concentration (µg/L) - Primary and Duplicate Concentrations where Two Values are Presented
- Line of Equal TCE Concentration in Groundwater at 0.5 µg/L and 5.0 µg/L
- Dashed where inferred

TCE: Trichoroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

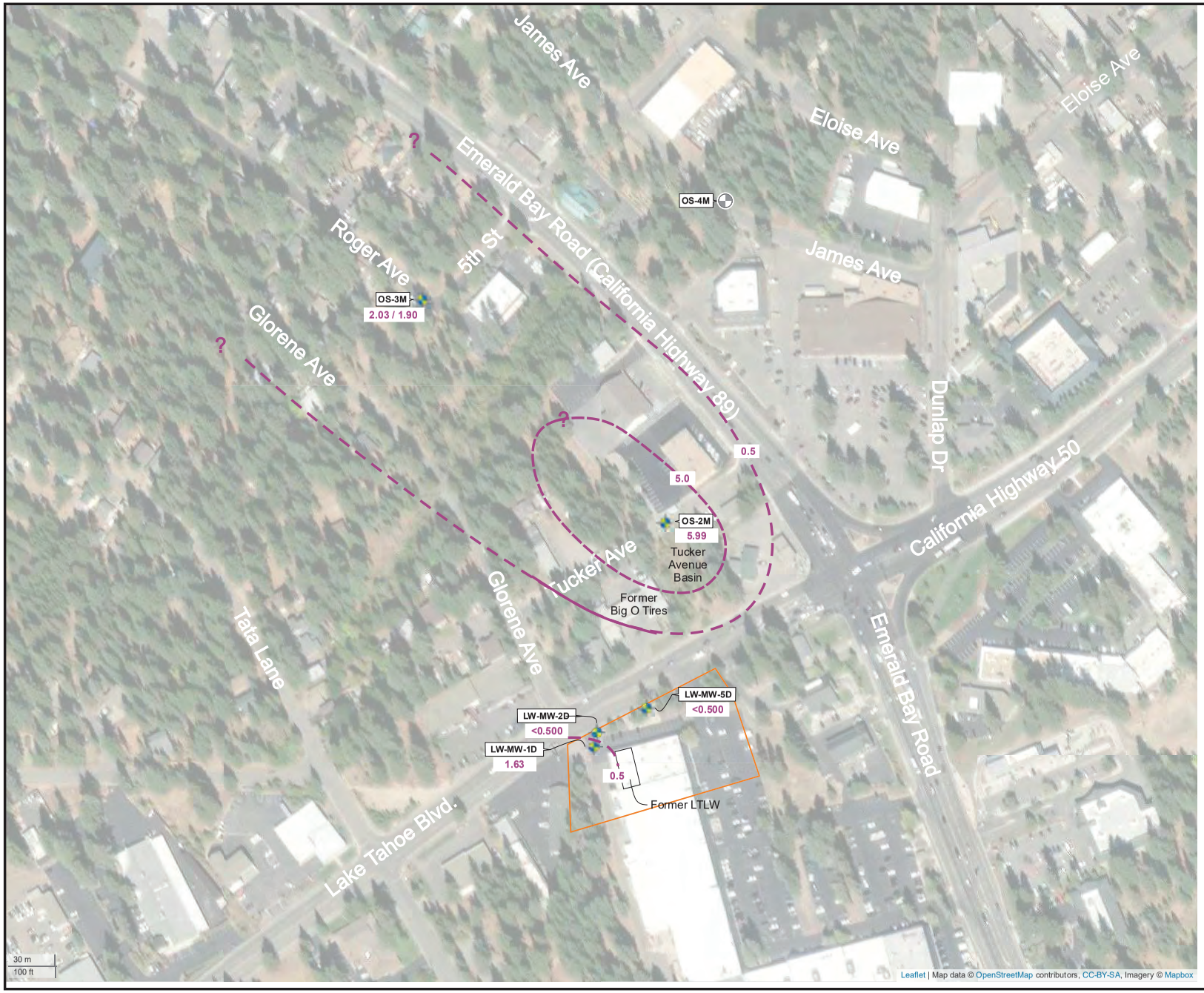
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

TCE CONTOURS MIDDLE ZONE GROUNDWATER 1Q25

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-6	August 2025



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Legend

- Lake Tahoe Laundry Works (LTLW) Site Boundary
- OS-4M — Destroyed Groundwater Monitoring Well and ID
- OS-3M / 1.75 — Groundwater Monitoring Well ID (Middle Zone) Cis-1,2-DCE Concentration (µg/L) - Primary and Duplicate Concentrations where Two Values are Presented
- Line of Equal cis-1,2-DCE Concentration in Groundwater at 0.5 µg/L and 5.0 µg/L
- Dashed where Inferred

Cis-1,2-DCE: Cis-1,2-Dichloroethene
µg/L: Micrograms per liter
<0.500: Less than the laboratory reporting limit of 0.500 µg/L

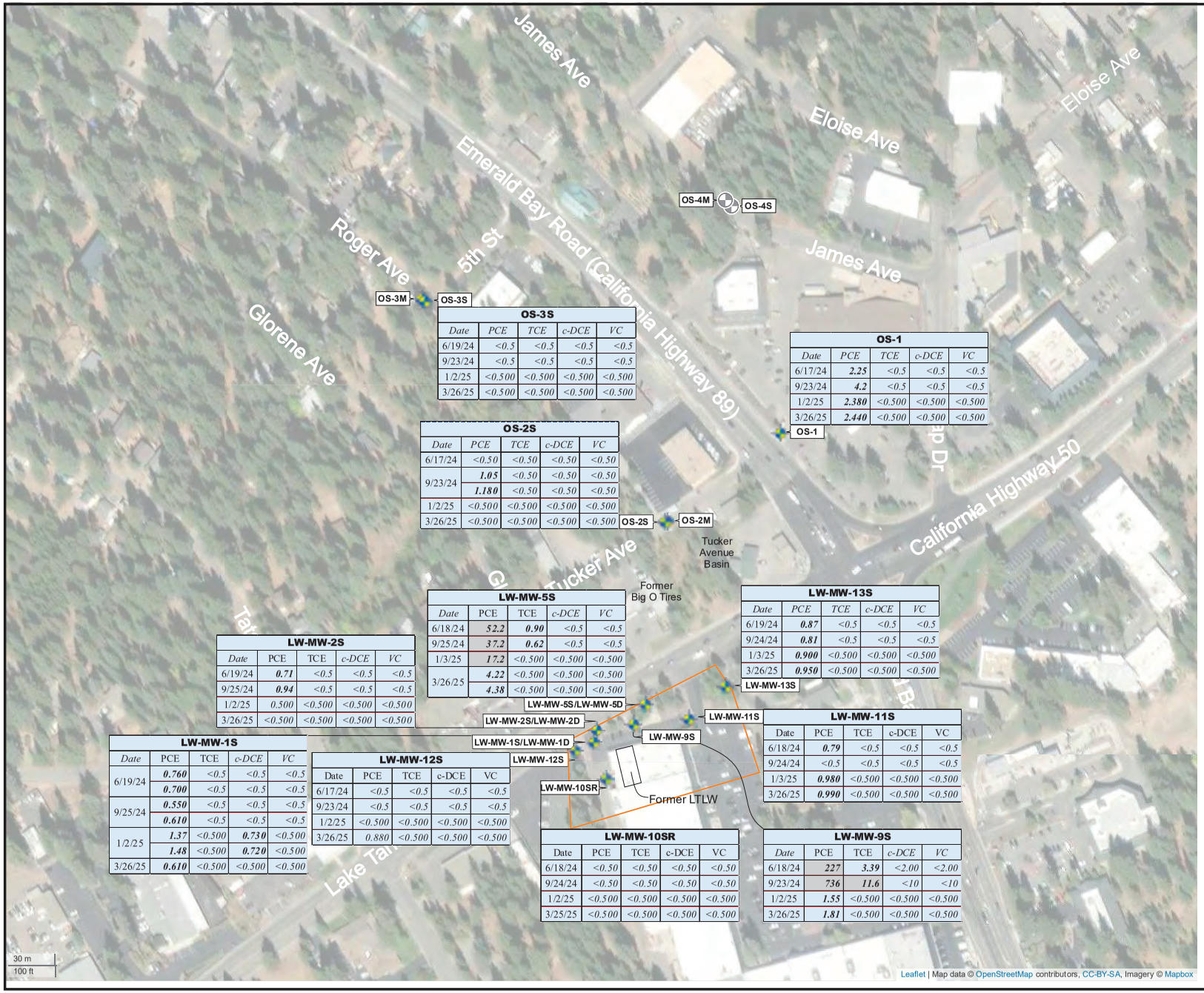
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

1Q25 CIS-1,2-DCE ISO-CONCENTRATIONS MIDDLE ZONE

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-7	August 2025



OS-3S

Date	PCE	TCE	c-DCE	VC
6/19/24	<0.5	<0.5	<0.5	<0.5
9/23/24	<0.5	<0.5	<0.5	<0.5
1/2/25	<0.500	<0.500	<0.500	<0.500
3/26/25	<0.500	<0.500	<0.500	<0.500

OS-1

Date	PCE	TCE	c-DCE	VC
6/17/24	**2.25**	<0.5	<0.5	<0.5
9/23/24	**4.2**	<0.5	<0.5	<0.5
1/2/25	**2.380**	<0.500	<0.500	<0.500
3/26/25	**2.440**	<0.500	<0.500	<0.500

OS-2S

Date	PCE	TCE	c-DCE	VC
6/17/24	<0.50	<0.50	<0.50	<0.50
9/23/24	**1.05**	<0.50	<0.50	<0.50
	1.180	<0.50	<0.50	<0.50
1/2/25	<0.500	<0.500	<0.500	<0.500
3/26/25	<0.500	<0.500	<0.500	<0.500

LW-MW-5S

Date	PCE	TCE	c-DCE	VC
6/18/24	**52.2**	**0.90**	<0.5	<0.5
9/25/24	**37.2**	**0.62**	<0.5	<0.5
1/3/25	**17.2**	<0.500	<0.500	<0.500
3/26/25	**4.22**	<0.500	<0.500	<0.500
	4.38	<0.500	<0.500	<0.500

LW-MW-13S

Date	PCE	TCE	c-DCE	VC
6/19/24	**0.87**	<0.5	<0.5	<0.5
9/24/24	**0.81**	<0.5	<0.5	<0.5
1/3/25	**0.900**	<0.500	<0.500	<0.500
3/26/25	**0.950**	<0.500	<0.500	<0.500

LW-MW-2S

Date	PCE	TCE	c-DCE	VC
6/19/24	**0.71**	<0.5	<0.5	<0.5
9/25/24	**0.94**	<0.5	<0.5	<0.5
1/2/25	0.500	<0.500	<0.500	<0.500
3/26/25	<0.500	<0.500	<0.500	<0.500

LW-MW-11S

Date	PCE	TCE	c-DCE	VC
6/18/24	**0.79**	<0.5	<0.5	<0.5
9/24/24	<0.5	<0.5	<0.5	<0.5
1/3/25	**0.980**	<0.500	<0.500	<0.500
3/26/25	**0.990**	<0.500	<0.500	<0.500

LW-MW-1S

Date	PCE	TCE	c-DCE	VC
6/19/24	**0.760**	<0.5	<0.5	<0.5
	0.700	<0.5	<0.5	<0.5
9/25/24	**0.550**	<0.5	<0.5	<0.5
	0.610	<0.5	<0.5	<0.5
1/2/25	**1.37**	<0.500	**0.730**	<0.500
	1.48	<0.500	**0.720**	<0.500
3/26/25	**0.610**	<0.500	<0.500	<0.500

LW-MW-12S

Date	PCE	TCE	c-DCE	VC
6/17/24	<0.5	<0.5	<0.5	<0.5
9/23/24	<0.5	<0.5	<0.5	<0.5
1/2/25	<0.500	<0.500	<0.500	<0.500
3/26/25	0.880	<0.500	<0.500	<0.500

LW-MW-10SR

Date	PCE	TCE	c-DCE	VC
6/18/24	<0.50	<0.50	<0.50	<0.50
9/24/24	<0.50	<0.50	<0.50	<0.50
1/2/25	<0.500	<0.500	<0.500	<0.500
3/25/25	<0.500	<0.500	<0.500	<0.500

LW-MW-9S

Date	PCE	TCE	c-DCE	VC
6/18/24	**227**	**3.39**	<2.00	<2.00
9/23/24	**736**	**11.6**	<10	<10
1/2/25	**1.55**	<0.500	<0.500	<0.500
3/26/25	**1.81**	<0.500	<0.500	<0.500

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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

LW-MW-5S/LW-MW-5D — Groundwater Monitoring Well and ID

736 — Grey - Concentration above Screening Level µg/L

2.38 — Bold - Detected Concentration µg/L

<0.500 — Concentration Below Laboratory-Reporting Limit µg/L

WBZ: Water Bearing Zone
S: Shallow
M: Middle
PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
VC: Vinyl chloride
µg/L: Micrograms per liter

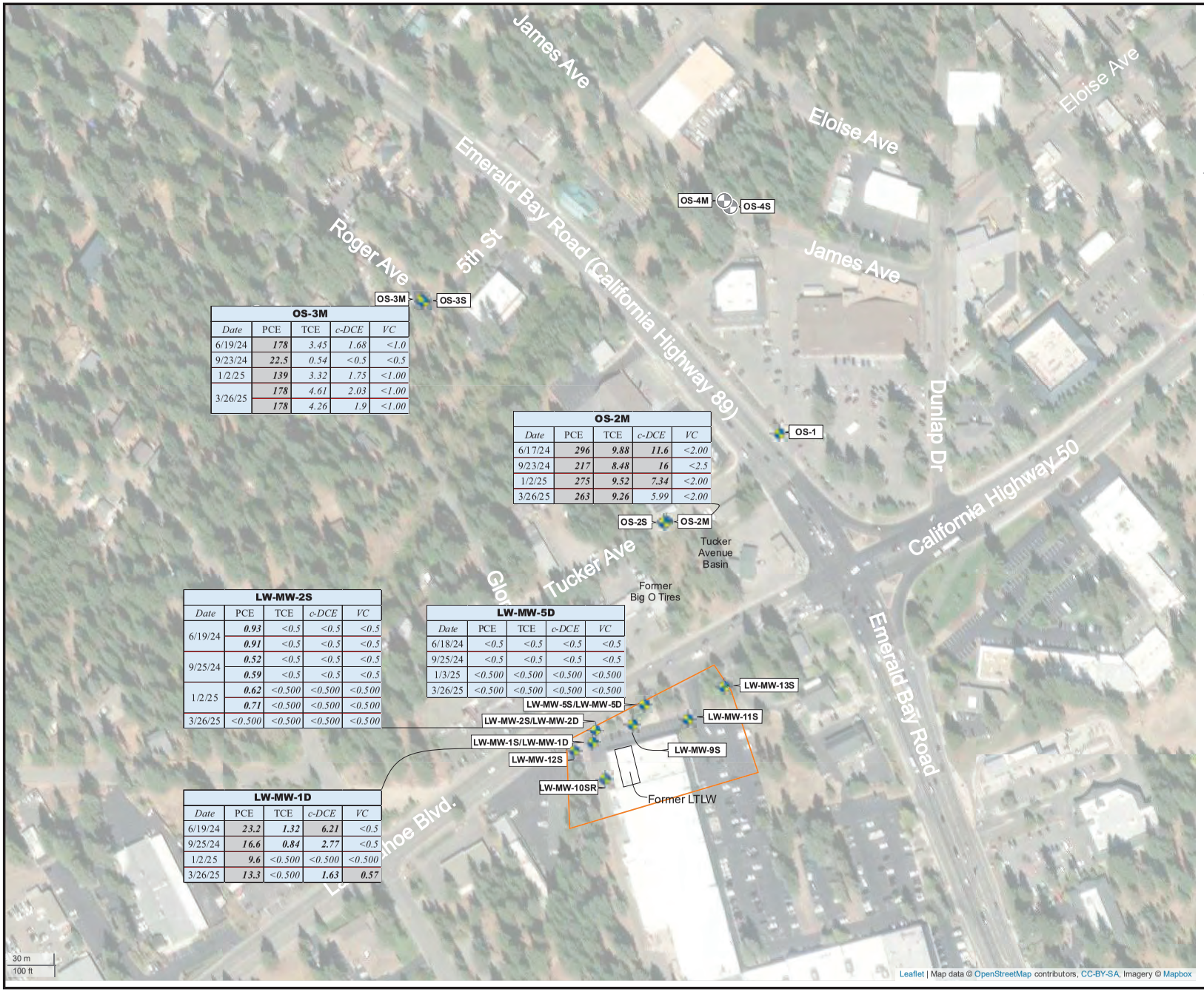
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

DISTRIBUTION OF CVOCS IN GROUNDWATER, SHALLOW ZONE AQUIFER

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-8 | August 2025



OS-3M

Date	PCE	TCE	c-DCE	VC
6/19/24	***178***	*3.45*	*1.68*	*<1.0*
9/23/24	***22.5***	*0.54*	*<0.5*	*<0.5*
1/2/25	***139***	*3.32*	*1.75*	*<1.00*
3/26/25	***178***	*4.61*	*2.03*	*<1.00*
	178	*4.26*	*1.9*	*<1.00*

OS-2M

Date	PCE	TCE	c-DCE	VC
6/17/24	***296***	***9.88***	***11.6***	*<2.00*
9/23/24	***217***	***8.48***	***16***	*<2.5*
1/2/25	***275***	***9.52***	***7.34***	*<2.00*
3/26/25	***263***	***9.26***	*5.99*	*<2.00*

LW-MW-2S

Date	PCE	TCE	c-DCE	VC
6/19/24	***0.93***	*<0.5*	*<0.5*	*<0.5*
	0.91	*<0.5*	*<0.5*	*<0.5*
9/25/24	***0.52***	*<0.5*	*<0.5*	*<0.5*
	0.59	*<0.5*	*<0.5*	*<0.5*
1/2/25	***0.62***	*<0.500*	*<0.500*	*<0.500*
	0.71	*<0.500*	*<0.500*	*<0.500*
3/26/25	*<0.500*	*<0.500*	*<0.500*	*<0.500*

LW-MW-5D

Date	PCE	TCE	c-DCE	VC
6/18/24	*<0.5*	*<0.5*	*<0.5*	*<0.5*
9/25/24	*<0.5*	*<0.5*	*<0.5*	*<0.5*
1/3/25	*<0.500*	*<0.500*	*<0.500*	*<0.500*
3/26/25	*<0.500*	*<0.500*	*<0.500*	*<0.500*

LW-MW-1D

Date	PCE	TCE	c-DCE	VC
6/19/24	***23.2***	***1.32***	***6.21***	*<0.5*
9/25/24	***16.6***	***0.84***	***2.77***	*<0.5*
1/2/25	***9.6***	*<0.500*	*<0.500*	*<0.500*
3/26/25	***13.3***	*<0.500*	***1.63***	***0.57***

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Legend

Lake Tahoe Laundry Works (LTLW) Site Boundary

OS-4M — Destroyed Groundwater Monitoring Well and ID

LW-MW-5S/LW-MW-5D — Groundwater Monitoring Well and ID

736 — Grey - Concentration above Screening Level (µg/L)

2.38 — Bold - Detected Concentration (µg/L)

<0.500 — Concentration Below Laboratory-Reporting Limit (µg/L)

WBZ: Water Bearing Zone
S: Shallow
M: Middle
PCE: Tetrachloroethene
TCE: Trichloroethene
c-DCE: cis-1,2-Dichloroethene
VC: Vinyl chloride
µg/L: Micrograms per liter

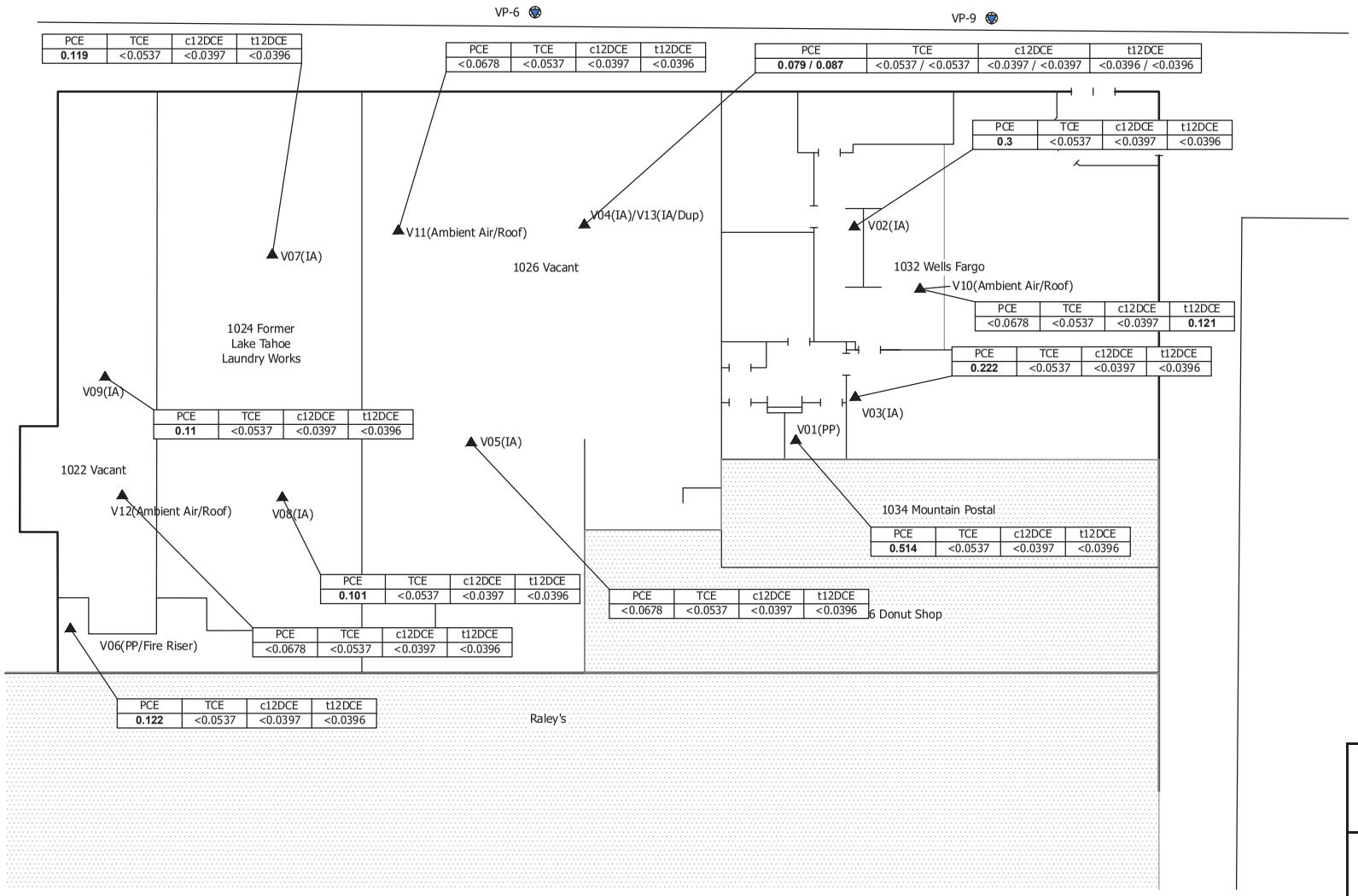
Latitude: 38.91343, Longitude: -120.00621

WEST Environmental Services & Technology

DISTRIBUTION OF CVOCS IN GROUNDWATER, MIDDLE ZONE AQUIFER

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-9 | August 2025



Explanation

- VP-6 — Vapor Sampling Point
- V01(PP) — Air Sample Location and ID
- (IA) — Indoor Air Sample
- (PP) — Pathway Sample
- (Dup) — Duplicate Sample
- Not Part of Sampling

Notes:

All samples shown in micrograms per cubic meter of air (µg/m 3)

<0.537 = Not detected at or above indicated laboratory reporting limit

Detections are shown in **bold**

0.250 / 0.245 = Sample / Duplicate Sample

PCE = Tetrachloroethene

TCE = trichloroethene

c12DCE = cis-1,2-Dichloroethene

t12DCE = trans-1,2-Dichloroethene

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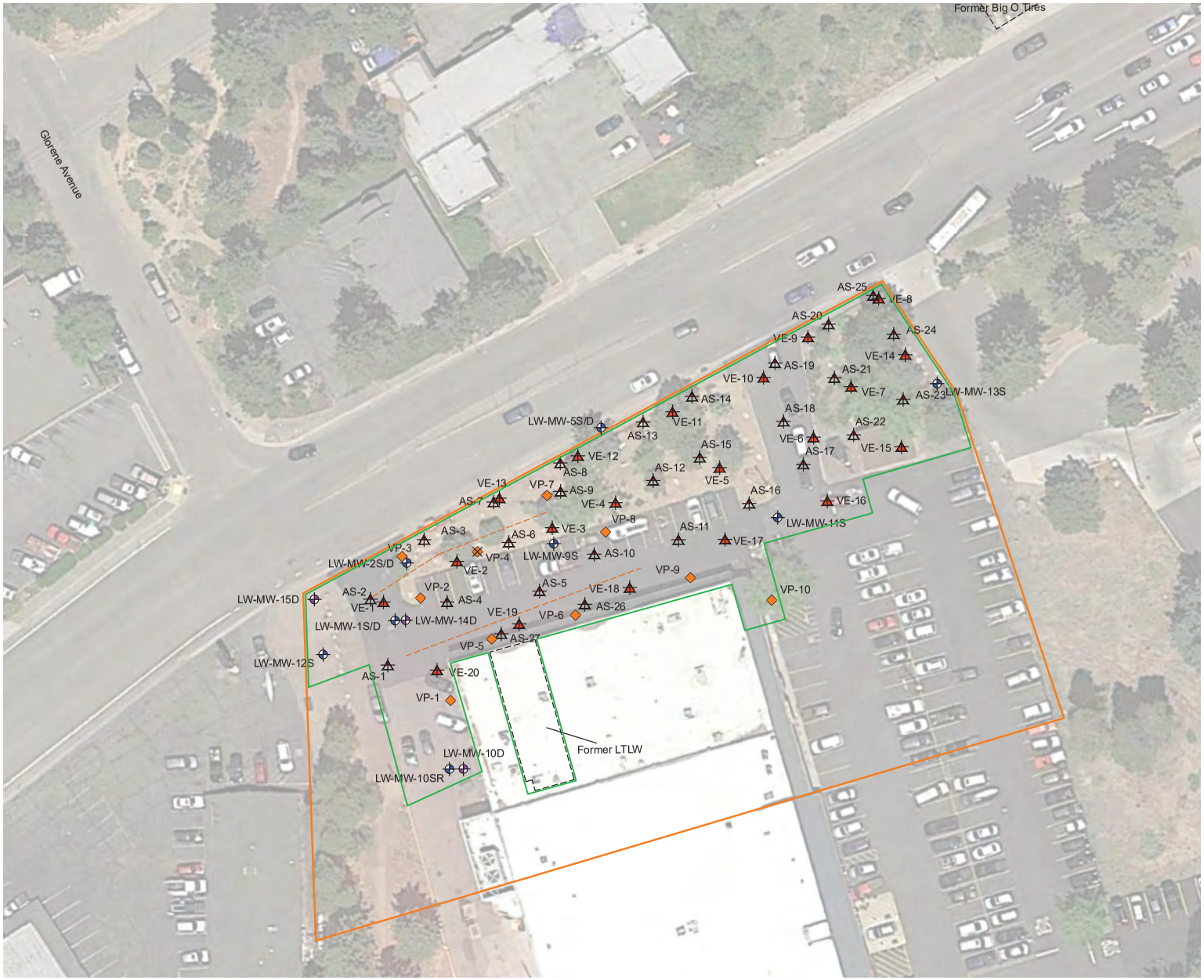
APPROXIMATE SCALE IN FEET

WEST Environmental Services & Technology

SUMMARY OF INDOOR AND AMBIENT AIR RESULTS (DEC 23-24, 2015)

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-10 | August 2025



Explanation

- Lake Tahoe Laundry Works (LTLW) Site
- LW-MW-13S — Groundwater Monitoring Well
- VP-10 — Soil Gas Probe Location
- VE-1 — Soil Vapor Extraction (SVE) Well Location
- AS-27 — Air Sparge Well Location
- Horizontal SVE Well Locations
- VP-4 — Lost Soil Gas Probe Location
- LW-MW-15D — Proposed Monitoring Well
- Area of Potential Environmental Concern

DRAFT
CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO EVIDENCE CODE 1152

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SCALE IN FEET

Note: The original version of this figure includes color-designated features. A black and white copy of the figure may not accurately represent the information originally presented.

WEST Environmental Services & Technology

REMEDIATION WELL LOCATIONS AND AREA OF POTENTIAL ENVIRONMENTAL CONCERNS

1024 Lake Tahoe Boulevard
South Lake Tahoe, California

Figure 3-11	August 2025

EXHIBIT 2: WELL INVESTIGATION AND CLOSURE PLAN

Confidentiality Agreement – Protected Communication

PRIVATE AND SMALL COMMUNITY WATER SYSTEMS WELL INVESTIGATION AND CLOSURE PLAN

Former Lake Tahoe Laundry Works
1024 Lake Tahoe Boulevard
South Lake Tahoe, California

29 April 2024
EKI A70020.20

EKI ENVIRONMENT & WATER, INC.

www.ekiconsult.com
2001 Junipero Serra Blvd, Suite 300 • Daly City, CA 94014

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3.1.2 Contingent Actions 7
3.2 Destruction of Confirmed Inactive Wells of Interest 7
3.3 Reporting 8
4 SCHEDULE 8

Table

1 Summary of Private and Small Community Water Systems Wells To Be Addressed in Well Investigation and Closure Plan

Appendices

A Figure 2 from AECOM's Non-Municipal Water Supply Well Sampling Summary Report, dated October 2022

B Quality Assurance/Quality Control Procedures

1 INTRODUCTION

This Well Investigation and Closure Plan ("WICP") for private and small community water systems has been prepared by with EKI Environment & Water, Inc. ("EKI") in consultation with PES Environmental, Inc., dba NV5 ("NV5"), on behalf of Seven Springs Limited Partnership ("Seven Springs") and Fox Capital Management Corporation ("Fox"), for the former Lake Tahoe Laundry Works ("LTLW") facility located at 1024 Lake Tahoe Boulevard in South Lake Tahoe, California ("Site"). The WICP is submitted and incorporated as a required action of the Stipulated Cleanup and Abatement Agreement ("Stipulated Order") being prepared by the California Regional Water Quality Control Board, Lahontan Region ("Water Board"), Seven Springs, and Fox.

The Site is located on the southwest corner of the intersection of Lake Tahoe Boulevard (Highway 50) and Emerald Bay Road (Highway 89) within the South Y Shopping Center in an area locally referred to as the "South Y Area." The Site overlies the Tahoe Valley South Subbasin ("TVS Subbasin"), which is a portion of the Tahoe Valley Groundwater Basin. Groundwater is the primary source of drinking water for communities adjacent to, and downgradient of the Site.

This WICP addresses non-municipal supply wells that the well owners did not allow the Water Board representative, AECOM Technical Services, Inc. ("AECOM"), to test for chemicals of concern ("COCs") during outreach in 2019 and 2022. The COCs identified by the Water Board and their associated State of California maximum contaminant levels ("MCLs") are perchloroethylene ("PCE") (5 micrograms per liter ("µg/L")), trichloroethylene (5 µg/L), cis-1,2-dichloroethylene (6 µg/L), trans-1,2-dichloroethylene (10 µg/L), 1,1-dichloroethylene (6 µg/L), and vinyl chloride (0.5 µg/L).

Seven Springs and Fox will make a final effort to determine whether potentially active wells are in use, and if so, endeavor to sample them. Provided the owner allows the well to be sampled, contingent actions will be taken if COC concentrations are measured above the detection levels described herein. Seven Springs and Fox will also destroy inactive non-municipal supply wells that are situated within the portion of the Regional PCE Contamination (as defined in the Stipulated Order) that AECOM has mapped as having PCE equal to or greater than the MCL, if permission to access the relevant property and destroy the relevant well is obtained from the landowner/well owner. Locations of private and small community system potable supply wells in relation to mapped groundwater isoconcentration contours are depicted on Figure 2 from AECOM's Non-Municipal Water Supply Well Sampling Summary Report, dated October 2022. This figure is included as Appendix A in the WICP.

2 AECOM WELL SURVEY AND SAMPLING ACTIVITIES

In 2019, the Water Board received funding from the California State Water Resources Control Board's ("State Water Board") Site Cleanup Subaccount Program ("SCAP") to investigate PCE in groundwater within the TVS Subbasin. AECOM conducted the investigation under the South Lake Tahoe "Y" Area Groundwater PCE Contamination Contract Agreement that was signed by the State Water Board. As part of this agreement, AECOM created a database of active, inactive, and destroyed private and small community system supply wells within the Regional PCE Contamination by accomplishing the following:

- Reviewing the non-municipal supply well inventory developed by the South Tahoe Public Utility District ("STPUD").

- Compiling well completion reports from the California Department of Water Resources ("DWR") online portal at https://water.ca.gov/Programs/Groundwater-Management/Wells/Well-Completion-Reports for private and small community system potable supply wells within the coordinates of the Regional PCE Contamination.

- Collaborating with El Dorado County Department of Environmental Management ("EMD") to (1) determine well locations based on historical descriptions in well completion reports (e.g., comparing well owner names to names on property records and historical El Dorado County Assessor's parcel maps), (2) compiling available EMD records for well installations and destructions, and (3) collecting information pertaining to active and inactive regulated public water systems.

- Reviewing Water Board files to identify non-municipal wells that were sampled for PCE in the past.

- Identifying properties that might have a private well because the properties do not have connections with water distribution systems that are maintained and operated by Lukins Brothers Water Company ("LBWC") or STPUD.

- Visiting properties and providing questionnaires to obtain information on the status (e.g., active, inactive, or unknown) of the well identified at the property and requesting access to inspect and sample the well.[1]

AECOM organized private and small community system supply wells in its database into the below categories:

- **Active:** Wells known to be in use.

- **Suspected Active:** Wells possibly in use because the properties are not connected to a municipal water service.

- **Inactive:** Wells verified to exist that are no longer in use.

- **Suspected Inactive:** Wells for which DWR well completion reports are available and DWR does not have destruction records, but owners do not know where the wells exist.

- **Destroyed:** Wells confirmed to no longer exist based on reports filed with DWR.

The status of wells known to be present and those that might exist but cannot be located is summarized in the table below.

[1] AECOM. June 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019-2020 Field Season*, at 10-11.

Status of Private or Small Community Water System Wells

Well Description	Number of Wells	Number of Wells Sampled	Number of Wells Sampled with PCE Above MCL	Planned Actions by Seven Springs and Fox Predicated on Obtaining Site Access
Confirmed Active Wells	15	10	0	1. Collect and analyze initial samples from 5 Confirmed Active Wells and 4 Suspected Active Wells that have not been tested to date ("Unsampled Active Wells"). 2. If COCs are detected, conduct quarterly monitoring for one year unless (a) additional sampling does not confirm COC presence, in which case no further action is required; or (b) initial samples have a COC greater than 10 times its MCL, in which case, destroy well and connect property to municipal water service if no connection already exists. 3. For wells subject to quarterly monitoring, (a) if annual average COC concentration is less than the MCL and no increasing concentration trend is evident, no further action is required; or (b) if annual average COC concentration is equal to or greater than the MCL, destroy well and connect property to municipal water service if no connection already exists.
Suspected Active Wells	4	0	–	
Confirmed Inactive Wells	11	7	4	Destroy 4 Confirmed Inactive Wells that have PCE above the MCL and 4 Confirmed Inactive Wells situated within the Regional PCE Contamination ("Confirmed Inactive Wells of Interest").
Suspected Inactive Wells that Cannot be Located	18	–	–	None because these wells are not being used and do not pose a human health concern. Parcels on which these wells might have been constructed are connected to a municipal water service.

One of the 19 wells identified by the survey as being active or suspected to be active was sampled in 2005. AECOM requested permission on two occasions to sample the 19 wells during its investigation of the Regional PCE Contamination. AECOM was granted access to sample 7 of the 19 wells in 2019 and 7 of the 19 wells in 2022, but permission to access the same wells was not granted on both occasions. As a result, AECOM has sampled 5 wells twice and 4 wells once. (These 9 wells and the 1 well sampled in 2005 constitute the 10 active wells reported as sampled in the table above.) The owners of the remaining 9 confirmed and suspected active wells did not grant permission for AECOM to sample their wells. These 9 wells are referred to as the Unsampled Active Wells in the Stipulated Order and this WICP. The Unsampled Active Wells are located at (1) 788 Glorene Avenue, (2) 2181 Jean Avenue, (3) 762 Glorene Avenue, (4) 2363 Washington Avenue, (5) 2218 Lake Tahoe Boulevard, (6) 2205 Lake Tahoe Boulevard, (7) 1963 15th Street, (8) 733 Eloise Avenue, and (9) 942 South Shore Drive.

AECOM also identified 11 private or small community water system wells that are confirmed to be inactive. PCE concentrations greater than the MCL have been measured in 4 of these inactive wells. The 4 private or small community water system confirmed inactive wells in which PCE has been measured at

concentrations greater than the MCL are located at (1) 883 Eloise Avenue, (2) 903 Eloise Avenue, (3) 787 Emerald Bay Road, and (4) 868 Emerald Bay Road. In August 2015, under an agreement among Seven Springs, Fox, and the Water Board, the properties serviced by the well at 883 Eloise Avenue (883 and 903 Eloise Avenue) were connected to permanent replacement water supplied by LBWC. In addition, 3 inactive wells, which have been sampled and found to contain PCE less than the MCL,[2] and 1 inactive well at 788 Roger Avenue that has not been sampled, are situated within the Regional PCE Contamination. The 8 inactive wells that have PCE above the MCL and/or are situated within the Regional PCE Contamination are referred to in the Stipulated Order and this WICP as the Confirmed Inactive Wells of Interest.

No further action is warranted for the 18 Suspected Inactive Wells that Cannot be Located because these wells do not pose a human health concern. The fact that property owners do not know where these wells are located indicates the wells are not being used and the parcels are connected to the LBWC or STPUD water system. If any of the Suspected Inactive Wells that Cannot be Located do exist, their use for potable supply is prohibited by Section 8.39.080 of the El Dorado County Well Construction and Water Supply Standards Ordinance, which states "no water well permit may be issued for a private water well on parcels that have existing or available public water system connection unless it will be used for agricultural purposes." The Suspected Inactive Wells that Cannot be Located are not expected to serve as vertical conduits for PCE migration to groundwater because the wells are associated with residential parcels where it is unlikely that significant PCE releases took place. If PCE does migrate along the annular space or within the casing of a Suspected Inactive Well, public health will be protected by operation of granular activated carbon ("GAC") systems on municipal supply wells until PCE and other COCs in groundwater within the TVS Subbasin decrease to concentrations less than MCLs.

3 SCOPE OF WORK

The scope of work entails (1) sampling the Unsampled Active Wells upon receiving permission to do so, and (2) destroying the Confirmed Inactive Wells of Interest in accordance with EMD requirements.

3.1 Testing of and Contingent Actions for Unsampled Active Wells

On 10 November 2023, Seven Springs and Fox requested that the Water Board provide conversation logs and other records pertaining to interviews with owners of Unsampled Active Wells. On November 17, 2023, the Water Board made available its complete record on non-municipal wells within the TVS Subbasin. Table 1 summarizes Seven Springs and Fox's review of information regarding private and small community water system wells to be addressed in this WICP.

Information in Table 1 will assist in preparing the Public Participation Plan ("PPP") for work under the Stipulated Order. One of the goals of the PPP is to present conclusions about the community's concerns

[2] The three private or small community water system inactive wells in which PCE has been measured at concentrations less than the MCL are located at (1) 705 Eloise Avenue, (2) 2013 7th Street, and (3) Tahoe Valley Elementary School at 943 Tahoe Island Drive.

and interests. The PPP will examine background information and comments obtained through prior interviews.

The PPP will be used to formulate the way in which owners will be approached to make the final request to sample their wells. Seven Springs and Fox will comply with the PPP and will discuss the proposed steps for engaging owners with Water Board staff and will revise the steps to incorporate Water Board staff's input before making requests to test Unsampled Active Wells.

3.1.1 Initial Testing

To maintain consistency, water samples will be collected utilizing the protocols employed during previous non-municipal well sampling events by AECOM.[3] The water sample from each Unsampled Active Well will be collected from a well port, nearby hose bib, or interior faucet. When sampling interior faucets, field personnel will try and remove the aerators from the spout before sampling. In addition, while sampling, the water flow will be reduced to a rate to slowly fill a 40-milliliter volatile organic analysis ("VOA") vial. The sampling location will be determined in the field, following review of system components and discussions with the property owner. Water will be purged before sampling by allowing the water to run for approximately 10 minutes after observing that the well pump turns on. While the water is being purged, water quality parameters—including pH, temperature, and conductivity, with optional parameters including oxidation-reduction potential ("ORP"), dissolved oxygen ("DO"), and turbidity—will be measured and recorded using a multi-parameter water quality meter. Purging will be considered complete when measured parameters have stabilized.

Water quality parameters are considered stable when the variation in three successive readings measured at evenly spaced time intervals does not exceed the following levels:

- **pH:** ±0.1 pH unit
- **Temperature:** ±1 degrees Celsius (°C)
- **Conductivity:** ±3% micromhos per centimeter

Optional:

- **ORP:** ±10 millivolts
- **DO:** ±0.20 milligrams per liter or ±10% (whichever is greater)
- **Turbidity:** less than 10 nephelometric turbidity units ("NTUs") or ±10 percent (if greater than 10 NTUs)

Collected water samples will be labeled and placed in a chilled cooler and couriered or overnight air shipped to a California-certified analytical testing laboratory under chain-of-custody protocols the same

[3] AECOM. 11 October 2019. *Task 5 Work Plan: South Lake Tahoe "Y" PCE Plume, Non-Municipal Groundwater Supply Well Sampling*.

day or following day the samples are collected. The laboratory will analyze water samples using U.S. Environmental Protection Agency Test Method 8260B for volatile organic compounds ("VOCs") on a standard turnaround time from receipt of the samples at the laboratory.

The quality assurance/quality control ("QA/QC") procedures specified in EKI's Amended Groundwater Investigation Work Plan, dated 19 March 2018, will be used to assess the overall usability of investigative data by evaluating the precision, accuracy, representativeness, comparability, completeness, and sensitivity of the data set. QA/QC procedures are included as Appendix B.

Precision of field sample collection will be evaluated by assessing the relative percent difference ("RPD") data from a field duplicate sample. A field duplicate is a second sample collected at the same time as the investigative (i.e., original) sample using identical sampling techniques. Analytical precision will be evaluated by assessing the RPD data from duplicate spiked sample analyses or duplicate laboratory control sample ("LCS") analyses.

Data from method blank samples, trip blank samples, matrix spike/matrix spike duplicate samples, surrogate compound spikes, and LCSs will be used to determine accuracy and potential bias of the sample data.

Data from method blank samples provide an indication of laboratory contamination that may result in bias of sample data. Sample data associated with method blank contamination will have been identified during the data verification/validation process. Sample data associated with method blank contamination will be evaluated during the data validation procedure to determine if chemicals detected in samples associated with contaminated method blanks are "real" or are the result of laboratory contamination.

Trip blanks are used to assess the potential introduction of contaminants resulting from sample handling or shipment. Trip blanks are prepared by the analytical laboratory and consist of VOA vials filled with laboratory water in the laboratory. Trip blanks will be sent to the site with the sample containers, kept with samples during sample collection, and shipped back to the laboratory for analysis with the collected samples.

Matrix spike sample data provide information regarding the accuracy of the analytical methods relative to the sample matrix. Matrix spike samples are field samples that have been fortified with target compounds prior to sample preparation and analysis. The percent recovery data provide an indication of the effect that the sample matrix may have on the preparation and analysis procedure.

Surrogate spike recoveries provide information regarding the accuracy/bias of organic analyses on an individual sample basis. Surrogate compounds are not expected to be found in the samples and are added to every sample prior to sample preparation. The percent recovery data provide an indication of the effect that the sample matrix may have on the preparation and analysis procedure.

Analytical accuracy/bias will be determined by evaluating the percent recovery data of LCSs. LCSs are artificial samples prepared in the laboratory using a blank matrix fortified with target compounds from a standard reference material that is independent of the calibration standards. LCSs are prepared and analyzed in the same manner as the field samples. The percent recovery data from LCS analyses will provide an indication of the accuracy and bias of the VOC analytical method.

3.1.2 Contingent Actions

No contingent actions with respect to an Unsampled Active Well are necessary if no COCs are measured above their respective detection levels provided in Table 64445.1-A under 22 CCR § 64445.1(a). Consistent with 22 CCR § 64445.1(c)(5)(B), Seven Springs and Fox will conduct quarterly monitoring for one year if a COC is detected during the initial sampling of any well unless additional testing does not confirm the presence of the COC in question. Additional testing will be as described under 22 CCR § 64445.1(c)(1) if Seven Springs and Fox elect to do such testing. Within seven days from notification of an initial finding from a laboratory reporting the presence of one or more COCs in a well sample, Seven Springs and Fox may collect one or two additional samples to confirm the initial finding. The initial finding will be disregarded if two additional samples do not show the presence of the COC above their respective detection levels. Confirmation of the initial finding will be shown by the presence of the COC above its respective detection level in either the first or second additional sample.

For wells subject to quarterly monitoring, no further action is required for any well if the annual average COC concentration at that well is less than the MCL and no increasing concentration trend is evident.

Seven Springs and Fox will undertake actions necessary to destroy a well and provide alternative water supplies to a property served by a well if (1) initial sampling detects a COC at a concentration greater than 10 times the relevant MCL consistent with 22 CCR § 64445.1(c)(7)(B) or quarterly monitoring for one year results in an average concentration of a COC that is greater than the relevant MCL, and (2) the property served by that well is not connected to a municipal water service such that no alternative water supplies are already available.

3.2 Destruction of Confirmed Inactive Wells of Interest

Upon receiving authorization from the property owners, Seven Springs and Fox will arrange to destroy the Confirmed Inactive Wells of Interest. A permit from EMD is required to destroy a water well in El Dorado County.[4]

EMD specifies that destruction of water wells follow DWR's California Water Well Standards in Bulletins 74-81 and 74-90.[5] These standards mandate that the well be inspected before destruction to determine its condition, details of construction, and whether obstructions are present that will interfere with the sealing process. Downhole television and photography may be used to visually examine the well. Any obstructions will be removed, if possible, by cleaning out the well. The well casing will be perforated or otherwise punctured, if necessary, to ensure that sealing material fills not only the casing but also the annular space and any voids nearby the well to be destroyed.

DWR Bulletins 74-81 and 74-90 require that the well be filled with impervious material, such as neat cement, sand-cement grout, concrete, or bentonite clay, using a tremie pipe or equivalent, proceeding upward from the bottom of the well. According to DWR, sealing material shall be placed in a manner that

[4] El Dorado County Department of Environmental Health Well Construction and Water Supply Standards Ordinance, at Section 8.39.120.

[5] *Id.*, at Section 8.39.030.

prevents freefall, bridging, and dilution of sealing materials, and does not result in separation of aggregate from sealants. To fulfill DWR requirements, each Inactive Well of Interest will be sealed by retraction grouting. Retraction grouting involves pumping the sealing material through a tremie pipe (or equivalent) and out the bottom of the pipe as it is withdrawn from the well. Retraction grouting is generally considered the most reliable borehole sealing technique.[6] Sealing material will be placed in one continuous operation, unless conditions in the well dictate that sealing operations be conducted in a staged manner, and prior approval has been obtained from EMD. Pressure required for placement of cement-based sealing materials will be maintained to allow these materials to properly set.

The sealing material shall end at a depth of 5 feet below ground surface ("bgs"). After sealing operations have been completed and the sealing material has adequately set and cured, soil will be removed around the well casing to a depth of 5 feet bgs. The exposed well casing will then be removed by cutting the casing at the bottom of the excavation. The excavation shall be filled with clean, native soil or other suitable material.

Seven Springs and Fox will verify that the volume of sealing material placed during destruction operations equals or exceeds the volume to be filled. This verification assists in confirming that no jamming or bridging of sealing material has occurred and the well has been properly destroyed.

The well and any associated excavation will be covered at the surface for public safety and to prevent entry of foreign material, water, and contaminants; whenever work is interrupted by such events as overnight shutdown, poor weather, and required waiting periods to allow setting of sealing materials. The cover will be held in place or weighted in such a manner that it can be removed only by equipment or tools.

3.3 Reporting

Seven Springs and Fox will prepare a report after initial testing of Unsampled Active Wells and destruction of Confirmed Inactive Wells of Interest have been completed. The report will describe the work performed and tabulate well water sample VOC data. The report will list Unsampled Active Wells where no further action is required because no COC concentrations were detected in water samples and discuss recommended contingent actions for Unsampled Active Wells, if any, that have COC concentrations that are detectable. The report will identify the relevant properties and provide addresses and unique well identification numbers for all wells that Seven Springs and Fox recommend quarterly monitoring, alternative water supplies, and/or well destruction. If pertinent, the report also will identify those wells that owners did not grant access to sample or destroy.

4 SCHEDULE

Testing of the Unsampled Active Wells and destruction of the Confirmed Inactive Wells of Interest are contingent upon securing approval to accomplish this work from the well owners. As described in Section 3.1, information on non-municipal wells provided by the Water Board will be incorporated into preparing the PPP that will be relied upon to formulate the way in which owners are approached to make

[6] Department of Toxic Substances Control. June 2013. *Drilling, Logging, and Sampling at Contaminated Sites*, at 3.

the final request to sample their wells. The PPP will be submitted for Water Board review on or prior to the date set forth in Attachment A of the Stipulated Order. Seven Springs and Fox will refine the schedule for completing the scope of work in the WICP after receiving well owner responses to access requests.

TABLE 1

SUMMARY OF PRIVATE AND SMALL COMMUNITY WATER SYSTEMS WELLS TO BE ADDRESSED IN WELL INVESTIGATION AND CLOSURE PLAN

Well ID	Status	Property Address	Owner Name	Owner Mailing Address	Owner City, State, Zip Code	Contact Information	Water Board Notes and Questionnaire Responses
P59	Unsampled Active Well	1963 15th Street	Christopher Haltom	1870 Bali Way	Santa Cruz, CA 95062	(831) 359-0108	Property has a STPUD sewer connection but does not have a municipal water connection. Regional Board assumes a well is primary source of water for property. Property owner indicated to STPUD that there is no well.
P12	Unsampled Active Well	2181 Jean Street	AJS California Holding LLC	PO Box 1336	Zephyr Cove, NV 89448	Pine Cone Park is situated at the property, which has 9 manufactured home sites. Water in community may be sourced from STPUD.	
P18	Unsampled Active Well	2205 Lake Tahoe Boulevard	John Cefalu	3100 Nevada Avenue	South Lake Tahoe, CA 96150	Unknown; Pet Station appears to occupy site.	Regional Board assumes well is active because property has a STPUD sewer connection but does not have a water connection. Property owner did not respond to Regional Board letters dated 5/27/2020 and 11/24/2020. STPUD was unable to obtain any information on well status.
P14	Unsampled Active Well	2218 Lake Tahoe Boulevard	Sep Hines Revocable Living Trust	441 Mundell Way	Los Altos, CA 94022	Sep Hines; (650) 704-1511; Siam Market, which is probably closed, appears to be most recent tenant.	Property owner did not respond to letter dated 11/24/2020 from Regional Board. STPUD survey indicates well is active. Questionnaire confirms well is active for domestic supply.
P58	Unsampled Active Well	2363 Washington Avenue	Robin Lynn Holmes	18702 Cornett Road	Brookings, OR 97415	(916) 607-2324; dunlapranch@rconnects.com	Property owner responded to STPUD survey and confirms well is active. Property owner did not respond to letter dated 11/24/2020 from Regional Board. Regional Board sent Amy Bush (contact from STPUD survey) a well questionnaire by email on 5/27/2022.
P60	Unsampled Active Well	733 Eloise Avenue	Joseph and Josie Archuleta	637 Health Street	Milpitas, CA 95035	Torre Monteith; (775) 720-4579	Regional Board assumes an active well exists at the property.
P17	Unsampled Active Well	762 Glorene Avenue	John and Judith (Judy) Uphold	625 Gould Terrace	Hermosa Beach, CA 90254	(530) 541-4889	Regional Board states STPUD survey confirms well is active. Property owner verbally said there is no well. Property owner will not allow Regional Board access to sample well.
P01	Unsampled Active Well	788 Glorene Avenue	John and Judith (Judy) Uphold	625 Gould Terrace	Hermosa Beach, CA 90254	(530) 541-4889	Regional Board spoke to Upholds at their house on 8/2/2019. They are not interested in having their well sampled. Cannot destroy well, well is the only source of water. Property owner will not allow Regional Board access to sample well.
P61	Unsampled Active Well	942 South Shore Drive	Helen and Daniel Francisco	PO Box 7353	South Lake Tahoe, CA 96158	James Francisco; 1545 Teal Pond Court, Placerville, CA 95667; (530) 621-2960; jdfran2214@gmail.com; Prefer email contact	Regional Board assumes an active well exists at the property. Questionnaire states no well is present.
P41	Confirmed Inactive Well	2013 7th Street				Regional Board presumably can provide contact information since it sampled well in 2014.	Sample collected by Regional Board in 2014 contained 0.24 µg/L of PCE.
P39	Confirmed Inactive Well	705 Elosie Avenue	Robert Bradley	100 Laurel Place Apt 3	San Rafael, CA 94901	Gina Bradley; (530) 844-6174	Questionnaire states well at the property is inactive and has been disconnected and abandoned.

TABLE 1

SUMMARY OF PRIVATE AND SMALL COMMUNITY WATER SYSTEMS WELLS TO BE ADDRESSED IN WELL INVESTIGATION AND CLOSURE PLAN

Well ID	Status	Property Address	Owner Name	Owner Mailing Address	Owner City, State, Zip Code	Contact Information	Water Board Notes and Questionnaire Responses
P42	Confirmed Inactive Well	787 Emerald Bay Road	Allen Wenger	139 Bacon Court	Lafayette, CA 94549	(925) 256-6770; alwjam11@comcast.net; Prefer email contact; Sonney's BBQ Shack Bar & Grill appears to occupy property. Well also served Rockwater Apartments at 783 Emerald Bay Road.	Questionnaire states well at the property is inactive and not connected. Questionnaire indicates Mark Bitzer is property owner but no contact information is provided.
P37	Confirmed Inactive Well	788 Roger Avenue	Steven and Linda Tremain	367 Silas Court	Benicia, CA 94510	(925) 586-0946; sctremain@gmail.com; Prefer email contact	Questionnaire states well at the property is inactive and has been disconnected.
P40	Confirmed Inactive Well	868 Emerald Bay Road	Grabowsky Enterprises	342 Harper Lane	Danville, CA 94526	Frank; (530) 277-2067; Prefer phone contact; Monster Tattoo, Studio Four, which is a hair stylists salon, and Focus on Interiors, which is a home goods store, appear to occupy tenant spaces on this property.	Questionnaire states well at the property is inactive and has been disconnected.
P38	Confirmed Inactive Well	883 Elosie Avenue	SAA-Sierra Programs, LLC (Stanford Alumni Association)	PO Box 9988	South Lake Tahoe, CA 96158	Tegan Ludwig; (530) 542-5647; tludgwig@stanford.edu; Phone or email acceptable	Questionnaire states well is not being used and electrical service to well has been disconnected.
P36	Confirmed Inactive Well	903 Elosie Avenue	SAA-Sierra Programs, LLC (Stanford Alumni Association)	PO Box 9988	South Lake Tahoe, CA 96158	Tegan Ludwig; (530) 542-5647; tludgwig@stanford.edu; Phone or email acceptable; Michael Schneeweis formerly owned the property and well is also referred to as the Schneeweis well.	Questionnaire states well is not being used and electrical service to well has been disconnected.
P45	Confirmed Inactive Well	943 Tahoe Island Drive	Lake Tahoe Unified School District	1021 Al Tahoe Boulevard	South Lake Tahoe, CA 96150	(530) 543-2219; Christopher Lauie (sp.?) clauie@ltusd.org (sp.?); Prefer email contact; Tahoe Valley Elementary School occupies site.	Questionnaire states well at the property is inactive and has been disconnected and abandoned.

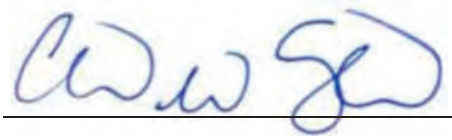
APPENDIX A

Figure 2 from AECOM's Non-Municipal Water Supply Well Sampling Summary Report, dated October 2022

Non-Municipal Water Supply Well Sampling Summary Report, July 2022: South "Y" PCE Plume

South Lake Tahoe "Y" Area PCE Project
South Lake Tahoe, California

This report was prepared by the staff of AECOM Technical Services, Inc. (AECOM) under the supervision of registered professionals. Interpretations, conclusions, and recommendations in the document are based on AECOM's interpretation of the available information. The interpretations and conclusions drawn were governed by AECOM's experience and professional judgment.



October 11, 2022

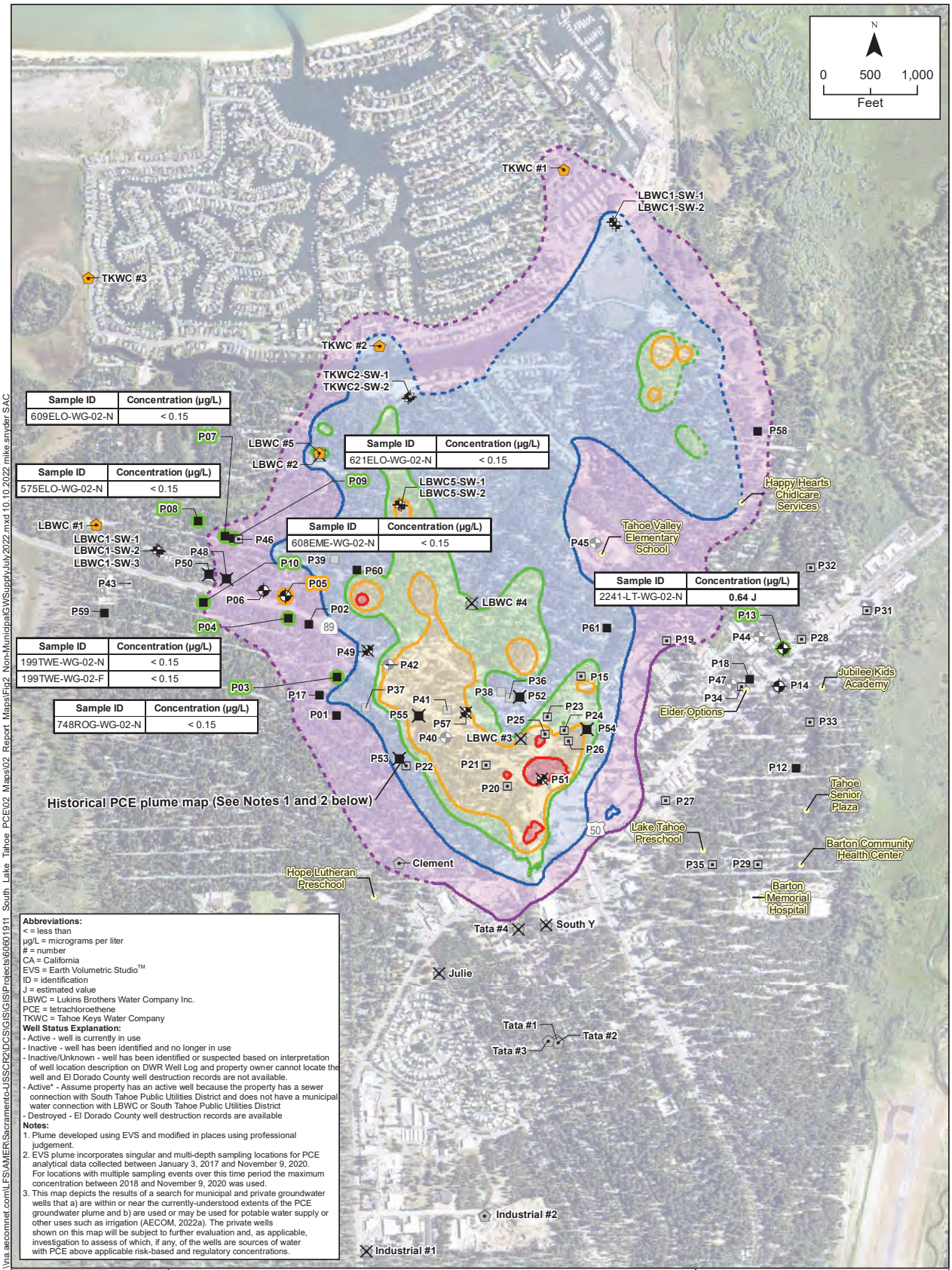
Andy Shepard
AECOM Task Manager

Date

October 11, 2022

Edmund Tarter, California Civil PE No. 64825
AECOM Project Manager

Date



Sample ID	Concentration (µg/L)
609ELO-WG-02-N	< 0.15

Sample ID	Concentration (µg/L)
621ELO-WG-02-N	< 0.15

Sample ID	Concentration (µg/L)
575ELO-WG-02-N	< 0.15

Sample ID	Concentration (µg/L)
608EME-WG-02-N	< 0.15

Sample ID	Concentration (µg/L)
2241-LT-WG-02-N	0.64 J

Sample ID	Concentration (µg/L)
199TWE-WG-02-N	< 0.15
199TWE-WG-02-F	< 0.15

Sample ID	Concentration (µg/L)
748ROG-WG-02-N	< 0.15

Abbreviations:
< = less than
µg/L = micrograms per liter
# = number
CA = California
EVS = Earth Volumetric Studio™
ID = identification
J = estimated value
LBWC = Lukins Brothers Water Company Inc.
PCE = tetrachloroethene
TKWC = Tahoe Keys Water Company

Well Status Explanation:
- Active - well is currently in use
- Inactive - well has been identified and no longer in use
- Inactive/Unknown - well has been identified or suspected based on interpretation of well location description on DWR Well Log and property owner cannot locate the well and El Dorado County well destruction records are not available.
- Active* - Assume property has an active well because the property has a sewer connection with South Tahoe Public Utilities District and does not have a municipal water connection with LBWC or South Tahoe Public Utilities District
- Destroyed - El Dorado County well destruction records are available

Notes:
1. Plume developed using EVS and modified in places using professional judgement.
2. EVS plume incorporates singular and multi-depth sampling locations for PCE analytical data collected between January 3, 2017 and November 9, 2020. For locations with multiple sampling events over this time period the maximum concentration between 2018 and November 9, 2020 was used.
3. This map depicts the results of a search for municipal and private groundwater wells that a) are within or near the currently-understood extents of the PCE groundwater plume and b) are used or may be used for potable water supply or other uses such as irrigation (AECOM, 2022a). The private wells shown on this map will be subject to further evaluation and, as applicable, investigation to assess of which, if any, of the wells are sources of water with PCE above applicable risk-based and regulatory concentrations.

- Active Municipal Well
- Destroyed Municipal Well
- Inactive Municipal Well
- Active Private Well *(for locations with * see note)*
- Destroyed Private Well
- Inactive Private Well
- Inactive/Unknown Private Well
- Active Small Community Well
- Destroyed Small Community Well
- Inactive Small Community Well
- Sentry Well Locations
- Potential Sensitive Receptor
- July 2022 Sampling Location
- Proposed July 2022 Sampling Location that Could Not Be Accessed

PCE Concentration Contours
(dashed where inferred)
- 0.5 - 5 µg/L
- 5 - 50 µg/L
- 50 - 100 µg/L
- 100 - 500 µg/L
- >500 µg/L

Figure 2
Non-Municipal Water Supply Well Sample Results, July 2022

South "Y" PCE Plume
South Lake Tahoe, CA

AECOM

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APPENDIX B

Quality Assurance/Quality Control Procedures

QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

Consistent with U.S. EPA guidance, overall usability of the data for non-municipal water supply well sampling will be assessed by evaluating the precision, accuracy, representativeness, comparability, completeness, and sensitivity of the data set.[1]

Precision

Precision of field sample collection will be evaluated by assessing the relative percent difference ("RPD") data from field duplicate samples. Field duplicates are a second sample collected at the same time as the investigative (i.e., original) sample using identical sampling techniques. For non-municipal well sampling, field duplicates will be collected at a 10 percent frequency of all water samples collected.[2] At a minimum, one duplicate sample will be collected for each water sampling event. For sampling of non-municipal wells, one field duplicate will be collected for each monitoring event. Field duplicates will be analyzed for the same volatile organic compounds ("VOCs") as the original sample. A RPD of 30 percent will be used as an advisory limit for VOCs detected in both the investigative and field duplicate water samples at concentrations greater than or equal to 5 times their quantitation limits (i.e., analytical method reporting limits).

Analytical precision will be evaluated by assessing the RPD data from duplicate spiked sample analyses or duplicate laboratory control sample ("LCS") analyses. The RPD between two measurements is calculated using the following formula:

$$RPD = \frac{|R_1 - R_2|}{\left[\frac{(R_1 + R_2)}{2}\right]} \times 100$$

where:

R_1 = value of first result

R_2 = value of second result

RPD data will provide the means to evaluate the overall variability attributable to the sampling procedure, sample matrix, and laboratory procedures. The RPD of two measurements can be high when the concentrations approach the quantitation limit of an analysis. RPDs will be calculated only when the concentrations of a chemical detected in both samples are greater than or equal to 5 times the quantitation limit for the chemical.

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[1] *See* U.S. EPA. July 2014. *SW-846 Compendium: Project Quality Assurance and Quality Control,* U.S. EPA. December 2002. *Guidance for Quality Assurance Project Plans, EPA QA/G-5*. Office of Environmental Information. EPA/240/R-02/009; and U.S. EPA. March 2001. *EPA Requirements for Quality Assurance Project Plans, EPA QA/G-5*. Office of Environmental Information. EPA/240/B-01/003.

[2] U.S. EPA. May 2014. *Sampling and Analysis Plan Guidance and Template*. Version 4, General Projects. R9QA/009.1, at 58.

Accuracy

Data from method blank samples, equipment and trip blank samples, matrix spike/matrix spike duplicate ("MS/MSD") samples, surrogate compound spikes, and LCSs will be used to determine accuracy and potential bias of the sample data.

Data from method blank samples provide an indication of laboratory contamination that may result in bias of sample data. Sample data associated with method blank contamination will have been identified during the data verification/validation process. Sample data associated with method blank contamination are evaluated during the data validation procedure to determine if chemicals detected in samples associated with contaminated method blanks are "real" or are the result of laboratory contamination. The procedure for this evaluation involves comparing the concentration of the chemical in the sample to the concentration in the method blank sample taking into account adjustments for sample preparation and dilution factors. In general, sample data are qualified as not detected if the sample concentration is less than 5 times (10 times for common laboratory contaminants) the method blank concentration. If the affected sample result is less than the quantitation limit, the quantitation limit will be reported. If the affected sample result is greater than the quantitation limit, the quantitation limit will be elevated to the concentration detected in the sample.

Data from equipment and trip blank samples provide an indication of field conditions that may result in bias of sample data. The evaluation procedure and qualification of sample data associated with equipment and trip blank contamination is performed in a similar manner as the evaluation procedure for method blank sample contamination.

Equipment blank results are used to assess the effectiveness of equipment decontamination. An equipment blank consists of distilled water poured over or pumped through equipment and into sample containers. Equipment blanks will not be collected as part of the Well Investigation and Closure Plan ("WICP") because no equipment requiring decontamination will be used to obtain water samples. The water sample from each non-municipal well will be collected directly into 40-milliliter volatile organic analysis ("VOA") vials from a well port, nearby hose bib, or interior faucet.

Trip blanks are used to assess the potential introduction of contaminants resulting from sample handling or shipment. Trip blanks are prepared by the analytical laboratory and consist of VOA vials filled with laboratory water in the laboratory. Trip blanks are sent to the site with the sample containers, kept with samples during sample collection, and shipped back to the laboratory for analysis with the collected samples. For non-municipal water supply well sampling, one trip blank will be submitted per batch of water samples and will be analyzed for VOCs.

Matrix spike sample data provide information regarding the accuracy of the analytical methods relative to the sample matrix. Matrix spike samples are field samples that have been fortified with target compounds prior to sample preparation and analysis. The percent recovery data provide an indication of the effect that the sample matrix may have on the preparation and analysis procedure. Sample data exhibiting matrix effects will have been identified during the data verification/validation process.

Surrogate spike recoveries provide information regarding the accuracy/bias of organic analyses on an individual sample basis. Surrogate compounds are not expected to be found in the samples and are added to every sample prior to sample preparation. The percent recovery data provide an indication of the effect that the sample matrix may have on the preparation and analysis procedure. Sample data exhibiting matrix effects will have been identified during the data verification/validation process.

Analytical accuracy/bias will be determined by evaluating the percent recovery data of LCSs. LCSs are artificial samples prepared in the laboratory using a blank matrix fortified with target compounds from a standard reference material that is independent of the calibration standards. LCSs are prepared and analyzed in the same manner as the field samples. The percent recovery data from LCS analyses will provide an indication of the accuracy and bias of the VOC analytical method.

Percent recovery is calculated using the following formula:

$$\text{Percent Recovery} = \frac{\text{SSR - SR}}{\text{SA}} \times 100$$

where:

SSR = Spiked Sample Result

SR = Sample Result or Background

SA = Spike Added

Percent recovery for surrogate compounds and LCSs are determined by dividing the measured value by the true value and multiplying by 100.

Sample Representativeness

Representativeness of the samples will be assessed by reviewing sample holding times and data from field duplicate samples. Sample representativeness will be considered acceptable if holding time periods are met and field duplicate RPD data are acceptable.

Completeness

Completeness will be assessed by comparing the number of valid (usable) sample results to the total possible number of results within a specific sample matrix and/or analysis. Percent completeness will be calculated using the following formula:

$$\text{Percent Completeness} = \frac{\text{Number of Valid (Usable) Measurements}}{\text{Number of Measurements Planned}} \times 100$$

Completeness will be considered acceptable if 90 percent of the data are determined to be valid after performance of the data validation procedures. Data qualified as estimated will be deemed usable.

Comparability

Comparability of data sets will be evaluated by reviewing the sampling and analysis methods used to generate the data for each data set. Comparability will be determined to be acceptable if the sampling and analysis methods specified in the WICP and any approved WICP revisions or amendments are used for generating the data.

Sensitivity

Laboratory reports will adopt a method quantitation limit (i.e., reporting limit) that is equal to the non-detection value of 0.5 micrograms per liter ("µg/L") for individual chlorinated VOCs. Sensitivity will be considered acceptable if the quantitation limit for the samples is sufficient to achieve the detectability requirements for the investigation.

Quantitation limits may be elevated as a result of high concentrations of target compounds, non-target compounds, and matrix interferences (collectively known as sample matrix effects). In these cases, the sensitivity of the analyses will be evaluated on an individual sample basis relative to the applicable evaluation criteria. The need to investigate the use of alternate analytical methods may be required if the sensitivity of the analytical methods identified in the WICP cannot achieve the evaluation criteria as a result of sample matrix effects.

EXHIBIT 3: VAPOR INTRUSION INVESTIGATION WORK PLAN

PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

A Report Prepared For:

California Regional Water Quality Board
Lahontan Region
Attention: Mr. Brian Grey
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

VAPOR INTRUSION INVESTIGATION WORK PLAN
FORMER LAKE TAHOE LAUNDRY WORKS
1024 LAKE TAHOE BOULEVARD
SOUTH LAKE TAHOE, CALIFORNIA

AUGUST 17, 2023

By:

D R A F T

_____
Kristin M. Guthrie, P.G. No. 9090
Associate Geologist

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_____
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Principal Geologist

1021.001.01.008

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1.0 INTRODUCTION

This Vapor Intrusion Investigation Work Plan (Work Plan) has been prepared by PES Environmental, Inc., dba NV5 (NV5) in consultation with EKI Environment & Water, Inc. (EKI), on behalf of Seven Springs Limited Partnership (Seven Springs) and Fox Capital Management Corporation (Fox), for the former Lake Tahoe Laundry Works (LTLW) facility located at 1024 Lake Tahoe Boulevard in South Lake Tahoe, California (Site, Plate 1). The Work Plan is submitted and incorporated as a required action of the Stipulated Cleanup and Abatement Agreement (Stipulated Order) being prepared by the California Regional Water Quality Control Board, Lahontan Region (Water Board), Seven Springs, and Fox.

The Site is approximately 9,000 feet south of Lake Tahoe and approximately 5,500 feet south of the Tahoe Keys Property Owners Association residential community (Tahoe Keys). The Site is located on the southwest corner of the intersection of Lake Tahoe Boulevard (Highway 50) and Emerald Bay Road (Highway 89) within the South Y Shopping Center in an area locally referred to as the "South Y Area" (Plate 1). The Site overlies the Tahoe Valley South Subbasin (TVS Subbasin), which is a portion of the Tahoe Valley Groundwater Basin. Groundwater is the primary source of drinking water for communities adjacent to, and downgradient from the Site.

The scope of the vapor intrusion investigation described herein has been developed to further assess soil gas at select locations previously investigated by the Water Board's consultant, AECOM Technical Services, Inc. (AECOM). A summary of AECOM's soil gas investigation is provided below. The work to be performed was established by Water Board staff, Seven Springs, Fox, NV5, and EKI during virtual meetings conducted on March 13, 2023, April 5, 2023, and April 13, 2023, and is dependent on the ability of Seven Springs and Fox to obtain reasonable access to the properties to be investigated.

2.0 AECOM SOIL GAS INVESTIGATION

AECOM presented the results of recent passive soil gas (PSG) sampling in their document entitled *Soil Gas Investigation Summary Report, August 2022, South "Y" PCE Plume, South Lake Tahoe "Y" Area PCE Project, South Lake Tahoe, California*[1] (SGI Report), dated January 17, 2023. AECOM selected the PSG sample locations to represent "worst case conditions" for potential subsurface-to-indoor air vapor intrusion (VI). AECOM's field activities were completed in August 2022 and included the collection of 25 PSGs, as shown on Plate 2.

Plate 2 presents the PSG data obtained by AECOM within the South Y Area with the reported concentrations of perchloroethylene (PCE), trichloroethene (TCE), and benzene provided in micrograms per cubic meter ($\mu g/m^3$) and identifies PSG sample locations exceeding the Environmental Screening Levels (ESLs) developed by the California Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) for residential and commercial land uses.

[1] AECOM. June 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019-2020 Field Season*.

2.1 PCE Detection Summary

As described in AECOM's SGI Report and shown on Plate 2, eight PSG samples (i.e., SV-1-17, SV-1-10, SV-1-09, SV-1-07, SV-1-24. SV-1-04, SV-1-23, and SV-1-06) contained PCE concentrations above the residential ESL of 15 $\mu g/m^3$ and two samples (i.e., SV-1-22 and SV-1-25) contained PCE concentrations above the commercial ESL of 67 $\mu g/m^3$.[2] With the exception of sample SV-1-17, the samples that exceeded the residential ESL are located within a commercially zoned area of South Lake Tahoe. Application of residential screening criteria are not appropriate for locations within a commercial zone.[3] Sample SV-1-17 was collected over 3,000 feet northeast of the former LTLW. The sample location is located approximately 380 feet north of Norm's Auto Repair (2186 Ruth Avenue) and approximately 500 feet north of Crow's Auto Care (931 3rd Street). Sample SV-1-17 is separated from PCE-containing PSG samples collected within the commercially zoned area by sample SV-1-14 that contained PCE at 1.88 $\mu g/m^3$, which is less than the residential ESL, and samples SV-1-15 and SV-1-16 in which no PCE was measured above the laboratory analytical reporting limit of 1.13 $\mu g/m^3$. These low to non-detectable PCE concentrations in soil gas are consistent with the results of groundwater sampling conducted in the area by AECOM. PCE was not detected above the residential ESL for VI in shallow groundwater in samples from borings CPT-G05, CPT-H05, and CPT-I02 placed between the LTLW and sample location SV-1-17.[4]

Co-located PSG samples SV-1-22 and SV-1-25, which contained PCE concentrations greater than the commercial ESL, were obtained approximately 85 feet north of the former LTLW site and are immediately adjacent to a commercial property at 1959 Lake Tahoe Boulevard (which is immediately adjacent to the former Big O Tires site). PCE, measured at 390 $\mu g/m^3$ in SV-1-22 and 125 $\mu g/m^3$ in SV-1-25, were the highest concentrations detected in the PSG samples; AECOM estimated potential human health risks to be 5.8×10^{-6} and 1.9×10^{-6} based on commercial exposure to PCE in samples SV-1-22 and SV-1-25, respectively.

2.2 TCE Detection Summary

As described in AECOM's SGI Report and shown on Plate 2, two PSG samples (i.e., SV-1-07 and SV-1-09) contained TCE concentrations above the residential ESL of 16 $\mu g/m^3$ and no samples contained TCE concentrations above the commercial ESL of 100 $\mu g/m^3$. Both samples that exceeded the residential ESL are located within a commercially zoned area of South Lake Tahoe. As noted above, application of residential screening criteria are not appropriate for locations within a commercial zone.[5]

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[2] AECOM performed paired sampling consisting of SV-1-24 and SV-1-04, and SV-1-22 and SV-1-25. The co-located samples in each of these two pairs were collected approximately 3 feet from one another.

[3] SFRWQCB. 2019. *User's Guide: Derivation and Application of Environmental Screening (ESLs). Interim Final (Revision 1)*, at 2-11-2-12.

[4] AECOM (2022). *supra* n. 1.

[5] SFRWQCB (2019). *supra* n. 3.

2.3 Benzene Detection Summary

As shown on Plate 2, 10 samples (i.e., SV-1-21, SV-1-20, SV-1-19, SV-1-18, 15, SV-1-14, SV-1-09, SV-1-02, SV-1-04, SV-1-24, SV-1-12) contained benzene concentrations above the residential ESL of 3.2 $\mu g/m^3$ developed by the SFRWQCB, and six samples (i.e., SV-1-18, SV-1-08, SV-1-07, SV-1-01, SV-1-11, SV-1-13) contained benzene concentrations above the commercial ESL of 14 $\mu g/m^3$. All but four samples that exceeded the residential ESL are located within a commercially zoned area of South Lake Tahoe. The application of residential screening criteria is not appropriate for locations within a commercial zone.[6] Benzene contamination can occur from leaking underground storage tanks and from commercial or industrial sites where benzene is often present as a component of gasoline and petroleum products. There are multiple potential sources of benzene within the South Y Area including gasoline stations, oil change facilities, and automotive repair shops. Previous soil gas surveys confirmed the presence of benzene and PCE in soil gas at the former Big O Tires site.[7]

2.4 Screening Levels Discussion

The results of the AECOM PSG sampling were compared to ESLs developed for residential and commercial settings. ESLs are not cleanup goals. The SFRWQCB states ESLs are intended to quickly distinguish which sites pose a significant threat.[8] A site does not necessarily pose a threat if contaminant concentrations are above ESLs. This condition simply means that further investigation or evaluation might be warranted to assess the potential threat.[9]

The U.S. Environmental Protection Agency (U.S. EPA) uses the general 1×10^{-4} to 1×10^{-6} risk range as a "target range" within which the agency strives to manage risks as part of a site cleanup. Once a decision has been made to take action, the U.S. EPA has expressed a preference for cleanups achieving the protective end of the range (i.e., 1×10^{-6}).[10] Yet, cleanups to a higher risk level are possible at sites with commercial/industrial land use. For example, the Los Angeles Regional Water Quality Control Board and the Department of Toxic Substances Control (DTSC) have accepted cleanup goals based on a VI cancer risk of 1×10^{-5} for the former Chromalloy Los Angeles facility,[11] former Master Sun Cleaners site,[12] KB

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[6] SFRWQCB (2019). *supra* n. 3.

[7] Welsh Hagen Associates. November 10, 2020. *Passive Soil Gas Investigation Work Plan, Former Big O Tires Site, 1961 Lake Tahoe Boulevard, South Lake Tahoe, California*.

[8] SFRWQCB (2019). *supra* n. 3, at 1-5.

[9] *Id.*

[10] U.S. EPA. April 22, 1991. *Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions*. Office of Solid Waste and Emergency Response. OSWER Directive No. 9355.0-30, at 4.

[11] Los Angeles Regional Water Quality Control Board. November 24, 2015. *Review of Additional Site Investigation and Indoor Air Human Health Risk Assessment Report, Chromalloy Los Angeles, 2100 West 139th Street, Gardena, California*, at 2.

[12] Department of Toxic Substances Control (DTSC). September 12, 2011. *Soil Gas Sampling Report, Former Master Sun Cleaners, 2405 West Rosecrans Blvd., Gardena, CA (R4-11-18; OEHHA #880270-01)*. Integrated Risk Assessment Branch, at 2.

Gardena Building, LLC. Property,[13] and former Hibco Corporation facility at 12620 Cerise Avenue in Hawthorne.[14] In additional, the State of California Environmental Protection Agency (CalEPA) considers exposure to chemicals in a commercial setting to be insignificant if the exposure results in a potential cancer risk less than 1 x 10^{-5}.[15]

3.0 SCOPE OF WORK

The objective of the active soil gas investigation described in this Work Plan is to further assess the subsurface vapor conditions to evaluate the potential for VI within occupied buildings. This objective will be accomplished by: (1) installing and sampling multi-depth soil gas probes positioned to confirm the results of the AECOM PSG samples that exceeded either residential or commercial ESLs; (2) delineating the extent of PCE in soil gas at locations where AECOM PSG samples exceeded either residential or commercial ESLs; and (3) assessing conditions in soil gas adjacent to the building located at 1959 Lake Tahoe Boulevard. Plates 3 through 8 show 17 proposed multi-depth active soil gas sample locations, which have been identified based on the results AECOM's SGI report. In accordance with the DTSC *Supplemental Guidance: Screening and Evaluating Vapor Intrusion* (Supplemental Guidance),[16] active soil gas sampling is generally preferred as a line of evidence for assessing VI threats where groundwater is impacted by volatile organic compounds (VOCs). The Supplemental Guidance specifies that soil gas probes should be installed as close as possible to the building on the side(s) of building where VOC concentrations are expected to be the highest.

3.1 Pre-Field Activities

Before conducting the investigation, NV5 will:

- Prepare and execute a site access agreement with the current property owners of 1959 Lake Tahoe Boulevard;
- Obtain encroachment permits from the City of South Lake Tahoe;
- Obtain drilling permits from El Dorado County Environmental Management Department;
- Contact Underground Service Alert to schedule visits by public and private utility companies to locate their underground utilities;

[13] DTSC. February 5, 2015. *Draft Soil Gas Target Concentration Revisions, Comparison to Soil Gas Surveys, and Recommendation for Soil Vapor Extraction (SVE) Deactivation, for the KB Gardena Building, LLC Site, 13720 South Western Avenue, Gardena, CA 90249*. Human and Ecological Risk Office, at 2.

[14] Amec Foster Wheeler Environment & Infrastructure, Inc. September 16, 2015. *Risk-Based Remediation Goals in Soil Vapor Hibco Parking Lot Area, 12620 Cerise Avenue, Hawthorne, California*, at 2.

[15] Office of Environmental Health Hazard Assessment. February 2013. *Proposition 65 in Plain Language*. CalEPA, at 3.

[16] DTSC and State Water Resources Control Board. February 2023. *Supplemental Guidance: Screening and Evaluating Vapor Intrusion (Final Draft)*.

- Retain a private utility locator to survey the sample locations for underground utilities;
- Coordinate site access with the property owner and tenants, as necessary;
- Prepare a site-specific health and safety plan (HASP); and
- Procure subcontractors for soil gas sampling and analysis.

3.2 Soil Gas Sampling Approach

Field activities will be performed in general accordance with available guidance documents, including the *Advisory for Active Soil Gas Investigations* (ASGI) published by the DTSC, Regional Water Quality Control Board, Los Angeles Region (LARWQCB) and SFRWQCB dated July 2015,[17] the *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air,*[18] and the *Vapor Intrusion Mitigation Guidance, Technical Resource Document*.[19]

Soil gas sampling will be conducted twice over an approximate six-month period, unless the results of the initial sampling indicate indoor air sampling is required. Plate 9 presents the VI Flowchart from the Supplemental Guidance and the VI investigation will be conducted consistent with DTSC and SWRCB's guidance document. As shown on the VI Flowchart, if the initial soil gas sampling results indicate the potential cancer risk to receptors is less than 1.0×10^{-6} and the non-cancer hazard index (HI) is less than 1, the scope of work will include a second round of sampling the soil gas probes. Alternatively, and as shown on the VI Flowchart, if the initial soil gas sampling results indicate the potential risk is equal to or greater than 1.0×10^{-6} or the HI is equal to or greater than 1, the scope of work will proceed directly to assessment of VI risk using indoor air sampling. The process to be followed is described in further detail in Section 5, below.

Soil gas sampling will be conducted immediately after installation of the probes and approximately six months after the initial sampling to assess the impacts of seasonal variability on soil gas conditions. Soil gas sampling will be performed under the oversight of a California-licensed professional geologist or engineer.

3.2.1 Proposed Soil Gas Sample Locations

Plates 3 through 8 show 17 proposed multi-depth active soil gas sample locations, based on the results AECOM's SGI report. Plate 3 provides an overview of the sample locations and Plates 4 through 8 provide location-specific information. The locations are based on exceedances of the residential or commercial ESLs of benzene and/or PCE, as discussed in Section 1. As shown on Plate 4, four of the 17 locations will be located adjacent to the building located at

[17] DTSC, LARWQCB, and SFRWQCB. July 2015. *Advisory – Active Soil Gas Investigations*.
[18] DTSC. October 2011. *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*.
[19] SFRWQCB. June 2022. *Vapor Intrusion Mitigation Guidance, Technical Resource Document*.

1959 Lake Tahoe Boulevard. Two of these locations will be on the eastern side of the building. One proposed sample location will be in the vicinity of the SGI Report locations SV-1-22 and SV-1-25. The other locations will be advanced in public rights-of-way with the soil gas probes installed as close as practicable to the prior AECOM sample location, as shown on Plates 5 through 8.

Permanent probes will be set at 5 and 15 feet below ground surface (bgs) in individual boreholes. If groundwater were to be encountered at depths shallower than 15 feet bgs, the deep soil gas probe will be placed approximately 1-foot above first encountered groundwater, but not shallower than 10 feet bgs. A nominal 2-inch diameter hole will be advanced to the target depth utilizing a truck mount direct-push rig or limited-access equipment. Continuous soil cores will be collected by driving a 2-inch outside-diameter (OD) open-tube sampler lined with a clear acetate sleeve into undisturbed soil. An NV5 geologist or engineer will observe the soil borings, collect soil samples, and prepare a lithologic log at each gas probe using the Unified Soil Classification System (USCS) and Munsell Color Index. The soil cores will be field-screened for VOCs using a photoionization detector (PID) equipped with a 10.6 eV photoionization lamp, and the PID reading will be recorded on each boring log.

Each soil gas probe will consist of ¼-inch OD Teflon tubing and a porous vapor probe tip that is approximately 1-¾ inches in length. A minimum 1-foot-thick sand pack will be centered around each probe tip. One foot of dry granular bentonite will be placed on top of the sand pack. Hydrated granulated bentonite will be placed on top of the dry granulated bentonite. The tubing for 5- and 15-feet probes will be housed within flush-mounted, traffic-rated well boxes.

A default of three purge volumes will be extracted prior to collecting the vapor samples. A six-liter SUMMA canister will be used to purge the stagnant air. The purge volume is calculated using the volumes of: (1) the internal volume of the tubing; and (2) the void space in the concrete below the soil gas probe. In accordance with the ASGI, purging and collection of soil gas samples should be performed using a flow rate of 100 to 200 milliliters per minute (mL/min) while maintaining a low vacuum of less than 100 inches of water to mitigate ambient air breakthrough into samples.

Following completion of the shut-in leak test and purging, sample train leak testing will be performed using helium gas. A helium detector will be allowed to remain in place for the duration of sampling, and helium will be kept at 20% within the shroud. The shroud will remain in place for the duration of sampling.

A 1-liter vapor sample SUMMA canister, batch-certified clean by a California-certified analytical laboratory, will be utilized to collect each soil gas sample. Each canister will be filled until the vacuum gauge reads approximately 5 inches of mercury (Hg) or less. The sample will be collected using a flow rate of 100 to 200 milliliters per minute (mL/min) and maintaining a vacuum of less than 100 inches of water to mitigate ambient air breakthrough into the sample.

Soil gas samples and duplicates will be analyzed by a California-certified analytical laboratory for VOCs using USEPA Test Method TO-15-SIM; and oxygen, methane, carbon dioxide, and helium by ASTM D 1946.

All investigation-derived waste generated during the investigation will be temporarily stored on the LTLW site in steel 55-gallon drums pending offsite disposal. The waste will be characterized, transported, and disposed of at an appropriately licensed off-Site disposal facility.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

Quality control (QC) procedures will be implemented to ensure the integrity of samples, assess the quality of collected data, and to provide validation of the results. The QC procedures will include: (1) following chain-of-custody protocol; and (2) internal laboratory procedures.

Quality assurance and quality control (QA/QC) samples will also be collected. One field duplicate sample will be collected and analyzed, and one trip blank will be utilized each day. The field duplicate will be collected concurrently with the original sample. The trip blank will consist of a certified clean canister that is supplied by the laboratory and will accompany the other samples to the field and back to the laboratory.

4.1 Soil Gas Sample Custody Procedures

Sample custody procedures will be followed through the sample collection, transfer, and analysis to ensure that the integrity of samples was maintained during their collection, transportation, and storage prior to analysis. The laboratory-provided SUMMA canisters will be labeled, packaged, and stored in a controlled environment prior to delivery to a California-certified analytical laboratory. Each sample will be assigned a sample number and logged on the chain-of-custody record. The chain-of-custody record will accompany the sample shipment to the laboratory to document the sample possession from the time of collection.

4.2 Analytical Laboratory Quality Control Procedures

A California-certified analytical laboratory will perform the chemical analyses of the soil gas samples. The soil gas samples and duplicates will be analyzed Eurofins Environment Testing Air Toxics of Folsom, California. Vapor analyses will be performed using U.S. EPA Test Method TO-15 SIM and oxygen, methane, carbon dioxide, and helium by ASTM D 1946. Analytical services will be documented in a report prepared by the laboratory that includes the following information:

- Analytical method detection and reporting limits;
- Chain-of-custody records;
- Method blanks; and
- Laboratory control sample recoveries.

The goals for laboratory accuracy, precision, and completeness will be based on the results of the analyses of matrix spike/matrix spike duplicate (MS/MSD) using spike compounds as well as surrogate spike.

5.0 REPORTING, ADDITIONAL VI ASSESSMENT, AND APPROPRIATE RESPONSE ACTIONS

A description of the methods and procedures of the above-referenced scope of work will be presented in a report along with the results of the investigation activities. The report will also provide tabulated data, illustrations of contaminant concentrations, laboratory reports, findings of the completed scope of work, and recommendations.

Further, the soil gas sample analytical results will be submitted electronically to the State Water Resources Control Board GeoTracker database, and the data generated from this investigation will be submitted in both hard copy and electronic format.

Conclusions of the investigation will be used to inform project decisions as shown in the VI Flowchart (Plate 9). As shown on the VI Flowchart, if the initial soil gas sampling results indicate the potential cancer risk to receptors is less than 1.0×10^{-6} and the non-cancer HI is less than 1, the scope of work will include a second round of soil gas sampling from the soil gas probes to evaluate temporal variability. If the results of the second round of sampling are consistent with the first round of sampling (i.e., $< 1.0 \times 10^{-6}$ and HI < 1), the sample location will be characterized to be a low VI priority location and no further sampling will be conducted. The soil gas probes will be destroyed under permit and documented in a report to the Water Board.

Alternatively, if the initial soil gas sampling results indicate the potential cancer risk to receptors is equal to or greater than 1.0×10^{-6} or the non-cancer HI is equal to or greater than 1, the scope of work will proceed directly to assessment of VI risk using indoor air sampling. Prior to conducting indoor air sampling, a public participation plan, which is a required action under the Stipulated Order, will be followed to perform outreach to individual property owners and building occupants to plan, schedule and conduct visits to the potentially impacted property. Following the outreach and upon successful execution of an access agreement with the property owner, indoor air sampling and installation and sampling of sub-slab vapor samples (or additional soil gas probes in locations that are not conducive to sub-slab vapor sample installation) (e.g., no hardscape is present adjacent to the building and/or the building is not constructed with an on grade concrete slab) will be conducted in accordance with steps 3B and 3C described in the VI Flowchart.

As described in step 3D in the VI Flowchart, the results of the indoor air and sub-slab vapor analytical results will be evaluated using the maximum indoor air and sub-slab vapor concentrations. If the indoor air sampling results indicate the potential risks to receptors are less than 1.0×10^{-6} and HI of 1, the scope of work will include a second round of indoor air sampling within the building to evaluate temporal variability. The second round of indoor air

sampling would be conducted in a different season and will be conducted with the heating, ventilation, air conditioning (HVAC) system off if the HVAC system was operating during the first sampling event. If the results of the second round of indoor air sampling indicate that the potential risk to receptors are less than 1.0×10^{-6} and HI of 1, the building will be characterized as a low VI priority location and no further sampling will be conducted. The sub-slab vapor probes (and/or soil gas probes) will be removed, and the hardscape surface will be restored to its prior condition, to the extent practicable.

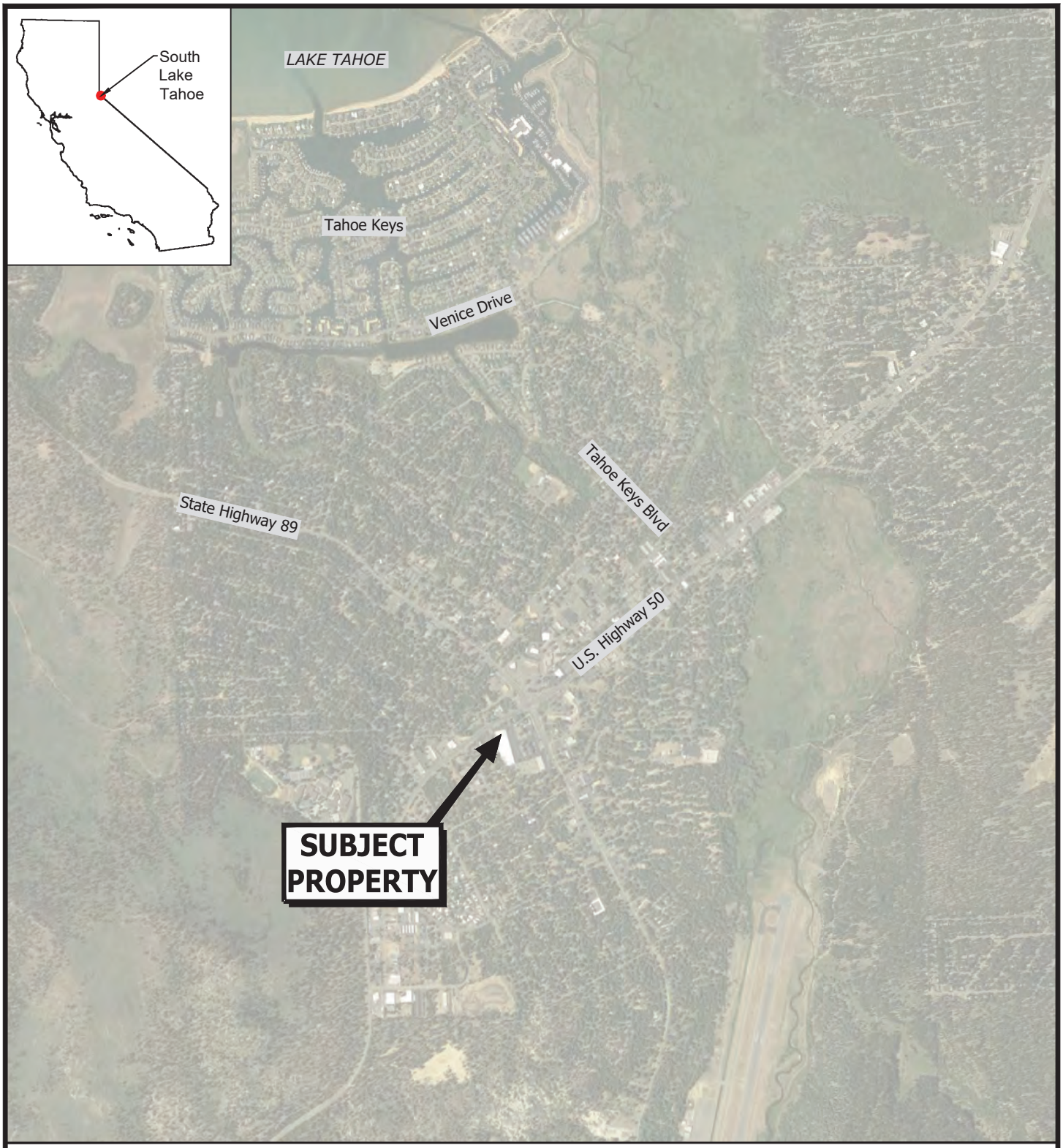
If the initial indoor air sampling results indicate the potential cancer risk is equal to or greater than 1.0×10^{-6} or non-cancer HI is equal to or greater than 1, the scope of work will proceed directly to determination of risk management to mitigate the potential risk of exposure. In accordance with the Supplemental Guidance, the results will be evaluated in a human health risk assessment (HHRA), which also is a required action under the Stipulated Order, to help determine the appropriate response actions, if any. Selection of specific response actions to protect current building occupants from VI will be made on a case-by-case basis, considering the nature and magnitude of the indoor air risk and hazard consistent with the Supplemental Guidance. As described in the Supplemental Guidance, VI mitigation is the preferred action for reducing unacceptable levels of current VI exposure until the source of the VI has been remediated to acceptable levels.

A VI Mitigation Plan would be prepared for each building that has unacceptable VI conditions as documented in the HHRA. Mitigation approaches and technologies include short term and long-term measures and require post-implementation monitoring. The VI Mitigation Plan would identify what response actions are appropriate and would present the methods and procedures for implementing the response actions. Upon approval of the VI Mitigation Plan by Water Board staff, the proposed response actions would be implemented.

In the event indoor air sampling is required based on the results of the initial or follow-up sampling, the indoor air sampling will be conducted following the procedures presented in Appendix A. If sub-slab vapor probes are required to assess soil gas conditions beneath or immediately adjacent to structures, the sub-slab vapor probes will be installed and sampled in accordance with the methods and procedures presented in Appendix B.

With respect to vapor intrusion impacts to be investigated under this Work Plan, in accordance with the Stipulated Order, this Work Plan does not impose obligations on SSLP Seven Springs and Fox to address discharges by other parties initiated after the date the Stipulated Order is adopted or, following completion of the HHRA evaluation described above, to further evaluate or mitigate contamination arising primarily from discharges originating off-Site. Thus, in the event the sampling and evaluation performed under this Work Plan identify a need for response actions as a result of such contamination, preparation and implementation of the VI Mitigation Plan and/or performance of additional rounds of indoor air sampling or sub-slab vapor testing will be the responsibility of parties other than Seven Springs and Fox.

ILLUSTRATIONS

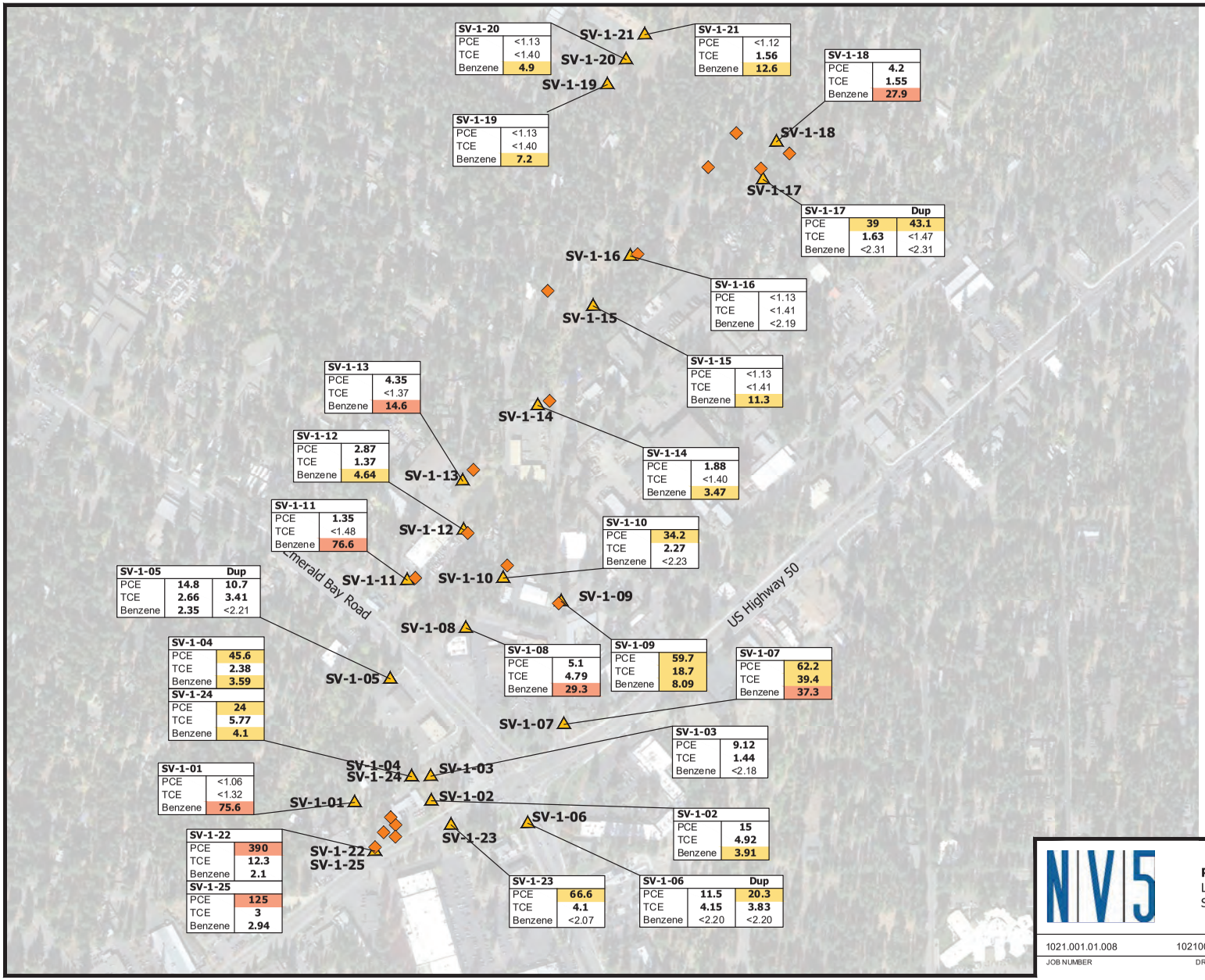


Aerial Photo: July 13, 2016 (Google 2023)

Site Location
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
1

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



Explanation

OPSG-1 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

Notes:
All data is shown in micrograms per cubic meter (µg/m3)
Depths shown in feet below ground surface
Detections are shown in **bold**
<1.06 = Not detected at or above the indicated reporting limit
Results which exceed the San Francisco Bay Regional Water Quality Control Board (RWQCB) 2019 Residential Environmental Screening Level (ESL) are shaded yellow
Results which exceed the San Francisco Bay RWQCB 2019 Residential and Commercial/Industrial ESL are shaded orange
Residential ESLs:
PCE = 15 µg/m^3
TCE = 16 µg/m^3
Benzene = 3.2 µg/m^3
Commercial/Industrial ESLs:
PCE = 67 µg/m^3
TCE = 100 µg/m^3
Benzene = 14 µg/m^3
PCE = tetrachloroethene
TCE = trichloroethene
Dup = Duplicate

N

0 400

SCALE IN FEET

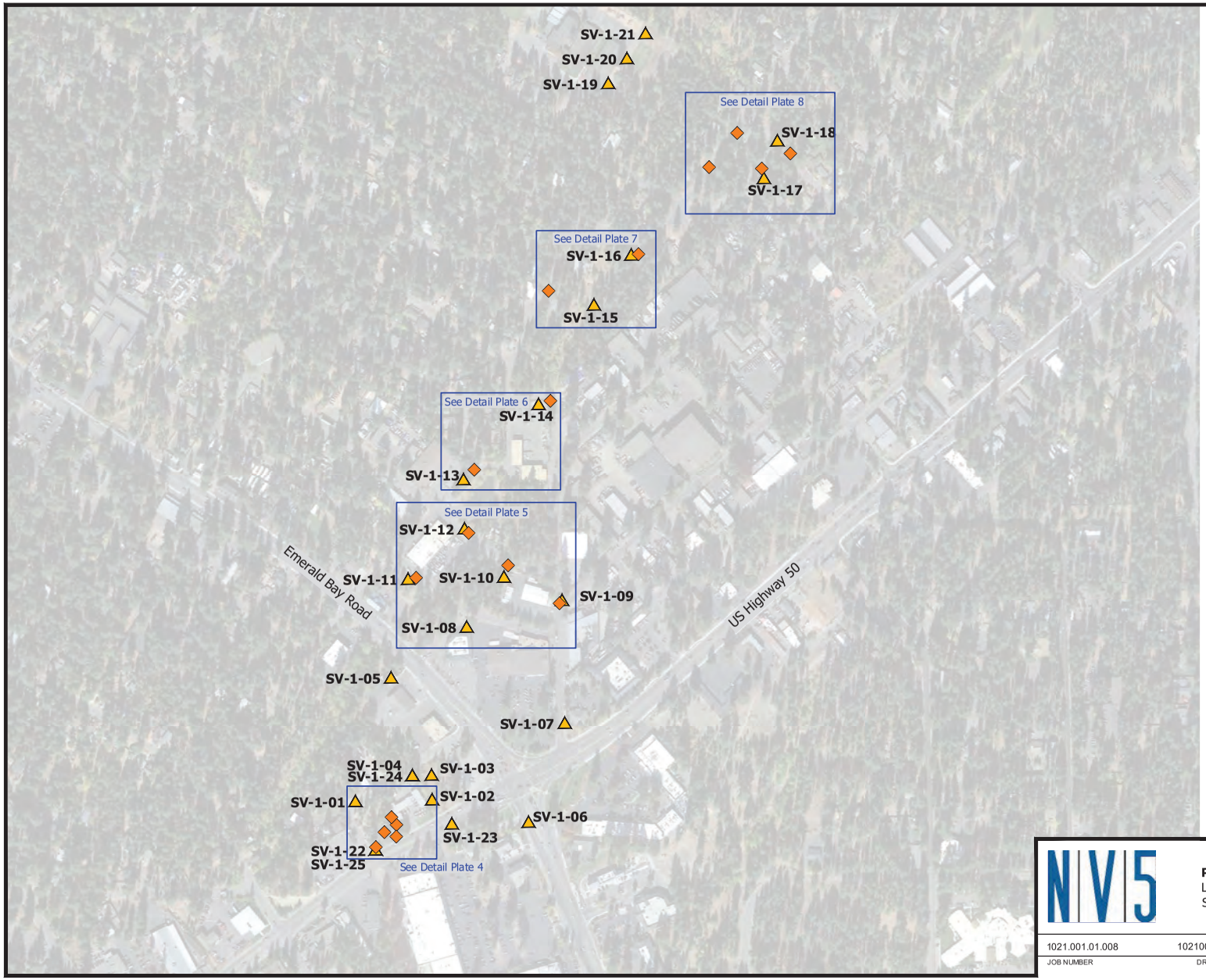
Note: The original version of this figure includes color-designated features. A black and white copy of the figure may not accurately represent the information originally presented.
Aerial Photograph: October 23, 2020 (Google 2023)

NV5

Prior Soil Vapor Sampling Data
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 2

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



Explanation

OPSG-1 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

N

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Note: The original version of this figure includes color-designated features. A black and white copy of the figure may not accurately represent the information originally presented.
Aerial Photograph: October 23, 2020 (Google 2023)

NV5

Proposed Soil Vapor Sampling
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 3

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

SV-1-01 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

N

0 30

SCALE IN FEET

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Aerial Photograph: October 23, 2020 (Google 2023)

NV5

Soil Vapor Sampling Detail - SV-1-22 and SV-1-25
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 4

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

SV-1-12 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

N

0 60

SCALE IN FEET

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Aerial Photograph: October 23, 2020 (Google 2023)

NV5

Soil Vapor Sampling Detail - SV-1-9 through SV-1-12
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 5

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

SV-1-14 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

N

0 40

SCALE IN FEET

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Aerial Photograph: October 23, 2020 (Google 2023)

NV5

Soil Vapor Sampling Detail - SV-1-13 and SV-1-14
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 6

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

SV-1-16 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

N

0 40

SCALE IN FEET

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Aerial Photograph: October 23, 2020 (Google 2023)

NV5

Soil Vapor Sampling Detail - SV-1-15 and SV-1-16
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 7

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

SV-1-18 Approximate PSG Sample Location

Proposed Soil Gas Sample Location

N

0 50

SCALE IN FEET

Note: The original version of this figure includes color-designated features. A black and white copy of the figure may not accurately represent the information originally presented.
Aerial Photograph: October 23, 2020 (Google 2023)

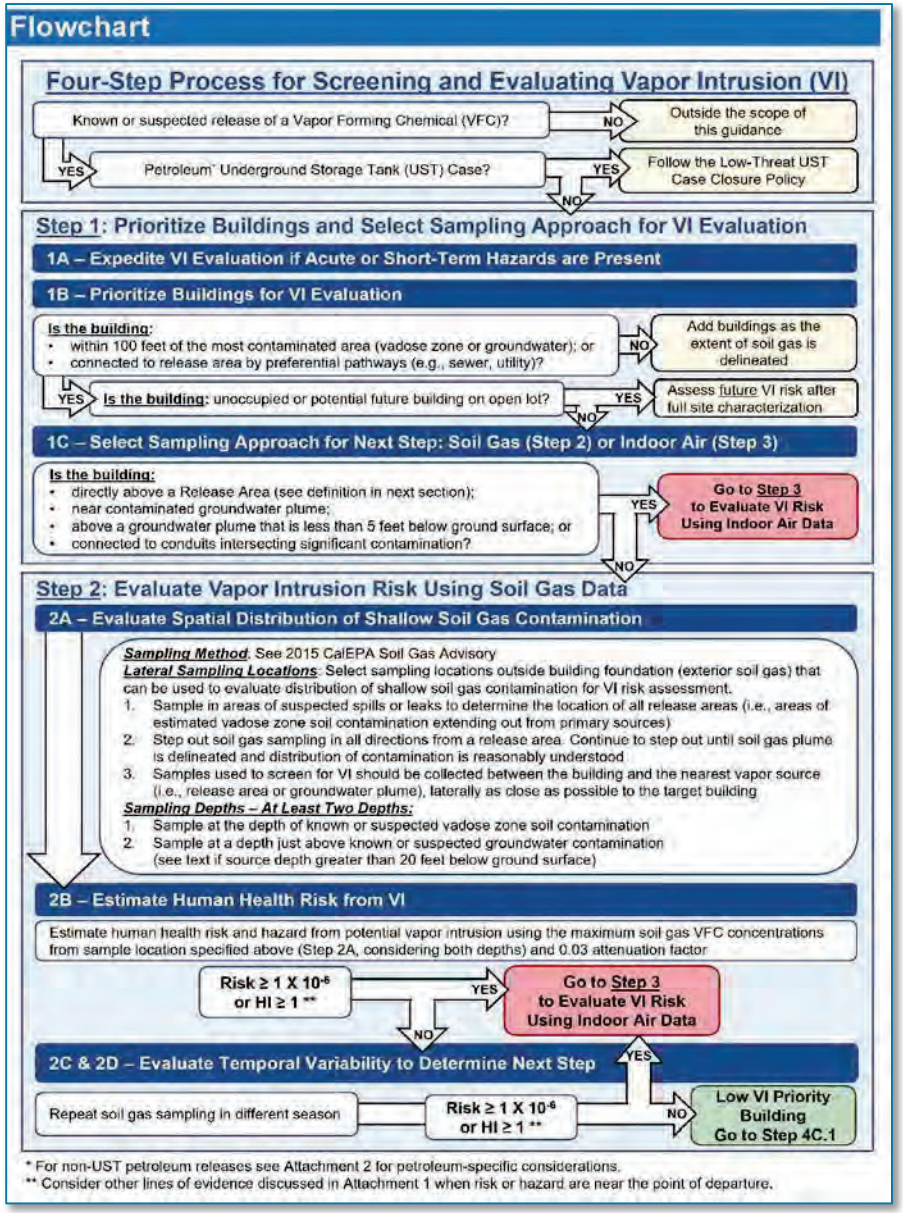
NV5

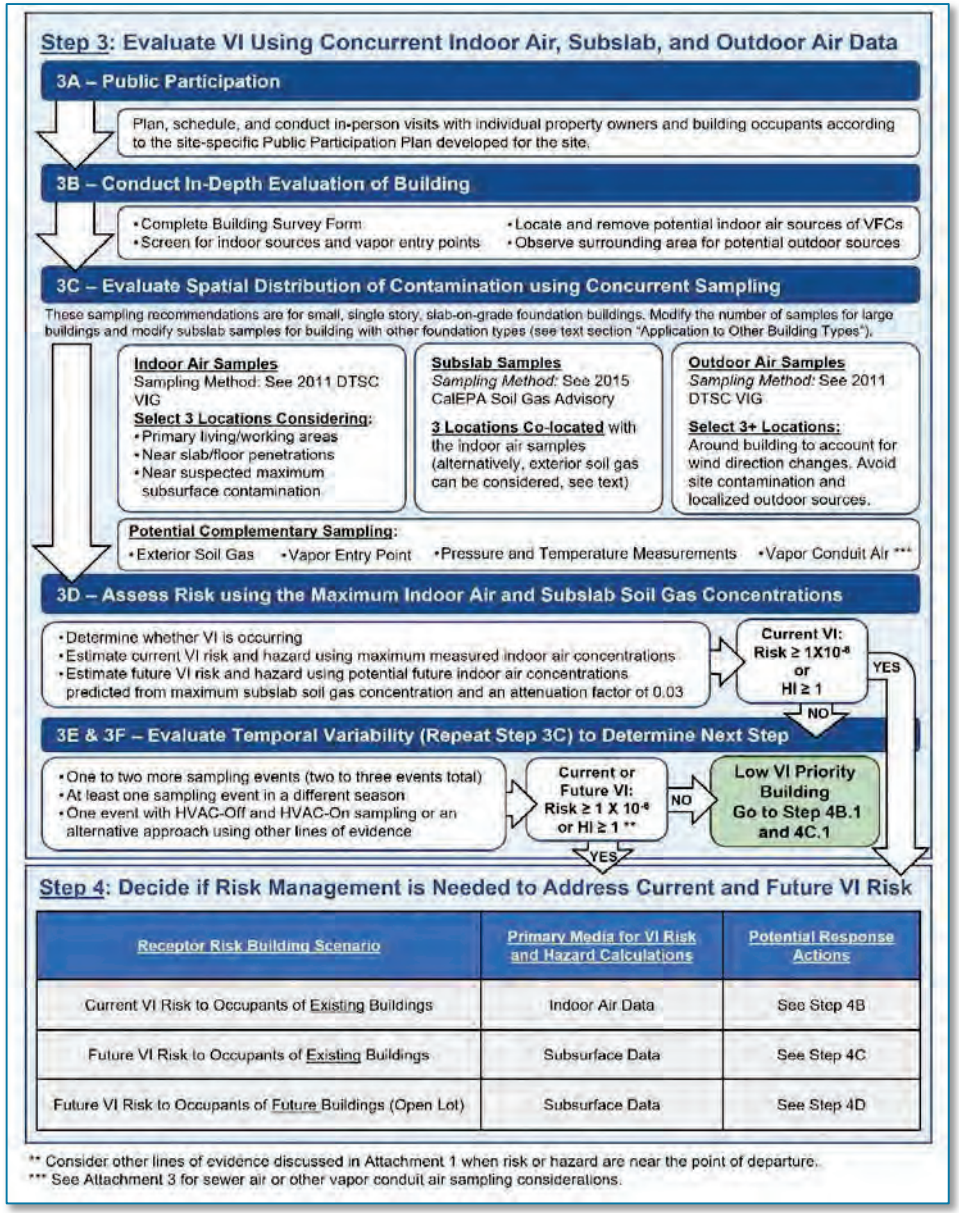
Soil Vapor Sampling Detail - SV-1-17 and SV-1-18
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE 8

1021.001.01.008	102100101008_WP_1-8	DRAFT	8/23
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Vapor Intrusion Flowchart





Source: Department of Toxic Substances Control (DTSC) and California State Water Resources Control Board (SWRCB), 2023. *Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft*. February.

Vapor Intrusion Flowchart
Lake Tahoe Laundry Works
South Lake Tahoe, California

PLATE
9

APPENDIX A

STANDARD OPERATING PROCEDURE (SOP) – INDOOR AIR SAMPLING

APPENDIX A

STANDARD OPERATING PROCEDURE (SOP)
INDOOR AIR SAMPLING

INTRODUCTION

The purpose of this Standard Operating Procedure (SOP) is to establish common installation and collection methods for use by various technical staff and subcontractors for collecting indoor air samples for volatile organic compound (VOC) analysis. The procedures described below have been developed in accordance with the DTSC' *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance), dated October 2011 and the Supplemental Guidance dated February 2023.

PRELIMINARY ACTIVITIES

NV5 will conduct a building walk-through to confirm sample locations. A photo-ionization detector (PID) capable of measuring total volatile organic compounds (VOCs) as parts per billion in air (ppbv) will be used to monitor for the potential presence of VOCs in indoor air, and may guide the selection of sample locations. The Building Survey Form and Building Screening Form provided in the Supplemental Guidance will be used to document this information. An inventory of chemical products, as well as observations of any significant floor penetrations, will be included with this building survey. The potential for significant likelihood of false positives will be evaluated on the basis of the building survey.

SAMPLING APPROACH

In accordance with applicable guidelines, the following details were considered during development of this SOP:

- Sampling Duration – indoor air and outdoor ambient samples will be conducted over the anticipated daily occupational period of 8 hours for a commercial/retail setting and 24 hours for a residential setting;
- Seasonal Variations – seasonal sampling (summer/fall and winter/spring) should be considered to address potential variations in VOC concentrations associated with seasonal changes; and
- Analytical Test Method – USEPA Method TO-15 Selective Ion Monitoring (SIM) will be used to analyze the air samples.

Two types of samples will be collected: (1) indoor air samples; and (2) outdoor or ambient air samples.

Indoor Air Samples

To evaluate indoor air quality one indoor air sample (and a duplicate sample) will be collected at the drycleaners tenant space.

Outdoor/Ambient Air Samples

To evaluate the quality of ambient air in the vicinity of the building(s), two outdoor/ambient air samples will be collected from the outdoor areas in the breathing zone of the site, one upwind and one downwind.

AIR SAMPLE COLLECTION EQUIPMENT

Indoor and outdoor air samples will be collected in 6-liter stainless-steel Summa canisters. The canisters will be individually certified cleaned by a state-certified laboratory prior to submittal to NV5. The Summa canisters will be shipped from the laboratory with a high vacuum (approximately 29 inches of mercury [in. Hg]). The laboratory will also supply the flow controller assembly (with particulate filter and vacuum gauge), and Teflon sampling hose. Prior to shipment, the laboratory will confirm the flow rate for each controller and certify that the controllers are clean. The flow controller will be set to collect the optimum volume of air for laboratory analysis over the designated sampling period (8 hours for commercial buildings). A net negative pressure will be maintained in the canister.

An extra canister will be ordered from the laboratory in the event that the initial vacuum is too low (indicative of leakage) or if the flow controllers do not operate properly (the vacuum drops too rapidly) during sample collection.

SAMPLING HEIGHT AND COLLECTION PERIOD

The height of both indoor and outdoor/ambient sample collection will be 3 to 5 feet above the ground or floor surface to represent actual indoor breathing space.

SAMPLE COLLECTION PROCEDURES

The air sample collection will follow the procedures as follows:

1. Remove canisters from the shipping containers and check that all equipment components are present, and the canister valves are closed;
2. Label each canister with the sample number and record the sample number, canister ID and flow controller serial number. Sample IDs will include an arbitrary sample number and is, therefore, submitted “blind” to the laboratory without their knowledge of which station the sample was obtained from;

3. Remove the plug from the canister valve and tightly attach the sampling train (i.e., the vacuum gauge, particulate filter, and pre-calibrated flow controller unit). Ensure that all connections are tight to minimize the potential for a leak in the sampling train;

4. Open and close the canister valve to record the initial vacuum. When the valve is opened, the gauge should register greater than 25 in. Hg. Record the initial vacuum reading on the chain-of-custody form. If the canister vacuum is less than 25 in. Hg, the canister should not be used;

5. Check that the canister valve is closed;

6. Place the canister at the designated sample location and adjust the height of the sampling inlet to the selected breathing zone (3 to 5 feet above ground or floor surface) using the laboratory supplied Teflon tubing and a tubing holding stand;

7. Open the valve and record the start time on the chain-of-custody form;

8. Check the sampling canister vacuum approximately mid-way through the sampling period (using the vacuum gauge provided with the flow-controller) to assess whether the vacuum is decreasing at the expected rate using the vacuum gauge provided with the flow controller. If the vacuum is decreasing faster than the flow-controller settings, turn the canister off (close the valve) before it reaches 2 in. Hg, which may occur prior to completion of the intended sampling interval;

9. At the end of the 8-hour sampling period, close the valve and record the time and vacuum on the chain-of-custody form;

10. Remove the sampling train and replace the plug on the canister valve;

11. Return the canisters and sampling equipment to the laboratory for analysis with the chain-of-custody form. Analyze the samples within 14 days of sample collection; and

12. Obtain a summary of weather conditions (temperature, barometric conditions, and wind speeds) in the area during the sampling period.

LABORATORY ANALYTICAL METHOD

The samples will be analyzed for VOCs by USEPA Method TO-15 SIM. The SIM procedure allows for significantly lower reporting limits, in comparison to the standard TO-15 method.

APPENDIX B

STANDARD OPERATING PROCEDURE (SOP)
SUB-SLAB SOIL GAS PROBE INSTALLATION AND SAMPLING

APPENDIX B

STANDARD OPERATING PROCEDURE (SOP)
SUB-SLAB SOIL VAPOR PROBE INSTALLATION AND SAMPLING

INTRODUCTION

The purpose of this Standard Operating Procedure (SOP) is to establish common installation and collection methods for use by various technical staff and subcontractors for installing sub-slab soil vapor probes and collecting sub-slab soil vapor samples for volatile organic compound (VOC) analysis. The procedures described below have been developed in accordance with the *Advisory for Active Soil Gas Investigations* (ASGI) published by the DTSC, the RWQCB Los Angeles Region and SFRWQCB dated July 2015[1].

PRELIMINARY ACTIVITIES

Before conducting the investigation, NV5 will:

- Contact Underground Service Alert to schedule visits by public and private utility companies to locate their underground utilities. In addition, a private underground utility locating contractor, will clear the locations for subsurface utilities to the extent possible;
- Coordinate access to the selected property; and
- Coordinate with the subcontractors to schedule the investigation field activities.

NV5 will prepare a Site-specific Health and Safety Plan, which complies with applicable federal and California Occupational Safety and Health Administration (OSHA) guidelines, for use during the implementation of the work.

SUB-SLAB SOIL GAS PROBE INSTALLATION METHODS

Each sub-slab sampling probe will be installed by drilling a 5/8-inch diameter hole through the concrete slab and into the underlying fill material using a hand-operated rotary hammer drill. A sub-slab implant, consisting of a 3-inch long purpose-made brass barb fitting and silicone sleeve (Vapor Pin™, manufactured by Cox-Colvin & Associates of Plain City, Ohio), will be advanced into the drill hole. Each implant barb will be fitted with a vapor- and water-tight rubber cap. Each sub-slab vapor sampling point will be allowed to equilibrate for a minimum of two hours after installation prior to sample collection.

[1] DTSC. July 2015. *Advisory – Active Soil Gas Investigations*.

Each implant will be connected to a clean laboratory-provided vapor purging and sampling apparatus (e.g., SUMMA™ canister) using new Teflon™ tubing, followed by a shut-in test on each sampling apparatus for a minimum one-minute period, as described above. Following a successful shut-in test, the sample tubing and sub-slab implant will be purged of a minimum of three volumes. Purging and collection of sub-slab vapor samples will be performed using a flow rate of 100 to 200 milliliters per minute (mL/min) and maintaining a vacuum of less than 100 in-H_2O to mitigate ambient air breakthrough into the samples.

Following completion of the shut-in leak test and purging, sample train leak testing will be performed using helium gas in combination with a shroud box. The shroud will remain in place for the duration of sampling. The shroud box will consist of a polycarbonate box equipped with a sampling port. The bottom of the shroud box will be positioned over the sampling point with the sample collection tubing passing through the bottom. Once in position, the sample train will be connected to a batch-certified clean 1-liter Summa™ canister and the shroud box will be placed over the entire sample train. Prior to opening the Summa™ canister, the shroud box will be charged by discharging tracer gas into the shroud box via an access port. Helium will be kept at approximately 20% within the shroud box by monitoring with a helium detector and periodically filling with helium as needed. The helium detector readings will be recorded every couple minutes. For quality assurance/quality control (QA/QC) evaluation each sub-slab soil gas sample will be analyzed for helium. The SUMMA™ sample canister will be filled until the vacuum gauge reads approximately 5 inches mercury (in-Hg).

The sub-slab soil vapor probes will remain in-place pending the results of the laboratory analysis. Following the completion of the sub-slab vapor sampling at each location, the sub-slab vapor port will be removed and the slab will be sealed with neat cement and concrete and repaired to match the surrounding surface.

SUB-SLAB SOIL VAPOR SAMPLE ANALYSIS

Following completion of sub-slab soil vapor sampling, each canister will be transported under chain-of-custody protocol to a stationary State of California-certified analytical laboratory. The sub-slab soil vapor samples will be analyzed for VOCs using U.S. Environmental Protection Agency (U.S. EPA) Method TO-15 Select Ion Mode (SIM) and helium using ASTM D 1946.

EXHIBIT 4: OFF-SITE REMEDIAL ACTION PLAN

REVISED DRAFT
OFF-SITE REMEDIAL ACTION PLAN
REGIONAL PCE CONTAMINATION
South Lake Tahoe, CA 96150
GeoTracker ID: SL0601754315

August 2026

Prepared for

Seven Springs Limited Partnership
&
Fox Capital Management Company

Submitted to:
California Regional Water Quality Board - Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150

Prepared by

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SIGNATURE PAGE

All information, conclusions and recommendations contained in this report have been prepared under the supervision of the undersigned professional(s).

Peter M. Krasnoff, P.E.
California Registered Civil Engineer (44031)

August 12, 2026
Date

Sharon Squire, Ph.D., P.G.
California Registered Geologist (8400)

August 12, 2026
Date

1.0 INTRODUCTION

On behalf of Seven Springs Limited Partnership (Seven Springs) and Fox Capital Management Corporation (Fox), collectively the Performing Parties, West Environmental Services and Technology, Inc. (WEST) has prepared this Off-Site Remedial Action Plan (Off-Site RAP) in connection with the Stipulated Cleanup and Abatement Order No. R6T-2022 (Stipulated CAO) to be issued by the California Regional Water Quality Control Board – Lahontan Region (Lahontan Water Board).

The *Off-Site RAP* has been developed in accordance with the requirements of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 Code of Federal Regulations (CFR) 300 (final rule promulgated 3/8/90), as provided by relevant portions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) as amended. Regulatory guidance used in the development of this *Draft RAP* include: the United States Environmental Protection Agency's *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA* (USEPA, 1988); and the *State Water Resources Control Board (SWRCB) Resolution 92-49, Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code 13304* (SWRCB, 1996).

1.1 BACKGROUND

Tetrachloroethene (PCE) was first detected in municipal supply wells operated by Tahoe Keys Water Company (TKWC) in 1985 (GEI Consultants, Inc., 2016(b)) and Lukins Brothers Water Company (LBWC) in 1989 (LBWC, 1989). In subsequent investigations, the Lahontan Water Board and its contractors identified regional groundwater contamination, referred to herein as the "Regional PCE Contamination," extending approximately 1.5 miles northeastward through the Tahoe Valley South Subbasin (TVS Subbasin; Basin No. 6-5.01) toward Lake Tahoe (Figure 1-1). The Regional PCE Contamination has impaired municipal and domestic supply beneficial uses of groundwater within the TVS Subbasin. Currently affected and potentially affected receptors include:

- LBWC No. 5: Municipal supply well currently operating with wellhead granular activated carbon (GAC) treatment;
- TKWC No. 1: Municipal supply well with PCE detections; not currently requiring treatment;
- TKWC No. 2: Municipal supply well with PCE detections currently operating with GAC wellhead treatment; to be retired upon construction and operation of TKWC No. 4;
- Private and small community water system wells within the Regional PCE Contamination; and
- Overlying structures with potential for vapors to enter structures via vapor intrusion.

Chemicals of concern (COCs) consist of PCE and its anaerobic biodegradation products: trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE) and vinyl chloride.

1.2 OFF-SITE RAP SCOPE

This *Off-Site RAP* has been developed to address the risks posed by tetrachloroethene (PCE) and its anaerobic degradation products in the regional groundwater contamination referred to as the "Regional PCE Contamination," (Figure 1-2) including potential ingestion of PCE in groundwater; and inhalation of PCE vapors from vapor intrusion.

The primary components of this *Off-Site RAP* are PCE mass removal from regional groundwater and receptor protection. Mass removal and receptor protection will be accomplished by (1) operating GAC treatment (at LBWC No. 5, or if LBWC No. 5 is no longer operational, at an extraction well, the "GAC Treatment Remedy") for 59 years[1] or until concentrations of PCE and its anaerobic degradation products are below applicable Maximum Contaminant Levels (MCLs) and the State Water Resources Control Board Division of Drinking Water (DDW) provides a determination that GAC treatment at LBWC No. 5 is no longer needed, whichever occurs first (as further discussed in Section 1.4) ("the Remedy Implementation Period"); and (2) constructing and operating TKWC No. 4, a new municipal supply well sited outside the Regional PCE Contamination, which is intended to replace the pumping capacity of TKWC No. 2 (currently requiring GAC treatment) and provide long-term water supply capacity not subject to PCE impacts from the Regional PCE Contamination. Sentry well monitoring will assess COC concentration trends near municipal supply wells. The *Well Investigation and Closure Plan* (WICP) prepared by EKI Environment & Water, Inc. (EKI) addresses private and small community water system wells.

Potential exposure through vapor intrusion will be addressed by the standalone *Vapor Intrusion Investigation Work Plan* (VIIWP; PES Environmental, Inc., 2023). The VIIWP is a standalone document that prescribes the investigation methodology, mitigation requirements, and implementation procedures for evaluating and addressing the vapor intrusion pathway. If vapor intrusion risks are confirmed by indoor air sampling and analysis, mitigation will be conducted as provided in the VIIWP. Private and small community wells will be addressed through the standalone Well Investigation and Closure Plan (WICP; EKI, 2024). Costs associated with implementation of the VIIWP and WICP are not included in the Off-Site RAP cost estimates.

1.3 PERFORMING PARTIES

Seven Springs Limited Partnership (Seven Springs) and Fox Capital Management Corporation (Fox) are referenced herein as Performing Parties. Seven Springs is the current owner of the South Y Shopping Center, which includes the former location of the Lake Tahoe Laundry Works

[1] The 59-year Remedy Implementation Period is subject to adjustment based on treated-volume (pumping) performance at LBWC No. 5, as provided in Section 7.5; treated-volume shortfalls relative to the baseline extend the term in proportion to the shortfall. The treatment period for TKWC Well No. 1 and TKWC Well No. 4 is described in Section 5.3.1.1 below.

(LTLW). Fox & Carskadon Financial Corporation was the general partner of Century Properties Equity Fund 73 (Century 73), which owned the South Y Shopping Center from September 1974 to December 1985. Fox & Carskadon Financial Corporation changed its name to Fox Capital Management Corporation in or around 1986 (Figure 1-2).

1.4 REMEDY IMPLEMENTATION PERIOD AND SETTLEMENT FRAMEWORK

The Remedy Implementation Period for this Off-Site RAP is an agreed upon period of 59 years[2] from the date of Stipulated CAO adoption, or until PCE and its anaerobic biodegradation products in LBWC No. 5 influent decline to concentrations at or below applicable MCLs, whichever occurs first, as reflected in the Settlement Agreements (Appendices A and B). If LBWC notifies the Performing Parties that it is ceasing operation of LBWC No. 5 prior to expiration of the Remedy Implementation Period, then as set forth in the LBWC Settlement Agreement (Section 6.2.2.3.1), the Performing Parties shall provide for operation of an extraction well — either by operating an existing extraction well or installing and operating a new extraction well — to continue mass removal for the remainder of the 59-year period or until MCLs are reached at the extraction well, whichever is first.

Stantec's 2026 Lukins Well No. 5 Wellhead Treatment Cost Estimate Technical Report (Stantec, 2026) calculated the cost to provide well-head treatment for PCE impacts at Lukins Well No. 5 for a period of 59 years. The financial and legal framework governing Performing Parties' obligations during this period are established in the Settlement Agreements attached as Appendices A and B. These obligations also include the contingency measures set forth in Section 8.0, including contingency wellhead treatment at TKWC No. 1 or TKWC No. 4 if the Section 8.2 triggers are met.

1.5 OFF-SITE RAP ORGANIZATION

This Off-Site RAP is organized as follows:

- Description of the Regional PCE Contamination (Section 2.0);
- A Conceptual Site Model (CSM) describing exposure pathways and receptor protection (Section 3.0)
- Human Health Risk Assessment (HHRA) describing the exposure routes and potential risks to human health from soil, soil gas and groundwater in the Regional PCE Contamination (Section 4.0)

[2] The 59-year Remedy Implementation Period is subject to adjustment based on treated-volume (pumping) performance at LBWC No. 5, as provided in Section 7.5; treated-volume shortfalls relative to the baseline extend the term in proportion to the shortfall. The treatment period for TKWC Well No. 1 and TKWC Well No. 4 is described in Section 5.3.1.1 below.

- Remedial Action Objectives (RAOs) and Cleanup Standards established to protect human health and the environment (Section 5.0)
- A Feasibility Study evaluating remedial alternatives using criteria established in the NCP and State of California Health and Safety Code § 79205 for a RAP (Section 6.0);
- The recommended remedial actions and implementation plan (Sections 7.0);
- Contingency Measures to be implemented if certain conditions or data warrant (Section 8.0);
- Institutional Controls (ICs) that protect human health and the environment (Section 9.0);
- Implementation Schedule with identification of critical milestones (Section 10.);
- Health and Safety measures to be implemented to protect workers and community during implementation (Section 11.0);
- California Environmental Quality Act (CEQA Analysis) presents evaluation of applicable exemptions for the RAP Implementation (Section 12.0);
- Public Participation activities are described in Section 13.0;
- The dispute resolution to be used during implementation is described in Section 14.0;
- Abbreviations used in this Off-Site RAP are presented in Section 15.0; and
- References used in the development of the document are summarized in Section 16.0.

2.0 REGIONAL PCE CONTAMINATION DESCRIPTION

This section describes the Regional PCE Contamination and the hydrogeologic setting through which dissolved COCs migrate in groundwater.

2.1 GEOGRAPHIC SETTING

The Regional PCE Contamination is located in and adjacent to the City of South Lake Tahoe, El Dorado County, California (Figure 1-1). The Regional PCE Contamination is bounded on the south by the "South Y," a local term used to describe the intersection of Highway 50 and Highway 89 located on the west side of the City of South Lake Tahoe. The Regional PCE Contamination extends from the South Y Area approximately one mile northward toward Lake Tahoe, covering an area of approximately 465 acres.

The South Y Area lies within the Tahoe Valley South Subbasin (TVS Subbasin; Basin No. 6-5.01), which has an area of approximately 23 square miles (14,814 acres). The TVS Subbasin is roughly triangular in aerial extent and is bounded on the southwest by the Sierra Nevada, on the southeast by the Carson Range, and on the north by the southern shore of Lake Tahoe. The basin generally conforms to the valleys of the Upper Truckee River and Trout Creek. The Upper Truckee River is located approximately 3,700 feet east of the South Y intersection.

Elevations in the South Y Area range from approximately 6,230 to 6,280 feet above mean sea level (msl). The ground surface is generally flat with a slight slope to the north toward Lake Tahoe. The climate is generally Mediterranean with chilly winters with regular snowfall, and summers that feature warm to hot days and cool nights with very low humidity.

2.2 LAND USE

The area overlying the Regional PCE Contamination consists of mixed commercial, industrial and residential land uses. Commercial development is concentrated along the Lake Tahoe Boulevard (Highway 50) and Emerald Bay Road (Highway 89) corridors. Residential neighborhoods are located to the north and east, extending toward the Tahoe Keys development adjacent to Lake Tahoe. Tahoe Valley Elementary School is located within the Regional PCE Contamination footprint.

Key properties within the Regional PCE Contamination include:

- South Y Shopping Center: An approximately 11.7-acre multi-tenant commercial development constructed in 1972 at the southwest corner of the Highway 50/89 intersection, which includes the Lake Tahoe Laundry Works (LTLW) that was formerly located at 1024 Lake Tahoe Boulevard;

- Former Norma's Cleaners (949/945/961 Emerald Bay Road): A former dry-cleaning facility located southeast of LBWC No. 5 and TKWC No. 2 municipal supply wells, subject to Lahontan Water Board Cleanup and Abatement Order No. R6-2025-0005; and

- Former Big O Tires (1961 Lake Tahoe Boulevard): An automotive service facility located immediately north of LTLW, subject to Lahontan Water Board Cleanup and Abatement Order No. R6-2025-0006.

2.3 PUBLIC WATER SUPPLY SYSTEMS

Groundwater is the primary source of drinking water for communities within and downgradient of the South Y Area. The primary water purveyors in the South Y Area are the South Tahoe Public Utility District (STPUD), Lukins Brothers Water Company (LBWC), and Tahoe Keys Water Company (TKWC). The STUPD has mutual aid and assistance agreements for emergency provision of drinking water using inter-tie connections to both the LBWC and TKWC water systems. PCE contamination is currently affecting two active public water systems above the MCL of 5 micrograms per liter (µg/L), LBWC No. 5 and TKWC No. 2. A summary of production and sentry well construction details is presented in Table 2-1.

2.3.1 Lukins Brothers Water Company

Lukins Brothers Water Company (LBWC; Water System No. CA0910007) is a privately owned water company serving approximately 3,277 people through 988 active connections and 58,000 feet of water mains within the city limits of South Lake Tahoe. LBWC also provides fire protection through fire hydrants in its service area. LBWC historically operated five wells (LBWC Nos. 1, 2, 3, 4, and 5), but wells LBWC Nos. 2, 3, and 4 have been destroyed. LBWC currently operates only wells LBWC Well Nos. 1 and 5:

- LBWC No. 1 is screened from 132 to 182 feet below ground surface (bgs) and has a capacity of 720 gallons per minute (gpm) (LBWC, undated (a); SWRCB, 2021(a)). PCE has not been detected in this well.

- LBWC No. 5 was constructed in 1983, is screened from 141 to 180 feet bgs and has a capacity of 720 gpm and current maximum production rate of 605 gpm (LBWC, undated (b); Lumos and Associates, Inc., 2025; SWRCB, 2021(b)). In 2014, the well was taken out of service due to PCE concentrations above its MCL of 5.0 µg/L (SWRCB, 2015) LBWC No. 5 was returned to service in 2021 following installation of a wellhead GAC treatment system with a capacity of 700 gpm (Kennedy Jenks Consultants, Inc., 2023; SWRCB, 2021(b)).

2.3.2 Tahoe Keys Water Company

Tahoe Keys Water Company (TKWC) serves the Tahoe Keys residential development near the south shore of Lake Tahoe. TKWC produces water from three wells, two of which have detectable concentrations of PCE:

- TKWC No. 1 was constructed in 1961, is screened from 125 to 312 feet bgs and has a capacity and current maximum production rate of 1,000 gpm (MC Engineering, Inc., 2021; Department of Health Services, 1981). PCE has not been detected above its MCL in TKWC No 1, with one exception of 8.9 µg/L in July 2024.

- TKWC No. 2 was constructed in 1973; is screened from 138 to 188 feet bgs, 348 to 414 feet bgs, and 426 to 480 feet bgs; and has a capacity of 2,250 gpm and current maximum production rate of 400 gpm (SWRCB, 2022; MC Engineering, Inc., 2021; Department of Health Services, 1981). PCE was initially detected in TKWC No. 2 above its MCL in 2002 (GEI Consultants, Inc., 2016(b)). A GAC treatment system with a capacity of 550 gpm was installed in 2012 to address PCE concentrations above the MCL (MC Engineering, Inc., 2021; California Department of Public Health, 2012). In 2022, TWKC installed ion exchange units to remove uranium from groundwater extracted by this well (SWRCB, 2022). The ion exchange units limit TKWC No. 2 flow rate to 400 gpm (SWRCB, 2022; MC Engineering, Inc., 2021).

- TKWC No. 3 was constructed in 1977 and is located west of the Regional PCE Contamination and screened between 175 to 300 feet bgs with a capacity of 2,000 gpm (MC Engineering, Inc., 2021; Kennedy Jenks Consultants, Inc., 2018). Due to detections of uranium above its MCL, groundwater from this well is treated by ion exchange units that restrict its maximum production rate to 800 gpm (MC Engineering, Inc., 2021). PCE has never been detected above its MCL in TKWC No 3. PCE has not been reported to be present above the laboratory-reporting limit of 0.5 µg/L.

- TKWC No. 4 is planned for construction outside of the Regional PCE Contamination with screen intervals between 146–152, 180–187, and 195–204 feet bgs.

2.4 HYDROGEOLOGIC SETTING

The Regional PCE Contamination lies within the west-central portion of the Tahoe South Subbasin of the Tahoe Valley Groundwater Basin. The Tahoe South Subbasin groundwater consists of glacial, fluvial, and lacustrine sediments of Tertiary and Quaternary age, collectively referred to as basin-fill deposits (California Department of Water Resources, 2004).

The basin fill deposits in the South Y Area are classified by the U.S. Geological Survey as younger alluvium (moderately sorted sand and gravel of beach and lacustrine terrace deposits; clay, silt, sand, and gravel of flood plains) and glacial till (Plume, et al., 2009). Near-surface geology primarily consists of alluvial deposits, including sands, silty sands, and interbedded sands, silts, and clays to depths exceeding 300 feet below ground surface (bgs) (IT Corporation, 2000; AECOM, 2022). Morgan, et al. (2008) conclude lithologic and water level data provide support for a "layered heterogeneous aquifer system constructed of fine and coarser-grained depositional units associated with the glacio-lacustrine history of the Tahoe basin."

Groundwater is first encountered at approximately 8 to 15 feet bgs in the Regional PCE Contamination Area, varying seasonally and with precipitation. Groundwater can be as shallow as 3 feet bgs during years with greater than normal precipitation. Three aquifer zones are recognized:

- Shallow Zone Aquifer (SZA): Ground surface to approximately 30 feet bgs. Groundwater flow direction is generally north-northeast (WEST, 2025) at an approximate hydraulic gradient of 0.005 to 0.007 ft/ft.

- Middle Zone Aquifer (MZA): Approximately 30 to 60 feet bgs. Groundwater generally flows northwest (WEST, 2025; EKI, 2019) except at Tucker Avenue Basin, where groundwater mounding can result in localized groundwater flow to the south-southwest. The hydraulic gradient ranges from approximately 0.016 to 0.019 ft/ft. The MZA contains the highest PCE concentrations in the Regional PCE Contamination.

- Deeper Zone Aquifer (DZA): Below 60 feet bgs, divided into the upper deeper zone (60-80 feet bgs) and lower deeper zone (>80 feet bgs). Groundwater generally flows north-northwest in the DZA but flow directions are locally affected by the capture zones of municipal supply wells (AECOM, 2023(b); Rybarski, et al., 2022).

2.5 MUNICIPAL SUPPLY WELL IMPACTS

Concentrations in raw water from currently affected municipal wells (November 2025):

- LBWC No. 5: PCE at 53-60 µg/L (MCL = 5 µg/L); maximum detected 82 µg/L (September 2024); GAC treatment installed 2021;

- TKWC No. 2: PCE at 31 µg/L; maximum detected 35 µg/L (June 2024); GAC treatment installed 2012; and

- TKWC No. 1: PCE at 2-4 µg/L; one exceedance of MCL (8.9 µg/L, July 2024)

2.6 SENTRY WELL MONITORING NETWORK

In 2021, AECOM installed nine sentry wells upgradient of four active municipal supply well locations within the Regional PCE Contamination area as part of the Site Cleanup Subaccount Program (SCAP) Regional PCE Investigation. The sentry wells were designed to provide water purveyors advance warning of potential PCE migration upgradient of their municipal supply wells (AECOM, 2021b). Sentry well siting and design were based on lithology and PCE groundwater data from the 2019–2020 Regional PCE Contamination characterization investigation and information summarized in the municipal supply well receptor inventory.

Sentry wells were installed adjacent to each affected or potentially affected municipal supply well to monitor PCE concentrations at production well screen intervals. At supply wells where PCE has been detected in the Regional PCE Contamination at depths proximate to the well screens (LBWC No. 5, TKWC No. 1, and TKWC No. 2), sentry wells were positioned to intercept the maximum PCE concentration depth interval and additional production screen depths. At LBWC No. 1, where PCE has not been detected above the MCL in sentry well samples, three sentry wells monitor the upper, middle, and lower portions of the production well screen to provide early detection of potential PCE migration toward the capture zone.

Sentry Well	Protected Supply Well	Sample Interval (feet bgs)	Sample Method	Installation Date	Purpose / Target Zone
LBWC1-SW-1	LBWC No. 1	106–109	PDB	2021	Lower DZA; Upper screen interval of LBWC No. 1
LBWC1-SW-2	LBWC No. 1	142–144	PDB	2021	Lower DZA; Mid-screen interval of LBWC No. 1
LBWC1-SW-3	LBWC No. 1	164–166	PDB	2021	Below Lower DZA*; Lower screen interval of LBWC No. 1
LBWC5-SW-1	LBWC No. 5	76–79	PDB	2021	Upper DZA; max PCE depth interval
LBWC5-SW-2	LBWC No.	149–151	PDB/LF	2021	Lower DZA; production well screen interval
TKWC1-SW-1	TKWC No. 1	116–118	PDB/LF	2021	Lower DZA; upper production well screen; max PCE depth interval
TKWC1-SW-2	TKWC No. 1	158–160	PDB	2021	Below Lower DZA; mid-production well screen interval
TKWC2-SW-1	TKWC No. 2	146–148	PDB	2021	Lower DZA; max PCE depth interval
TKWC2-SW-2	TKWC No. 2	176–178	PDB	2021	Below Lower DZA; lower production well screen interval;

Depths below 150 feet bgs are designated 'Below Lower DZA' and represent intervals beyond the characterized aquifer zonation (Section 2.4) where municipal supply well production screens extend

Sampling was conducted semi-annually between October 2021 and April 2023 using passive diffusion bag (PDB) samplers, with periodic confirmatory low-flow (LF) samples collected at selected locations. PDB samplers equilibrate with groundwater at the screened depth interval and provide depth-discrete concentration data, which is important for characterizing the vertical distribution of PCE contamination relative to production well screen intervals. Low-flow sampling provides an independent measurement and is used to verify PDB results where concentration discrepancies between the two methods may indicate non-equilibrium conditions or vertical flow within the well bore.

Four semi-annual sampling events have been completed: Event 1 (October 2021), Event 2 (April 2022), Event 3 (October 2022), and Event 4 (April 2023). Results are reported in the Semi-Annual Sentry Well Groundwater Monitoring Reports (AECOM, 2022b; subsequent events). Analytical results and trends are presented in those reports.

The depth-paired sentry wells establish vertical concentration profiles that define the geometry of the Regional PCE Contamination relative to each production well's screen interval.

2.7 PREVIOUS RESPONSE ACTIONS

Response actions conducted to date to address releases of PCE include: wellhead treatment at TKWC No. 2 and LBWC No. 5; SVE/GASS operations, batch pumping and ISCO injections at the LTLW; and excavation of PCE-impacted soil at the former Norma's Cleaners site.

2.7.1 Wellhead Treatment of Municipal Supply Wells

Wellhead GAC treatment systems have been installed at impacted municipal supply wells to protect drinking water quality and maintain beneficial use of groundwater resources:

- TKWC No. 2: wellhead GAC treatment system was completed in 2012 to address PCE concentrations above the MCL. TKWC plans to cease operating this well in the near future and replace it with TKWC No. 4, to be constructed outside of the Regional PCE Contamination.

- LBWC No. 5: wellhead GAC treatment is currently performed at LBWC No. 5 to provide safe drinking water. Under the Settlement Agreement with the Performing Parties, LBWC has agreed to continue providing GAC treatment for as long as it operates Well No. 5 or until MCLs are met for COCs.

2.7.2 Source Area Remediation

Remediation activities have been performed to address VOCs in source areas at the LTLW and former Norma's Cleaners site. Remediation activities at the LTLW are addressed under the separate On-Site RAP and consist of the following:

- Soil Vapor Extraction/Groundwater Air Sparge System (SVE/GASS): The SVE/GASS, consisting of 27 air sparge wells, 40 SVE wells (20 pairs), and 10 soil vapor probes, was constructed in late 2009 to early 2010 to remove VOCs from the vadose zone and SZA groundwater. The system has been operating since April 2010, removing approximately 1,015 pounds of VOC mass through December 2025 (WEST, 2025b). The system has reached asymptotic stage as mass removal rates have decreased from approximately 100 grams per day at start-up to less than 10 grams per day currently.

- Supplemental Remediation: Additional remediation activities have included groundwater batch pumping (2017) and in-situ chemical oxidation (ISCO) injections (2019) to address residual source area contamination (E2C, 2020; EKI, 2020).

Excavation was conducted at the former Norma's Cleaners site in 2008 to remove PCE-impacted soil at the location where the PCE service truck parked during refilling operations (Geo-Logic Associates, 2024). A total of 368 cubic yards of soil was removed to a depth of 5 feet bgs.

2.8 BACKGROUND CONCENTRATIONS

The COCs identified for the Regional PCE Contamination (PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) are synthetic chlorinated solvents that do not occur naturally in groundwater. There are no naturally occurring background concentrations of these compounds; the presence of any detectable concentration above analytical method reporting limits represents degradation of groundwater quality from anthropogenic sources.

The SWRCB has adopted Resolution No. 68-16, Statement of Policy with Respect to Maintaining High Quality of Waters in California (Resolution 68-16), which establishes an antidegradation policy for California waters. Resolution 68-16 provides that whenever the existing quality of water is better than the quality established as objectives in the Basin Plan, such existing quality shall be maintained unless appropriate findings are made.

SWRCB Resolution No. 92-49, Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304 (Resolution 92-49), requires that cleanup goals be consistent with Resolution 68-16. Resolution 92-49 requires groundwater to be cleaned up to background, or if that is not feasible, to an alternative level that is the most stringent level that is economically and technologically feasible in accordance with California Code of Regulations, Title 23, Section 2550.4. Pursuant to Resolution 92-49, cleanup goals must be met "within a reasonable timeframe."

The Water Quality Control Plan for the Lahontan Region (Basin Plan) identifies beneficial uses of groundwater and establishes water quality objectives to protect those uses. The South Y Area lies within the Tahoe Valley South Subbasin of the Tahoe Valley Groundwater Basin of the Lake Tahoe Hydrologic Unit. Designated beneficial uses for groundwater include: municipal and domestic water supply (MUN), agricultural supply (AGR), and industrial service supply (IND).

Water quality objectives incorporate State of California MCLs set forth in Title 22 of the California Code of Regulations. The applicable MCLs for COCs are:

- PCE: 5.0 µg/L;
- TCE: 5.0 µg/L;
- cis-1,2-DCE: 6.0 µg/L;
- trans-1,2-DCE: 10 µg/L; and
- Vinyl chloride: 0.5 µg/L.

2.9 NATURE AND EXTENT OF PCE CONCENTRATIONS

The nature and the vertical and lateral extent of PCE in soil, soil gas, and groundwater within the South "Y" area of South Lake Tahoe are established by the regional characterization investigations identified in Section 16.0, principally the AECOM Regional PCE Plume Characterization (2019–

2020) and the AECOM Regional Soil Gas Investigation (2022), together with the site-specific investigation reports for the former Lake Tahoe Laundry Works, former Norma's Cleaners, and former Big O Tires properties. PCE data from those investigations—which document PCE in groundwater at concentrations ranging from below analytical reporting limits to values exceeding the Maximum Contaminant Level (MCL) of 5.0 µg/L across multiple aquifer zones and extending from near the water table into deeper production-well intervals—are included in the tables provided as Appendix C and are relied upon as the site-characterization basis for the baseline risk assessment (Section 4.0), the remedial action objectives (Section 5.0), and the feasibility evaluation and remedy selection (Section 6.0).

The Lahontan Water Board has issued cleanup and abatement orders addressing PCE in the subsurface at three properties within the area—the former Lake Tahoe Laundry Works, former Norma's Cleaners, and former Big O Tires—and is administering investigations at those and other properties under separate orders. This Off-Site RAP does not adjudicate, allocate, or assign the relative contribution of any property or party to the Regional PCE Contamination and adopts no party's source-attribution or contribution conclusions; contribution is addressed outside this Off-Site RAP and is not necessary to the remedial actions described herein, and the Performing Parties' rights to seek cost recovery or contribution are reserved.

3.0 CONCEPTUAL SITE MODEL

This section presents the Conceptual Site Model (CSM) for the off-site areas affected by the Regional PCE Contamination, developed in general accordance with ASTM E 1689 and at the level necessary to support remedy selection under the NCP. The CSM comprises the following components, the supporting data for each of which are contained in Appendix C and the investigation reports incorporated by reference in Section 2.0 and identified in Section 16.0: (1) release areas—the property-scale areas at which PCE has been documented in soil and shallow groundwater; (2) affected environmental media—vadose-zone soil, soil gas, and groundwater across shallow, middle, and deeper aquifer zones; (3) migration pathways—principally groundwater transport by advection and dispersion, modified locally by municipal-supply-well pumping and by downward vertical gradients near release areas, together with the vapor-intrusion pathway and recognized preferential subsurface features such as utility and storm-drain corridors; (4) contaminant fate and transport—attenuation of dissolved PCE by dispersion, dilution, and limited biodegradation over time and distance; and (5) receptors and exposure pathways—users of municipal and private groundwater supplies and, where a complete pathway exists, occupants of overlying structures via vapor intrusion.

The CSM is an iterative tool that represents the current understanding of site conditions and is expected to evolve as additional information becomes available. As the associated data gap investigations are conducted, and as performance and contingency monitoring proceed under Sections 7.0 and 8.0, the CSM will be refined and updated to incorporate the new information and provide an increasingly complete understanding of contaminant sources, release mechanisms, transport pathways, affected media, and potential receptors.

4.0 BASELINE HUMAN-HEALTH RISK ASSESSMENT

This section presents the first phase of the Baseline Human Health Risk Assessment (HHRA) for the Regional PCE Contamination, using a screening-level evaluation methodology. The screening-level approach provides an initial, health-protective assessment of potential risks to human health from exposure to COCs in affected media. This initial evaluation will be updated following completion of the Vapor Intrusion Investigation Work Plan (VIIWP) and the Well Investigation and Closure Plan (WICP), which will provide the additional site-specific data needed for a comprehensive Baseline HHRA. A screening-level human health risk assessment (HHRA) was conducted to identify threats to human health posed by chemicals of concern (COCs) in affected environmental media within the Regional PCE Contamination area, and to support remedial alternative selection for the Off-Site Remedial Action Plan (RAP). This assessment was prepared consistent with the Risk Assessment Guidance for Superfund (RAGS; USEPA, 1989). The HHRA evaluates potential threats from all affected media—groundwater, soil gas, and indoor air.

The National Contingency Plan (40 CFR 300.430) requires that remedial actions achieve cleanup levels protective of human health and the environment. For carcinogens, cleanup levels should reduce aggregate excess lifetime cancer risks to within the acceptable risk range of 100 to 1 excess cancer per one-million exposed (10^{-4} to 1E-06), with 1E-06 as the starting point for analysis. For non-carcinogens, the cumulative hazard index (HI) for all compounds should not exceed 1.0 (USEPA, 1988). Even where Maximum Contaminant Levels (MCLs) serve as applicable or relevant and appropriate requirements (ARARs), the NCP requires that aggregate risk be calculated for all contaminants in groundwater, including those with MCLs (USEPA, 1988, Section 4.4).

The HHRA consists of the following components: (1) selection of chemicals of concern; (2) exposure assessment; (3) risk characterization; and (4) identification of data gaps and planned investigations.

This HHRA addresses off-Site conditions based on currently available data. In accordance with the requirements of the SCAO, a comprehensive HHRA will be prepared following implementation of the Vapor Intrusion Investigation Work Plan (VIIWP) and the Private and Small Community Water Systems Well Investigation and Closure Plan (WICP). The VIIWP (PES Environmental, 2023) establishes the scope and methodology for the vapor intrusion investigation, including soil gas sampling, sub-slab sampling where triggered by the VI Flowchart, and indoor air sampling where indicated, assuming site access can be obtained. One or both of Fox and Seven Springs will begin implementing the VIIWP and WICP to support the comprehensive HHRA (Joint Update to Advisory Team, December 19, 2025).

4.1 SELECTION OF CHEMICALS OF CONCERN

COCs for the off-site HHRA were selected based on: (1) documented detections above laboratory reporting limits in off-site groundwater (municipal supply wells, sentry wells, and private/small community wells) and off-site soil gas; (2) historical association with PCE dry cleaning operations;

and (3) toxicological significance. The COCs include PCE and its sequential anaerobic reductive dechlorination products.

4.1.1 Screening Levels

Cancer risk and non-cancer hazards associated with ingestion of groundwater are calculated by the following equations (San Francisco Bay Regional Water Quality Control Board, 2025):

$$\text{Cancer Risk} = \left[\left(\frac{\text{Conc}_a}{\text{ESL}_a}\right) + \left(\frac{\text{Conc}_b}{\text{ESL}_b}\right) + \left(\frac{\text{Conc}_c}{\text{ESL}_c}\right) + \ldots + \left(\frac{\text{Conc}_i}{\text{ESL}_i}\right)\right] \text{x } 10^{-6}$$

$$\text{Hazard Index (HI)} = \left[\left(\frac{\text{Conc}_a}{\text{ESL}_a}\right) + \left(\frac{\text{Conc}_b}{\text{ESL}_b}\right) + \left(\frac{\text{Conc}_c}{\text{ESL}_c}\right) + \ldots + \left(\frac{\text{Conc}_i}{\text{ESL}_i}\right)\right]$$

The term Conc represents the maximum concentration of each COC detected in groundwater extracted for potable use. The ESL for each detected COC corresponds to an individual lifetime cancer risk of 1E-06 or HI of 1 under a residential land use scenario consistent with the requirements for screening levels specified in 22 CCR § 69022.

4.1.1.1 Maximum Contaminant Levels (MCLs)

MCLs are legally enforceable drinking water standards established by the State Water Resources Control Board (SWRCB) under the California Safe Drinking Water Act. MCLs incorporate health-based considerations as well as analytical detectability, treatability, and cost; they are the applicable regulatory cleanup standards for groundwater and the primary screening levels used to identify COCs and evaluate groundwater threats in this assessment.

4.1.1.2 Public Health Goals (PHGs)

PHGs are non-enforceable, health-only concentrations established by the Office of Environmental Health Hazard Assessment (OEHHA) at which no adverse health effects are anticipated from a lifetime of exposure. For carcinogens, PHGs are set at a 1E-06 (one-in-one-million) incremental lifetime cancer risk (ILCR) level using OEHHA's multipathway exposure methodology, which is substantially more conservative than federal approaches. PHGs are used in this assessment as risk-based benchmarks for quantitative cancer and noncancer risk characterization (Section 4.3.1.3).

4.1.1.3 Environmental Screening Levels (ESLs)

ESLs are concentrations protective of human health published by the San Francisco Bay Regional Water Quality Control Board for use in evaluating soil, soil gas, and groundwater data at contaminated sites. ESLs for soil gas vapor intrusion (VI) are the screening levels used to identify COCs and evaluate threats for the vapor intrusion pathway (Section 4.3.2). ESLs are based on default exposure parameters and ILCR of E-06 and noncancer risk HQ of 1.0.

Chemical of Concern	CAS Number	EPA Cancer Class	Off-Site Media Detected	MCL (µg/L)
Tetrachloroethene (PCE)	127-18-4	Likely Carcinogen	GW, SG	5.0
Trichloroethene (TCE)	79-01-6	Known Carcinogen	SG	5.0
cis-1,2-Dichloroethene	156-59-2	Not Classifiable	GW (sentry)	6.0
trans-1,2-Dichloroethene	156-60-5	Not Classifiable	—	10.0
Vinyl Chloride (Chloroethene)	75-01-4	Known Carcinogen	—	0.50

GW = groundwater; SG = soil gas. 1,1-DCE is not a degradation product of PCE and is not included as a COC.

In addition to the chlorinated VOCs listed above, the AECOM regional soil gas investigation (AECOM, 2023) detected benzene, chloroform, toluene, ethylbenzene, xylenes, total petroleum hydrocarbons (TPH), and 1,2,4-trimethylbenzene in off-site soil gas samples. While these analytes are not PCE degradation products and likely originate from other regional sources (e.g., fuel releases, vehicle emissions), they are included in the soil gas risk characterization (Section 4.4.2) where detected above reporting limits.

4.2 EXPOSURE ASSESSMENT

The conceptual site model for the off-site HHRA identifies the following potentially complete exposure pathways by which receptors within the Regional PCE Contamination area may be exposed to COCs.

4.2.1 Groundwater Ingestion — Municipal Supply Wells

Municipal supply wells operated by Lukins Brothers Water Company (LBWC) and Tahoe Keys Water Company (TKWC) pump groundwater from aquifer zones impacted by the Regional PCE Contamination for distribution as drinking water. Where PCE concentrations exceed the MCL, GAC wellhead treatment systems have been installed to remove PCE prior to distribution. The groundwater ingestion pathway would be complete for any well producing water with COC concentrations above MCLs in the absence of treatment.

The following municipal supply wells are evaluated in this HHRA:

Well	Current PCE (µg/L)	Max PCE (µg/L)	MCL (µg/L)	Status	GAC Treatment
LBWC No. 5	53–60	82 (Sep 2024)	5.0	Active w/ treatment	Installed 2021
TKWC No. 2	31	35 (Jun 2024)	5.0	Active w/ treatment	Installed 2012

TKWC No. 1	2–4	8.9 (Jul 2024)	5.0	Active; not > MCL	None
TKWC No. 3	ND	1.1 (Mar 2020)	5.0	Active; not threatened	None
LBWC No. 1	ND	ND	5.0	Active; not threatened	None

ND = Not detected above reporting limit. Current concentrations represent pre-treatment (raw water) values.

4.2.2 Groundwater Ingestion — Private and Small Community Wells

Historical receptor impacts have been documented at private and small community water supply wells within the Regional PCE Contamination area. Between 1989 and 2015, PCE was detected above or near the MCL in private wells at multiple residential properties (2111 Dunlap Drive, 848 Glorene Avenue, 702 Emerald Bay Road, 883 and 903 Eloise Avenue) and small community system wells (Old Stage Mobile Home Park at 787 Emerald Bay Road, Crystal Range Motel at 941 Emerald Bay Road, Tahoe Valley Elementary School at 943 Tahoe Island Drive). In each case, the affected property was either connected to a public water supply system or the well was destroyed.

The WICP (EKI, 2024) identifies additional private and small community wells within the Regional PCE Contamination area that have not been sampled or whose sampling records are incomplete. Private and small community water system wells within the Regional PCE Contamination area were surveyed and sampled by AECOM on behalf of the Water Board in 2019 and 2022. Of 15 confirmed active wells identified in the survey, 10 were sampled; none showed PCE concentrations above the MCL of 5 µg/L (AECOM, 2022). The remaining 5 confirmed active wells and 4 suspected active wells could not be sampled due to owner access denials; these constitute the Unsampled Active Wells addressed under the Well Investigation and Closure Plan (EKI, 2024). PCE above the MCL has been detected in 4 confirmed inactive wells, all of which are subject to destruction under the WICP. No active potable supply well within the Regional PCE Contamination area has been documented with PCE concentrations exceeding the MCL

The WICP, when implemented, will determine whether current groundwater use at these locations poses a threat to human health. Until the WICP is implemented and results are available, the groundwater ingestion pathway for private and small community wells within the Regional PCE Contamination footprint is classified as a data gap.

4.2.2.1 Exposure Point Concentrations for Municipal Supply Wells

Exposure point concentrations (EPCs) for the groundwater ingestion pathway are based on the most recent measured concentration at each wellhead, supplemented by the historical maximum concentration for upper-bound analysis. EPA's Risk Assessment Guidance for Superfund (RAGS; EPA, 1989). In the absence of wellhead GAC treatment at LBWC No. 5 and TKWC No. 1, maximum COC concentrations measured in groundwater extracted from municipal supply wells represent exposure point concentrations for purposes of this screening level risk assessment.

4.2.3 Soil Gas / Vapor Intrusion

The presence of PCE in shallow groundwater and the vadose zone within the Regional PCE Contamination area creates the potential for vapor intrusion into overlying structures. The AECOM regional soil gas investigation (AECOM, 2023) documented PCE in soil gas at 19 of 25 off-site sampling locations, confirming that a soil gas source exists for possible vapor intrusion. The VIIWP will evaluate vapor intrusion risk at structures overlying or adjacent to the Regional PCE Contamination. In accordance with the DTSC Supplemental Guidance: Screening and Evaluating Vapor Intrusion, active soil gas sampling is generally preferred as a line of evidence for assessing VI threats where groundwater is impacted by COCs.

4.2.4 Soil — Direct Contact

The direct contact with soil exposure pathway evaluates whether contaminated soil at or near the ground surface poses a threat through incidental ingestion, dermal contact, or inhalation of volatilized contaminants from soil. The Regional PCE Contamination is primarily a groundwater and soil gas issue, not a surface soil issue given the impacted area results from dissolved phase transport of PCE released at source properties.

4.2.5 Ambient Air Inhalation

Three ambient air samples (AA-1-01 through AA-1-03) were collected by AECOM during the August 2022 regional soil gas investigation. No analytes were detected above residential or commercial ESLs in any ambient air sample (AECOM, 2023). The outdoor ambient air inhalation pathway does not pose an unacceptable risk.

4.3 RISK CHARACTERIZATION

4.3.1 Groundwater — Municipal Supply Wells

4.3.1.1 CURRENT CONDITIONS – MCL-BASED SCREENING

Since the Kennedy/Jenks HHRA, conditions have changed. Updated pre-treatment (raw water) PCE concentrations at the currently impacted municipal supply wells are as follows:

Well	PCE (µg/L) Pre-Treat.	MCL (µg/L)	Exceeds MCL?	Risk Mitigated By	Threat Status
LBWC No. 5	53–60 (current); 82 (max)	5.0	Yes	GAC treatment (2021)	Active threat; treated
TKWC No. 2	31 (current); 35 (max)	5.0	Yes	GAC treatment (2012)	Active threat; treated
TKWC No. 1	2–4 (current); 8.9 (max)	5.0	No	None currently, but did in July 2024	Potential

Well	PCE (µg/L) Pre-Treat.	MCL (µg/L)	Exceeds MCL?	Risk Mitigated By	Threat Status
TKWC No. 3	ND (1.1 Mar 2020)	5.0	No	None required	Not currently threatened
LBWC No. 1	ND	5.0	No	None required	Not currently threatened

4.3.1.1.1 LBWC No. 5

Pre-treatment PCE concentrations of 57 µg/L (December 2025; maximum 82 µg/L in September 2024) exceed the MCL of 5.0 µg/L by more than one order of magnitude. TCE (1.3 µg/L) and cis-1,2-DCE (1.9 µg/L) are also detected. Without GAC treatment, this well would deliver water containing PCE at concentrations that pose an unacceptable risk to drinking water consumers. GAC wellhead treatment has been operational since 2021 and effectively reduces PCE to below MCLs in finished water.

4.3.1.1.2 TKWC No. 2

Pre-treatment PCE concentrations of approximately 30 µg/L (maximum 35 µg/L in June 2024) exceed the MCL. TCE and cis-1,2-DCE are not detected. GAC wellhead treatment has been operational since 2012. TKWC plans to cease operation of this well and replace it with TKWC No. 4, to be constructed outside of the Regional PCE Contamination.

4.3.1.1.3 TKWC No. 1

This well contains PCE at concentrations less than the MCL. Current concentrations are 2–4 µg/L.

4.3.1.2 Cancer and Noncancer Risk Characterization

In addition to the MCL-based screening presented above, a quantitative cancer and noncancer risk characterization was performed using California Public Health Goals (PHGs) established by OEHHA as risk-based benchmarks. PHGs represent the most conservative health-based concentrations established by any California regulatory authority for drinking water contaminants, and this analysis provides an upper-bound estimate of potential health risk. The MCL, not the PHG, remains the enforceable regulatory standard and the cleanup objective for this RAP.

Maximum COC concentrations measured at each wellhead were divided by the applicable groundwater ESL (SFRWQCB, 2026, Table GW-2) and, for carcinogens, multiplied by 1E-06 to obtain the ILCR. Noncancer HQs were calculated as the ratio of the measured concentration to the noncancer ESL. Results are presented in Table 4-1 and summarized below.

4.3.1.3 Risk-Based Benchmarks

Tables 4-1 presents the cancer PHGs, noncancer reference levels, MCLs, for each COC. Key benchmarks include: PCE cancer PHG of 0.06 µg/L (OEHHA, 2001; multipathway model at 10^{-6}

risk) with a noncancer HQ=1 level of 41 µg/L (hepatotoxicity/nephrotoxicity); TCE cancer PHG of 1.7 µg/L (OEHHA, 2009) with noncancer HQ=1 of 2.8 µg/L (developmental/immunotoxicity); and cis-1,2-DCE noncancer PHG of 13 µg/L (OEHHA, 2018; liver/kidney effects; no cancer classification). The cancer endpoint is more restrictive (controls) for PCE and TCE; the noncancer endpoint is the sole basis for cis-1,2-DCE.

4.3.1.4 Conservatism of the PHG Framework

The PHG-based framework produces upper-bound risk estimates because OEHHA's methodology is substantially more conservative than federal EPA methods at each step. OEHHA's cancer slope factor (0.051 [mg/kg-d]$^{-1}$) is 24 times higher than EPA IRIS (0.0021 [mg/kg-d]$^{-1}$); OEHHA assumes 70-year lifetime exposure versus EPA's 26-year RME; and OEHHA's CalTOX multipathway volatilization model adds a 2–8 times factor not included in EPA RSLs. The aggregate conservatism is approximately 80–90 times more conservative, meaning the PCE PHG of 0.06 µg/L is ~80–90 times lower than what EPA RAGS methodology would yield at the same 1E-06 risk level.

4.3.1.5 Risk Characterization Results

Tables 4-1 and 4-2 present the complete cancer and noncancer risk characterization for the potential receptor wells. Key findings:

4.3.1.5.1 LBWC No. 5

The calculated cancer ILCR for LBWC No. 5 is 9.5E-4 (950 times above the E-06 de minimis level). The noncancer assessment reveals that PCE also exceeds the noncancer HQ=1 threshold, with a PCE HQ of 1.39. Including contributions from TCE (HQ = 0.46) and cis-1,2-DCE (HQ = 0.15), the cumulative Hazard Index is 2.0, exceeding the benchmark of 1.0. This is the only receptor well where concentrations exceed both cancer and noncancer risk thresholds simultaneously.

4.3.1.5.2 TKWC No. 2

The cancer ILCR for TKWC No. 2 has been calculated at 5E-4 (500 times above de minimis). The noncancer PCE HQ is 0.73, below the threshold of 1.0. Cancer risk is the controlling endpoint at this well.

4.3.1.5.3 TKWC No. 1

TKWC No. 1 is 3E-05 (30 times above de minimis). The noncancer HQ is 0.04. Cancer risk exceeds the 1E-06 threshold but noncancer HQ is below 1.0.

4.3.1.6 Context and Interpretation

Risk values are calculated using pre-treatment (raw water) concentrations and OEHHA's most conservative assumptions. They represent potential risk if untreated groundwater were consumed

over a lifetime. GAC systems at LBWC No. 5 and TKWC No. 2 reduce PCE to below detection limits, effectively eliminating exposure.

The finding that LBWC No. 5 exceeds both cancer and noncancer thresholds simultaneously provides independent confirmation—from a noncancer perspective that does not rely on conservative cancer slope factors—that the raw water concentrations pose health risks warranting continued treatment. All receptor wells exceed the cancer-based PHG for PCE by factors of 30 to 950 at current concentrations, confirming that untreated PCE contamination represents a health risk of regulatory concern.

		Concentration (µg/L)			Cancer Risk (ILCR)			Noncancer Hazard		
Well ID	Type	PCE	TCE	cis-DCE	PCE	TCE	Cumul.	PCE	TCE	Cumul. HI
Screening Level		5.0	5.0	6.0	1E-06 *(de minimis)*			HQ = 1.0 / HI = 1.0		
LBWC No. 5	Receptor	57	1.3	1.9	9.5E-04	2.7E-06	9.5E-04	1.4	0.46	2.0
TKWC No. 2	Receptor	30	—	—	5E-04	—	5E-04	0.73	—	0.73
TKWC No. 1	Receptor	1.8	—	—	3E-05	—	3E-05	0.04	—	0.04

4.3.2 Soil Gas

AECOM (2023) collected 25 passive soil gas samples at off-site locations within the Regional PCE Contamination area in August 2022. Sampling locations were selected to represent worst-case vapor intrusion conditions based on shallow groundwater PCE concentrations and proximity to structures. Soil gas concentrations were compared to SFRWQCB ESLs for both residential and commercial/industrial exposure scenarios.

4.3.2.1 Residential Exposure Scenario

Of the eight soil-gas probes located in residential land-use areas (SV-1-14 through SV-1-21), one probe—SV-1-17—had a PCE concentration (39 µg/m³) exceeding the residential soil-gas cancer ESL of 15 µg/m³, with a cumulative incremental lifetime cancer risk (ILCR) of 2.7×10^{-6}. No probe in a residential area exceeded the residential TCE cancer ESL of 16 µg/m³, and no probe in a residential area exceeded a non-cancer ESL (all hazard indices were below 1.0). PCE exceeding the residential VI groundwater screening level (0.64 µg/L) is present in shallow groundwater within investigated residential neighborhoods in the South "Y" area, so a complete VI pathway to residential receptors cannot be excluded based on the existing data; SV-1-17 and the surrounding residential area are carried forward for evaluation under the VIIWP.

These soil-gas screening exceedances identify where the vapor-intrusion pathway warrants further evaluation; they do not by themselves demonstrate that indoor-air concentrations are unacceptable, because the PCE concentrations were calculated from passive soil gas sample analytical results. CalEPA states in its 2023 Screening and Evaluating Vapor Intrusion Supplemental Guidance that "[a]ctive soil gas results should be used for assessing human health risks associated with VI" and

"[c]urrent passive soil gas sampling methods are not generally accepted for risk assessment purposes." Further, building-specific attenuation factors are not captured by soil-gas screening conducted by AECOM. Paired indoor-air and sub-slab sampling under the VIIWP will be used to evaluate the pathway at representative residential structures.

Benzene was detected at 14 of 25 locations above the residential ESL of 3.2 µg/m³, with concentrations ranging from 2.1 to 76.6 µg/m³. Benzene is not a PCE degradation product; its widespread presence in off-site soil gas may reflect contributions from petroleum fuel releases, vehicle emissions, or other regional sources not associated with the PCE releases. Chloroform slightly exceeded its residential ESL at one location (SV-1-21); chloroform is a ubiquitous background contaminant likely from chlorinated water in leaking water and sewer pipes. TPH C4-C9 exceeded the residential ESL at one location (SV-1-08; 23,800 µg/m³ vs. 20,000 µg/m³ noncancer ESL).

Benzene, which was detected at 14 of 25 locations above the residential ESL, is not a PCE degradation product. Its widespread presence in off-site soil gas may reflect contributions from petroleum fuel releases, vehicle emissions, or other regional sources not associated with the LTLW site.

4.3.2.2 COMMERCIAL/INDUSTRIAL EXPOSURE SCENARIO

Two probes located in commercial land-use areas had PCE concentrations exceeding the commercial soil-gas cancer ESL of 67 µg/m³: SV-1-22 (PCE at 390 µg/m³; ILCR = 5.8×10^{-6}) and SV-1-25 (PCE 125 µg/m³; ILCR = 1.9×10^{-6}). No commercial non-cancer HQs exceeded 1.0 for PCE. Benzene exceeded the commercial ESL of 14 µg/m³ at 6 of 25 locations.

4.3.2.3 SUMMARY OF SOIL GAS RISK CHARACTERIZATION

The soil gas data indicate that COC concentrations in the vadose zone overlying the Regional PCE Contamination area exceed health-based screening levels for the vapor intrusion pathway, with the PCE cancer ESL exceeded, evaluated by land use, at SV-1-22 and SV-1-25 (commercial areas) and at SV-1-17 (residential area). A summary of soil gas risk characterization is presented in Table 4-2.

		Concentration (µg/m³)			Cancer Risk (ILCR)			Noncancer Hazard		
Location	Land Use	PCE	TCE	cis-DCE	PCE	TCE	Cumul.	PCE	TCE	Cumul. HI
Screening Level — Residential		15	16	1,300	1 x 1E-06 *(de minimis)*			HQ = 1.0		
Screening Level — Commercial		67	100	5,800	1 x 1E-06 *(de minimis)*			HQ = 1.0		

However, soil gas concentrations alone do not confirm that indoor air concentrations pose a health risk; building-specific factors (foundation type, HVAC systems, occupancy patterns, preferential

pathways) influence actual indoor air concentrations. The VIIWP will collect data at representative off-site locations to evaluate the vapor intrusion pathway.

4.3.3 Soil — Direct Contact

Based on the available evidence, the soil direct contact pathway is not considered a complete exposure pathway in the off-site area. The primary transport mechanism for PCE at this site is dissolved-phase groundwater migration, not surface soil contamination. Soil vapor (addressed in Section 4.3.2) is the relevant vadose zone pathway. If future investigations (VIIWP sub-slab sampling or other data collection) indicate off-site surface soil contamination of concern, this assessment will be updated accordingly in the HHRA.

4.3.4 Summary of Risk Characterization

Exposure Pathway / Receptor	Exceed 1E-06 or HQ =1	Basis	Driver	Current Mitigation
GW Ingestion — LBWC No. 5	Yes	PCE 57 µg/L; exceeds MCL >10×; HI = 2.0	PCE	GAC treatment
GW Ingestion — TKWC No. 2	Yes	PCE 30 µg/L; exceeds MCL >6×	PCE	GAC treatment
GW Ingestion — TKWC No. 1	Emerging	PCE 1.8 µg/L; one exceedance	PCE	Monitoring
GW Ingestion — Private wells	Data Gap	Historical impacts documented; current status	PCE	WICP pending
Vapor Intrusion — Residential	Potential	1 of 25 SG locs exceed res. PCE ESL; max ILCR 5.8 x 1E-06	PCE; benzene	VIIWP pending
Vapor Intrusion — Commercial	Potential	2 of 25 SG locs exceed comm. PCE ESL	PCE	VIIWP pending
Soil — Direct Contact	No*	No off-site surface soil data; subsurface ND	—	None required
Ambient Air Inhalation	No	All analytes below ESLs in ambient air	—	None required

** Based on available data; pathway considered incomplete. Will be revisited if VIIWP or other data indicate otherwise.*

The identified threats—groundwater ingestion at municipal supply wells and potential vapor intrusion to off-site structures—form the basis for the receptor protection strategy and remedial alternative selection presented in Section 5.0. The current mitigation measures (GAC wellhead treatment at LBWC No. 5 and TKWC No. 2, sentry well monitoring) provide protection of human health.

4.3.5 Qualitative Uncertainty Analysis

4.3.5.1 Groundwater Concentration Variability

Municipal well PCE concentrations vary seasonally and with changes in pumping patterns. Maximum concentrations may not represent long-term average exposure. Conversely, pumping-induced gradients may increase Regional PCE Contamination capture and elevate concentrations relative to ambient conditions.

4.3.5.2 Soil Gas Temporal Variability

The AECOM regional soil gas investigation represents a single sampling event (August 2022). Soil gas concentrations vary seasonally, with barometric pressure, soil moisture, and temperature. A single event may not capture the full range of conditions. Indoor air concentrations depend on building-specific factors not captured by outdoor soil gas sampling.

4.3.5.3 Conservative Screening Approach

The use of MCLs as screening levels for groundwater is protective but not equivalent to a quantitative dose-response risk assessment. MCLs incorporate factors beyond health risk (detectability, treatability, cost) and may be either more or less conservative than the 1E-06 cancer risk standard. The PHG-based quantitative risk assessment (Section 4.3.1.3) provides this additional dose-response context, demonstrating that the aggregate conservatism of OEHHA's PHG framework is approximately 80–90 times more conservative than EPA RAGS methodology for PCE. For soil gas, ESL-based screening does not account for building-specific attenuation and may overestimate indoor air concentrations and associated risk.

4.3.6 Planned Investigations

The following data gaps have been identified that will be addressed through planned investigation activities to support the comprehensive HHRA required by the SCAO:

4.3.6.1 Vapor Intrusion Investigation (VIIWP)

The VIIWP will evaluate vapor intrusion risk at areas overlying the Regional PCE Contamination. One or both of Fox and Seven Springs will implement the VIIWP in accordance with the schedule established under the SCAO.

4.3.6.2 Private and Small Community Well Investigation (WICP)

The WICP will identify and sample private and small community water supply wells within the Regional PCE Contamination area to determine whether current groundwater use poses a threat to human health. Wells with PCE concentrations above the MCL will be evaluated for treatment, connection to public water supply, or destruction, consistent with actions taken for historically impacted private wells. One or both of Fox and Seven Springs will implement the WICP in accordance with the SCAO schedule.

4.3.6.3 Sentry Well Monitoring

Semi-annual sentry well monitoring (Section 7.0) will track Regional PCE Contamination migration toward municipal supply wells and provide advance warning of changing conditions. EKI (2025) has prepared a Sentry Well Groundwater Sampling and Analysis Plan to continue monitoring.

4.3.6.4 Updated HHRA

Following completion of the VIIWP and WICP investigations, a comprehensive updated HHRA will be prepared in accordance with SCAO Order 4 requirements. The comprehensive HHRA will: (1) evaluate potential threats from all affected media using site-specific data; and (2) quantify risks to identified receptors including residential and commercial occupants, private well users, and municipal water consumers. The comprehensive updated HHRA will supersede this assessment.

5.0 REMEDIAL ACTION OBJECTIVES AND CLEANUP STANDARDS

This section presents the remedial action objectives, regulatory requirements and cleanup standards that define the scope and performance criteria for the Off-Site RAP. Remedial action objectives specify the qualitative goals and quantitative levels the remedy must achieve, including the cleanup levels to be attained, the area over which those levels must be achieved, and the timeframe for attainment.

These objectives are developed in accordance with SWRCB Resolution No. 92-49, the NCP (40 CFR 300.430(e)), and USEPA guidance for remedial actions for contaminated groundwater (OSWER Directive 9283.1-2), which requires that RAOs address contaminants of concern, media of concern, potential exposure pathways, and cleanup levels.

The RAOs, applicable or relevant and appropriate requirements, and cleanup levels presented in this section collectively define the performance standards against which remedial alternatives are evaluated in the feasibility study (Section 6.0) and against which remedy performance is measured over the Remedy Implementation Period (Section 7.4).

5.1 REMEDIAL ACTION OBJECTIVES

Remedial Action Objectives (RAOs) are qualitative goals and quantitative levels that the Performing Parties intend to achieve for each COC identified with respect to the Regional PCE Contamination. The following Performing Parties RAOs have been established for the Regional PCE Contamination in accordance with SWRCB Resolution No. 92-49 and the SCAO:

- RAO 1 (Receptor Protection): Prevent human exposure to PCE in drinking water at concentrations exceeding the California MCL of 5 µg/L through GAC treatment of LBWC No. 5 water prior to distribution for the Remedy Implementation Period (as defined in Section 1.2), and provision of a new extraction well if LBWC No. 5 ceases operation prior to MCL attainment, installation of TKWC No. 4 outside the Regional PCE Contamination as the replacement TKWC supply source, and contingency wellhead treatment at TKWC No. 1 or TKWC No. 4 if MCLs are exceeded at such well(s) during the Remedy Implementation Period (see Section 5.3.1.1).

- RAO 2 (Restore groundwater quality): Remove PCE through GAC wellhead treatment at LBWC No. 5, which extracts and destroys dissolved PCE mass with each gallon pumped over the Remedy Implementation Period.

- RAO 3 (Achieve cleanup goals in a reasonable time): Reduce PCE concentrations in groundwater extracted at LBWC No. 5 toward attainment of MCL of 5 µg/L through the GAC Treatment Remedy and mass removal over the Remedy Implementation Period.

- RAO 4 (Regional PCE Contamination Monitoring): Submit status updates to the Lahontan Water Board documenting PCE concentration trends at sentry and municipal wells within the Regional PCE Contamination.

5.2 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS)

In accordance with CERCLA Section 121(d)(2)(A) and SWRCB Resolution No. 92-49, the selected remedy must comply with all applicable or relevant and appropriate requirements. ARARs are categorized as chemical-specific, action-specific, or location-specific. A summary of ARARs is presented below. A compilation is presented in Table 5-1. Requirements identified in Table 5-1 that are not triggered by the recommended alternative are retained for completeness consistent with NCP §300.400(g)(3).

5.2.1 Chemical-Specific ARARs

Chemical-Specific ARARs include:

- California MCL for PCE: 5 µg/L (Title 22, California Code of Regulations, Section 64444). This is the primary cleanup goal for groundwater and the performance standard for wellhead treatment effluent.
- Federal MCL for PCE: 5 µg/L (40 CFR 141.61). Consistent with the California MCL.
- SWRCB Resolution No. 68-16 (Statement of Policy with Respect to Maintaining High Quality of Waters in California): Requires that high quality waters be maintained unless degradation is consistent with the maximum benefit to the people of the state. PCE is not naturally occurring; therefore, the ultimate cleanup goal is non-detect or background (zero).

5.2.2 Action-Specific ARARs

Relevant action specific ARARs are described below and more fully presented in Table 5-1.

5.2.2.1 CERCLA SECTION 121(B) AND 40 CFR 300.430(A)(1)(III)(A) – STATUTORY FRAMEWORK

CERCLA establishes a statutory preference for remedial actions that employ treatment that permanently and significantly reduces the toxicity, mobility, or volume of hazardous substances as a principal element of the remedy. NCP Criterion 4 (40 CFR 300.430(e)(9)(iii)(D)) operationalizes this preference by requiring evaluation of the anticipated performance of treatment technologies and the degree of expected reduction in toxicity, mobility, or volume. This statutory framework provides the basis for evaluating contaminant mass reduction in the feasibility study (Section 6.4, Criterion 4) and supports the groundwater restoration objective (RAO 2).

5.2.2.2 CALIFORNIA WATER CODE SECTIONS 13260-13264

Any person discharging or proposing to discharge waste that could affect the quality of waters of the state must file a Report of Waste Discharge and obtain Waste Discharge Requirements (WDRs) from the Regional Water Quality Control Board. This requirement applies to any remedial technology involving injection of chemicals into the aquifer, including in-situ chemical oxidation (permanganate, persulfate), enhanced in-situ bioremediation (electron donor injection), in-situ chemical reduction (ZVI injection), and permeable reactive barriers. The WDR application must demonstrate that the discharge will not cause or contribute to exceedance of water quality

objectives for the receiving water body, including the chemical-specific ARARs identified in Section 5.2.1 for both the COCs and any secondary contaminants that may be generated or mobilized.

5.2.2.3 SWRCB RESOLUTION 68-16 — ANTIDEGRADATION POLICY:

Resolution 68-16 provides that whenever the existing quality of water is better than the quality established in applicable policies, such existing high quality must be maintained unless a change is consistent with maximum benefit to the people of the state, will not unreasonably affect present and anticipated beneficial uses, and will not result in water quality less than that prescribed in applicable policies.

The TVS Subbasin groundwater is designated for MUN beneficial use and currently meets all water quality objectives except for the PCE contamination being addressed by this RAP. Injection of chemical oxidants, reductants, or organic carbon substrates into this aquifer would introduce non-native constituents and could generate secondary contaminants (Cr(VI), arsenic, vinyl chloride) that would constitute additional degradation of groundwater quality beyond the existing PCE contamination. Any in-situ treatment alternative would need to demonstrate compliance with Resolution 68-16 as part of the WDR application, which requires findings that the degradation is consistent with maximum benefit and will not unreasonably affect beneficial uses — a difficult standard to meet when the proposed injection occurs within the production zones of active municipal supply wells.

5.2.2.4 SWRCB RESOLUTION 92-49 — INVESTIGATION AND CLEANUP

Resolution 92-49 establishes the policies and procedures for investigation and cleanup of discharges under Water Code Section 13304 and provides the primary regulatory framework within which the Off-Site RAP is prepared. The resolution establishes a hierarchical approach to cleanup that balances the obligation to restore water quality with recognition that site-specific conditions may constrain the degree of restoration that can reasonably be achieved. The following provisions are particularly relevant to the evaluation and selection of the off-site remedy.

5.2.2.4.1 Substantial Likelihood Standard (Section III.A)

Performing Parties must demonstrate that the proposed cleanup approach is expected to achieve compliance with cleanup goals and objectives within a reasonable timeframe, consistent with the applicable Water Quality Control Plans and policies. Resolution 92-49 further directs that permanent cleanup and abatement solutions that do not require ongoing maintenance shall be implemented wherever feasible.

5.2.2.4.2 Progressive Sequence and Cost-Effective Methods (Sections II.A.1 and III.C):

Investigation and cleanup shall proceed in a progressive sequence, and the Performing Parties shall consider the effectiveness, feasibility, and relative costs of applicable alternative methods. Such comparison may rely on previous analysis of analogous sites and shall include supporting rationale

for the selected methods. The feasibility study (Section 6.0) satisfies this requirement through a comparative evaluation of remedial technologies.

5.2.2.4.3 Cleanup to Background or Best Reasonable Water Quality (Section III.G)

The remedy must promote attainment of either background water quality, or the best water quality which is reasonable if background levels cannot be restored, considering all demands being made and to be made on those waters and the total values involved, beneficial and detrimental, economic and social, tangible and intangible. Any alternative cleanup level less stringent than background must: (1) be consistent with maximum benefit to the people of the state; (2) not unreasonably affect present and anticipated beneficial uses of such water; and (3) not result in water quality less than that prescribed in the Basin Plan and policies adopted by the SWRCB and Regional Water Boards.

5.2.2.4.4 Technological and Economic Feasibility (Section III.H.1)

Resolution 92-49 recognizes that attainment of water quality objectives may not be reasonable at all sites. Technological feasibility is determined by assessing available technologies that have been shown to be effective under similar hydrogeologic conditions in reducing the concentration of the constituents of concern (Section III.H.1.a). Economic feasibility is defined as an objective balancing of the incremental benefit of attaining further reductions in the concentrations of constituents of concern as compared with the incremental cost of achieving those reductions; the evaluation must consider current, planned, or future land use, and social and economic impacts to the surrounding community including property owners other than the Performing Parties (Section III.H.1.b). Importantly, economic feasibility does not refer to the Performing Parties' ability to finance cleanup; however, availability of financial resources may be considered in the establishment of reasonable compliance schedules.

5.2.2.4.5 Feasibility Determinations Based on Projections (Section III.H.1.c)

The Regional Water Board may make determinations of technological or economic infeasibility on the basis of projection, modeling, or other analysis of site-specific data without necessarily requiring that remedial measures be first constructed or installed and operated and their performance reviewed over time, unless such projection, modeling, or other analysis is insufficient or inadequate to make such determinations.

5.2.2.4.6 Scheduling Considerations (Section IV)

Section IV requires that the schedule for cleanup and abatement reflect: (A) the degree of threat or impact of the discharge on water quality and beneficial uses; (B) the obligation to achieve timely compliance with cleanup and abatement goals; (C) the financial and technical resources available to the Performing Parties; and (D) minimizing the likelihood of imposing a burden on the people of the state. The Remedy Implementation Period and funding framework (Section 7.0) are structured to address these considerations.

5.2.2.5 NPDES/Waste Discharge Requirements:

Applicable to any discharge of treated groundwater that is not distributed as drinking water.

5.2.2.6 California Health and Safety Code Section 25356.1

Requires consideration of state criteria in remedy selection, including health and safety risks, effects on beneficial uses, availability of groundwater resources, site-specific characteristics, and cost-effectiveness.

5.2.2.7 Safe Drinking Water Act

Wellhead treatment systems must comply with DDW requirements for treatment of drinking water sources, including potential Policy Memo 97-005 evaluation for extremely impaired sources (concentrations exceeding 10 times the MCL).

5.2.3 Location-Specific ARARs

Location-Specific ARARs include:

- Lake Tahoe Basin Regional Plan (Tahoe Regional Planning Agency): Any construction activities associated with wellhead treatment systems must comply with TRPA land coverage requirements and construction permits.
- El Dorado County General Plan and City of South Lake Tahoe General Plan: Land use consistency requirements for treatment facility siting.

5.2.4 To-Be-Considered Criteria

TBC criteria identified for the Regional PCE Contamination include USEPA Risk Assessment Guidance for Superfund (USEPA, 1989), OEHHA Public Health Goals (PHGs) for drinking water contaminants, CalEPA vapor intrusion guidance, and USEPA guidance for remedial actions for contaminated groundwater (OSWER Directive 9283.1-2). PHGs are health-based concentrations below which no adverse health effects are expected and are relevant to the human health risk assessment (Section 4.0). The PHG for PCE (0.06 µg/L) is approximately 80× lower than the MCL and provides context for the conservatism of the wellhead treatment approach.

A comprehensive summary of ARARs and TBCs is provided in Table 5-1.

5.3 Cleanup Levels

The cleanup levels for the Regional PCE Contamination are established in accordance with the hierarchy specified in SWRCB Resolution No. 92-49 and the NCP.

5.3.1 Groundwater

The MCL serves as the performance standard for receptor protection at LBWC No. 5 and where contingency wellhead treatment is required, at TKWC No. 1 or TKWC No. 4 (RAO 1) and as a cleanup level for groundwater extracted at LBWC No. 5 (RAO 3).

The primary cleanup level for groundwater is the California MCL for PCE of 5 µg/L (Title 22, CCR, Section 64444), which is consistent with the Federal MCL (40 CFR 141.61) and the water quality objectives established in the Water Quality Control Plan for the Lahontan Region (Basin Plan) for the protection of the municipal and domestic water supply (MUN) beneficial use. The MCLs for PCE degradation products are: TCE, 5 µg/L; cis-1,2-DCE, 6 µg/L; trans-1,2-DCE, 10 µg/L; and vinyl chloride, 0.5 µg/L.

5.3.1.1 REMEDY TIMEFRAME

As defined Section 1.2, the Remedy Implementation Period for LBWC Well No. 5 commences upon execution of the Stipulated CAO and terminates on the earlier of (i) 59 years (subject to extension, but not reduction, for treated-volume shortfalls as provided in Section 7.5 and (ii) PCE and its anaerobic degradation products in groundwater extracted at LBWC No. 5 are below applicable MCLs (i.e., below 5.0 µg/L for PCE) and DDW provides a determination that GAC treatment at LBWC No. 5 is no longer needed.

If contingency wellhead treatment is required for TKWC No. 1 or TKWC No. 4, contingency wellhead treatment will be operated at the well requiring treatment pursuant to this Off-Site RAP for 59 years[3] from adoption of the SCAO or until concentrations of PCE and its anaerobic degradation products in groundwater extracted at such well are below applicable MCLs and DDW provides a determination that GAC treatment at such well is no longer needed, whichever comes first.

Resolution 92-49, Section IV, requires that the schedule for cleanup and abatement take into account: (A) the degree of threat or impact of the discharge on water quality and beneficial uses; (B) the obligation to achieve timely compliance with cleanup goals; (C) the financial and technical resources available to the Performing Parties; and (D) minimizing the likelihood of imposing a burden on the people of the state. The wellhead treatment component of the selected remedy eliminates the threat to drinking water receptors immediately upon implementation, thereby addressing factor (A). The funding framework in the Settlement Agreements and this Off-Site RAP addresses factors (C) and (D) by providing a defined financial structure for sustained remedy operation.

Technical limits to groundwater restoration are a recognized constraint on achievable timeframes. The USEPA Groundwater Remedy Fact Sheet (OSWER Directive 9283.1-2FS, 1996) identifies contaminant-soil interactions, widely distributed contaminant plumes, and poorly transmissive

[3] The 59-year year period for these wells is also subject to adjustment based on treated-volume (pumping) performance at LBWC No. 5, as provided in Section 7.5.

aquifer zones as conditions that increase the restoration timeframe. These conditions are present to varying degrees in the Regional PCE Contamination.

5.3.2 Soil Gas

Vapor intrusion risks will be evaluated under the VIIWP, which relies upon the four-step process developed by DTSC and SWRCB to determine whether buildings located near known or suspected subsurface VOC contamination are potentially affected by VI that may pose a health risk to occupants based on comparison of measured VOC concentrations in soil gas, sub-slab vapor, and indoor air samples with screening levels.

5.4 AREAS WITH COCS ABOVE CLEANUP OR SCREENING LEVELS

Based on the nature and extent characterization presented in the regional characterization investigations cited in Section 16.0 and the cleanup and screening levels established in Section 5.3, the following areas contain COCs at concentrations above cleanup or screening levels.

5.4.1 Supply Wells with PCE Above MCLs

LBWC No. 5 currently has PCE concentrations of 52–82 µg/L (10–16 times the MCL), requiring response action under this OSRAP; GAC wellhead treatment is currently installed and operating at that well. TKWC No. 2 also currently exceeds the MCL, with PCE concentrations of 20-35 µg/L (4–7 times the MCL); GAC wellhead treatment is installed and operating at that well. TKWC No. 2 is planned for decommissioning; the Performing Parties' obligation addressing TKWC's long-term water supply is providing a financial contribution toward construction of TKWC No. 4 outside the Regional PCE Contamination boundary, as described above. Additional private and small community supply wells within the area of attainment may also be affected. The receptor well inventory and evaluation are presented in the WIICP.

5.4.2 Soil Gas

Soil gas data for the off-site area are available from the AECOM regional soil gas investigation conducted in August 2022 (AECOM, 2023), which collected passive soil gas samples from 25 temporary probes across the South "Y" area. AECOM compared the soil gas results to Environmental Screening Levels to identify areas where soil gas concentrations are a potential concern.

Evaluated against the screening level for each probe's existing land use, the soil-gas exceedances are limited to PCE: in commercial land-use areas PCE exceeds the commercial soil-gas cancer ESL (67 µg/m³) at SV-1-22 and SV-1-25; in residential land-use areas PCE exceeds the residential soil-gas cancer ESL (15 µg/m³) at SV-1-17. No probe exceeds a non-cancer ESL for its land use.

The AECOM regional soil gas investigation provided the first systematic characterization of off-site soil gas conditions within the Regional PCE Contamination. The investigation consisted of sampling 25 locations concentrated in the southern and central portions of the South "Y" area. Several data gaps relevant to the evaluation of vapor intrusion risk remain:

- The shallow groundwater Regional PCE Contamination exceeding the residential vapor intrusion groundwater screening level (0.64 µg/L) is present in the South "Y" area, passing through residential neighborhoods.

- AECOM noted in 2022 that PCE vapor concentrations are not bounded along the western boundary of the study area and that no soil gas data exist to the south and west of the highest-concentration location (SV-1-25). However, passive soil gas samples collected in 2019 (EKI, 2019) provided data bounding vapors along Glorene Avenue and the Napa Automotive property. Nevertheless, the occupied residential and commercial structures within this area are identified as buildings of potential concern for vapor intrusion and are prioritized for soil-gas and, as warranted, sub-slab and indoor-air data collection under the VIIWP.

- The investigation sampled soil gas at the ground surface or within 5 feet of ground surface. Sub-slab vapor data have subsequently been obtained for the former Big O Tires site (Geosyntec Consultants, 2026) but no sub-slab vapor data exist for other occupied buildings within the off-site areas investigated by AECOM.

- The investigation was limited to rights-of-way and did not sample soil gas at potential source properties.

The Vapor Intrusion Investigation Work Plan (VIIWP) is designed to address these data gaps through systematic evaluation of soil gas and indoor air conditions at structures overlying the shallow Regional PCE Contamination, including both residential and commercial buildings. The objective of the active soil gas investigation described in the VIIWP is to further assess the subsurface vapor conditions to evaluate the potential for VI within occupied buildings. Active soil gas sampling is generally preferred as a line of evidence for assessing VI threats where groundwater is impacted by VOCs.

6.0 FEASIBILITY STUDY

This section presents the feasibility study for the Regional PCE Contamination. The evaluation follows the remedy-selection framework of the National Contingency Plan (NCP), 40 CFR § 300.430. The NCP prescribes a sequential evaluation process: (1) identification of candidate technologies and process options applicable to each contaminated medium; (2) screening of technologies against effectiveness, implementability, and cost; (3) assembly of retained technologies into remedial alternatives; and (4) detailed analysis of alternatives against the nine evaluation criteria (40 CFR 300.430(e)(7) and (e)(9)). This section follows that sequence.

The evaluation considers both initial effectiveness and the capacity of each alternative to accommodate uncertainty through and contingency measures, consistent with USEPA guidance that promotes a flexible decision-making process for groundwater remedial actions (OSWER Directive 9283.1-2).

6.1 TECHNOLOGY SCREENING

Remedial technologies were screened with respect to effectiveness, implementability, and relative cost in accordance with the NCP and USEPA RI/FS guidance (USEPA, 1988) and SWRCB Resolution 92-49. The screening criteria are described below.

6.1.1 Screening Criteria

A summary of the screening analysis is presented in Table 6-1. A discussion of the criteria is presented below.

6.1.1.1 EFFECTIVENESS

The potential effectiveness of the technology to handle the estimated areas or volumes of impacted media, meet the remediation goals identified in the RAOs, the potential impacts to human health and the environment during implementation, and the reliability and proven history of the technology with respect to the COCs and conditions at the site.

The effectiveness of a technology in this Off-Site RAP considers its ability to provide receptor protection and mass removal during the period before concentrations of PCE and its anaerobic biodegradation products are reduced to below MCLs.

6.1.1.2 IMPLEMENTABILITY

Implementability assesses the technical and institutional feasibility of implementing a technology, including the ability to obtain necessary permits and regulatory approvals. For technologies involving injection of chemicals into the aquifer, implementability includes the feasibility of obtaining Waste Discharge Requirements (WDRs) from the Lahontan Water Board (California Water Code Sections 13260-13264) and demonstrating compliance with the antidegradation requirements of SWRCB Resolution 68-16, as discussed in Section 5.2.2. The WDR application

addresses potential secondary water quality impacts and whether injections will not degrade groundwater quality in a MUN-designated aquifer.

6.1.1.3 COST

Relative capital and operation and maintenance costs, evaluated on a comparative basis using engineering assumptions and professional judgment. At this screening stage, cost plays a limited role, with technologies evaluated as high, moderate, or low cost relative to other technologies.

6.1.2 General Response Actions

6.1.2.1 GROUNDWATER

The following general response actions are applicable to dissolved-phase groundwater contamination:

- No Action — required as a baseline for comparison (40 CFR 300.430(e)(6)).
- Institutional Controls — restrictions on groundwater use and land use covenants.
- Containment — technologies that prevent further migration of contaminants (e.g., physical barriers, hydraulic containment).
- Ex-Situ Treatment — extraction of contaminated groundwater followed by above-ground treatment (e.g., pump-and-treat, wellhead treatment with GAC or air stripping).
- In-Situ Treatment — technologies that treat contamination in place (e.g., chemical oxidation, enhanced bioremediation, reactive barriers, air sparging).

6.1.2.2 SOIL GAS/VAPOR INTRUSION

The AECOM Soil Gas Investigation (AECOM, 2023) and the Vapor Intrusion Investigation Work Plan (PES, 2023) establish the framework for evaluating the soil gas pathway. The AECOM 2022 passive soil gas survey identified PCE in soil gas at concentrations that may warrant further evaluation at specific locations overlying the Regional PCE Contamination. The vapor intrusion pathway requires evaluation because dissolved PCE in shallow groundwater can volatilize into the vadose zone and potentially migrate into overlying structures. General response actions applicable to the soil gas/vapor intrusion pathway include:

As described by DTSC and SWRCB (2023), VI mitigation is the preferred action for reducing unacceptable levels of current VI exposure until the source of the VI has been remediated to acceptable levels. The VIIWP states that a VI Mitigation Plan would be prepared for each building that has unacceptable VI conditions as documented in the HHRA. Mitigation approaches and technologies include short term and long-term measures and require post-implementation monitoring. The VI Mitigation Plan would identify what response actions are appropriate and would present the methods and procedures for implementing the response actions. Upon approval

of the VI Mitigation Plan by Lahontan Water Board staff, the proposed response actions would be implemented.

With respect to vapor intrusion impacts to be investigated under this Work Plan, in accordance with the Stipulated CAO, the VIIWP does not impose obligations on Seven Springs and Fox to address discharges by other parties initiated after the date the Stipulated CAO is adopted or, following completion of the HHRA evaluation described above, to further evaluate or mitigate contamination arising primarily from discharges originating off-Site. Thus, in the event the sampling and evaluation performed under the VIIWP identify a need for response actions as a result of such contamination, preparation and implementation of the VI Mitigation Plan and/or performance of additional rounds of indoor air sampling or sub-slab vapor testing will be the responsibility of parties other than Seven Springs and Fox

6.1.2.3 TECHNOLOGY SCREENING PROCESS

Table 6-1 presents the technology screening summary. The screening disposition assigns each technology to one of three categories:

- Retained for Alternative Assembly — technology is effective, implementable, and cost-reasonable at Regional PCE Contamination scale for meeting RAOs.
- Screened Out — technology is not effective, not implementable, or fundamentally incompatible with site conditions at any scale.

Table 6-1 summarizes the technology screening results for groundwater.

6.1.3 Ex-Situ Groundwater Technology Screening

6.1.3.1 GRANULAR ACTIVATED CARBON (GAC) ADSORPTION

GAC adsorption removes dissolved VOCs from extracted groundwater by passing the water through vessels containing activated carbon media. PCE adsorbs onto the carbon surface until the media is exhausted, at which point the carbon is replaced or regenerated. GAC is designated as a Best Available Technology (BAT) for VOC removal from drinking water by both USEPA and the State Water Resources Control Board Division of Drinking Water (DDW).

6.1.3.1.1 Effectiveness:

Treatment of groundwater with GAC has proven effective for PCE removal to below MCLs. GAC systems are currently operating at LBWC Well No. 5 (since 2021) and TKWC No. 2 (since 2012), demonstrating site-specific performance under actual operating conditions. PCE removal rates exceed 99% at current influent concentrations. The technology also accomplishes mass removal as an inherent function of the treatment process.

6.1.3.1.2 Implementability

Systems are already installed and permitted under DDW. LBWC and TKWC have operational experience. GAC change-out is a routine maintenance activity performed by the carbon supplier. No additional permits or regulatory approvals are required for continued operation.

6.1.3.1.3 Cost

Capital costs have been incurred for LBWC No. 5 and TKWC No. 2, therefore capital costs are relatively lower than newer technologies. O&M costs for GAC change-out, monitoring, and reporting are well-characterized from operational history.

6.1.3.1.4 Screening Disposition:

Ex situ treatment with GAC is retained for alternative assembly. GAC is the only treatment technology currently deployed at the site, with demonstrated effectiveness under actual operating conditions and no design-build lag.

6.1.3.2 AIR STRIPPING

Air stripping transfers dissolved VOCs from water to air by maximizing the air-water interface, typically using packed towers or shallow tray aerators. PCE's high Henry's Law constant makes it amenable to air stripping.

6.1.3.2.1 Effectiveness

Effective for PCE removal from extracted groundwater. Comparable removal efficiency to GAC for the COCs present.

6.1.3.2.2 Implementability

Air stripping requires air discharge permits (potentially including TRPA air quality review in the Lake Tahoe Basin). Off-gas treatment may be required depending on influent concentrations and local air quality regulations. Packed towers have a larger physical footprint than GAC vessels.

6.1.3.2.3 Cost

Capital and O&M costs are comparable to GAC for the flow rates and concentrations at the affected wells. Due to potential water treatment costs to control scaling, air stripping does not offer a cost advantage over the installed GAC systems.

6.1.3.2.4 Screening Disposition

Air stripping is retained for contingency. Air stripping is a proven treatment technology but offers no advantage over the GAC systems already installed and operating. Air stripping is retained as a backup treatment option for well-head or mid-Regional PCE Contamination extraction contingency measures.(Section 8.7).

6.1.3.3 GROUNDWATER EXTRACTION (PUMP-AND-TREAT)

Groundwater extraction involves pumping contaminated groundwater from wells or trenches and treating it above ground before discharge or reinjection. At the Regional PCE Contamination, groundwater extraction could be applied as mid-Regional PCE Contamination extraction using dedicated recovery wells if monitoring data indicated it might be needed.

6.1.3.3.1 Effectiveness

Groundwater extraction is proven effective for removing dissolved-phase mass from the mobile groundwater domain and providing hydraulic containment. However, extraction cannot remove PCE stored in the immobile domain (low-permeability sediments); back-diffusion will sustain dissolved concentrations in the extracted groundwater for an extended period after mobile-domain mass is removed.

The Kennedy/Jenks Feasibility Study (KJ, 2020) evaluated mid-Regional PCE Contamination extraction and concluded that extraction does not eliminate the need for wellhead treatment at receptor wells. At Regional PCE Contamination scale, a mid-Regional PCE Contamination extraction system could require more than 20 extraction wells, centralized treatment infrastructure, and discharge infrastructure (sewer, NPDES, or reinjection).

6.1.3.3.2 Implementability

Groundwater extraction is implementable using standard construction methods. However, the 3–7 year design-build-permit period means that receptor protection must be provided by other means during construction. Property access across the Regional PCE Contamination footprint, TRPA construction constraints, and discharge permitting are substantial institutional challenges. The KJ feasibility study noted limited property availability for treatment infrastructure in the South Y Area commercial corridor.

6.1.3.3.3 Cost

The KJ Feasibility Study estimated mid-Regional PCE Contamination extraction system costs at $37M–$82M (50-year, escalated to 2025 dollars using ENR CCI). These costs are in addition to the concurrent cost of wellhead treatment at receptor wells.

6.1.3.3.4 Screening Disposition

Groundwater extraction is retained, but not for the full contamination extent. Mid-Regional PCE Contamination extraction is not retained for Regional PCE Contamination-scale alternative assembly because it does not independently provide receptor protection, does not eliminate the need for wellhead treatment, and does not overcome the back-diffusion limitation. However, extraction is retained as a contingency measure for mass removal under certain contingency scenarios (Section 8.7).

6.1.4 Alternative Water Supply

The NCP guidance for contaminated groundwater remedial actions (OSWER Directive 9283.1-2FS, 1989) identifies provision of an alternative water supply as a recognized general response action. Under this response action, an unimpacted water source replaces a contaminated supply well, eliminating receptor exposure without reliance on in-situ or ex-situ treatment of the contaminated source. Alternative water supply does not reduce PCE mass or contribute to groundwater restoration but satisfies the receptor protection objective (RAO 1) by removing the affected receptor from contact with contaminated water.

Process options for alternative water supply include:

- New municipal supply well outside the contamination boundary — construction of a new production well at a location where groundwater is unimpacted by the contaminant plume, providing a permanent replacement water source. Applicable where a suitable location outside the plume can be identified, characterized, and developed consistent with water quality standards and yield requirements.

- Connection to an alternative water system — interconnection with an adjacent water utility or regional system providing unimpacted supply. Applicable where existing infrastructure permits interconnection at acceptable cost.

- Treatment of an alternative source — development of a surface water or deeper aquifer source with appropriate treatment. Applicable where depth-separated or geographically distinct unimpacted sources exist.

For the Regional PCE Contamination, the applicable process option is a new municipal supply well outside the contamination boundary, evaluated below.

6.1.4.1 New Municipal Supply Well

New municipal supply wells outside the area of contamination provide unimpacted groundwater to replace or supplement impacted supply wells. For PCE-contaminated aquifer systems, siting outside the plume boundary eliminates treatment requirements and long-term treatment cost obligations. The technology is applicable where the aquifer system contains zones or locations not impacted by the contaminant plume and where yield, water quality, and infrastructure constraints can be satisfied.

6.1.4.1.1 Effectiveness

A new municipal supply well sited outside the Regional PCE Contamination boundary is immediately effective for receptor protection (RAO 1) — it eliminates PCE exposure at the replaced supply well without reliance on treatment performance. Effectiveness does not depend on source depletion, or treatment system reliability. It does not contribute to PCE mass removal (RAO 2) or plume restoration (RAO 3); those objectives are addressed by the GAC wellhead treatment component of the remedy. For the TKWC system, a well location has been identified at

the Park site in the eastern Tahoe Keys subdivision (EMKO, 2026) with pre-construction sampling confirming PCE non-detect at proposed screen depths (GSI, 2025).

6.1.4.1.2 Implementability

A new municipal supply well requires site selection, exploratory drilling, design, construction, DDW permitting, and connection to the existing distribution system. At the Park site, site selection and exploratory drilling have been completed (EMKO, 2026), and a preliminary design has been developed (GSI, 2025). DDW permitting for a new municipal supply well is a standard administrative process. No Waste Discharge Requirements are required because the well does not involve discharge of treated water to surface water or the aquifer. TRPA land coverage requirements apply to surface infrastructure; these are addressed in the CEQA/TRPA compliance review (Section 12). The technology is fully implementable at this site.

6.1.4.1.3 Cost

Capital cost consists of well construction, pump and motor installation, treatment system installation if required (not anticipated given PCE non-detect at proposed screen depths), and distribution system connection. Annual O&M costs consist of pumping energy, routine maintenance, and DDW-required monitoring. Capital and O&M costs are defined by the TKWC Settlement Agreement and are not quantified separately in this Off-Site RAP. Relative cost is moderate — higher capital than continued GAC treatment at TKWC No. 2 but eliminates long-term GAC O&M needs at that well.

6.1.4.1.4 Screening Disposition: Retained for Alternative

Alternative water supply via construction of TKWC No. 4 at the Park site is effective, implementable, and cost-defined under the Settlement Agreement. It satisfies RAO 1 for the TKWC system by replacing TKWC No. 2 with an unimpacted supply source, eliminates the need for ongoing GAC treatment at TKWC No. 2, and provides long-term supply security outside the Regional PCE Contamination boundary. Retained for alternative remedy as a component of the remedy alongside GAC wellhead treatment at LBWC No. 5.

6.1.5 In-Situ Treatment Groundwater Technologies

6.1.5.1 IN-SITU CHEMICAL OXIDATION (ISCO)

ISCO involves injecting chemical oxidants (permanganate, persulfate, Fenton's reagent, or ozone) into the subsurface to destroy dissolved-phase and sorbed-phase contaminants through chemical oxidation reactions.

6.1.5.1.1 Effectiveness

ISCO can destroy PCE in the mobile groundwater domain upon contact with oxidant. However, three site-specific limitations constrain effectiveness: (1) Oxidant cannot penetrate low-permeability sediments where back-diffusion sustains the Regional PCE Contamination; treatment

is limited to the mobile domain, after which concentrations rebound as PCE diffuses back into treated zones. Multiple injection campaigns over decades would be required, with diminishing returns.

6.1.5.1.2 Implementability

Injection of chemical oxidants into the aquifer requires Waste Discharge Requirements (WDRs) from the Lahontan Water Board. Compliance with Resolution 68-16 (antidegradation) is uncertain given the potential for secondary degradation of groundwater quality (Cr(VI), metals mobilization) in the vicinity of active drinking water supply wells. Property access for injection across hundreds of parcels presents a significant institutional constraint.

ISCO introduces secondary water quality risks at active municipal supply wells. Permanganate oxidation of naturally occurring trivalent chromium (Cr(III)) in aquifer sediments can generate hexavalent chromium (Cr(VI)); the California MCL for Cr(VI) is 10 µg/L and the Public Health Goal is 0.02 µg/L. Persulfate activation mobilizes iron and manganese. These reactions could create new MCL exceedances in the production zones of wells the remedy is designed to protect. In addition at Regional PCE Contamination scale (~28 million sq ft), the number of injection points, volume of oxidant, and number of repeated campaigns required render Regional PCE Contamination-wide ISCO impracticable.

6.1.5.1.3 Cost

At Regional PCE Contamination scale ISCO could cost $45M–$120M (Class 5 order-of-magnitude estimate based on KJ, 2020, escalated to 2025 dollars). These costs would be in addition to the concurrent cost of wellhead treatment.

6.1.5.1.4 Screening Disposition

ISCO is screened out at Regional PCE Contamination scale due to secondary water quality risks at active supply wells (Cr(VI) generation, metals mobilization), back-diffusion rebound between injection campaigns, and implementability constraints. Further, ISCO is not retained for contingency due to the risk of introducing new contaminants at supply wells; the secondary water quality concern is not a function of scale but of proximity to active production wells.

6.1.5.2 Enhanced In-Situ Bioremediation (EISB)

EISB involves injecting electron donors (e.g., lactate, emulsified vegetable oil) and potentially bioaugmentation cultures into the subsurface to stimulate reductive dechlorination of chlorinated ethenes under anaerobic conditions.

6.1.5.2.1 Effectiveness

EISB requires reducing (anaerobic) conditions to drive sequential reductive dechlorination of PCE through TCE, DCE, and vinyl chloride (VC) to ethene. Site-specific geochemical data indicate generally unfavorable conditions for EISB: (1) The aquifer is predominantly aerobic, with

dissolved oxygen concentrations that would need to be overcome and maintained in a reducing state across the treatment area for the duration of treatment. (2) PCE comprises 94–99% of total chlorinated ethene molar fraction, indicating limited existing dechlorination activity (3) Empirical first-order decay rates for PCE are 0.001–0.006/yr, corresponding to half-lives of 115–693 years under ambient conditions (4) EISB generates vinyl chloride as an intermediate degradation product. VC is a known human carcinogen with a California MCL of 0.5 µg/L—more stringent than the PCE MCL of 5 µg/L. Introduction of VC near active supply wells creates a new compliance risk more hazardous than the parent compound. (5) Injection of organic substrates mobilizes iron, manganese, and arsenic and depletes dissolved oxygen, creating secondary water quality impacts in the production zones of active supply wells.

6.1.5.2.2 Implementability

The same WDR and Resolution 68-16 constraints as ISCO apply. Maintaining reducing conditions across the Regional PCE Contamination footprint for decades is impracticable. Property access across hundreds of parcels also makes implementation unlikely or infeasible.

6.1.5.2.3 Cost

At Regional PCE Contamination scale EISB could exceed $50M (Class 5 estimate). These costs would be in addition to the concurrent cost of wellhead treatment.

6.1.5.2.4 Screening Disposition

EISB is screened out. The fundamental site geochemistry (aerobic aquifer, limited dechlorination, 94–99% PCE molar fraction) makes EISB incompatible with site conditions. VC generation risk near active supply wells is not a scale-dependent limitation. The Kennedy/Jenks Technical Advisory Committee independently concluded that in-situ remediation was not viable for the Regional PCE Contamination based on scale, geochemistry, and proximity to active supply wells (KJ, 2020).

6.1.5.3 AIR SPARGING

Air sparging involves injecting air below the water table to volatilize dissolved VOCs, which are then captured by a soil vapor extraction (SVE) system. Air sparging combined with SVE (the GASS system) has been applied successfully at the LTLW site since 2010.

6.1.5.3.1 Effectiveness

Air sparging combined with SVE has been demonstrated effective at the LTLW site (the GASS system, operating since 2010), where the limited treatment footprint facilitates vapor capture. Air sparging volatilizes dissolved PCE from groundwater into the vadose zone, where SVE captures the vapors before they reach the surface. Overall, this technology is very effective at reducing concentrations of PCE in groundwater and controlling off-gassed vapors.

6.1.5.3.2 Implementability

At Regional PCE Contamination scale, air sparging across the Regional PCE Contamination footprint (~28 million sq ft) would volatilize PCE into the vadose zone across residential and commercial areas where soil gas currently does not contain PCE at concentrations exceeding screening levels. The AECOM Soil Gas Investigation (AECOM, 2023) established the current soil gas baseline; Regional PCE Contamination-wide air sparging would introduce PCE vapors into portions of the vadose zone that are not currently impacted, creating a new vapor intrusion exposure pathway for overlying receptors. Deploying SVE across the entire Regional PCE Contamination footprint to capture these vapors would require hundreds of extraction points, extensive horizontal piping networks, and treatment infrastructure throughout the South Y Area commercial and residential corridor — effectively converting the entire Regional PCE Contamination area into an active remediation zone.

At a focused, localized scale, air sparging paired with SVE is an implementatabile treatment approach. The sparge zone can be sized to target a specific area of elevated groundwater concentrations, and the SVE system can be designed to capture off-gas vapors within the treatment footprint, preventing uncontrolled vapor migration to overlying receptors.

Therefore, air sparging is not implementable at Regional PCE Contamination scale due to the vapor intrusion risk of volatilizing PCE across residential and commercial areas that are not currently impacted by soil gas. At a localized scale, however, air sparing is implementable using standard construction methods; however, TRPA construction constraints, property access, and air discharge permitting apply.

6.1.5.3.3 Cost

The cost has not been estimated at Regional PCE Contamination scale due to implementability constraints. At localized scale: costs would consist of $0.5–$1M for design and installation, plus $75K–$100K/yr O&M depending on system size and off-gas treatment requirements.

6.1.5.3.4 Screening Disposition

Air sparging has been screened out at Regional PCE Contamination scale because Regional PCE Contamination-wide sparging would volatilize PCE into the vadose zone across areas where soil gas does not currently exceed screening levels, creating a new vapor intrusion exposure pathway. However, air sparging is retained for use as a contingency measure at localized scale: targeted air sparging with SVE vapor control could be deployed at a specific location to enhance mass removal and/or provide upgradient wellhead protection (Section 8.0).

6.1.5.4 PERMEABLE REACTIVE BARRIER (PRB)

PRBs are subsurface walls of reactive media (typically zero-valent iron, ZVI) installed perpendicular to groundwater flow to intercept and treat dissolved contaminants as groundwater passes through the barrier.

6.1.5.4.1 Effectiveness

PRBs have proven effective for dechlorination of PCE at sites with appropriate hydrogeologic conditions. ZVI reduces PCE through abiotic reductive dechlorination without generating problematic intermediate products under most conditions. Zero-valent iron (ZVI) systems—particularly permeable reactive barriers (PRBs) and injected iron—often exhibit a start-up or maturation period before full treatment of PCE is observed. Field and laboratory literature attribute this to a combination of kinetic, geochemical, and microbiological processes that evolve over months to years.[4]

At Regional PCE Contamination scale, a PRB across the full width of the Regional PCE Contamination would require a barrier approximately 4,000 ft wide and 150 ft deep. This exceeds the dimensions of the deepest published continuous-trench PRB by a factor of two or more (DTSC, 2008). No construction precedent exists for a barrier of this scale.[5]

At a localized scale, a PRB or funnel-and-gate system installed upgradient of an individual receptor well is a fundamentally different engineering problem. A localized PRB of 200–500 ft width and 60–80 ft depth (targeting the MZA Regional PCE Contamination core upgradient of a single well capture zone) is within the range of published installations, though still at the upper end of constructed depths. Further, during the time for maturation of the ZVI, wellhead treatment would be required.

6.1.5.4.2 Implementability

At Regional PCE Contamination scale installation of a 4,000-foot wide and 150-foot deep PRB is not implementable. At localized scale: PRB is technically implementable but constructability challenges remain, including urban infrastructure conflicts, property access for construction equipment, and TRPA regulations. Long-term performance concerns include permeability loss from mineral precipitation and biofouling, particularly at the depths required (60–80 feet). Monitoring and maintenance of a deep reactive barrier are substantially more complex than monitoring a wellhead treatment system.

6.1.5.4.3 Cost

At Regional PCE Contamination scale PRB would cost over $100M (Class 5 estimate). At localized scale (single-well funnel-and-gate): $3M–$10M for design, construction, and initial monitoring, plus $100K–$300K/yr O&M.

[4] https://www.researchgate.net/publication/364769595_Long-term_performance_evaluation_of_zero-valent_iron_amended_permeable_reactive_barriers_for_groundwater_remediation_-_A_mechanistic_approach
[5] https://www.dtsc.ca.gov/TechnologyDevelopment/upload/Final_PRB_Report_42208.pdf

6.1.5.4.4 Screening Disposition

PRB is screened out at Regional PCE Contamination scale (infeasible at required dimensions). However, based on its effectiveness and potential implementability, it is retained for contingency at localized scale: a funnel-and-gate PRB installed upgradient of an individual receptor well capture zone could supplemental mass reduction as a contingency measure.

6.1.5.5 IN-SITU THERMAL TREATMENT

Thermal technologies (electrical resistive heating, steam injection, thermal conduction heating) heat the subsurface to volatilize and extract contaminants. Thermal treatment can access contaminant mass in low-permeability zones that other technologies cannot reach.

6.1.5.5.1 Effectiveness

Thermal treatment is the only technology that can potentially address PCE stored in the immobile domain (low-permeability sediments) by heating the matrix and driving diffusion outward. It has proven effective, particularly within the finer grain sediments that provide sufficient resistance to electrical flow to promote the necessary heating for volatilization and removal of sorbed mass.[6]

6.1.5.5.2 Implementability

The energy requirements, infrastructure demands, and duration of treatment at this scale are prohibitive. This technology is not implementable at Regional PCE Contamination scale in a developed urban/commercial area with active municipal water supply infrastructure. The South Y Area includes commercial buildings, residential properties, roadways, and underground utilities. TRPA constraints on construction activities in the Lake Tahoe Basin add additional limitations.

6.1.5.5.3 Cost

For implementation with electrical resistive heating, the energy costs alone would exceed $5 billion to treat the Regional PCE Contamination.

6.1.5.5.4 Screening Disposition

Thermal treatment is screened out at all scales for the offsite Regional PCE Contamination. Thermal treatment has potential applicability where the treatment volume is defined and bounded. The offsite dissolved Regional PCE Contamination is too extensive and too deep for thermal application.

[6] https://www.epa.gov/sites/default/files/2020 01/documents/final low permeability 12 2 19.pdf.

6.1.5.6 PHYTOREMEDIATION

Phytoremediation uses plants to uptake, degrade, or volatilize contaminants from shallow soil and groundwater.

6.1.5.6.1 Effectiveness

Phytoremediation is limited to shallow groundwater (typically <15 feet bgs) accessible to root systems. The Regional PCE Contamination core resides in the MZA at 30–60 feet bgs, well below the effective treatment depth for any phytoremediation system. Therefore, phytoremediation would not be effective for treatment of a deep, laterally extensive PCE Regional PCE Contamination of this magnitude because the majority of contaminant mass occurs below the biologically active root zone. The technology may have limited applicability for shallow groundwater zones, Regional PCE Contamination margins, or polishing following more aggressive source control, but it is not capable of achieving meaningful mass reduction within the main Regional PCE Contamination body.

6.1.5.6.2 Implementability

The Lake Tahoe climate (USDA Zone 6b, freezing winters, snow cover) limits growing seasons and plant viability, hence making thus limiting its potential implementation. Further, to implement over the Regional PCE Contamination of 6,000 × 4,000 ft would require establishing and maintaining a plantation requiring large contiguous land areas, irrigation during establishment, long-term vegetation management, protection from wildlife and seasonal damage.

6.1.5.6.3 Cost

Phytoremediation generally has lower capital and operating costs than active mechanical or thermal remediation technologies; however, costs scale with the areal extent of planting and the duration of operation. For a Regional PCE Contamination footprint on the order of 6,000 feet by 4,000 feet (approximately 500–600 acres), planning-level costs for installation and establishment of a phytoremediation system are estimated to range from approximately $10,000 to $40,000 per acre, with annual operation and maintenance costs of approximately $1,000 to $3,000 per acre. Over a 20- to 30-year operating period, total project costs would be on the order of $20 million to $70 million. Because phytoremediation would influence only shallow groundwater within the biologically active root zone and would not significantly affect contaminant mass at depths approaching 150 feet, the cost effectiveness of this technology for Regional PCE Contamination-wide remediation would be low despite the relatively modest unit costs.

6.1.5.6.4 Screening Disposition

Phytoremediation would be difficult to implement at the scale required for this Regional PCE Contamination due to large land area requirements, climatic constraints that reduce plant growth and evapotranspiration, and the depth to groundwater. The technology could be implemented only in limited shallow areas and would not be practicable as a Regional PCE Contamination-wide remedy.

6.1.5.7 Institutional Controls and Monitoring for Groundwater

Institutional controls include land use covenants, well drilling restrictions, and groundwater use advisories. Institutional controls do not reduce contaminant concentrations but can limit exposure during the period that concentrations exceed cleanup levels. Institutional controls are retained as a component of the remedy.

6.1.5.7.1 Effectiveness

Institutional controls for groundwater are effective in addressing direct exposures by prohibiting installation and operation of private water supply wells without proper testing and monitoring. These controls do not reduce concentrations but ensure that the groundwater exposure is evaluated and mitigated as part of future development within the Regional PCE Contamination footprint.

6.1.5.7.2 Implementability

Institutional controls are readily implementable but require coordination with local permitting agencies and incorporation into building permit conditions and land-use documentation, which can be difficult if overseeing governmental agencies do not cooperate.

6.1.5.7.3 Cost

Institutional control costs are generally low and typically limited to administrative implementation, periodic review, and documentation updates.

6.2 Development of Remedial Alternatives

Remedial alternatives are assembled from the technologies retained through screening (Section 6.1). Consistent with 40 CFR 300.430(e)(3) and (e)(6), alternatives range from no action through progressively more complex and costly combinations of technologies. Each alternative must represent a complete remedy capable of addressing the RAOs.

Three technologies were retained for alternative assembly: GAC adsorption (ex-situ treatment), MNA, and institutional controls. Six additional technologies were retained for contingency application at localized scales for contingent mass removal: air stripping, groundwater extraction, localized PRB, localized air sparging with SVE were retained for contingent mass removal. The alternatives assembled from these technologies are:

6.2.1 Alternative 1: No Action

The No Action alternative is required as a baseline for comparison under 40 CFR 300.430(e)(6). Under this alternative, no remedial actions would be taken. Wellhead treatment cost would be borne entirely by the water purveyors and their ratepayers. No monitoring and no contingency measures would be implemented by the Performing Parties. Natural attenuation would continue unmonitored.

The No Action alternative does not satisfy RAO 1 (receptor protection), RAO 2 (mass reduction), or the ARARs identified in Section 5.2. It is retained only as a comparison baseline.

6.2.2 Alternative 2: Wellhead Treatment with GAC (WHT), TKWC No. 4 Construction, Institutional Controls (ICs), and Contingency Measures (CMs)

Alternative 2 *Wellhead Treatment with GAC, TKWC No. 4 Construction, Institutional Controls, and Contingency Measures* (herein referred to as WHT, TKWC No. 4, ICs, and CMs) combines the retained technologies into an integrated remedy that provides receptor protection, PCE mass removal, and long-term water supply security outside the Regional PCE Contamination

6.2.2.1 WELLHEAD TREATMENT WITH GAC

Alternative 2 relies on two integrated components funded through the Settlement Agreements. The first is continued operation of the GAC Treatment Remedy for the Remedy Implementation Period. LBWC No. 5 serves simultaneously as the receptor protection mechanism (RAO 1) and the primary means of dissolved PCE mass removal from the Regional PCE Contamination (RAO 2). The second is construction and operation of TKWC No. 4, a new municipal supply well sited outside the Regional PCE Contamination, which replaces TKWC No. 2 as the primary TKWC supply source. Upon TKWC No. 4 reaching operational status, it will provide long-term supply capacity.

6.2.2.1.1 LBWC No. 5 Operation

LBWC No. 5 is the primary mass removal well under Alternative 2 for the duration of the remedy. The LBWC Settlement Agreement provides for funding GAC wellhead treatment for a 59-year period, or until MCLs are met for PCE and its anaerobic biodegradation products, whichever comes first. The Division of Drinking Water (DDW) has reviewed and approved the Standard Operating Procedures for the GAC treatment system (DDW, 2025).

LBWC No. 5 influent PCE concentrations are currently 52–65 µg/L (2025). The well operates at an average pumping rate of approximately 400 gpm. The GAC treatment system, operational since 2021, reduces PCE concentrations in treated water to below the reporting limit of 0.5 µg/L, providing a removal efficiency exceeding 99%. GAC treatment at LBWC No. 5 will continue until influent PCE concentrations remain below the MCL for at least one year and DDW provides a determination that GAC treatment at LBWC No. 5 is no longer needed.

6.2.2.1.2 TKWC No. 2: Operation

TKWC No. 2 has provided GAC wellhead treatment for PCE since 2012. The GAC pressure filter has a treatment capacity of 550 gpm. TKWC No. 2 operates as a lag well in the TKWC system, with an average operational pumping rate of approximately 98 gpm (Kennedy Jenks, 2020). Current (2025) influent PCE concentrations are approximately 30–35 µg/L.

TKWC plans to replace the production capacity of TKWC No. 2 with that of TKWC No. 4 (Section 6.2.2.1.3), to be constructed outside the Regional PCE Contamination. The TKWC

Settlement Agreement provides for Performing Party funding for TKWC No. 4 construction. The anticipated modification of TKWC No. 2 is contingent on TKWC No. 4 achieving operational status. GAC treatment at TKWC No. 2 will continue until shutdown.

6.2.2.1.3 TKWC No. 4: Replacement Supply Well

TKWC No. 4 is a proposed municipal supply well planned for construction outside the Regional PCE Contamination to replace the production capacity of TKWC No. 2. The TKWC Settlement Agreement provides for Performing Party funding for TKWC No. 4 construction.

The proposed design for TKWC No. 4 specifies screened intervals at 146–152 feet bgs, 180-187 feet bgs, and 195–204 feet bgs, with a design pumping capacity of 2,000 gpm (EMKO, 2026; GSI, 2025). The upper screen interval at 146–152 ft bgs is approximately 30 feet below the TKWC1-SW-1 sampling depth where PCE concentrations of 130–150 µg/L were recorded in April 2023. Pre-construction groundwater sampling at the proposed well location did not detect PCE above analytical reporting limits (GSI, 2025).

6.2.2.2 Institutional Controls

Institutional controls will restrict the use of groundwater within the Regional PCE Contamination. As described in the Stipulated CAO, El Dorado County Department of Environmental Health (EDCDEH) Code Chapter 8.39 provides that "[n]otwithstanding any other provisions to the contrary, no water well permit may be issued for a private water well on parcels that have existing or available public water system connection unless it will be used for agricultural purposes." This provision applies to most of the TVS Subbasin due to municipal water service provided by the South Tahoe Public Utility District, Lukins Brothers Water Company, and TKWC. Code Chapter 8.39 further requires "[a]ll water wells shall be located such that adequate separation is provided between the well and areas with known or suspected contaminants or pollutants." Moreover, State of California Executive Order N-7-22 restricts permits for water wells or alterations of existing water wells in basins subject to the Sustainable Groundwater Management Act (SGMA) and classified as medium or high priority. The Tahoe Valley Groundwater Basin, which includes the TVS Subbasin, is classified as medium priority under SGMA; therefore, the well restriction in Executive Order N-7-22 applies to groundwater impacted by the Regional PCE Contamination.

Alternative 2 is the only assembled alternative that provides receptor protection from Day 1 without a design-build lag, accomplishes mass removal as an inherent function of the receptor protection remedy and that draws from screened technologies at the appropriate scale of application.

6.2.2.3 Contingency Measures (Section 8.0)

Consistent with USEPA guidance for groundwater remedies (OSWER Directive 9283.1-2), Alternative 2 includes a contingency framework that addresses the primary scenario that could disrupt remedy performance: permanent shutdown of LBWC No. 5 prior to either MCL attainment for PCE and its anaerobic biodegradation products at LBWC No. 5 or 59 years, whichever occurs first. The contingency is implemented using the same GAC treatment technology as the primary

remedy. No contingency measure requires deployment of a technology that was screened out. The contingency scenarios are summarized below and presented in Section 8.0 and described below.

6.2.2.3.1 LBWC No. 5 Contingencies

LBWC No. 5 is the primary treatment well and mass removal engine under Alternative 2. Contingency measures for this well address scenarios that could interrupt receptor protection or reduce mass removal performance.

6.2.2.3.1.1 Treatment System Failure or Extended Outage

If LBWC determines that the GAC system at LBWC No. 5 has become inoperable for more than 60 consecutive days — due to equipment failure, carbon supply disruption, or other cause -- during the next 59 years prior to a determination that GAC treatment at LBWC No. 5 is no longer needed (Offline Determination), the Settlement Agreement between the Performing Parties and LBWC requires:

i. LBWC will notify the Performing Parties and the Lahontan Water Board within ten (10) business days of its Offline Determination;

ii. LBWC will promptly diagnose the problem with the well, if any; evaluate alternative solutions, if appropriate; obtain an estimate of the cost to repair, rehabilitate or replace the well or otherwise restore the well to operation, as necessary, to enable continued GAC treatment of groundwater at the Well No. 5 site (Cost Estimate); and promptly share its diagnosis and Cost Estimate with Performing Parties and the Lahontan Water Board no later than 90 days of issuing the Offline Determination;

iii. LBWC will attempt in good faith to reach an agreement with the Performing Parties and the Lahontan Water Board to facilitate any necessary repairs, rehabilitation or replacement of the well or other actions that will enable Lukins to continue GAC treatment of groundwater at LBWC No. 5;

iv. If no agreement is reached within 120 days of LBWC providing the Cost Estimate to the Performing Parties and the Lahontan Water Board, then within 150 days of providing the Cost Estimate, LBWC will elect to either (A) resume operation of Well No. 5 and the GAC treatment system at the Well No. 5 site or (B) permanently terminate operation of Well No. 5 and the GAC treatment system, and provide written notice thereof to the Performing Parties and the Lahontan Water Board of such election (Election Notice), provided that if LBWC does not provide an Election Notice within 210 days of providing the Cost Estimate or fails to provide the Cost Estimate within 210 days of issuing the Offline Determination, it will be deemed to have elected to permanently terminate operation of Well No. 5;

v. Within sixty (60) days of the date of the Election Notice, if LBWC either elected to or is deemed to have elected to permanently terminate operation of Well No. 5 in accordance with the above, then, LBWC will return to the Performing Parties any and all funds remaining from the settlement payment made by the Performing Parties so that those funds are available to fund activities as required by the this OSRAP and the SCAO. Those activities would consist of one of the mass removal alternatives identified in Section 6.2.

vi. If, in the event Lukins elects or is deemed to have elected to permanently terminate operation of Well No. 5 in accordance with the above, the Performing Parties are permitted to request access to LBWC property to install a groundwater treatment system, and LBWC will attempt in good faith to reach agreement with the Performing Parties to provide them access to such property on commercially reasonable terms.

6.2.2.3.1.2 LBWC No. 5 Treatment Completion

Completion criteria for LBWC No. 5 GAC treatment are defined in Section 6.2.2.1.1, influent PCE concentrations below the MCL for at least one year and until DDW provides a determination that GAC treatment at LBWC No. 5 is no longer needed. Upon meeting completion criteria, the well transitions to routine DDW monitoring with the GAC system on standby. If PCE concentrations subsequently rebound above the MCL, GAC treatment resumes.

6.3 DETAILED ANALYSIS OF ALTERNATIVES

The two assembled alternatives (No Action and Alternative 2) are evaluated below against the nine NCP criteria (40 CFR 300.430(e)(9)).

6.3.1 Threshold Criteria

The two threshold criteria — overall protection of human health and the environment, and compliance with ARARs — are pass/fail requirements. An alternative that fails either threshold criterion is not eligible for selection as the remedy, regardless of its performance under the balancing criteria.

6.3.1.1 CRITERION 1: OVERALL PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

Criterion 1 addresses whether an alternative provides adequate protection of human health and the environment, considering the manner in which risks posed by the site are eliminated, reduced, or controlled through treatment, engineering controls, institutional controls, or a combination thereof (40 CFR §300.430(e)(9)(iii)(A)). This evaluation considers both the short-term and long-term protectiveness of each alternative across all affected media and exposure pathways identified in the CSM (Section 3).

6.3.1.1.1 *Alternative No. 1: No Action*

Alternative No. 1 does not provide overall protection of human health and the environment. Under No Action, PCE concentrations at municipal supply wells continue to exceed the MCL of 5 µg/L — LBWC No. 5 influent is currently 52–65 µg/L (10–13 times the MCL) and TKWC No. 2 influent is 30–35 µg/L (6–7 times the MCL). Without funded wellhead treatment, the cost and operational responsibility for maintaining drinking water compliance falls entirely to the water purveyors and their ratepayers. No mechanism under Alternative No. 1 ensures that treatment continues.

Alternative No. 1 fails the Criterion 1 threshold.

6.3.1.1.2 *Alternative No. 2: WHT, TKWC No. 4, ICs and CMs*

Alternative No. 2 provides overall protection of human health and the environment through multiple integrated components that address each exposure pathway identified in the CSM.

GAC treatment at LBWC No. 5 (operational since 2021) reduces PCE concentrations in treated water from influent levels up to 65 µg/L to below the 0.5 µg/L reporting limit, providing a removal efficiency exceeding 99%. TKWC No. 2 currently operates with GAC treatment (operational since 2012; influent approximately 30–35 µg/L) and will continue to do so until TKWC No. 4 achieves operational status, at which point TKWC No. 2 will be retired. Protection is continuous from the date of system startup, with no design-build lag. Treated water quality is verified through routine monitoring under DDW-approved Standard Operating Procedures. The LBWC Settlement Agreement provides the financial mechanism to sustain treatment operations, GAC media replacement, system maintenance, and equipment replacement for the Remedy Implementation Period.

The estimated regional PCE mass in place, and its partitioning between the mobile and low-permeability (immobile) domains, is presented in Appendix D.

Mass removal through the extraction and treatment process reduces the volume and mobility of dissolved PCE in the aquifer as an inherent function of wellhead treatment. At LBWC No. 5, the estimated current mass removal is approximately 40 lbs/yr. This mass removal, combined with natural attenuation processes (dispersion, biodegradation, and back-diffusion decay), provides the mechanism for long-term Regional PCE Contamination concentration reduction toward cleanup levels.

Following cessation of wellhead treatment at TKWC No. 2, TKWC No. 4 will be operated to provide water supply. TKWC N. 4 is sited and completed outside the Regional PCE Contamination.

The vapor intrusion pathway is addressed through the VIIWP, which provides for systematic evaluation of the indoor air exposure route at structures within the Regional PCE Contamination footprint, with appropriate mitigation undertaken as provided for the in the VIIWP. Institutional

controls restrict installation of new drinking water wells within the Regional PCE Contamination footprint.

The contingency framework addresses plausible scenarios that could affect protectiveness, such as shutdown of LBWC No. 5. Each contingency measure draws from technologies retained through the screening analysis (Section 6.1).

Alternative No. 2 passes the Criterion 1 threshold.

6.3.1.2 CRITERION 2: COMPLIANCE WITH ARARS

Criterion 2 addresses whether an alternative will meet all applicable or relevant and appropriate requirements of federal and state environmental laws, or whether there are grounds for invoking a waiver (40 CFR §300.430(e)(9)(iii)(B)). The identified ARARs for the Off-Site RAP are presented in Section 5.2 and summarized in Table 5-1.

6.3.1.2.1 *Alternative No. 1: No Action*

Alternative No. 1 does not comply with applicable requirements. Specifically:

- Chemical-specific ARARs: PCE concentrations at LBWC No. 5 (52–65 µg/L) and TKWC No. 2 (30–35 µg/L) exceed the federal MCL of 5 µg/L (40 CFR §141.61) and the California MCL of 5 µg/L (22 CCR §64444). Under No Action, no mechanism exists to achieve or maintain compliance with these standards at receptor wells. The affected water purveyors would be required to independently fund and operate treatment to meet DDW requirements, but the Performing Parties' obligation to fund treatment — which is the basis for ARAR compliance at these wells — would not be established.
- Action-specific ARARs: No Action does not satisfy the requirements of SWRCB Resolution 92-49, which directs that cleanup and abatement actions be implemented when waste discharges have resulted in conditions of pollution or nuisance, and that such actions be consistent with the policies and procedures for investigation and cleanup established therein.

- Location-specific ARARs: No Action does not address the proximity of contaminated groundwater to municipal drinking water supply wells in a designated sole-source aquifer area. The Tahoe Valley South groundwater subbasin is designated as a medium-priority basin under SGMA, and the beneficial use of the aquifer for municipal and domestic supply (MUN) is identified in the Lahontan Basin Plan.

- SWRCB Resolution 68-16 (Statement of Policy with Respect to Maintaining High Quality Waters) requires that the highest water quality consistent with maximum benefit to the people of the state be maintained. No Action provides no mechanism to restore groundwater quality and allows continued impairment of the beneficial use of the aquifer.

Alternative No. 1 fails the Criterion 2 threshold.

6.3.1.2.2 Alternative No. 2: WHT, TKWC No. 4, ICs and CMs

Alternative No. 2 satisfies the treatment preference under CERCLA Section 121(b) and SWRCB Resolution 92-49 — treatment is the principal element of the selected alternative, not merely an adjunct to institutional controls or monitoring. GAC wellhead treatment at LBWC No. 5 extracts contaminated groundwater from the aquifer and removes dissolved PCE mass by adsorption onto granular activated carbon prior to distribution;.

Resolution 92-49 requires cleanup to background, or if not feasible, to the most stringent technically and economically feasible alternative level (23 CCR §2550.4). Background PCE concentrations in the TVS Subbasin are effectively zero. Active restoration to background is not technically practicable given the scale of the plume, mass stored in low-permeability matrix intervals subject to back-diffusion, and the absence of a feasible extraction configuration capable of achieving background at all locations within the area of attainment. The most stringent technically and economically feasible alternative level is MCL attainment at active receptor wells, achieved through GAC wellhead treatment at LBWC No. 5 and construction of TKWC No. 4 outside the Regional PCE Contamination.

- Chemical-specific ARARs**:** GAC-treated water at LBWC No. 5 and TKWC No. 2 meets the California MCLs for PCE (5 µg/L) and all other COCs at the point of distribution. Effluent PCE concentrations are consistently below the reporting limit. TKWC No. 4, to be constructed outside the Regional PCE Contamination, will provide drinking water meeting MCLs without treatment. The GAC treatment systems at LBWC No. 5 and TKWC No. 2 are operated under DDW-approved Standard Operating Procedures specifying influent and effluent monitoring frequencies, GAC change-out criteria, and reporting requirements.

- Action-specific ARARs: The Settlement Agreements with LBWC and TKWC provide the institutional and financial framework for compliance, including funding for continued GAC treatment at LBWC No. 5 and construction of TKWC No. 4 during the Remedy Implementation Period. Sentry well monitoring is conducted in accordance with Board-approved protocols. The Stipulated CAO establishes enforceable obligations and a compliance schedule for each element of the recommended alternative.

- Location-specific ARARs**:** Construction of TKWC No. 4 and any contingency substitute extraction well within the Lake Tahoe Basin requires TRPA review and permitting. Construction activities will be conducted in compliance with TRPA Code of Ordinances and applicable PCAPCD air quality requirements. No construction is proposed in designated wetlands, floodplains, or areas with known cultural resources; consultation under NHPA and ESA will be completed prior to commencement of construction activities.

Further evaluation of the applicable ARARs for Alternative 2 is presented in Table 5-1.

6.3.2 Balancing Criteria

Having satisfied both threshold criteria, Alternative No. 2 is evaluated against Alternative No. 1 under the five balancing criteria. Alternative No. 1, while failing the threshold criteria, is retained as the baseline for comparison per NCP guidance (USEPA, 1988).

6.3.2.1 CRITERION 3: LONG-TERM EFFECTIVENESS AND PERMANENCE

Criterion 3 addresses the ability of a remedy to maintain reliable protection of human health and the environment over time, once cleanup goals have been achieved (40 CFR §300.430(e)(9)(iii)(C)). This evaluation considers the magnitude of residual risk remaining after cleanup goals are met, and the adequacy and reliability of controls to manage that residual risk.

6.3.2.1.1 *Alternative No. 1: No Action*

Alternative No. 1 does not provide long-term effectiveness. Groundwater contamination would persist and attenuate over time through natural processes, but without a monitoring framework, the rate and trajectory of attenuation are unverified. No mechanism exists to confirm that concentrations are declining at receptor wells, to detect Regional PCE Contamination migration toward currently unaffected wells.

The residual risk under No Action includes continued exceedance of MCLs at influent to receptor wells for the duration of the natural attenuation period. Because no controls are in place to manage these residual risks, the long-term effectiveness of Alternative No. 1 cannot be assessed. Alternative No. 1 rates not applicable (fails threshold criteria).

6.3.2.1.2 *Alternative No. 2: WHT, TKWC No. 4, ICs and CMs*

Alternative No. 2 provides long-term effectiveness through the integration of active treatment, alternative water supply, institutional controls and contingency measures. The long-term reliability of each component is supported by site-specific evidence and established practice.

Long-term mechanisms for receptor protection consist of installation and operation of TKWC No. 4 that will provide an alternative water supply and PCE removal through operation of the GAC treatment system at LBWC No. 5, verified by the performance monitoring program. GAC wellhead treatment is a mature, proven technology for PCE removal from extracted groundwater. The LBWC No. 5 and TKWC No. 2 GAC systems have demonstrated sustained removal efficiency exceeding 99% since their respective startup dates (2021 and 2012). GAC treatment reliability is well-established in the water utility industry, with predictable media service life, standardized change-out procedures, and multiple vendor sources for replacement carbon. The Settlement Agreements provide financial assurance for continued GAC operations, media replacement, and system maintenance over the Remedy Implementation Period, addressing the primary concern with long-term effectiveness: sustained funding.

Institutional controls provide long-term protection against new exposure pathways during the by restricting well installation within the Regional PCE Contamination footprint. The magnitude of

residual risk after cleanup goals are achieved is low. Once influent PCE concentrations at receptor wells decline below the MCL and meet the completion criteria (eight consecutive quarterly samples below 5 µg/L), the remaining dissolved-phase PCE in the aquifer will be at concentrations below health-based standards. Back-diffusion from low-permeability interbeds may sustain low-level concentrations above non-detect for an extended period following completion of active treatment, but these concentrations will be below MCLs.

Alternative No. 2 rates high for long-term effectiveness and permanence.

6.3.2.2 Criterion 4: Reduction of Toxicity, Mobility, or Volume Through Treatment

6.3.2.2.1 Alternative No. 1: No Action

Alternative No. 1 does not meet Criterion 4, as it provides no treatment, no reduction in toxicity, mobility, or volume.

6.3.2.2.2 Alternative No. 2: WHT, TKWC No. 4, ICs and CMs

Alternative 2 satisfies Criterion 4 through treatment as a principal element of the remedy. GAC wellhead treatment at LBWC No. 5 and TKWC No. 2 reduces the volume of dissolved PCE in the aquifer by extracting contaminated groundwater and adsorbing PCE onto activated carbon, which is subsequently destroyed through thermal reactivation. At current (2026) conditions, wellhead treatment removes approximately 40 lbs/yr of PCE. The treatment reduces the toxicity of the groundwater by reducing PCE concentrations in extracted water from as high as 60–82 µg/L to below reporting limits prior to distribution. The extraction process also reduces contaminant mobility by removing dissolved-phase mass from the mobile groundwater domain that would otherwise continue migrating downgradient. Active mass removal through wellhead treatment satisfies the CERCLA Section 121(b) statutory preference for treatment as a principal element of the remedy.

6.3.2.3 Criterion 5: Short-Term Effectiveness

Criterion 5 evaluates the effectiveness of each alternative in protecting human health and the environment during the construction and implementation period, including: (1) protection of the community during remedial actions; (2) protection of workers during construction and operation; (3) potential adverse environmental impacts during implementation; and (4) the time required to achieve remedial action objectives (USEPA, 1988; 40 CFR §300.430(e)(9)(iii)(E)).

6.3.2.3.1 Alternative No. 1: No Action

Under Alternative No. 1, no construction or implementation activities occur, and therefore no construction-related short-term risks to the community, workers, or environment are introduced. However, the absence of remedial action means that existing exposures continue unabated for the duration of the restoration timeframe. Municipal supply wells currently exceeding MCLs (LBWC No. 5 at 52–65 µg/L; TKWC No. 2 at 30–35 µg/L) would require the affected water purveyors to

independently provide treatment or take wells out of service to maintain compliance with DDW requirements, leaving both cost and implementation risk on the purveyors.

The time to achieve RAOs under Alternative No. 1 is undefined. Natural attenuation processes would eventually reduce concentrations below MCLs, but without the extraction and treatment provided by wellhead treatment systems, dissolved PCE mass remains in the aquifer and attenuates solely through dispersion, biodegradation, and diffusion-controlled processes. Because no active measures are taken and no monitoring framework is established to assess performance, Alternative No. 1 provides no mechanism to confirm that RAOs are being met or to detect conditions that could extend the restoration timeframe.

6.3.2.3.2 Alternative No. 2: WHT, TKWC No. 4, ICs and CMs

6.3.2.3.2.1 Protection of the Community During Remedial Actions

The primary treatment component of Alternative No. 2 — GAC wellhead treatment at LBWC No. 5 — is already constructed and operational, having been in service since 2021. No additional construction is required at this location. The GAC system operates within the existing wellhead infrastructure and does not generate noise, traffic, emissions, or other impacts to the surrounding community during routine operation. Periodic GAC media change-outs involve delivery of carbon vessels by truck and exchange of spent vessels, requiring approximately one day per change-out with temporary lane closures on the access road. These activities are comparable in scale and duration to routine utility maintenance.

TKWC No. 4 construction involves drilling and completing a production well in a developed area within the Tahoe Keys subdivision. The well is designed with screened intervals at 146–152 ft bgs, 180–187 ft bgs, and 195–204 ft bgs and a design pumping capacity of 2,000 gpm (EMKO, 2026; GSI, 2025). Construction activities include drill rig mobilization, well drilling, development, pump testing, and surface facility installation. Short-term community impacts include construction noise, heavy vehicle traffic, and localized dust generation, mitigated through standard BMPs including sound attenuation walls, dust suppression, and traffic control per GSI (2025). Drill cuttings will be characterized prior to disposal; pre-construction sampling confirmed non-detect PCE conditions at the proposed location, and cuttings from the screen intervals are not expected to contain PCE.

Sentry well monitoring, VIIWP indoor air sampling, and WICP activities involve small-scale field operations (sampling equipment, portable generators) with negligible community impacts.

No component of Alternative No. 2 requires excavation of contaminated soil, injection of treatment reagents into the subsurface, discharge of treated water to surface water, or other activities that could create secondary exposure pathways for the community. The remedy operates entirely within existing utility infrastructure (LBWC and TKWC water systems) and monitoring well networks.

6.3.2.3.2.2 Protection of Workers During Remedial Actions

Worker health and safety risks under Alternative No. 2 are limited to routine activities performed by water purveyors associated with water utility operations and environmental monitoring. GAC

media change-outs at LBWC No. 5 and TKWC No. 2 involve handling of carbon vessels containing adsorbed PCE. Spent GAC is transported off-site by licensed haulers for thermal reactivation or disposal; worker exposure during transport is controlled by DOT hazardous materials transportation requirements.

TKWC No. 4 well drilling involves standard occupational hazards associated with heavy equipment operation, elevated work, and rotating machinery. These risks are managed through the drilling contractor's health and safety program and OSHA construction standards (29 CFR 1926). Because the well is sited outside the area of documented PCE contamination and screened below the contaminated interval, workers are not expected to encounter PCE-contaminated groundwater during drilling. Drill cuttings from shallower intervals that may intersect the Regional PCE Contamination will be managed by TKWC.

Groundwater and sentry well sampling activities involve potential contact with PCE-contaminated groundwater. Sampling personnel follow a Health and Safety Plan (HASP), which should specify nitrile gloves, safety glasses, and ambient air monitoring using a photoionization detector (PID) at well clusters with known PCE concentrations above the MCL. No worker exposures above occupational exposure limits are anticipated given the dissolved-phase PCE concentrations at the site (maximum ~65 µg/L in groundwater, well below the OSHA PEL of 100 ppm in air).

6.3.2.3.2.3 Potential Environmental Impacts

Alternative No. 2 does not introduce secondary contaminants into the environment. The GAC treatment process adsorbs PCE from extracted groundwater onto activated carbon; no treatment chemicals are added to the water, and treated water is distributed directly to consumers through the existing municipal water system. Spent GAC is managed by water purveyors as a solid waste and transported to permitted facilities for thermal reactivation (which destroys adsorbed PCE) or disposal.

TKWC No. 4 well drilling generates cuttings and development water that require characterization and management. Drill cuttings are stockpiled on-site, sampled for VOCs, and disposed at a permitted facility. Development water is contained, tested, and discharged to the sanitary sewer under permit or transported for off-site disposal. These are standard well construction waste management practices.

No cross-media transfer of contamination occurs under Alternative No. 2. The wellhead treatment process does not volatilize PCE to the atmosphere (as would occur with air stripping), does not generate a liquid waste stream requiring treatment or discharge, and does not mobilize contaminants in the subsurface. The spent GAC waste stream is the sole secondary waste generated by the remedy, and it is managed through established off-site treatment and disposal channels.

MNA does not involve any physical activities that could create environmental impacts. Institutional controls are administrative measures with no physical implementation impacts.

6.3.2.3.2.4 Time to Achieve Remedial Action Objectives

The time to achieve receptor protection under Alternative No. 2 is effectively zero for currently impacted wells. GAC treatment at LBWC No. 5 has been operational since 2021 and at TKWC No. 2 since 2012, providing continuous receptor protection from the date of system startup. Treated water at both wells meets all applicable drinking water standards, with effluent PCE concentrations below the 0.5 µg/L reporting limit.

For TKWC No. 4, no treatment is anticipated because the well will be completed outside the Regional PCE Contamination (Section 6.2.2.1.3). Vertical profiling at upgradient sentinel wells TKCW1-SW-1 and TCW-SW-2 confirm that the screen intervals of TKWC No. 4 do not intersect the Regional PCE Contamination. In addition, pre-construction sampling has confirmed the absence of PCE in the proposed installation area. However, the remedy includes contingent actions for receptor protection for both TKWC Wells No. 1 and No. 4 (Section 7.0).

6.3.2.3.2.5 Summary

Alternative No. 2 presents minimal short-term risks to the community, workers, and environment. The primary treatment system is already operational, eliminating the construction-phase risks typically associated with remedy implementation. The only significant new construction activity — TKWC No. 4 well drilling and any construction associated with installation of an extraction well as a contingency — involves standard municipal well construction practices with manageable short-term impacts. The time to achieve receptor protection is zero for currently impacted wells, and the contingency framework provides mechanisms to maintain protection as conditions evolve. Alternative No. 2 rates high for short-term effectiveness.

6.3.2.4 CRITERION 6: IMPLEMENTABILITY

Criterion 6 addresses the technical and administrative feasibility of implementing a remedy, including the ability to construct, operate, and maintain the technology; the reliability of the technology; the ease of undertaking additional remedial actions if necessary; the ability to monitor effectiveness; the ability to obtain necessary approvals and permits; and the availability of required materials, services, and equipment (40 CFR §300.430(e)(9)(iii)(F); USEPA, 1988).

6.3.2.4.1 *Alternative No. 1: No Action*

Alternative No. 1 requires no construction, operation, permitting, or procurement, and is therefore fully implementable from a technical and administrative standpoint. However, the absence of a monitoring framework means that the ability to evaluate remedy effectiveness — a sub-element of implementability — is not provided. There is no mechanism to determine whether natural attenuation is occurring at rates sufficient to achieve cleanup goals, no monitoring network to detect Regional PCE Contamination migration or changing conditions. The implementability of No Action is technically trivial but functionally incomplete: it can be implemented, but its effectiveness cannot be verified.

Alternative No. 1 rates high for ease of implementation but not applicable for the monitoring and management sub-elements of implementability.

6.3.2.4.2 *Alternative No. 2: WHT, TKWC No. 4, ICs and CMs*

Alternative No. 2 is fully implementable. The primary components of the remedy are already constructed, permitted, and operational, substantially reducing the implementation risk that typically accompanies remedy selection.

6.3.2.4.2.1 Technical Feasibility

GAC wellhead treatment at LBWC No. 5 and TKWC No. 2 has been in continuous operation since 2021 and 2012, respectively. The treatment systems are constructed, staffed, and maintained by the water purveyors under DDW-approved Standard Operating Procedures. No design, procurement, or construction is required for these systems beyond routine maintenance and periodic GAC media replacement — activities that are standard water utility operations performed by the purveyors' existing staff and contractors. GAC treatment is a mature, widely deployed technology for VOC removal from extracted groundwater; equipment, replacement media, and technical expertise are commercially available from multiple vendors without supply constraints. The technology does not require specialized operator training beyond standard water treatment plant operations.

TKWC No. 4 construction involves standard municipal supply well drilling and completion using conventional rotary or sonic drilling methods. The proposed well depth (200 ft bgs) and diameter are within the capability of multiple licensed well drilling contractors operating in the Tahoe Basin and Northern California. Well development, pump testing, equipping, and connection to the TKWC distribution system follow established engineering practices under DDW permitting requirements. No specialized or unproven construction methods are required.

The sentry well monitoring network is established, with wells LBWC5-SW-1, LBWC5-SW-2, LBWC1-SW-1 through LBWC1-SW-3, TKWC1-SW-1, TKWC1-SW-2, TKWC2-SW-1, and TKWC2-SW-2 installed and operational. Sampling and analysis follow established protocols using commercially available passive diffusion bag (PDB) and low-flow sampling methods with standard EPA Method 8260 laboratory analysis.

The contingency measures identified in Section 6.2.2.3 involve technologies retained through screening that are technically mature and commercially available. Air stripping (LBWC No. 5 failure contingency) and mid-Regional PCE Contamination extraction (upgradient interception) are standard environmental remediation technologies with established design criteria, performance records, and contractor availability. No contingency measure requires deployment of an unproven, innovative, or pilot-scale technology.

6.3.2.4.2.2 Administrative Feasibility

The institutional and regulatory framework for Alternative No. 2 is established. The Settlement Agreements with LBWC and TKWC define the roles, responsibilities, funding obligations, and

operational requirements for each party. DDW has reviewed and approved the GAC treatment system SOPs at LBWC No. 5 and TKWC No. 2. No additional regulatory approvals are required for continued operation of the existing treatment systems.

TKWC No. 4 construction requires a DDW water supply permit amendment, a well construction permit from El Dorado County Environmental Management Department, and applicable local construction permits (grading, encroachment, noise). These are standard permitting requirements for municipal supply well construction that TKWC has navigated previously for existing wells. No federal permits (e.g., NPDES, UIC) are required because no discharge to surface water or injection to groundwater occurs under Alternative No. 2.

Institutional controls, consisting of well installation restrictions are implemented through the El Dorado County Code and State of California Executive Order N-7-22. These administrative mechanisms are established practice in California for sites with groundwater contamination affecting land use.

6.3.2.4.2.3 Ability to Undertake Additional Remedial Actions

Alternative No. 2 does not preclude or complicate future remedial actions. The wellhead treatment systems operate at the point of extraction and do not alter aquifer conditions in a manner that would interfere with upgradient sources conducting treatment, Regional PCE Contamination-scale extraction, or in-situ treatment technologies. If the contingency framework identifies a need for additional measures — such as extraction because LBWC No. 5 is no longer operational — these measures can be designed and implemented without modifying or suspending the existing treatment operations. The modular nature of the remedy (individual well-specific treatment systems, separate monitoring networks, independent contingency measures) allows components to be added, modified, or removed without disrupting the overall remedy.

6.3.2.4.2.4 Ability to Monitor Effectiveness

DDW monitoring at all TKWC and LBWC production wells provides concentration trend data. The monitoring network is already installed and operational, with established sampling protocols and data management systems (GeoTracker reporting). No additional monitoring infrastructure is required for remedy implementation.

Alternative No. 2 rates high for implementability.

6.3.2.5 CRITERION 7: COST

Criterion 7 evaluates capital costs, annual operation and maintenance (O&M) costs, and total present-worth costs for each alternative (40 CFR §300.430(e)(9)(iii)(G)). Cost estimates are developed consistent with USEPA guidance (USEPA, 2000) and are considered Class 4/5 estimates (accuracy range of +50%/−30%) appropriate for the feasibility study level of analysis. Present-worth costs are calculated using a discount rates of 3% to 7% over the Remedy Implementation Period.

6.3.2.5.1 *Alternative No. 1: No Action*

Under Alternative No. 1, there is no cost to the Performing Parties. However, the absence of Performing Party-funded treatment does not eliminate the cost of protecting public health — it leaves that cost with the water purveyors and their ratepayers.

LBWC and TKWC would be required to independently fund continued GAC treatment operations at LBWC No. 5 and TKWC No. 2 to maintain compliance with DDW drinking water standards. These costs include GAC media replacement, system maintenance and repair, energy costs for pumping and treatment, regulatory monitoring and reporting, and eventual system decommissioning.

TKWC would additionally bear the full cost of TKWC No. 4 construction, which under Alternative No. 2 receives funding through the TKWC Settlement Agreement. No performance monitoring program would be funded. Under Alternative No. 1, the cost of sentry well monitoring, trend analysis, and data reporting would either be absorbed by the Lahontan Water Board (using public funds), transferred to the purveyors, or simply not performed.

6.3.2.5.2 *Alternative No. 2: WHT, TKWC No. 4, ICs and CMs*

The estimated costs for Alternative No. 2 are organized into three categories: (1) LBWC No. 5 GAC treatment system O&M; (2) Off-Site RAP program costs including monitoring and reporting; and (3) capital contingencies triggered by specific conditions are summarized below. A remedy cost summary is presented in Table 6-2.

Capital costs include payments to TKWC for TKWC No. 4 well construction (drilling, completion, equipping, connection to distribution system, and permitting). No other significant capital expenditures are required because the GAC treatment systems at LBWC No. 5 and TKWC No. 2 are already constructed and operational. Sentry well installation has been completed. Capital costs include replacement of GAC treatment equipment (vessels, piping, controls) at approximately Years 25 and 50 of the remedy period as existing equipment reaches the end of its design service life, estimated at $480,000 per event (2026$).

6.3.2.5.2.1 O&M Costs

In its Wellhead Treatment Cost Estimate Technical Report (2026), Stantec estimated the annual cost of GAC system operation at LBWC No. 5 as follows:

- GAC media replacement: approximately $25,000 per year (estimated 26-month changeout cycle)
- Incremental electrical costs: approximately $1,600 per year
- Labor for system monitoring and changeout coordination: approximately $13,000 per year
- VOC analytical costs: approximately $6,600 per year

Stantec estimated annual GAC O&M at: approximately $46,200 (2026 dollars). In addition, two vessel replacement events are anticipated within the 59-year period at approximately $480,000 per event (2021 dollars), at approximately Years 25 and 50.

6.3.2.5.2.2 Monitoring Costs

Annual Off-Site RAP program costs for performance monitoring and regulatory reporting are estimated at $69,920 (2026$), comprising sentry well monitoring ($54,920/yr) and regulatory oversight and reporting ($15,000/yr). These costs are borne directly by the Performing Parties, separate from the Settlement Agreement payment structure. The detailed monitoring cost breakdown and monitoring and reporting and reporting costs.

Monitoring and Reporting Costs

Description	Per Event Cost	Events /yr	Annual Cost	Notes / Basis
A. SENTRY WELL MONITORING				
(9 wells,6 semi-annual/3 annual, passive samplers)				
Pre-field planning & passive sampler procurement	$2,830	2	$5,660	*SAP review, scheduling, sleeve procurement*
Field sampling — 2-day mobilization	$9,780	2	$19,560	*2-person crew; wells 76–178 ft bgs*
Laboratory analysis (8260B VOCs + QA/QC)	$225	18	$4,050	*15 wells + FD + EB + trip blank; $225/sample*
Data evaluation & quarterly status reporting	$5,200	4	$20,800	*Technical memo: data tabulation, trend analysis*
Well maintenance & data validation			$3,500	*Annual inspection, lock/cap check, QA review*
Subtotal A: Sentry Well Monitoring			$53,570	
B. REGULATORY OVERSIGHT & REPORTING				
Water Board Oversight			$10,000	
Water Board coordination & meetings			$5,000	*Technical calls, correspondence,*
Subtotal B: Regulatory Oversight			$15,000	

Description	Per Event Cost	Events /yr	Annual Cost	Notes / Basis
TOTAL ANNUAL COST (2026$)			$68,570	

6.3.2.5.2.3 Contingency Costs

Contingency costs are not annual recurring expenses but rather one-time capital expenditures triggered by specific conditions identified in the contingency framework (Section 8.0). The contingency reserve addresses the most probable scenarios, including installation of an extraction well if LBWC No. 5 ceases operation, and replacement of destroyed monitoring wells. Cost ranges are based on the Kennedy/Jenks Feasibility Study (2008) and comparable project data, adjusted for current conditions. The identified contingency scenarios are presented below with cost ranges.

Capital Contingencies — Triggered Scenarios

Contingency Scenario	Trigger Condition	Response Action	Cost Range	Source
Replacement well + GAC facility (if LBWC No. 5 ceases)	LBWC stops pumping; returns SA funds	Replacement well + GAC treatment facility	$2.8M–$8.0M	*KJC FS App D*
Land acquisition (replacement well scenario)	New well construction required in SLT	Property purchase or easement; ESA	$900K–$1.1M	*Fair Market Evaluation, 2026*
Replacement of destroyed wells	Physical destruction of monitoring well	Well replacement drilling, construction, permitting	$50K–$150K per well	*OS-4S precedent*
CEQA/TRPA environmental review	New construction in Tahoe Basin	Initial study, TRPA/ agency approvals	$44K–$94K	*KJC FS Table 2*

Capital contingencies are excluded from the present-worth cost comparison between alternatives because they are conditional expenditures, incurred only if specific trigger conditions are met.

6.3.2.5.2.4 Total Cost Summary

Remedy Cost Summary

Cost Category	Annual Cost (2026$)	59-yr NPV @ 3%	59-yr NPV @ 7%	Funding Source
LBWC No. 5 GAC Treatment				

Cost Category	Annual Cost (2026$)	59-yr NPV @ 3%	59-yr NPV @ 7%	Funding Source
GAC media replacement	$25,000			SA payment to LBWC
Electrical (incremental GAC headloss)	$1,600			SA payment to LBWC
Labor	$13,000			SA payment to LBWC
Analytical	$6,600			SA payment to LBWC
Subtotal: LBWC No. 5 GAC Operation and Monitoring	$46,200	$1,270,769	$708,548	*SA payment to LBWC of $2,600,000*
GAC Vessel Replacement (Years 25 and 50)		$329,000	$169,000	
Total LBWC No. 5 GAC		$1,599,769	$877,548	
TKWC No. 4 Construction		$650,000	$650,000	*GSI, 2025, payment to TKWC $1.500,000*
Monitoring & Reporting	$68,570	$1,886,000	$958,000	*Performing Parties direct*
Total Remedy Cost		$4,135,769	$2,485,548	Excludes contingent well cost

The cost estimates above reflect the technically required treatment cost — the carbon consumption, labor, and monitoring necessary to maintain MCL compliance at the distribution system entry point. The adequacy of the Settlement Agreement payment relative to GAC treatment costs — including comparison with LBWC's current operational cost structure, which reflects more frequent carbon change-outs than technically required — is evaluated in Section 7.2 (Operations and Maintenance).

The cost of Alternative No. 2 is reasonable in the context of comparable wellhead treatment remedies at chlorinated solvent sites. The relatively favorable economics reflect that the primary treatment infrastructure is already constructed and operational — no new treatment plant construction is required, and the GAC systems leverage existing water utility infrastructure (wells, distribution systems, electrical service, access) rather than requiring dedicated remedial facilities.

Alternative No. 2 rates moderate for cost, reflecting the extended treatment duration driven by the back-diffusion tailing behavior of the dual-domain aquifer system, while recognizing that the cost is reasonable relative to the scope of the remedy and the duration of protection provided.

6.3.3 Modifying Criteria

6.3.3.1 Criterion 8: State Acceptance

The Lahontan Water Board has indicated that a technically defensible receptor protection plan with adequate contingency planning, financial assurance, and duration estimates will satisfy regulatory requirements (Lahontan Water Board, 2025d). State acceptance will be determined following public comment on the proposed remedy.

6.3.3.2 Criterion 9: Community Acceptance

Community acceptance will be evaluated following public participation activities described in Section 10.0.

6.4 Recommended Remedy

Alternative 2 (Wellhead Treatment with GAC, TKWC No. 4 Construction, Institutional Controls, and Contingency Measures) is the recommended remedy for the Regional PCE Contamination. This recommendation is based on the following:

- Alternative 2 is the only assembled alternative that satisfies both threshold criteria (Overall Protection of Human Health and the Environment; Compliance with ARARs).
- Alternative 2 provides immediate, continuous receptor protection with no design-build lag—protection is already in place and operating.
- Mass removal is accomplished as an inherent function of the receptor protection remedy, satisfying the CERCLA Section 121(b) preference for treatment.
- The remedy is already implemented for its primary components, making it uniquely advantageous on short-term effectiveness and implementability.
- The present value of projected 59-year remedy costs is approximately: at 3% real discount rate $4,135,769, comprising GAC O&M ($1,599,769), TKWC No. 4 construction ($650,000), and sentry well monitoring and reporting ($1,886,000); and at 7% real discount rate $2,485,548 with GAC O&M at $877,548, and sentry well monitoring and reporting at $958,000. Alternative 2 is the cost-effective remedy and the minimum-cost option that provides receptor protection over the required duration. Performing Party financial obligations are funded through lump-sum SA payments of $2.6 million to LBWC and $1.5 million to TKWC, which in combination exceed projected costs at all evaluated discount rates for the LWBC No. 5 GAC well treatment and TKWC No. 4 installation.

- The contingency framework (Section 8.0) addresses the primary scenario that could affect remedy performance — permanent shutdown of LBWC No. 5 prior to MCL attainment — using the same GAC wellhead treatment technology as the primary remedy.

The remedy is described in detail in Section 7.0 (Implementation Plan) and the contingency measures are presented in Section 8.0.

7.0 IMPLEMENTATION PLAN

This section describes the implementation framework for the Off-Site Remedial Action Plan (OSRAP), including the roles and responsibilities of parties involved in the remedy, permitting requirements, operation and maintenance of wellhead treatment systems, municipal well operations, performance monitoring, and reporting. The implementation framework establishes specific, enforceable criteria that enable the Lahontan Water Board to evaluate compliance with the OSRAP and the Stipulated Cleanup and Abatement Order (SCAO), consistent with the Board's comments that the monitoring and reporting program must be "consistent with specific goals and objectives to evaluate compliance and allow for enforceability."

The implementation framework operates through three interlocking accountability structures: (1) DDW regulation of water purveyor treatment systems through Domestic Water Supply Permits; (2) Settlement Agreements (SAs) defining mutual obligations between the Performing Parties and each purveyor; and (3) the SCAO holding the Performing Parties responsible for ensuring the undertaking specific work.

7.1 ROLES AND RESPONSIBILITIES

The following parties have defined roles in the implementation of the Off-Site RAP. The roles described below reflect the unique structure of this remedy, in which the Performing Parties fund treatment but do not own or operate the municipal supply wells or their treatment systems. This distinction between funding responsibility and operational control is central to the implementation framework and is addressed through the Settlement Agreements and the regulatory oversight structure described in Section 7.2

7.1.1 Performing Parties

In addition to their other obligations under the Stipulated CAO (e.g., implementation of the Vapor Intrusion Investigation Work Plan (VIIWP) and Well Investigation and Closure Plan (WICP)), Seven Springs and Fox are the Performing Parties under the SCAO. The Performing Parties are responsible for:

- Funding the wellhead treatment remedy at affected municipal supply wells for the Remedy Implementation Period as defined in the SAs;
- Conducting sampling of sentry wells;
- Incorporating OSRAP status updates in required reports submitted to the Lahontan Water Board; and
- Implementing contingency measures as required under Section 8.0, including provision of a substitute extraction well, contingency wellhead treatment at TKWC No. 1, and contingency measures at TKWC No. 4, as required (Sections 8.1 and 8.2).

7.1.2 Water Purveyors

Lukins Brothers Water Company (LBWC) and Tahoe Keys Water Company (TKWC) are the water purveyors that own and operate the affected municipal supply wells. The water purveyors are responsible for:

- Operating and maintaining the wellhead treatment systems in accordance with their Division of Drinking Water (DDW) Domestic Water Supply Permits and approved Standard Operating Procedures (SOPs), including GAC media change-out, system backwash, and performance verification;
- Monitoring treated water quality in compliance with their Domestic Water Supply Permits, including influent and effluent sampling at the frequencies specified in Section 7.2.1, and reporting results to the public in accordance with applicable law;
- Reporting treated water quality to the DDW in accordance with permit conditions; and
- Providing notification (in the case of LBWC No. 5) to the Performing Parties of well shutdowns as described in Section 6.2.2.3.1.

7.1.3 Technical Consultants

West Environmental Services and Technology, Inc. (WEST) serves as the primary technical consultant to the Performing Parties for the Off-Site RAP. WEST is responsible for preparation and submittal of monitoring reports, trigger threshold assessments, coordination of contingency evaluations, and technical oversight of remedy implementation.

EKI Environment & Water, Inc. (EKI) provides supplemental technical support, including preparation of the Well Investigation and Closure Plan (WICP) and sentry well sampling and analysis plans. EKI also provides support for hydrogeologic analysis related to the sentry well monitoring program and vertical gradient assessments.

7.1.4 Regulatory Agencies

The California Regional Water Quality Control Board, Lahontan Region (Lahontan Water Board) is the lead regulatory agency for the Regional PCE Contamination. The Water Board is responsible for oversight of the Off-Site RAP implementation, review and approval of monitoring reports and five-year reviews, and enforcement of the SCAO. The Lahanton Water Board's oversight role includes receipt of required notifications — including notice of LBWC No. 5 shutdown triggering the extraction well obligation under Section 8.1.2 — and enforcement authority if Performing Parties fail to perform their defined obligations under the SCAO and Settlement Agreements.

The State Water Resources Control Board, Division of Drinking Water (DDW) has jurisdiction over drinking water quality at affected municipal supply wells. DDW regulates the purveyors' treatment systems through Domestic Water Supply Permits and approved SOPs. DDW's role is distinct from the Water Board's: DDW ensures treated water meets drinking water standards, while

the Water Board evaluates whether the remedy is progressing toward groundwater restoration. Both agencies receive monitoring data, but through different reporting pathways (purveyor to DDW; Performing Parties to Water Board).

The Tahoe Regional Planning Agency (TRPA) has jurisdiction over land use and construction activities within the Lake Tahoe Basin, including any physical modifications to treatment infrastructure or new well construction.

7.1.5 Performing Parties Financial Obligations

The Performing Parties' financial obligations under the Off-Site RAP consist of three categories: (1) funding GAC wellhead treatment at LBWC No. 5 for the Remedy Implementation Period, through a lump-sum payment to LBWC under the LBWC Settlement Agreement; (2) funding construction of TKWC No. 4 through a payment to TKWC under the TKWC Settlement Agreement; and (3) funding Off-Site RAP program costs for sentry well monitoring and regulatory reporting as direct obligations under the SCAO. Two contingent obligations arise only upon specified conditions: funding a substitute extraction well if LBWC permanently ceases operation of LBWC No. 5 prior to MCL attainment at that well (Section 8.1.2); and funding contingency wellhead treatment at TKWC No. 1 and/or TKWC No. 4 if and when treatment becomes required under the Section 8.2 triggers.

7.1.5.1 GAC Wellhead Treatment System Operation and Maintenance

Pursuant to the LBWC Settlement Agreement, the Performing Parties will make a lump-sum payment of $2.6 million to LBWC to fund GAC system operation and maintenance at LBWC No. 5 for the Remedy Implementation Period. These funds are held and administered by LBWC in accordance with the Settlement Agreement terms.

The annual cost of GAC system operation, as documented in the Stantec (2026) Wellhead Treatment Cost Estimate Technical Report, comprises four recurring cost components:

- GAC media replacement: approximately $25,000 per year (estimated 26-month changeout cycle);
- Incremental electrical costs: approximately $1,600 per year;
- Labor for system monitoring and changeout coordination: approximately $13,000 per year; and
- VOC analytical costs: approximately $6,600 per year.

Total estimated annual GAC O&M: approximately $46,200 (2026 dollars). In addition, two vessel replacement events are anticipated within the 59-year period at approximately $480,000 per event (2021 dollars), at approximately Years 25 and 50.

The present value of projected GAC system costs at multiple discount rates is presented below. At all evaluated discount rates, the $2.6 million SA payment exceeds the present value of projected costs.

Present Value of GAC System Costs

Discount Rate Basis	Real Rate	Nominal Rate	NPV (59 Years)	SA Payment	Surplus / (Shortfall)
Stantec (2026), OMB Circular A-94	7.0%	~9.3%	$877,500	$2,600,000	$1,722,500
WEST (2026), OMB Circular A-94, Appendix C	3.0%	~5.4%	$1,599,800	$2,600,000	$1,000,200

Present values are shown at two real discount rates. Stantec (2026) applied 7%, reflecting the opportunity cost of private capital under OMB Circular A-94. A 3% rate is used by WEST as a conservative value above the current OMB Circular A-94 Appendix C 30-year real rate of 2.1% (CY2025). At all discount rates, the $2.6 million SA payment provides a margin above projected costs.

7.1.5.2 Contingent Extraction Well Installation

If LBWC permanently ceases operation of LBWC No. 5 prior to MCL attainment at that well, the Performing Parties are obligated to fund either: (i) operation of an existing extraction well capable of maintaining PCE mass removal from the Regional PCE Contamination; or (ii) installation and operation of a new extraction well equipped with GAC wellhead treatment at a location capable of maintaining PCE mass removal. The substitute well is to operate for the remainder of the Remedy Implementation Period.

This obligation is contingent and arises only upon LBWC's election to permanently cease LBWC No. 5 operation per Section 8.1.2. The estimated cost of a new extraction well, including land access, drilling, construction and, GAC treatment system ranges from approximately $3.7 million to $9.2 million in capital costs (not including operational funding) depending on site conditions and remaining remedy duration at the time of trigger.

7.1.5.3 Installation of TKWC No. 4

Pursuant to the TKWC Settlement Agreement, the Performing Parties are obligated to provide funding for construction of TKWC No. 4 at the Park site in the eastern Tahoe Keys subdivision. The well is designed to replace TKWC No. 2 as the primary TKWC supply source, eliminating the need for continued GAC treatment at TKWC No. 2. The Performing Parties' obligation is limited to well construction funding as defined in the Settlement Agreement; operation, maintenance, and DDW permit compliance are TKWC's responsibility. The Performing Parties have no obligation to fund GAC treatment at TKWC No. 4 under the baseline remedy; a contingent obligation to fund wellhead treatment arises only if the Section 8.2 triggers are met.

Well drilling and construction cost is estimated at $632,260 per the GSI (2025) Opinion of Probable Cost (AACE Class 4/5, −30% to +50% accuracy). This estimated cost does not include expenses associated with site grading and paving, utility and pump installation, well house permitting and construction, and other equipment, such as an auxiliary generator, that may be required. The Performing Parties' total obligation under the TKWC Settlement Agreement is a lump-sum payment of $1.5 million to TKWC. The GSI estimate is provided as an engineering reference for the construction component; the Settlement Agreement amount governs Performing Party financial exposure.

7.1.5.4 Off-Site RAP Performance Monitoring and Regulatory Reporting

In addition to the SA-funded obligations above, the Performing Parties are directly responsible under the SCAO for funding sentry well monitoring and regulatory reporting for the duration of Off-Site RAP implementation. These costs are separate from and not funded by the SA payments.

Sentry well monitoring costs include pre-field planning, semi-annual field sampling events, laboratory analysis, data validation, annual well maintenance inspections, and monitoring report preparation. Regulatory reporting costs include preparation and submittal of status updates in quarterly monitoring reports, Water Board coordination, and technical review meeting participation.

Potential additional direct Performing Parties' costs that could arise during the remedy period include replacement of damaged or destroyed sentry wells ($50,000–$150,000 per well, including drilling, construction, and development) and TRPA environmental review required for new construction activities ($44,000–$94,000 per action). These costs are not funded by the SA payments and would be borne directly by the Performing Parties if triggered.

The combined annual cost of Off-Site RAP program activities is approximately $69,000 (2026 dollars; Section 6.3.2.5.2.4). These costs represent a separate and ongoing obligation of the Performing Parties under the SCAO and are not measured against, or constrained by, the SA payment to LBWC.

7.1.6 Summary of Financial Obligations

The below table presents a summary of the Off-Site RAP cost framework, including the responsible party and funding mechanism for each cost category.

Off-Site RAP Cost Framework Summary

Cost Category	Cost (2026$)	Funding Mechanism	Reference
GAC system O&M	$2.6 million lump sum	SA payment to LBWC	Section 7.1.53
TKWC No. 4 well construction	$1.5 million lump sum	SA payment to TKWC	Section 7.1.5

Cost Category	Cost (2026$)	Funding Mechanism	Reference
Off-Site RAP program (monitoring + reporting)	~$68,570 annual	Performing Parties direct obligation	Section 7.1.5
Extraction well if LBWC No. 5 ceases operation.	$3.7-$9.2 million if triggered	Performing Parties direct obligation	Section 8.1

In addition to the obligations identified above, the Performing Parties are responsible for contingency measures at TKWC No. 1 and TKWC No. 4, as set forth in Section 8.2.

7.1.7 Permitting

Implementation of the Off-Site RAP requires compliance with the following permits and regulatory requirements. The remedy's reliance on existing well and treatment infrastructure minimizes the need for new construction permits; the primary permitting requirements relate to the ongoing operation of GAC treatment systems under DDW permits and compliance with TRPA requirements for any future construction activities.

7.1.7.1 Domestic Water Supply Permits

LBWC and TKWC operate under Domestic Water Supply Permits issued by DDW. Operation of GAC treatment systems at LBWC No. 5 and TKWC No. 2 must comply with the conditions of these permits, including treatment performance standards, monitoring requirements, and reporting obligations.

For LBWC No. 5, DDW has reviewed and approved the Standard Operating Procedures for the GAC treatment system (DDW, 2025). The SOP specifies operating parameters including flow rates, backwash procedures, media change-out criteria, and effluent quality verification protocols. The GAC system consists of two pressure vessels operating in lead/lag configuration, with a treatment capacity matched to the well's production rate.

7.1.7.2 TRPA Permits

Any construction activities associated with treatment system modifications or new installations within the Lake Tahoe Basin must comply with Tahoe Regional Planning Agency (TRPA) requirements. TRPA requirements applicable to the Off-Site RAP include land coverage limitations under the Individual Parcel Evaluation System (IPES), construction Best Management Practices (BMPs) for water quality protection consistent with the TRPA BMP Handbook, grading and erosion control measures for any ground disturbance, and seasonal construction windows that may restrict ground-disturbing activities during wet weather periods.

Under the current remedy, the only construction activities that would require TRPA permits are: (1) construction of TKWC No. 4 and associated infrastructure; (2) construction of an extraction well if LBWC ceases operation of Well No.5 and (3) any physical modifications to existing

treatment systems beyond routine maintenance. TRPA permit timelines should be factored into the 180-day implementation period specified for contingency extraction well in Section 8.

7.1.7.3 NPDES/WDR

GAC treatment systems generate process water during filter backwash operations. At LBWC No. 5, backwash water is managed within the treatment system; settled backwash water is recovered and blended with well water prior to treatment, and settled solids are removed by vacuum truck for offsite disposal. At TKWC No. 2, a similar backwash water management procedure is employed.

If any treated water or process water from treatment system operations is discharged to surface water, a National Pollutant Discharge Elimination System (NPDES) permit must be obtained from the Lahontan Water Board. If discharge is to the sanitary sewer, coordination with the South Tahoe Public Utility District (STPUD) is required under their sewer use ordinance. No discharge to surface water or sanitary sewer is anticipated from normal GAC treatment operations by LBWC and TKWC. However, if an extraction well is installed due to LBWC ceasing operation of Well No. 5, treated water discharge, backwash water management and applicable required discharge permits will be addressed during system design.

Spent GAC media is managed through thermal reactivation by the GAC vendor at an off-site facility and does not require a Waste Discharge Requirement (WDR) for on-site disposal. If GAC media cannot be reactivated and must be disposed, it must be characterized and disposed at a licensed facility in accordance with applicable waste regulations.

7.1.8 Utility Clearance

Utility clearance activities under the Off-Site RAP are limited because the remedy utilizes existing well and treatment infrastructure. No ground disturbance is required for ongoing GAC treatment operations at LBWC No. 5 or TKWC No. 2. Utility clearance will be required as part fo the installation of TKWC No. 4.

For future construction activities that involve ground disturbance, including installation of new extraction well, or soil gas/indoor air investigation activities under the VIIWP, utility clearance will be conducted through Underground Service Alert (USA/811) notification a minimum of 48 hours prior to ground disturbance and coordination with local utility providers (Liberty Utilities for electric/gas, South Tahoe Public Utility District for sewer, and the applicable water purveyor for water distribution lines). Detailed utility clearance procedures for soil gas and indoor air investigation activities are specified in the VIIWP.

7.2 Operation and Maintenance

Treatment system operations are performed by the water purveyors in accordance with their DDW permits, approved SOPs, and the terms of the Settlement Agreements. The Performing Parties do not operate the treatment systems or the municipal supply wells. This operational structure reflects the reality that the purveyors are the regulated entities under DDW and have the expertise,

infrastructure, and legal authority to operate their water systems. The Performing Parties' role is to fund the treatment at LBWC No. 5 for the Remedy Implementation Period.

The three-layer accountability structure governing treatment system operations is

- DDW → Purveyor: The Division of Drinking Water regulates the purveyors' treatment systems through their drinking water permits and approved SOPs. DDW sets the operational and water quality requirements for treated water delivered to consumers. Compliance with DDW requirements is the purveyor's responsibility. DDW has the authority to require the purveyor to take a well off-line if treated water quality does not meet permit conditions.

- SA → Performing Parties / Purveyor: The Settlement Agreements define the mutual obligations between the Performing Parties and the purveyors, including funding of treatment, notification requirements, and conditions for well operation and shutdown. The SAs provide the contractual mechanism by which the purveyors commit to operate their wells in a manner that supports the remedy (e.g., operating LBWC No. 5 until it determines that it is no longer financially and/or operationally feasible to do so) and the Performing Parties commit to fund the GAC Treatment Remedy for the Remedy Implementation Period.

- SCAO → Performing Parties: The Stipulated Cleanup and Abatement Order holds the Performing Parties responsible for performing the required work. The Performing Parties report to the Lahontan Water Board on compliance with the Off-Site RAP. The Board evaluates compliance and enforces corrective action through the SCAO.

7.2.1 GAC Treatment Performance Standards

Existing GAC treatment systems (LBWC No. 5 and TKWC No. 2) will be operated in accordance with DDW issued Domestic Water Supply Permits and DDW-approved SOPs. The following performance standards apply to any GAC treatment systems installed as contingency measures by the Performing Parties.

Treated water shall meet Best Practicable Treatment Limitations of non-detection of 0.5 µg/L for PCE and other COCs in treated water. GAC treatment consistently achieves non-detection effluent concentrations when properly maintained, as demonstrated by the operational history at TKWC No. 2 since 2012 and at LBWC No. 5 since 2021.

7.2.1.1 MEDIA CHANGE-OUR TRIGGER

Stantec (2026) states exhaustion of GAC is often used in non-municipal applications to trigger change-out. Carbon exhaustion occurs when the contaminant concentration in the lead GAC vessel effluent equals 95 percent to 100 percent of the concentration of the lead GAC vessel influent (U.S. Army Corps of Engineers, 2001). Carbtrol Corporation states to take full advantage of the contaminant adsorption capacity difference between breakthrough and exhaustion, GAC vessels are often operated in series. "This allows the mass transfer zone to pass completely through the

first bed prior to its removal from service. Effluent quality is maintained by the subsequent beds in the series" (Carbtrol Corporation, 1992). A lead/lag vessel will provide redundancy that allows change-out of the lead vessel while the lag vessel maintains treatment.

GAC media change-out by the Performing Parties will be initiated when effluent PCE concentrations from the lead vessel exceed 95% of the influent PCE concentrations to the lead GAC vessel. Change-out shall be completed within 14 days of the trigger event. The 14-day change-out window accounts for vendor scheduling, media delivery logistics, and vessel draining and refilling procedures. During the change-out period, the lag vessel continues to provide treatment.

7.2.1.2 Influent and Effluent Monitoring

The sampling frequency of influent to the lead GAC vessel and effluent from the lag GAC vessel will conform to the requirements of the NPDES permit governing discharge to waters of the United States. Effluent from the lead GAC vessel will be sampled monthly to assess the GAC usage rate and determine when GAC exhaustion in the lead vessel occurs. Water samples will be analyzed for PCE and daughter products (TCE, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride) by EPA Method 8260B, with a reporting limit of 0.5 µg/L.

7.2.2 GAC Media Management

Existing GAC treatment systems (LBWC No. 5 and TKWC No. 2) will manage GAC media in accordance with DDW issued Domestic Water Supply Permits and DDW-approved SOPs. Contingency measures that employ GAC media will be subject to Section 7.2.2. The cost of GAC media represents a recurring expense of the contingency measure, and GAC usage rates are directly related to influent PCE concentrations and pumping rates. As influent concentrations decline, GAC usage rates will decrease proportionally, reducing the annual cost of the remedy over time.

7.2.2.1 Media Procurement

The GAC treatment system uses virgin or reactivated granular activated carbon that meets the specifications for minimum iodine number, apparent density, effective size, and uniformity coefficient.

7.2.2.2 Change-Out Procedures

The lead vessel will be changed out when the media change-out trigger is reached (effluent from the lead vessel exceeds 95% of the influent PCE concentrations), the former lag vessel becomes the new lead vessel, and the former lead vessel is refilled with fresh GAC and placed in the lag position.

7.2.2.3 Spent Media Management

Spent GAC media will be managed by the GAC vendor through thermal reactivation at an off-site facility or disposal at a licensed facility if reactivation is not feasible. Thermal reactivation destroys

adsorbed PCE and restores the carbon's adsorptive capacity. Chain of custody documentation will be maintained by the GAC vendor and provided to each party performing contingency measures relying on GAC treatment with the change-out record. Transportation of spent GAC is conducted in accordance with applicable Department of Transportation (DOT) requirements.

7.2.3 System Maintenance

Routine maintenance of treatment vessels, piping, valves, sample ports, monitoring equipment, and backwash systems will be performed by the purveyors in accordance with their SOPs and DDW permit conditions and by Performing Parties performing contingency measures relying on GAC treatment. Routine maintenance activities include periodic backwash of GAC vessels to reduce headloss and maintain flow capacity, inspection and replacement of sample port fittings and tubing, calibration and maintenance of flow meters and pressure gauges, inspection of piping, valves, and connections for leaks, and maintenance of any backup power systems or emergency shutdown equipment.

7.2.4 Emergency Response

The South Lake Tahoe area is subject to natural hazards including wildfire, severe winter storms, flooding, and extended power outages. The following provisions address the interface between emergency conditions and GAC treatment operations, recognizing that the purveyors maintain their own emergency response plans under DDW regulations and that the priority during any emergency is public safety and continuity of water supply.

7.2.4.1 Wildfire and Evacuation

In the event of a wildfire or other emergency requiring evacuation or extended power loss in the South Y area, the water purveyors are required to follow their emergency response plans for maintaining water supply. If GAC treatment is interrupted due to emergency conditions, the affected well should be taken off-line until treatment is restored. The water purveyors are prohibited by DDW regulations from delivering untreated water from an impaired source to consumers.

7.2.4.2 Power Failure

If extended power loss prevents GAC system operation, the well should remain off-line until power is restored and the system is verified functional through post-restart effluent sampling. Backup power provisions, if any, are the water purveyor's responsibility under their DDW permit. The GAC system itself does not require power (it operates by gravity/pressure from the well pump), but the well pump requires power to deliver water to the system.

7.2.4.3 Seismic Events

Following any seismic event with a Modified Mercalli Intensity of VI or greater at the well location, the water purveyor and parties performing contingency measures relying on GAC treatment is required to inspect the GAC treatment system for damage to vessels, piping, and

connections before resuming operations. If structural damage is identified, the well shall remain off-line until repairs are completed and the system is verified functional.

7.3 MUNICIPAL WELL OPERATIONS

Operation of the municipal supply wells is managed by the water purveyors in accordance with their DDW permits, approved SOPs, and normal operational procedures. The Performing Parties do not control well pumping rates, operating schedules, or lead/lag well designation. However, the SAs establish certain operational commitments and notification requirements that are integral to the remedy's performance. The remedy's effectiveness in progressing toward groundwater restoration depends on the operational assumptions described below for each well.

The following subsections describe, for each well: (1) its role in the remedy; (2) the SA obligations of both the purveyor and the Performing Parties; (3) monitoring and reporting requirements; and (4) contingency provisions.

7.3.1 LBWC No. 5

7.3.1.1 LBWC NO. 5 ROLE IN REMEDY

LBWC No. 5 serves dual functions in the Off-Site RAP: it is the primary receptor protection point (GAC treatment ensures delivered water meets MCLs) and the primary mechanism for PCE mass removal from the Regional PCE Contamination. LBWC No. 5 intercepts Regional PCE Contamination in the deeper zone aquifer (screen interval approximately 141–180 feet bgs).

Current influent PCE concentrations are in the range of 52–65 µg/L (2025 data), having declined from a maximum of 82 µg/L observed in September 2024. Quarterly PCE mass removal is calculated as the product of influent concentration and pumping volume. At current influent concentrations and typical pumping rates, LBWC No. 5 removes the largest mass of PCE of any receptor well, making it the primary active mass removal mechanism in the remedy.

7.3.1.2 DDW PERMIT

DDW has reviewed and approved the SOP for the GAC treatment system at LBWC No. 5 (DDW, 2025). The purveyor operates the system in compliance with the approved SOP.

7.3.1.2.1 Monitoring

Monitoring at LBWC No. 5 includes influent and effluent sampling, performed by LBWC (the well operator) under its DDW permit. The Performing Parties receive this data and provide status updates to the Lahontan Water Board via quarterly monitoring reports (Section 7.4.2), based on information provided by the water purveyor, as set forth in Section 7.4. Treated volume, runtime, influent and effluent PCE, and cumulative mass removed are reported on the annual cycle described in Section 7.5, which establishes the treated-volume performance criterion for the LBWC No. 5 wellhead treatment term.

7.3.2 TKWC No. 1

7.3.2.1 Role in Remedy

TKWC No. 1 is an active municipal supply (receptor) well. Current PCE concentrations are below the MCL of 5.0 µg/L. The protection rationale for TKWC No. 1 rests on vertical stratification and an upward hydraulic gradient at the screened interval: the pump intake induces upward gradients that limit downward migration of PCE to the deeper screened interval. TKWC No. 1 is not relied upon for active mass removal; its role in the remedy is as a protected receptor, with a defined contingency response (Section 8.2) should future plume behavior erode that protection.

7.3.2.2 Monitoring

TKWC No. 1 is monitored by TKWC under its DDW Domestic Water Supply Permit (Title 22 supply-well monitoring). The running annual average PCE concentration at the TKWC No. 1 wellhead is the basis for the tiered contingency triggers in Section 8.2, and is subjected to trend analysis each monitoring cycle to project the date of potential MCL exceedance, which informs the design trigger in Section 8.2. The existing upgradient sentry wells TKWC1-SW-1 and TKWC1-SW-2, already designated in the Sentry Well Groundwater Sampling and Analysis Plan (EKI, 2025), provide additional early warning. TKWC No. 1 is a production well monitored under the purveyor's DDW permit and is not designated as a sentry well; no modification of the EKI (2025) sentry well monitoring plan is required to implement the TKWC No. 1 contingency.

7.3.3 TKWC No. 4

7.3.3.1 Role in Remedy

TKWC No. 4 is the proposed replacement for TKWC No. 2, to be constructed at a location outside the current Regional PCE Contamination boundary. The well is designed with screened intervals at 146–152 feet bgs, 180–187 feet bgs, and 195–204 feet bgs and a design pumping capacity of 2,000 gpm (EMKO, 2026; GSI, 2025). Multiple independent lines of evidence support the conclusion that this location and these depth intervals are not currently impacted by the Regional PCE Contamination: (1) pre-construction groundwater sampling (2) vertical hydraulic gradients between the MZA and the proposed screen depths are small (10^{-5} to 10^{-2} ft/ft), limiting the driving force for downward migration of dissolved-phase PCE; and (3) the Park site is situated outside the current Regional PCE Contamination boundary. Sentry wells TKWC1-SW-1 and TKWC1-SW-2 are positioned upgradient of TKWC No. 1 on the main plume axis and provide advance warning of Regional PCE Contamination migration in that direction; lateral migration toward the Park site would be detected by TKWC No. 1 concentration trends prior to any impact at TKWC No. 4.

TKWC No. 4 is a new supply well proposed at the Park site. Pre-construction sampling at monitoring wells MW-A through MW-D at the Park site returned non-detect results for PCE under static conditions (GSI, 2025; EMKO, 2026), and the existing upgradient sentry well TKWC1-SW-2 has been consistently non-detect for PCE across the semi-annual sentry well monitoring events (2021–2023) at the 157–160 feet bgs interval, which corresponds to the interval where PCE concentrations are highest at TKWC No. 1. A PCE sample collected from MW-D at the conclusion

of dynamic sampling conducted for metals characterization also returned a non-detect result (EMKO, 2026); however, the flow rate, duration, and hydraulic response during that event have not been documented in available project records, and no conclusion regarding simulation of long-term production conditions is drawn from that result. TKWC No. 4 is nevertheless within the area that may be influenced by the Regional PCE Contamination. The construction details and screened intervals of TKWC No. 4 will be finalized by TKWC during drilling and DDW permitting and may change. Accordingly, protection for TKWC No. 4 is provided through baseline characterization, ongoing supply-well monitoring, and the contingency measures in Section 8.3, with the favorable pre-construction and sentry well record treated as supporting lines of evidence rather than as a positional or depth-isolation guarantee.

7.3.3.1.1 Monitoring

DDW requires baseline water quality characterization before issuing a permit for a new municipal supply well, but the specific protocol is determined by DDW during permit review. Following startup, TKWC will be required to monitor TKWC No. 4 under TKWC's DDW Domestic Water Supply Permit; the running annual average PCE concentration at the wellhead is the basis for the tiered contingency in Section 8.3. TKWC No. 4 is a production well and is not designated as a sentry well.

7.4 MONITORING AND REPORTING

The Performing Parties' monitoring and reporting obligations under the SCAO include semi-annual sentry well sampling and updates in quarterly technical reports submitted to the Lahontan Water Board. Receptor well monitoring at LBWC No. 5, TKWC No. 1, and TKWC No. 4 is conducted by the respective water purveyors under DDW Domestic Water Supply Permit requirements; the Performing Parties will incorporate purveyor-provided data into their technical reports but are not responsible for conducting receptor well sampling.

7.4.1 Sentry Well Monitoring

The Performing Parties will implement sentry well sampling in accordance with the sampling program and schedule specified in this Section 7.4.1. Field and analytical methods follow those described in the Sentry Well Groundwater Sampling and Analysis Plan (EKI, 2025), which is referenced as a supporting field-methods document; where any conflict exists, this Off-Site RAP governs.

Sampling frequency is differentiated based on detection history:

7.4.1.1 SEMI-ANNUAL SAMPLING

The proposed sentry well sampling includes two events per year at wells with a history of PCE detections or at wells serving as leading indicators for impacted receptor wells:

- LBWC5-SW-1 (76–79 feet bgs; PCE detections documented);

- LBWC5-SW-2 (149–151 feet bgs; 160 µg/L PCE; leading indicator for LBWC No. 5);
- LBWC1-SW-3 (164–166 feet bgs; 0.66 µg/L PCE at LBWC No. 1 lower screen interval;
- TKWC1-SW-1 (116–118 feet bgs; 130–150 µg/L PCE);
- TKWC1-SW-2 (158-160); non-detect)
- TKWC2-SW-1 (146–148 feet bgs; 50 µg/L PCE)
- TKWC2-SW-2 (176–178 feet bgs; 48 µg/L PCE)

7.4.1.2 ANNUAL SAMPLING

The proposed sentry well sampling includes one event per year at wells with a consistent non-detect history:

- LBWC1SW-1 (106–109 feet bgs; non-detect)
- LBWC1-SW-2 (142–144 feet bgs; non-detect)

Each sampling event shall include PCE and daughter products (TCE, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride) by EPA Method 8260B with a reporting limit of 0.5 µg/L, field parameters (pH, specific conductance, temperature, dissolved oxygen, ORP), and water levels.

Monitoring Schedule and Reporting. Sentry well samples will be collected during the first (January–March) and third (July–September) calendar quarters of each year. The results of each sampling event, with supporting data evaluation, will be reported to the Lahontan Water Board in the semi-annual technical report due June 15 (first-semi-annual event) and December 15 (second-semi-annual event), respectively (Section 7.4.2).

7.4.2 Regulatory Reporting

The Performing Parties will submit updates in quarterly technical reports to the Lahontan Water Board. The technical reports will be submitted in accordance with the due dates specified in the Monitoring and Reporting Program (Attachment D) to the Stipulated CAO. Each technical report will include the sampling results of sentry wells, municipal water supply wells, and private and small community water supply wells, as applicable, and provide the status of wellhead treatment systems and remediation systems, if any, in operation. Technical reports will include the following:

- Sentry well and private and small community water supply well analytical results with QA/QC summary and chain of custody documentation;
- Receptor well PCE data from the preceding period as provided by LBWC and TKWC under their DDW permit monitoring programs;

- Water level data and sentry well vertical concentration gradient evaluation, with particular attention to the TKWC1-SW-1/SW-2 contrast as the primary vertical isolation indicator for TKWC No. 1 and the TKWC No. 4 upper screen depth;
- TKWC No. 1 wellhead PCE running annual average and the updated trend projection of the potential MCL-exceedance date (Section 8.2);
- LBWC No. 5 treated volume, runtime, influent and effluent PCE, and cumulative PCE mass removed, reported against the treated-volume performance criterion (Section 7.5); cumulative mass removed is reported as a verification parameter only;
- GeoTracker upload of analytical data in EDF format within 60 days of validated results;
- Concise data evaluations and tabular data summaries for all data reported; transmittal of analytical results, water-level data, or treatment-system performance data with supporting evaluation and discussion;
- Any notification of treatment-system failure or extended outage at LBWC No. 5, and the subsequent actions taken (Section 6.2.2.3.1.1);
- Discussion and evaluation of performance monitoring and compliance (Section 7.5), including a description of any annual adjustment of the 59-year Remedy Implementation Period (Section 7.5.2); and
- Discussion of any emergency response actions taken during the reporting period (Section 8.3).

Technical reports will be consistent with the Monitoring and Reporting Program (Attachment D) to the Stipulated CAO and will include contour maps showing groundwater elevations, groundwater flow direction(s), and concentrations of contaminants of concern. Field monitoring well sampling sheets and well maintenance logs completed for each well sampled will be appended to the technical report.

7.4.2.1 FIVE-YEAR REVIEWS

Beginning five years after initiation of the Remedy Implementation Period and at five-year intervals thereafter during the 59 years (or as adjusted) shall prepare and submit a Five-Year Review Report. Each report shall present an evaluation of the remedy, including: 1) is the remedy functioning as intended by the decision documents? (2) are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of remedy selection still valid in light of current screening levels, guidance, and land use? and (3) has any other information come to light that could call into question the protectiveness of the remedy? The report shall conclude with a protectiveness statement, and the next scheduled review date. The Five-Year Review Report shall be submitted to GeoTracker in accordance with applicable electronic reporting requirements. Reports will be signed and submitted by a California Registered Professional Engineer and/or Geologist.

7.5 PERFORMANCE MONITORING AND COMPLIANCE EVALUATION

7.5.1 Purpose and Regulatory Basis

Under the Stipulated CAO, the remedy term at LBWC Well No. 5 is the earlier of (i) 59 years from adoption of the SCAO and (ii) concentrations of PCE and its anaerobic degradation products in groundwater extracted at LBWC No. 5 are below applicable MCLs (i.e., below 5.0 µg/L for PCE) and DDW provides a determination that GAC treatment at LBWC No. 5 is no longer needed. This section defines how performance is evaluated and how the 59-year element of the remedy term is adjusted for treated-volume shortfalls. The annual compliance cycle is illustrated in Figure 7-1.

If contingency wellhead treatment is required for TKWC Well No. 1 or TKWC Well No. 4, contingency wellhead treatment will be operated at the well requiring treatment pursuant to this Off-Site RAP until the earlier of (i) 59 years from adoption of the SCAO and (ii) concentrations of PCE and its anaerobic degradation products in groundwater extracted at such well are below applicable MCLs and DDW provides a determination that GAC treatment at such well is no longer needed.

If the performance criteria time-period is adjusted for LBWC Well No. 5, the adjusted time period established for LBWC Well No. 5 also applies to TKWC Well No. 1 and TKWC Well No. 4 if contingency wellhead treatment is required at one or both of those wells, and contingency wellhead treatment at such well(s) will be operated under this Off-Site RAP (i) for the adjusted time period established for LBWC Well No. 5 or (ii) until concentrations of PCE and its anaerobic degradation products in groundwater extracted at such well(s) are below applicable MCLs (i.e., below 5.0 µg/L) for PCE) and DDW provides a determination that GAC treatment at such well is no longer needed, whichever comes first.

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Figure 7-1. LBWC No. 5 performance monitoring annual compliance cycle (criterion).

7.5.2 Treated-Volume Performance Criterion

The performance criterion at LBWC No. 5 is treated volume, evaluated against a baseline equal to the average annual treated volume during the 2022–2024 GAC-era operating period (the "baseline annual volume"). Because LBWC, and not the Performing Parties, controls the volume of water pumped and treated through LBWC No. 5, the criterion is structured as a duration adjustment rather than a pumping obligation: shortfalls in treated volume extend the remedy term in proportion to the shortfall.

Performance is tracked as a three-year rolling average of treated volume against a performance line equal to 100 percent of the baseline annual volume, and the remedy term is adjusted at the close of each year for any net shortfall in the average:

- If the three-year average treated volume is at or above 100 percent of the baseline annual volume, no adjustment is made.
- If the three-year average treated volume is below 100 percent of the baseline annual volume, the net shortfall below the 100-percent line, expressed as a fraction of the baseline annual volume, is added to the 59-year remedy term. The extension is $\Delta T = (1.00 \times 3 - \Sigma V_i / B)$ years, where V_i is the treated volume in each year of the three-year period and B is the baseline annual volume.

A single low-volume average calculated yearly adjusts the 59 year time based on the proportional volume deficit below the 100-percent line, which, is added to the term. If the 59-year period is extended, the revised period would be applied to TKWC No. 1 and TKWC No. 4 if treatment is required for these wells.

8.0 CONTINGENCY MEASURES

This section provides the implementation details, responsibilities, schedules, and cost provisions for the contingency measures introduced in the Feasibility Study (Section 6.2). The Performing Parties' contingency obligations under this Off-Site RAP are: (1) provision of substitute groundwater extraction, triggered by permanent shutdown of LBWC No. 5 prior to MCL attainment (Section 8.1), which may be satisfied by continued operation of LBWC No. 5 where feasible or by a substitute extraction well; (2) funding and support of contingency wellhead treatment at TKWC No. 1 if PCE concentrations at that well require treatment (Section 8.2); and (3) funding and support of contingency measures at TKWC No. 4 if the Regional PCE Contamination is detected at that well at concentrations requiring treatment (Section 8.3). Any such contingency measures would be implemented using the same GAC wellhead treatment technology as the primary remedy, subject to the approvals and access described below. No contingency measure requires deployment of a technology that was screened out.

The TKWC No. 1 and TKWC No. 4 contingency triggers and response tiers are summarized in Figure 8-1 (presented below). These triggers are keyed solely to each production well's running annual average (RAA) PCE concentration at the wellhead, as monitored by TKWC under its DDW Domestic Water Supply Permit (Title 22 supply-well monitoring). The sentry wells are not trigger parameters; they are monitored separately as lines of evidence under the Sentry Well Groundwater Sampling and Analysis Plan (EKI, 2025). Neither TKWC No. 1 nor TKWC No. 4 is designated as a sentry well, and no modification of the EKI (2025) sentry well monitoring plan is required.

8.1 LBWC NO. 5 CONTINGENCIES

LBWC No. 5 is the primary means of PCE mass removal under the selected remedy. The Performing Parties' contingency obligations with respect to LBWC No. 5 are set forth in the LBWC Settlement Agreement and described below.

8.1.1 Extended Outage

If LBWC independently determines that LBWC No. 5 requires repairs necessitating the well to be offline for more than sixty (60) consecutive days (Offline Determination), LBWC is required to notify the Performing Parties and the Lahontan Water Board within ten (10) business days. LBWC's response to an extended outage — including repair, rehabilitation, or continued operation — is funded from the $2.6 million Settlement Agreement payment held by LBWC and is LBWC's operational responsibility. An Offline Determination that results in LBWC's election to permanently terminate operation of LBWC No. 5 triggers the Performing Parties' extraction well obligation under Section 8.1.2

8.1.2 LBWC No. 5 Planned Permanent Shutdown

8.1.2.1 TRIGGER

Planned permanent shutdown of LBWC No. 5 by LBWC, whether through an Election Notice or the expiration of the Election Notice period.

8.1.2.2 NOTIFICATION

LBWC will provide the Performing Parties and the Lahontan Water Board with advance written notice of planned permanent shutdown, per the Election Notice requirements.

8.1.2.3 RESPONSE

Loss of LBWC No. 5 extraction eliminates the primary means of mass removal under the remedy. Upon notification of planned permanent shutdown, the Performing Parties will provide for substitute groundwater extraction — either by continuing to operate LBWC No. 5 where feasible, by operating another existing extraction well, or by installing and operating a new extraction well at a location capable of maintaining PCE mass removal from the Regional PCE Contamination — equipped with GAC wellhead treatment. The substitute groundwater extraction will operate for the remainder of the Remedy Implementation Period. The Performing Parties' obligation to provide substitute groundwater extraction is the sole contingency commitment under this Off-Site RAP triggered by LBWC No. 5 permanent shutdown, and is consistent with the LBWC Settlement Agreement. The Performing Parties shall notify the Lahontan Water Board within 30 days of the Election Notice of their plan to provide extraction and treatment, including the proposed location, pumping rate, and schedule for installation or activation.

8.2 TKWC NO. 1 AND TKWC NO. 4 CONTINGENCIES

TKWC No. 1 is an active receptor well with PCE present near the wellhead (running annual average currently below the MCL); TKWC No. 4 is a new supply well to be constructed outside the current Regional PCE Contamination boundary that is expected to begin service at non-detect but could be affected if the contamination migrates toward the well. Because the protective response is the same for both wells, a single contingency framework governs both, keyed to each well's running annual average (RAA) PCE concentration at the wellhead under TKWC's DDW supply-well monitoring (Title 22). The framework is a three-level sequence — Watch/Evaluate, Alert/Design, and Action/Treatment — that defers funding and construction of treatment to the point at which treatment becomes required under the applicable drinking-water regulations.

8.2.1 Basis and Monitoring

The protection rationale for TKWC No. 1 rests on vertical stratification and an upward hydraulic gradient at the screened interval; this contingency provides a defined response should that protection be eroded by future plume behavior. TKWC No. 4 is presently outside of the Regional PCE Contamination: pre-construction groundwater data from nearby monitoring wells (MW-A through MW-D) were non-detect for PCE, but well TKWC No. 4 may be influenced by the Regional PCE Contamination; protection is provided through baseline characterization, ongoing supply-well monitoring, and the contingency measures below, with particular attention to the shallowest completed interval. The construction details and screened intervals of TKWC No. 4 will be finalized by TKWC during drilling and DDW permitting and may change. Trigger criteria are keyed solely to the wellhead RAA; the sentry wells are monitoring lines of evidence, not triggers. Neither TKWC No. 1 nor TKWC No. 4 is a sentry well, and no modification of the EKI (2025) sentry well monitoring plan is required.

8.2.2 Trigger Criteria

Design is initiated on the basis of a trend projection so that a treatment system can be ready if and when treatment becomes required. The trigger framework is presented below:

The trigger framework is based on but more stringent than the repeat drinking water monitoring and compliance requirements of 22 CCR § 64445.1. Any wellhead treatment ultimately implemented under this framework will be designed, permitted, and operated in compliance with DDW requirements.

- Watch / Evaluate — RAA ≥ 50% of the MCL (≥ 2.5 µg/L). Each monitoring cycle, fit the Sen's-slope (Mann-Kendall) trend to the RAA series and project the date at which the RAA is expected to reach the MCL (5.0 µg/L), with confidence bounds; report the projection in the monitoring reports. Evaluate operational options (such as shifting pumping to other system wells and interception strategies).

- Alert (initiate design**) —** the trend projection, based on a statistically significant increasing trend (Mann-Kendall $p < 0.05$ over the projection window), indicates the RAA will reach the MCL within the time required to design, permit, and construct wellhead treatment (estimated 18–24 months), using the earliest-credible (lower-bound) exceedance date. Initiate GAC wellhead treatment design. TKWC to implement interim operational measures at its discretion. Independently, an RAA ≥ 80% of the MCL (≥ 4.0 µg/L) initiates design as a backstop if the projection has not already done so.

- Action / Treatment — if and when GAC wellhead treatment becomes required under HSC §§ 116555 and 116655, 22 CCR § 64445.1(c)(7)(B), other applicable DDW requirements to keep the source in service, the Performing Parties — having initiated design at the Alert level — fund and construct it, subject to TKWC and DDW approval and access.

A well already affected by PCE near the wellhead (TKWC No. 1) enters the framework at Watch/Evaluate. A well beginning service at non-detect (TKWC No. 4) enters upon the first confirmed PCE detection above the reporting limit (0.5 µg/L) at the wellhead, which initiates monitoring and trend projection; thereafter the three levels apply identically.

8.2.3 Response Actions

The Performing Parties' obligations follow the three levels. At Watch/Evaluate, the Performing Parties monitor, project, and report, and evaluate operational options, such as such as shifting pumping to other system wells and interception strategies. At Alert/Design, the Performing Parties fund design, permitting, and procurement for readiness and recommend and support interim operational measures. At Action/Treatment, the Performing Parties fund and construct GAC wellhead treatment (a retained Section 6.1 technology; the same treatment in service at TKWC No. 2), with a 180-day implementation period from the determination, subject to TKWC and DDW approval and access, with treated water meeting the performance standard in Section 7.2.1.

If the Action/Treatment level is reached and contingency wellhead treatment is implemented at TKWC No. 1 or TKWC No. 4, contingency wellhead treatment at the well will operate under this Off-Site RAP until the earlier of (i) attainment of applicable MCLs at the wellhead and DDW provides a determination that GAC treatment at such well is no longer needed, or (ii) the expiration of the Remedy Implementation Period. Such treatment confers no obligation beyond that period. Because TKWC No. 1 and TKWC No. 4 function as receptor-protection contingencies rather than as the primary mass-removal well, performance is measured by attainment of MCLs at the wellhead and not by a treated-volume criterion.

8.2.4 Responsibilities

The Performing Parties are responsible for funding the contingency wellhead treatment and supporting its implementation if and when a trigger is reached, subject to TKWC and DDW approval and TKWC granting access; TKWC operates and maintains the wells and any treatment system under its DDW permit. The Lahontan Water Board retains oversight and receives the trigger determinations and investigative results through the regular monitoring reports.

8.3 EMERGENCY CONTINGENCIES

8.3.1 Emergency Response

8.3.1.1 TRIGGER

Emergency event triggers —including wildfire, earthquake, flood, or infrastructure failure—that disrupt water supply, treatment, or monitoring operations.

8.3.1.2 RESPONSE

The Off-Site RAP incorporates emergency response provisions consistent with existing STPUD, LBWC, and TKWC mutual aid and assistance agreements. Emergency response obligations are as follows:

8.3.1.3 RESPONSIBILITIES

The responsible entity(s) will need to be determined based on the nature of the emergency. For example, LBWC is responsible for restoration of its GAC treatment systems. The Performing Parties are responsible for replacement of damaged monitoring infrastructure (sentry wells, sampling equipment) and notification to the Lahontan Water Board of the damage within 48 hours of discovery.

- Water Purveyors are responsible for emergency water supply operations per their respective Water Supply Contingency Plans and STPUD mutual aid agreements; and
- During emergency disruptions at LBWC No. 5, safe drinking water is provided through STPUD inter-tie connections and mutual aid agreements. If emergency disruption will

extend beyond 60 days, LBWC is required to provide notification to the Performing Parties and the Lahontan Water Board.

8.4 CONTINGENCY MEASURES SUMMARY

The below table summarizes the contingency scenarios, trigger criteria, response actions and retained technologies, indicative timelines, and section references.

Scenario	Trigger	Response / retained technology	Ref.
LBWC No. 5 — permanent shutdown before MCL attainment or 59 years of operation	Election Notice / expiration of Election Notice period	Substitute groundwater extraction (continued LBWC No. 5 operation where feasible, or a substitute well) with GAC wellhead treatment for the remainder of the term	8.1.2
TKWC No. 1 / No. 4 — receptor protection (PCE present near TKWC No. 1; potential migration to TKWC No. 4)	Three trigger criteria, wellhead RAA. Watch/Evaluate — RAA > 50% MCL (22 CCR § 64445.1(c)(5)(B)). Alert/Design — trend ($p<0.05$) projects RAA reaching the HSC §§ 116555 and 116655 within ~18 mo. Action/Treatment — treatment required under).	Watch: monitor, project, report; evaluate shifting pumping to other system wells and interception strategies. Alert: fund design/permitting/procurement (readiness only); interim operational measures to be undertaken by TKWC at its discretion. Action: fund and construct GAC wellhead treatment if DDW and TKWC approve and TKWC provides access (§ 6.1);.	8.2
Emergency — natural hazard / infrastructure failure	Wildfire, earthquake, flood, or infrastructure failure	Mutual aid per STPUD/LBWC/TKWC agreements; PP replace damaged monitoring infrastructure	8.4

9.0 INSTITUTIONAL CONTROLS

Institutional controls are legal or administrative measures that limit land or resource use to reduce potential exposure to contamination. The following institutional controls are associated with the Off-Site RAP:

9.1 GROUNDWATER USE RESTRICTIONS

El Dorado County Department of Environmental Health (EDCDEH) Code Chapter 8.39 provides that "[n]otwithstanding any other provisions to the contrary, no water well permit may be issued for a private water well on parcels that have existing or available public water system connection unless it will be used for agricultural purposes." This provision applies to most of the TVS Subbasin due to municipal water service provided by the South Tahoe Public Utility District, Lukins Brothers Water Company, and TKWC. Code Chapter 8.39 further requires "[a]ll water wells shall be located such that adequate separation is provided between the well and areas with known or suspected contaminants or pollutants." Moreover, State of California Executive Order N-7-22 restricts permits for water wells or alterations of existing water wells in basins subject to the Sustainable Groundwater Management Act (SGMA) and classified as medium or high priority. The Tahoe Valley Groundwater Basin, which includes the TVS Subbasin, is classified as medium priority under SGMA; therefore, the well restriction in Executive Order N-7-22 applies to groundwater subject to the SCAO.

10.0 IMPLEMENTATION SCHEDULE

The implementation schedule for the Off-Site RAP is presented below. The schedule reflects that wellhead treatment is already operational at LBWC No. 5 and TKWC No. 2, and therefore the primary implementation activities relate to continued operation, and monitoring.

10.1 PHASE 1 — IMMEDIATE (YEAR 0-1):

- Finalization of settlement agreements with LBWC and TKWC.
- Continued GAC treatment operations at LBWC No. 5 and TKWC No. 2.
- Implementation of sentry well monitoring program.
- Implementation of VIIWP.
- Implementation of WICP.
- Submission of final Off-Site RAP to Lahontan Water Board for approval.
- SCAO execution and public comment process.

10.2 PHASE 2 — NEAR-TERM (YEARS 1-5):

- Completion of VIIWP and WICP investigations.
- Preparation of comprehensive HHRA based on VIIWP/WICP results.
- Preparation of RAP addendum addressing vapor intrusion findings (if required).
- Perform and submit First Five-Year Review.

10.3 PHASE 3 — MID-TERM (YEARS 5-20):

- Ongoing GAC treatment, monitoring, and reporting.
- Perform and submit Five-Year Reviews.

10.4 PHASE 4 — LONG-TERM (YEARS 20-50):

- Continued conduct LBWC No. 5 GAC treatment as needed based on receptor well concentrations and Division of Water Requirements.
- Assessment of remedy completion when MCLs for COCs are achieved at LBWC No. 5.

11.0 HEALTH AND SAFETY PLAN

A site-specific Health and Safety Plan (HASP) that complies with applicable federal and California Occupational Safety and Health Administration (Cal/OSHA) guidelines will be prepared and followed during implementation of the field activities associated with the Off-Site RAP. The HASP will address the following elements:

- Assignment of health and safety responsibilities, including designation of a Site Safety Officer (SSO);
- Identification of potential chemical and physical hazards associated with field activities, including exposure to PCE and other VOCs in soil gas and groundwater;
- Establishment of personal protective equipment (PPE) requirements appropriate to anticipated exposure levels, ranging from Level D for routine monitoring activities to Level C for activities involving potential vapor exposure;
- Air monitoring procedures for field personnel, including action levels for upgrading PPE;
- Decontamination procedures for equipment and personnel;
- Emergency response procedures, including emergency contacts, route to nearest hospital, and procedures for chemical exposure, injury, or other emergencies;
- Training requirements for field personnel, including 40-hour HAZWOPER certification (29 CFR 1910.120) and site-specific training;
- Heat/cold stress prevention protocols appropriate to conditions at South Lake Tahoe (elevation 6,237 feet); and
- Medical surveillance requirements for personnel with potential exposure to hazardous substances.

The HASP is a standalone document that will be maintained on-site during all field activities and updated as needed to reflect changes in site conditions or applicable regulations. For routine GAC treatment O&M activities, the water purveyors' standard safety procedures and relevant OSHA requirements govern worker protection.

12.0 CEQA INITIAL STUDY

In accordance with the California Environmental Quality Act (CEQA), an evaluation of potential environmental impacts associated with implementation of the Off-Site RAP has been conducted. Paragraph 19 of the Stipulated CAO states that many activities associated with the Off-Site RAP, "including groundwater and soil vapor sampling, wellhead treatment, well installation and some forms of remediation are ministerial projects exempt from CEQA."

12.1 CEQA EXEMPTION ANALYSIS

The Off-Site RAP remedy consists of continued operation of existing GAC wellhead treatment systems or alternative extraction well GAC treatment and groundwater monitoring. These activities should qualify for CEQA exemption under the following categories:

- Ministerial Project Exemption (Public Resources Code Section 21080(b)(1)): Continued operation of existing water treatment systems pursuant to existing permits and regulatory orders is a ministerial action not subject to CEQA review.

- Categorical Exemption — Class 1 (Existing Facilities) (14 CCR Section 15301): Operation, repair, maintenance, or minor alteration of existing public or private structures and facilities involving negligible or no expansion of existing use, including existing water treatment systems.

- Categorical Exemption — Class 8 (Actions by Regulatory Agencies for Protection of the Environment) (14 CCR Section 15308): Actions taken by regulatory agencies to assure the maintenance, restoration, enhancement, or protection of the environment, including the remedial actions directed by the Lahontan Water Board through the SCAO.

- Statutory Exemption — CEQA Section 21083.8.1: Certain actions by or at the direction of regional water quality control boards for cleanup of waste discharges.

12.2 NEW CONSTRUCTION ACTIVITIES

If implementation of the Off-Site RAP requires new construction activities not covered by the above exemptions, additional CEQA review will be conducted as appropriate, including preparation of an Initial Study to determine whether a Negative Declaration, Mitigated Negative Declaration, or Categorical Exemption is appropriate. Any such construction will also require TRPA environmental review and permitting.

13.0 PUBLIC PARTICIPATION

Public participation requirements for the Off-Site RAP are implemented in accordance with California Water Code provisions and Section II.6 of the SCAO, which requires preparation and submission of a Public Participation Plan.

13.1 PUBLIC PARTICIPATION PLAN

A Public Participation Plan will be prepared by the Performing Parties pursuant to Section II.6 of the SCAO. The plan will address procedures for public notification, access to project documents, and opportunities for public comment on the Off-Site RAP and associated settlement documents.

13.2 PUBLIC NOTICE AND COMMENT PERIOD

Prior to final approval of the Off-Site RAP and execution of the SCAO, a public notice and comment period will be conducted. The public notice will provide a summary of the proposed remedial action, identify the location where project documents may be reviewed, and specify the dates and procedures for submitting public comments. The Lahontan Water Board will consider all public comments received during the comment period and prepare responses to substantive comments.

13.3 STAKEHOLDER OUTREACH

Outreach for the Off-Site RAP will be conducted through the Stakeholder Advisory Group (SAG) organized through the Tahoe Valley South Subbasin Groundwater Management Plan. This group includes technical staff of the water purveyors, the Lahontan Water Board, members of the business community, the City of South Lake Tahoe, and water utility customers.

14.0 DISPUTE RESOLUTION PROCESS

The Off-Site RAP incorporates the dispute resolution provisions of the SCAO and applicable settlement agreements. Disputes arising from the implementation of the Off-Site RAP are resolved through the following processes.

14.1 TECHNICAL DISPUTE RESOLUTION

Technical disputes regarding monitoring data interpretation, treatment system performance, or adaptive management decisions are first addressed through consultation between the Performing Parties' technical consultants and Lahontan Water Board staff. If resolution is not achieved through technical consultation, the dispute may be escalated to Lahontan Water Board management.

14.2 INFORMAL RESOLUTION

The Performing Parties and the Lahontan Water Board shall attempt to resolve disputes informally before initiating formal dispute resolution. Either party may request an informal meeting or technical conference within 14 calendar days of identifying a dispute. The parties shall meet and confer within 30 calendar days of the request and shall document the outcome in writing within 15 calendar days of the meeting.

14.3 FORMAL DISPUTE RESOLUTION

Formal disputes will be addressed as stipulated in the SCAO and in accordance with applicable law.

15.0 LIST OF ABBREVIATIONS AND ACRONYMS

Abbreviation	Definition
AACE	Association for the Advancement of Cost Engineering International
ACL	Alternate Concentration Limit
AECOM	AECOM Technical Services, Inc.
AGR	Agricultural Supply (beneficial use designation)
ARAR	Applicable or Relevant and Appropriate Requirement
As	Arsenic
ASTM	ASTM International (formerly American Society for Testing and Materials)
BAT	Best Available Technology
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CAO	Cleanup and Abatement Order
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
cis-1,2-DCE	cis-1,2-Dichloroethene
COC	Chemical of Concern
CPT	Cone Penetration Testing
Cr(III)	Trivalent Chromium
Cr(VI)	Hexavalent Chromium
CSM	Conceptual Site Model
CVOC	Chlorinated Volatile Organic Compound
DDW	Division of Drinking Water (State Water Resources Control Board)
DNAPL	Dense Nonaqueous Phase Liquid
DO	Dissolved Oxygen
DPT	Direct Push Technology
DTSC	Department of Toxic Substances Control

Abbreviation	Definition
DZA	Deep Zone Aquifer
E²C	E²C Environmental (consulting firm)
EISB	Enhanced In-Situ Bioremediation
EKI	EKI Environment & Water, Inc.
ENR CCI	Engineering News-Record Construction Cost Index
EPA	Environmental Protection Agency (see USEPA)
ERH	Electrical Resistive Heating
ESL	Environmental Screening Level
ESTCP	Environmental Security Technology Certification Program
Fe	Iron
FS	Feasibility Study
ft	Feet
ft/day	Feet per Day
GAC	Granular Activated Carbon
GASS	Groundwater Air Sparging System
GEI	GEI Consultants, Inc.
GeoTracker	State Water Board GeoTracker Environmental Data Management System
gpm	Gallons per Minute
HRSC	High-Resolution Site Characterization
IC	Institutional Control
IND	Industrial Service Supply (beneficial use designation)
ISCO	In-Situ Chemical Oxidation
ITRC	Interstate Technology and Regulatory Council
KJ	Kennedy/Jenks Consultants, Inc.
LBWC	Lukins Brothers Water Company
LRWQCB	Lahontan Regional Water Quality Control Board (Lahontan Water Board)
LTLW	Lake Tahoe Laundry Works
LUC	Land Use Covenant

Abbreviation	Definition
MCL	Maximum Contaminant Level
MG	Million Gallons
mg/kg	Milligrams per Kilogram
MIP	Membrane Interface Probe
Mn	Manganese
MNA	Monitored Natural Attenuation
MoFo	Morrison & Foerster LLP
MUN	Municipal and Domestic Water Supply (beneficial use designation)
MW	Monitoring Well
MZA	Middle Zone Aquifer
NCP	National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
OPH	Overall Protection of Human Health and the Environment (NCP Criterion)
ORP	Oxidation-Reduction Potential
OSRAP	Off-Site Remedial Action Plan
OSWER	Office of Solid Waste and Emergency Response (USEPA)
OU	Operable Unit
PCE	Tetrachloroethene
PDI	Pre-Design Investigation
PES	PES Environmental, Inc.
PHG	Public Health Goal
PRB	Permeable Reactive Barrier
PRG	Preliminary Remediation Goal
PSG	Passive Soil Gas (sample designation)
PWS	Public Water System
RAO	Remedial Action Objective
RAP	Remedial Action Plan

Abbreviation	Definition
RI/FS	Remedial Investigation/Feasibility Study
RMP	Risk Management Plan
ROD	Record of Decision
SA	Settlement Agreement
SARA	Superfund Amendments and Reauthorization Act
SCAO	Stipulated Cleanup and Abatement Order
SDWA	Safe Drinking Water Act
SDWIS	Safe Drinking Water Information System
SG	Soil Gas (sample designation)
SM	Soil Matrix (sample designation)
SMR	Semi-Annual Monitoring Report
STPUD	South Tahoe Public Utility District (the District)
SVE	Soil Vapor Extraction
SWRCB	State Water Resources Control Board
SZA	Shallow Zone Aquifer
t½	Half-Life
TBC	To Be Considered (criteria)
TCE	Trichloroethylene (Trichloroethene)
TKPOA	Tahoe Keys Property Owners Association
TKWC	Tahoe Keys Water Company
TOC	Total Organic Carbon
trans-1,2-DCE	trans-1,2-Dichloroethene
TRPA	Tahoe Regional Planning Agency
TVS	Tahoe Valley South (Subbasin)
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank

Abbreviation	Definition
VC	Vinyl Chloride (Chloroethene)
VIIWP	Vapor Intrusion Investigation Work Plan
VOC	Volatile Organic Compound
WDR	Waste Discharge Requirements
WEST	West Environmental Services & Technology, Inc.
WHT	Wellhead Treatment
WICP	Well Investigation and Closure Plan
WQO	Water Quality Objective
ZVI	Zero-Valent Iron
µg/L	Micrograms per Liter

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TABLES

TABLE 2-1
SUMMARY OF LBWC & TKWC PRODUCTION WELL AND SENTRY WELL SCREENS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

LBWC & TKWC Production Wells	Production Well Screen	Sentry Well Screens (ft bgs)								
	(ft bgs)	LBWC5-SW-1	LBWC5-SW-2	LBWC1-SW-1	LBWC1-SW-2	LBWC1-SW-3	TKWC1-SW-1	TKWC1-SW-2	TKWC2-SW-1	TKWC2-SW-2
Lukins Brothers Water Company										
LBWC No. 5	141-180	70-85	140-160	--	--	--	--	--	--	--
LBWC No. 1	132-182	--	--	100-115	133-153	160-170	--	--	--	--
Tahoe Keys Water Company										
TKWC No. 1	125-312	--	--	--	--	--	107-127	149-169	--	--
TKWC No. 2	138-188	--	--	--	--	--	--	--	137-157	167-187
	348-414	--	--	--	--	--	--	--	--	--
	426-491	--	--	--	--	---	--	--	--	--
TKWC No. 3	175-300	--	--	--	--	--	--	--	--	--
TKWC Proposed No. 4	146-152	--	--	--	--	--	--	149-169	--	--
	180-187	--	--	--	--	--	--	--	--	--
	195-204	--	--	--	--	--	--	--	--	--

Notes:

LBWC: Lukins Brothers Water Company
TKWC: Tahoe Keys Water Company
ft bgs: feet below ground surface

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CP-MW-1	SZA	17–17	09/17/1997	24	0.7	<0.5	--
CP-MW-1	SZA	2–2	05/07/1998	26	<0.5	<0.5	<0.5
ED-MW-1	MZA	41–41	01/14/1999	ND	--	--	--
ED-MW-1	MZA	41–41	02/16/1999	ND	--	--	--
ED-MW-1	MZA	41–41	03/15/1999	ND	--	--	--
ED-MW-1	MZA	41–41	05/11/1999	ND	--	--	--
ED-MW-1	MZA	41–41	06/11/1999	ND	--	--	--
ED-MW-1	MZA	41–41	07/02/1999	ND	--	--	--
ED-MW-1	MZA	41–41	09/21/1999	ND	--	--	--
ED-MW-1	MZA	41–41	06/01/2000	ND	--	--	--
ED-MW-1	MZA	41–41	06/13/2001	ND	--	--	--
ED-MW-2	SZA	20–20	01/14/1999	ND	--	--	--
ED-MW-2	SZA	20–20	02/16/1999	ND	--	--	--
ED-MW-2	SZA	20–20	03/15/1999	3.6	--	--	--
ED-MW-2	SZA	20–20	05/11/1999	2.2	--	--	--
ED-MW-2	SZA	20–20	06/11/1999	3.2	--	--	--
ED-MW-2	SZA	20–20	07/02/1999	2.9	--	--	--
ED-MW-2	SZA	20–20	09/21/1999	1.1	--	--	--
ED-MW-2	SZA	20–20	12/15/1999	2.5	--	--	--
ED-MW-2	SZA	20–20	06/01/2000	4.3	--	--	--
ED-MW-3	SZA	18–18	10/13/1998	ND	--	--	--
ED-MW-3	SZA	18–18	11/19/1998	ND	--	--	--
ED-MW-3	SZA	18–18	12/16/1998	ND	--	--	--
ED-MW-3	SZA	18–18	01/14/1999	ND	--	--	--
ED-MW-3	SZA	18–18	02/16/1999	ND	--	--	--
ED-MW-3	SZA	18–18	03/15/1999	ND	--	--	--
ED-MW-3	SZA	18–18	06/13/2001	ND	--	--	--
ED-MW-4	MZA	46–46	01/14/1999	ND	--	--	--
ED-MW-4	MZA	46–46	02/16/1999	ND	--	--	--
ED-MW-4	MZA	46–46	03/15/1999	ND	--	--	--
ED-MW-4	MZA	46–46	05/11/1999	ND	--	--	--
ED-MW-4	MZA	46–46	06/11/1999	ND	--	--	--
ED-MW-4	MZA	46–46	07/02/1999	ND	--	--	--
ED-MW-4	MZA	46–46	09/21/1999	ND	--	--	--
ED-MW-4	MZA	46–46	06/13/2001	ND	--	--	--
HZL-MW-1	SZA	9–24	11/15/2007	<1.0	--	--	--
HZL-MW-1	SZA	9–24	03/19/2008	<1.0	--	--	--
HZL-MW-1	SZA	9–24	06/30/2008	<1.0	--	--	--
HZL-MW-1	SZA	9–24	09/30/2008	<1.0	--	--	--
HZL-MW-2	SZA	9–24	11/15/2007	39	--	--	--
HZL-MW-3	SZA	9–24	11/15/2007	6.5	--	--	--
HZL-MW-3	SZA	9–24	03/19/2008	<1.0	--	--	--
HZL-MW-3	SZA	9–24	06/30/2008	<1.0	--	--	--
HZL-MW-3	SZA	9–24	09/30/2008	54	--	--	--
HZL-MW-3	SZA	9–24	10/30/2015	1.9	--	--	--
HZL-MW-3	SZA	9–24	10/12/2016	2.3	<0.5	<0.5	--
HZL-MW-3	SZA	9–24	06/27/2017	1	<0.5	<0.5	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
HZL-MW-4	SZA	9–24	11/15/2007	690	--	--	--
HZL-MW-4	SZA	9–24	03/19/2008	1000	--	--	--
HZL-MW-4	SZA	9–24	06/30/2008	600	--	--	--
HZL-MW-4	SZA	9–24	09/30/2008	1300	--	--	--
HZL-MW-4	SZA	9–24	08/13/2014	81	2.6	0.73	<0.5
HZL-MW-4	SZA	9–24	10/12/2016	11	<0.5	<0.5	--
HZL-MW-4	SZA	9–24	06/28/2017	9.1	<0.5	<0.5	--
HZL-MW-5	SZA	9–24	03/19/2008	110	--	--	--
HZL-MW-5	SZA	9–24	06/30/2008	57	--	--	--
HZL-MW-5	SZA	9–24	09/30/2008	400	--	--	--
HZL-MW-5	SZA	9–24	09/28/2016	9.5	<0.5	<0.5	--
HZL-MW-5	SZA	9–24	06/26/2017	4.2	<0.5	<0.5	--
Kmart-MW-5	SZA	17–32	04/12/1995	0.68	--	--	--
LTLW-MW-10S	SZA	10–25	12/04/2009	15.8	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	12/04/2009	10.6	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	03/23/2010	1.04	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	06/15/2010	63.8	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	09/08/2010	23.7	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	12/16/2010	7.57	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	05/11/2011	8.59	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	09/29/2011	13	0.18	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	12/09/2011	6.82	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	03/29/2012	1.42	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	06/08/2012	3.56	<0.5	<0.5	<0.5
LTLW-MW-10S	SZA	10–25	08/21/2012	2.02	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	07/30/2013	0.89	<0.5	<1.0	<1.0
LTLW-MW-10SR	SZA	10–25	09/30/2013	<1	<1	<1	<1
LTLW-MW-10SR	SZA	10–25	09/30/2013	<1	<1	<1	<1
LTLW-MW-10SR	SZA	10–25	12/10/2013	0.65	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	03/06/2014	1.4	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	03/06/2014	1.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	06/26/2014	0.84	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	09/17/2014	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	12/16/2014	0.51	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	03/26/2015	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	06/12/2015	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	09/11/2015	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	12/18/2015	2.8	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	03/25/2016	1.6	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	06/21/2016	2.3	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	09/28/2016	1.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	12/20/2016	2.3	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	05/02/2017	0.74	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	09/27/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	12/21/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	04/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	06/25/2018	1.3	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-10SR	SZA	10–25	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	12/06/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	03/28/2019	0.59	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	06/03/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	09/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	12/19/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	03/26/2020	<0.5	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	08/12/2020	0.26 J	<0.5	<0.5	<0.5
LTLW-MW-10SR	SZA	10–25	09/24/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-10SR	SZA	10–25	01/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-10SR	SZA	10–25	03/25/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-10SR	SZA	10–25	06/04/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-10SR	SZA	10–25	09/22/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-10SR	SZA	10–25	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-11S	SZA	10–25	12/04/2009	42.9	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/23/2010	32.5	1.08	3.63	<0.5
LTLW-MW-11S	SZA	10–25	06/15/2010	28.3	<0.5	0.909	<0.5
LTLW-MW-11S	SZA	10–25	09/08/2010	14.8	<0.5	0.83	<0.5
LTLW-MW-11S	SZA	10–25	12/16/2010	2.63	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	05/11/2011	1.33	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/29/2011	0.68	0.27	1.1	<0.5
LTLW-MW-11S	SZA	10–25	12/09/2011	18.3	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/29/2012	1.41	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/08/2012	2.13	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	08/21/2012	2.14	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	11/19/2012	6.19	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/11/2013	4.41	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	07/30/2013	4.5	<0.5	<1.0	<1.0
LTLW-MW-11S	SZA	10–25	09/30/2013	4.6	<1	<1	<1
LTLW-MW-11S	SZA	10–25	12/10/2013	8.2	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/06/2014	7.2	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/26/2014	3.8	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/17/2014	4.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/16/2014	2.7	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/16/2014	2.7	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/12/2015	0.89	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/12/2015	0.86	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/11/2015	0.98	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/18/2015	3.8	<0.5	2.3	<0.5
LTLW-MW-11S	SZA	10–25	03/25/2016	1.4	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/21/2016	0.66	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/28/2016	1.1	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/20/2016	0.68	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	05/02/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/27/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/21/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	04/04/2018	<0.5	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-11S	SZA	10–25	04/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/25/2018	1.3	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/06/2018	1.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/28/2019	0.96	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/03/2019	0.63	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/24/2019	0.96	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/19/2019	1.7	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/19/2019	1.9	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/26/2020	1.7	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/26/2020	1.1	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	08/12/2020	1.7	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	08/12/2020	1.7	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/24/2020	1.5	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	09/24/2020	1.4	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	11/19/2020	1.2	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	03/23/2021	1.2	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	03/23/2021	0.62	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	06/18/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	09/24/2021	4.1	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	11/10/2021	1.7	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	04/04/2022	0.61	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	06/28/2022	--	--	--	--
LTLW-MW-11S	SZA	10–25	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	12/23/2022	--	--	--	--
LTLW-MW-11S	SZA	10–25	06/05/2023	1.1	<0.50	<0.50	<0.50
LTLW-MW-11S	SZA	10–25	09/27/2023	22	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	12/20/2023	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	03/19/2024	2.13	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	06/18/2024	0.79	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	09/24/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-11S	SZA	10–25	01/03/2025	0.98	<0.500	<0.500	<0.500
LTLW-MW-11S	SZA	10–25	03/26/2025	0.99	<0.500	<0.500	<0.500
LTLW-MW-11S	SZA	10–25	06/04/2025	0.85	<0.500	<0.500	<0.500
LTLW-MW-11S	SZA	10–25	09/22/2025	1.29	<0.500	<0.500	<0.500
LTLW-MW-11S	SZA	10–25	12/02/2025	1.49	<0.500	<0.500	<0.500
LTLW-MW-12S	SZA	10–25	12/04/2009	10.7	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	03/23/2010	34.3	<0.5	0.613	<0.5
LTLW-MW-12S	SZA	10–25	06/15/2010	314	1.4	1.46	<0.5
LTLW-MW-12S	SZA	10–25	09/08/2010	824	<0.5	4.31	<0.5
LTLW-MW-12S	SZA	10–25	05/11/2011	105	0.651	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	05/11/2011	95.4	0.586	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/29/2011	23	0.35	0.12	<0.5
LTLW-MW-12S	SZA	10–25	12/09/2011	25.1	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/08/2012	7.89	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	08/21/2012	2.45	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	11/19/2012	<0.5	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-12S	SZA	10–25	07/30/2013	35	<0.5	<1.0	<1.0
LTLW-MW-12S	SZA	10–25	09/30/2013	34	<1	<1	<1
LTLW-MW-12S	SZA	10–25	03/06/2014	2.4	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/26/2014	6.1	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/17/2014	3.7	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	12/16/2014	5.2	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	03/26/2015	0.7	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/12/2015	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/11/2015	1.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/11/2015	1.4	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	03/25/2016	0.74	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/21/2016	2.1	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/28/2016	4.4	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	05/02/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/27/2017	0.96	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/25/2018	0.97	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/25/2018	0.82	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/03/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	08/12/2020	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/24/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	11/19/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	06/18/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	09/24/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	11/10/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	04/04/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	06/05/2023	0.74	<0.50	<0.50	<0.50
LTLW-MW-12S	SZA	10–25	09/27/2023	17	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	12/19/2023	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	03/19/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	06/17/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	09/23/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-12S	SZA	10–25	01/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-12S	SZA	10–25	03/26/2025	0.88	<0.500	<0.500	<0.500
LTLW-MW-12S	SZA	10–25	06/04/2025	1.77	<0.500	<0.500	<0.500
LTLW-MW-12S	SZA	10–25	09/22/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-12S	SZA	10–25	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-13S	SZA	10–25	12/04/2009	17	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	03/23/2010	65.2	<0.5	2.92	<0.5
LTLW-MW-13S	SZA	10–25	06/15/2010	14.1	0.603	0.627	<0.5
LTLW-MW-13S	SZA	10–25	09/08/2010	4.86	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/16/2010	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	05/11/2011	3.71	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/29/2011	<0.5	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
LTLW-MW-13S	SZA	10–25	12/09/2011	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	03/29/2012	0.746	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/08/2012	1.71	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	08/21/2012	2.16	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	11/19/2012	2.33	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	11/19/2012	2.18	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	07/30/2013	<0.5	<0.5	<1.0	<1.0
LTLW-MW-13S	SZA	10–25	09/30/2013	<1	<1	<1	<1
LTLW-MW-13S	SZA	10–25	03/06/2014	0.89	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/26/2014	1.8	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/17/2014	0.86	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/17/2014	0.9	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/16/2014	2.6	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	03/26/2015	2.7	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/12/2015	2	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/11/2015	1.1	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	03/25/2016	1.7	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/21/2016	0.64	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/28/2016	1.3	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/20/2016	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	05/02/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/27/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/21/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	04/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/25/2018	1	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/06/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	03/28/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/03/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/24/2019	0.62	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/19/2019	0.9	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	08/12/2020	0.74	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/24/2020	0.51	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	11/19/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	03/23/2021	1.4	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	06/18/2021	1.3	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	09/24/2021	1.4	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	11/10/2021	1.5	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	04/04/2022	2.4	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	06/05/2023	1.7	<0.50	<0.50	<0.50
LTLW-MW-13S	SZA	10–25	09/27/2023	1.3	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	12/19/2023	0.71	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	03/19/2024	0.68	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	06/19/2024	0.87	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	09/24/2024	0.81	<0.5	<0.5	<0.5
LTLW-MW-13S	SZA	10–25	01/03/2025	0.9	<0.500	<0.500	<0.500

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-13S	SZA	10–25	03/26/2025	0.95	<0.500	<0.500	<0.500
LTLW-MW-13S	SZA	10–25	06/04/2025	0.77	<0.500	<0.500	<0.500
LTLW-MW-13S	SZA	10–25	09/22/2025	1.74	<0.500	<0.500	<0.500
LTLW-MW-13S	SZA	10–25	12/02/2025	2.42	<0.500	<0.500	<0.500
LTLW-MW-1D	MZA	40–50	08/14/2008	138	3.12	7.1	<0.5
LTLW-MW-1D	MZA	40–50	05/02/2017	65	1.8	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	05/02/2017	66	1.8	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	09/27/2017	210	4.7	2.2	<0.5
LTLW-MW-1D	MZA	40–50	12/21/2017	430	17	6.1	1.2
LTLW-MW-1D	MZA	40–50	04/04/2018	67	2	1.8	<0.5
LTLW-MW-1D	MZA	40–50	06/25/2018	210	<0.5	1.4	<0.5
LTLW-MW-1D	MZA	40–50	09/26/2018	190	4.1	4.3	<0.5
LTLW-MW-1D	MZA	40–50	12/06/2018	55	2.2	1.5	<0.5
LTLW-MW-1D	MZA	40–50	03/28/2019	25	0.73	1.6	<0.5
LTLW-MW-1D	MZA	40–50	03/28/2019	23	0.75	1.5	<0.5
LTLW-MW-1D	MZA	40–50	06/03/2019	110	9.8	12	2.1
LTLW-MW-1D	MZA	40–50	09/24/2019	130	7.6	3.5	<0.5
LTLW-MW-1D	MZA	40–50	12/20/2019	44	0.52	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	03/26/2020	24	<0.5	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	08/12/2020	27	2.3	0.62	<0.5
LTLW-MW-1D	MZA	40–50	09/24/2020	9.2	0.98	<0.50	<0.50
LTLW-MW-1D	MZA	40–50	11/10/2021	290	5.7	0.97	<0.50
LTLW-MW-1D	MZA	40–50	04/04/2022	250	7.5	0.66	<0.50
LTLW-MW-1D	MZA	40–50	09/30/2022	110	3.8	<0.50	<0.50
LTLW-MW-1D	MZA	40–50	12/23/2022	241.6	5.5	<0.50	<0.50
LTLW-MW-1D	MZA	40–50	06/05/2023	630	13	0.81	<0.50
LTLW-MW-1D	MZA	40–50	09/27/2023	220	<0.5	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	12/19/2023	22.6	<0.5	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	03/19/2024	14.3	<0.5	<0.5	<0.5
LTLW-MW-1D	MZA	40–50	06/19/2024	23.2	1.32	6.21	<0.5
LTLW-MW-1D	MZA	40–50	09/25/2024	16.6	0.84	2.77	<0.5
LTLW-MW-1D	MZA	40–50	01/02/2025	9.6	<0.500	<0.500	<0.500
LTLW-MW-1D	MZA	40–50	03/26/2025	13.3	<0.500	1.63	0.57
LTLW-MW-1D	MZA	40–50	06/04/2025	26.4	1.51	10.6	0.64
LTLW-MW-1D	MZA	40–50	09/22/2025	22.5	1.87	10.5	0.64
LTLW-MW-1D	MZA	40–50	12/02/2025	13.9	0.58	2.99	<0.500
LTLW-MW-1S	SZA	15–25	08/13/2008	706	74	41.3	<0.5
LTLW-MW-1S	SZA	15–25	12/04/2009	5150	72.7	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/23/2010	1850	<0.5	339	<0.5
LTLW-MW-1S	SZA	15–25	03/23/2010	2000	<0.5	314	<0.5
LTLW-MW-1S	SZA	15–25	06/15/2010	4920	8.9	6.48	<0.5
LTLW-MW-1S	SZA	15–25	09/08/2010	547	<0.5	3.71	<0.5
LTLW-MW-1S	SZA	15–25	12/16/2010	109	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	05/11/2011	5380	21.4	12.7	<0.5
LTLW-MW-1S	SZA	15–25	09/29/2011	93	4	2.8	<0.5
LTLW-MW-1S	SZA	15–25	12/09/2011	841	5.45	2.35	<0.5
LTLW-MW-1S	SZA	15–25	03/29/2012	1540	4.83	5.56	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
LTLW-MW-1S	SZA	15–25	03/29/2012	1300	3.77	6.26	<0.5
LTLW-MW-1S	SZA	15–25	06/08/2012	95.5	2.06	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	08/21/2012	13.2	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	08/21/2012	11	<0.5	<0.5	<1.0
LTLW-MW-1S	SZA	15–25	08/21/2012	5.4	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	11/19/2012	7.98	0.907	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/11/2013	5.94	1.68	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	07/30/2013	450	7.5	3.8	<1.0
LTLW-MW-1S	SZA	15–25	07/30/2013	550	7.7	4	<1.0
LTLW-MW-1S	SZA	15–25	09/30/2013	770	8.4	<8	<8
LTLW-MW-1S	SZA	15–25	12/10/2013	4.8	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/06/2014	2.8	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	06/26/2014	130	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/17/2014	2.2	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	12/16/2014	22	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/26/2015	1.5	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	06/12/2015	16	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/11/2015	150	3.1	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	12/18/2015	35	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	12/18/2015	37	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/25/2016	66	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	06/21/2016	110	1.1	0.67	<0.5
LTLW-MW-1S	SZA	15–25	09/28/2016	35	0.77	0.55	<0.5
LTLW-MW-1S	SZA	15–25	12/20/2016	56	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	05/02/2017	72	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/27/2017	43	0.51	0.67	<0.5
LTLW-MW-1S	SZA	15–25	12/21/2017	11	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	04/04/2018	93	1.9	4.9	1.5
LTLW-MW-1S	SZA	15–25	06/25/2018	84	<0.5	<0.50	<0.5
LTLW-MW-1S	SZA	15–25	09/26/2018	110	0.57	0.92	<0.5
LTLW-MW-1S	SZA	15–25	12/06/2018	53	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/28/2019	12	<0.5	1.1	<0.5
LTLW-MW-1S	SZA	15–25	06/03/2019	2.5	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/24/2019	1.5	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	12/20/2019	36	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/26/2020	21	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	08/12/2020	7.5	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/24/2020	11	<0.50	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	11/19/2020	4.6	<0.50	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	03/23/2021	12	<0.50	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	06/18/2021	6.3	<0.50	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	09/24/2021	21	0.86	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	11/10/2021	21	1.3	0.55	<0.50
LTLW-MW-1S	SZA	15–25	04/04/2022	19	0.54	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	09/30/2022	2.7	<0.50	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	12/23/2022	1.7	<0.50	<0.50	<0.50
LTLW-MW-1S	SZA	15–25	06/05/2023	9	<0.50	<0.50	<0.50

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-1S	SZA	15–25	09/27/2023	<0.5	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	12/19/2023	1.24	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	12/19/2023	4.38	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/19/2024	1.38	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	03/19/2024	1.58	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	06/19/2024	0.76	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	06/19/2024	0.7	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/25/2024	0.55	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	09/25/2024	0.61	<0.5	<0.5	<0.5
LTLW-MW-1S	SZA	15–25	01/02/2025	1.37	<0.500	0.73	<0.500
LTLW-MW-1S	SZA	15–25	01/02/2025	1.48	<0.500	0.72	<0.500
LTLW-MW-1S	SZA	15–25	03/26/2025	0.61	<0.500	<0.500	<0.500
LTLW-MW-1S	SZA	15–25	06/04/2025	3.38	0.5	1.06	<0.500
LTLW-MW-1S	SZA	15–25	09/22/2025	0.62	<0.500	<0.500	<0.500
LTLW-MW-1S	SZA	15–25	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2D	MZA	40–50	08/13/2008	72.4	7.1	6.1	<0.5
LTLW-MW-2D	MZA	40–50	05/02/2017	7.2	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	09/27/2017	5.6	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	12/21/2017	5.1	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	04/04/2018	16	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	06/25/2018	27	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	09/26/2018	18	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	12/06/2018	17	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	06/03/2019	7.2	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	09/24/2019	6.5	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	12/20/2019	7.7	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	03/26/2020	5.4	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	08/12/2020	1.1	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	09/24/2020	0.87	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	11/19/2020	1	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	03/23/2021	1.9	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	06/18/2021	0.78	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	09/24/2021	1.4	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	11/10/2021	1.5	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	04/04/2022	1.9	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	09/30/2022	1.1	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	06/05/2023	29	<0.50	<0.50	<0.50
LTLW-MW-2D	MZA	40–50	09/27/2023	25	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	12/19/2023	4.08	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	12/19/2023	3.77	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	03/19/2024	1.19	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	03/19/2024	0.94	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	06/19/2024	0.93	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	06/19/2024	0.91	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	09/25/2024	0.52	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	09/25/2024	0.59	<0.5	<0.5	<0.5
LTLW-MW-2D	MZA	40–50	01/02/2025	0.62	<0.500	<0.500	<0.500

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-2D	MZA	40–50	01/02/2025	0.71	<0.500	<0.500	<0.500
LTLW-MW-2D	MZA	40–50	03/26/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2D	MZA	40–50	06/04/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2D	MZA	40–50	09/22/2025	0.52	<0.500	<0.500	<0.500
LTLW-MW-2D	MZA	40–50	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2S	SZA	22–32	08/13/2008	3	2.5	31	<0.5
LTLW-MW-2S	SZA	22–32	12/04/2009	8.29	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/23/2010	5.9	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/15/2010	98.7	4.39	4.07	<0.5
LTLW-MW-2S	SZA	22–32	09/08/2010	65.7	<0.5	3.14	<0.5
LTLW-MW-2S	SZA	22–32	12/16/2010	21.3	1.09	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	05/11/2011	376	11.7	5.04	<0.5
LTLW-MW-2S	SZA	22–32	09/29/2011	100	14	4.6	<0.5
LTLW-MW-2S	SZA	22–32	12/09/2011	74.4	8.61	2.41	<0.5
LTLW-MW-2S	SZA	22–32	12/09/2011	63.8	7.67	1.89	<0.5
LTLW-MW-2S	SZA	22–32	03/29/2012	23.2	3.18	2.14	<0.5
LTLW-MW-2S	SZA	22–32	06/08/2012	84.8	6.94	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	08/21/2012	44.1	3.22	1.67	<0.5
LTLW-MW-2S	SZA	22–32	08/21/2012	48	2.7	1.2	<1.0
LTLW-MW-2S	SZA	22–32	08/21/2012	20.8	2.3	1.1	<0.5
LTLW-MW-2S	SZA	22–32	11/19/2012	1.38	<0.5	0.877	<0.5
LTLW-MW-2S	SZA	22–32	03/11/2013	1.11	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	07/30/2013	67	2.5	1.1	<1.0
LTLW-MW-2S	SZA	22–32	09/30/2013	66	2.2	<1	<1
LTLW-MW-2S	SZA	22–32	12/10/2013	33	0.85	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/10/2013	33	0.57	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/06/2014	6.2	0.9	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/26/2014	5.2	0.57	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/17/2014	2.7	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/16/2014	3.1	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/26/2015	1.3	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/12/2015	0.95	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/11/2015	0.72	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/18/2015	1.1	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/25/2016	1	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/25/2016	1.1	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/21/2016	1.3	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/28/2016	1.9	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/20/2016	2.6	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	05/02/2017	2	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/27/2017	34	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/27/2017	31	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/21/2017	9.7	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	04/04/2018	3.6	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/25/2018	2.3	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/06/2018	0.82	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-2S	SZA	22–32	06/03/2019	1.3	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/03/2019	1.4	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/24/2019	0.95	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/19/2019	0.99	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/26/2020	1.1	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	08/12/2020	1	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/24/2020	0.6	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	11/19/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	03/23/2021	0.6	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	06/18/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	09/24/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	11/10/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	04/04/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	06/28/2022	--	--	--	--
LTLW-MW-2S	SZA	22–32	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	12/23/2022	--	--	--	--
LTLW-MW-2S	SZA	22–32	06/05/2023	11	<0.50	<0.50	<0.50
LTLW-MW-2S	SZA	22–32	09/27/2023	8.2	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	12/19/2023	1.06	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	03/19/2024	0.96	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	06/19/2024	0.71	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	09/25/2024	0.94	<0.5	<0.5	<0.5
LTLW-MW-2S	SZA	22–32	01/02/2025	0.5	<0.500	<0.500	<0.500
LTLW-MW-2S	SZA	22–32	03/26/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2S	SZA	22–32	06/04/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2S	SZA	22–32	09/22/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-2S	SZA	22–32	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-3D	MZA	40–50	08/13/2008	1.59	<0.5	<0.5	<0.5
LTLW-MW-3S	SZA	24–34	08/13/2008	4.04	<0.5	<0.5	<0.5
LTLW-MW-4D	MZA	35–45	08/13/2008	100	5.28	<0.5	<0.5
LTLW-MW-4S	SZA	20–30	08/13/2008	24.5	1.6	0.6	<0.5
LTLW-MW-5D	MZA	40–50	08/13/2008	1.43	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	05/02/2017	0.83	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	09/27/2017	1.1	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	12/21/2017	0.64	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	04/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	06/25/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	09/26/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	12/06/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	06/03/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	09/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	12/19/2019	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	08/12/2020	0.36 J	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	09/24/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	11/19/2020	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	03/23/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	06/18/2021	<0.50	<0.50	<0.50	<0.50

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
LTLW-MW-5D	MZA	40–50	09/24/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	11/10/2021	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	04/04/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	06/28/2022	--	--	--	--
LTLW-MW-5D	MZA	40–50	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	12/23/2022	--	--	--	--
LTLW-MW-5D	MZA	40–50	06/05/2023	1.5	<0.50	<0.50	<0.50
LTLW-MW-5D	MZA	40–50	09/27/2023	1	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	12/20/2023	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	03/19/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	06/18/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	09/25/2024	<0.5	<0.5	<0.5	<0.5
LTLW-MW-5D	MZA	40–50	01/03/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-5D	MZA	40–50	03/26/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-5D	MZA	40–50	06/04/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-5D	MZA	40–50	09/22/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-5D	MZA	40–50	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	08/13/2008	85.1	3.5	2	<0.5
LTLW-MW-5S	SZA	19–29	12/04/2009	<0.5	11.7	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/23/2010	<0.5	26.5	38.2	3.22
LTLW-MW-5S	SZA	19–29	06/15/2010	1400	28.1	29	<0.5
LTLW-MW-5S	SZA	19–29	09/08/2010	448	10.6	11.3	<0.5
LTLW-MW-5S	SZA	19–29	09/08/2010	480	11	11.5	<0.5
LTLW-MW-5S	SZA	19–29	05/11/2011	625	2.74	1.13	<0.5
LTLW-MW-5S	SZA	19–29	09/29/2011	750	14	8.4	<0.5
LTLW-MW-5S	SZA	19–29	09/29/2011	600	13	6.7	<0.5
LTLW-MW-5S	SZA	19–29	12/09/2011	964	23.6	16.2	<0.5
LTLW-MW-5S	SZA	19–29	03/29/2012	225	4.81	4.04	<0.5
LTLW-MW-5S	SZA	19–29	06/08/2012	931	37.6	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	08/21/2012	5.06	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	08/21/2012	6.2	<0.5	<0.5	<1.0
LTLW-MW-5S	SZA	19–29	08/21/2012	3.1	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	11/19/2012	6.99	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/11/2013	2.57	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/11/2013	3.72	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	07/30/2013	67	1.9	0.93	<1.0
LTLW-MW-5S	SZA	19–29	09/30/2013	81	2.1	<1	<1
LTLW-MW-5S	SZA	19–29	12/10/2013	150	2.1	0.82	<0.5
LTLW-MW-5S	SZA	19–29	03/06/2014	2.6	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	06/26/2014	13	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	06/26/2014	13	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/17/2014	8.2	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/16/2014	12	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/26/2015	1.5	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/26/2015	1.4	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	06/12/2015	3.4	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/11/2015	6.3	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
LTLW-MW-5S	SZA	19–29	12/18/2015	34	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/25/2016	180	3.3	0.7	<0.5
LTLW-MW-5S	SZA	19–29	06/21/2016	40	0.55	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/28/2016	31	1.1	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/20/2016	51	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/20/2016	52	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	05/02/2017	13	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/27/2017	2.9	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/21/2017	1.7	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/21/2017	1.5	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	04/04/2018	4.2	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	06/25/2018	1.1	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/26/2018	1.7	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/06/2018	2.6	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	06/03/2019	1.1	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/24/2019	1.1	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/24/2019	1.1	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/19/2019	1.8	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	08/12/2020	7.4	0.18 J	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/24/2020	5.9	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	11/19/2020	5	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	03/23/2021	1.6	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	06/18/2021	4.3	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	09/24/2021	7.8	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	11/10/2021	5.8	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	04/04/2022	18	0.75	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	04/04/2022	19	0.7	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	06/28/2022	--	--	--	--
LTLW-MW-5S	SZA	19–29	09/30/2022	1.2	0.75	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	12/23/2022	--	--	--	--
LTLW-MW-5S	SZA	19–29	06/05/2023	55	<0.50	<0.50	<0.50
LTLW-MW-5S	SZA	19–29	09/27/2023	28	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	12/20/2023	22.5	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	03/19/2024	18.6	<0.5	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	06/18/2024	52.2	0.9	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	09/25/2024	37.2	0.62	<0.5	<0.5
LTLW-MW-5S	SZA	19–29	01/03/2025	17.2	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	03/26/2025	4.22	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	03/26/2025	4.38	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	06/04/2025	4.63	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	06/04/2025	4.23	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	09/22/2025	6.59	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	09/22/2025	6.81	<0.500	<0.500	<0.500
LTLW-MW-5S	SZA	19–29	12/02/2025	4.42	<0.500	<0.500	<0.500
LTLW-MW-6D	MZA	32–42	08/13/2008	47.5	2.7	2.31	<0.5
LTLW-MW-6S	SZA	17–27	08/13/2008	85.3	2.79	7	<0.5
LTLW-MW-7D	MZA	34–44	08/13/2008	83.7	29.8	11	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-7S	SZA	20–30	08/13/2008	45.7	32.8	8.04	<0.5
LTLW-MW-8D	MZA	33–43	08/13/2008	15.7	2.67	4.44	<0.5
LTLW-MW-8D	MZA	33–43	08/13/2008	26.2	3.35	5.68	<0.5
LTLW-MW-8S	SZA	20–30	08/13/2008	78.4	11	24	<0.5
LTLW-MW-9S	SZA	10–25	12/04/2009	324	12.7	19	<0.5
LTLW-MW-9S	SZA	10–25	03/23/2010	174	<0.5	7.78	<0.5
LTLW-MW-9S	SZA	10–25	06/15/2010	162	7.57	22.5	<0.5
LTLW-MW-9S	SZA	10–25	06/15/2010	172	8.04	24.5	<0.5
LTLW-MW-9S	SZA	10–25	09/08/2010	2.18	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/16/2010	89.8	4.64	17.4	<0.5
LTLW-MW-9S	SZA	10–25	12/16/2010	89.6	4.51	18.4	<0.5
LTLW-MW-9S	SZA	10–25	05/11/2011	30.6	0.509	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/29/2011	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/09/2011	7.64	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	03/29/2012	1.15	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/08/2012	0.657	<0.5	0.596	<0.5
LTLW-MW-9S	SZA	10–25	08/21/2012	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	11/19/2012	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	03/11/2013	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	07/30/2013	5.3	<0.5	<1.0	<1.0
LTLW-MW-9S	SZA	10–25	09/30/2013	4.9	<1	<1	<1
LTLW-MW-9S	SZA	10–25	12/10/2013	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	03/06/2014	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/26/2014	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/17/2014	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/16/2014	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	03/26/2015	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/12/2015	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/11/2015	0.54	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	03/25/2016	1.4	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/21/2016	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/21/2016	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/28/2016	1.3	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/28/2016	1.3	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/20/2016	1.6	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	05/02/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/27/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/21/2017	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	04/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/25/2018	1.6	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/26/2018	2	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/06/2018	2	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/06/2018	2.1	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	03/28/2019	2.5	<0.5	0.62	<0.5
LTLW-MW-9S	SZA	10–25	03/28/2019	2.3	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	06/03/2019	8.4	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	09/24/2019	52	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-MW-9S	SZA	10–25	12/20/2019	6.6	1.1	2.2	<0.5
LTLW-MW-9S	SZA	10–25	03/26/2020	1.7	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	08/12/2020	170	3.7 J	2.3 J	<5.0
LTLW-MW-9S	SZA	10–25	09/24/2020	16	<0.50	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	11/19/2020	<5.0	<5.0	<5.0	<5.0
LTLW-MW-9S	SZA	10–25	03/23/2021	110	<0.50	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	06/18/2021	57	0.85	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	09/24/2021	190	4.7	1.5	<0.50
LTLW-MW-9S	SZA	10–25	11/10/2021	84	1.7	0.6	<0.50
LTLW-MW-9S	SZA	10–25	11/10/2021	86	1.7	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	04/04/2022	2.6	<0.50	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	06/28/2022	--	--	--	--
LTLW-MW-9S	SZA	10–25	09/30/2022	1.4	<0.50	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	12/23/2022	--	--	--	--
LTLW-MW-9S	SZA	10–25	06/05/2023	60	<0.50	<0.50	<0.50
LTLW-MW-9S	SZA	10–25	09/27/2023	35	<0.5	<0.5	<0.5
LTLW-MW-9S	SZA	10–25	12/19/2023	279	3.35	<2.50	<2.50
LTLW-MW-9S	SZA	10–25	03/19/2024	428	6.68	<2.50	<2.50
LTLW-MW-9S	SZA	10–25	06/18/2024	227	3.39	<2.00	<2.00
LTLW-MW-9S	SZA	10–25	09/23/2024	736	11.6	<10	<10
LTLW-MW-9S	SZA	10–25	01/02/2025	1.55	<0.500	<0.500	<0.500
LTLW-MW-9S	SZA	10–25	03/26/2025	1.81	<0.500	<0.500	<0.500
LTLW-MW-9S	SZA	10–25	06/04/2025	11.7	<0.500	<0.500	<0.500
LTLW-MW-9S	SZA	10–25	09/22/2025	4.78	<0.500	<0.500	<0.500
LTLW-MW-9S	SZA	10–25	12/02/2025	0.54	<0.500	<0.500	<0.500
LTLW-MW-9S	SZA	10–25	12/02/2025	0.62	<0.500	<0.500	<0.500
LTLW-OS-1	SZA	10–25	03/24/2010	91.2	1.41	0.989	<0.5
LTLW-OS-1	SZA	10–25	06/15/2010	75.9	2.91	1.41	<0.5
LTLW-OS-1	SZA	10–25	09/08/2010	13.5	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/16/2010	52.5	2.43	4.43	<0.5
LTLW-OS-1	SZA	10–25	05/11/2011	7.1	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/29/2011	4.6	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/09/2011	20.6	0.617	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/29/2012	8.97	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/08/2012	11.2	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/08/2012	11.6	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	08/21/2012	6.32	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	11/19/2012	34.9	1.84	<0.5	<0.5
LTLW-OS-1	SZA	10–25	07/30/2013	26	1.7	<1.0	<1.0
LTLW-OS-1	SZA	10–25	09/30/2013	8	<1	<1	<1
LTLW-OS-1	SZA	10–25	12/10/2013	16	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/06/2014	5.6	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/26/2014	15	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/17/2014	10	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/16/2014	9.8	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/26/2015	64	1.4	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/12/2015	10	<0.5	<0.5	<0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
LTLW-OS-1	SZA	10–25	09/11/2015	9.6	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/18/2015	5.2	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/25/2016	5.4	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/21/2016	1.5	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/28/2016	1.5	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/20/2016	9.6	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	05/02/2017	1.1	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/27/2017	1.4	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/21/2017	1.1	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	04/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/25/2018	0.86	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/26/2018	1.2	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/06/2018	6.7	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/28/2019	1.7	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/03/2019	2.3	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/24/2019	1.7	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/20/2019	2.7	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/26/2020	3.4	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	08/12/2020	14	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/24/2020	9.9	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	11/19/2020	6.6	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	03/23/2021	1.9	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	06/18/2021	2.6	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	09/24/2021	8	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	11/10/2021	4	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	04/04/2022	6.8	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	06/28/2022	--	--	--	--
LTLW-OS-1	SZA	10–25	09/30/2022	3.8	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	12/23/2022	--	--	--	--
LTLW-OS-1	SZA	10–25	06/05/2023	77	<0.50	<0.50	<0.50
LTLW-OS-1	SZA	10–25	09/27/2023	95	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	12/19/2023	2.49	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	03/19/2024	2.13	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	06/17/2024	2.25	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	09/23/2024	4.2	<0.5	<0.5	<0.5
LTLW-OS-1	SZA	10–25	01/02/2025	2.38	<0.500	<0.500	<0.500
LTLW-OS-1	SZA	10–25	03/26/2025	2.44	<0.500	<0.500	<0.500
LTLW-OS-1	SZA	10–25	06/04/2025	10.7	<0.500	<0.500	<0.500
LTLW-OS-1	SZA	10–25	09/22/2025	10.4	<0.500	<0.500	<0.500
LTLW-OS-1	SZA	10–25	12/02/2025	3.97	<0.500	<0.500	<0.500
LTLW-OS-2M	MZA	42–48	11/07/2018	1580	54.4	37.2	<10
LTLW-OS-2M	MZA	42–48	03/28/2019	860	45	53	<0.5
LTLW-OS-2M	MZA	42–48	06/03/2019	730	34	38	<0.5
LTLW-OS-2M	MZA	42–48	09/24/2019	320	14	17	<2.5
LTLW-OS-2M	MZA	42–48	12/20/2019	410	20	23	<2.5
LTLW-OS-2M	MZA	42–48	03/26/2020	250	9.4	5.3	<2.5
LTLW-OS-2M	MZA	42–48	08/12/2020	270	12	9.1	<5.0

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-OS-2M	MZA	42–48	09/24/2020	280	11	8.1	<0.50
LTLW-OS-2M	MZA	42–48	11/19/2020	290	13	13	<0.50
LTLW-OS-2M	MZA	42–48	03/23/2021	220	9.3	4.9	<0.50
LTLW-OS-2M	MZA	42–48	06/18/2021	410	22	18	<0.50
LTLW-OS-2M	MZA	42–48	09/24/2021	480	25	17	<0.50
LTLW-OS-2M	MZA	42–48	11/10/2021	450	21	14	<0.50
LTLW-OS-2M	MZA	42–48	04/04/2022	490	18	10	<0.50
LTLW-OS-2M	MZA	42–48	06/28/2022	--	--	--	--
LTLW-OS-2M	MZA	42–48	09/30/2022	210	7.1	6.2	<0.50
LTLW-OS-2M	MZA	42–48	12/23/2022	--	--	--	--
LTLW-OS-2M	MZA	42–48	06/05/2023	250	<0.50	2.2	<0.50
LTLW-OS-2M	MZA	42–48	09/27/2023	240	<0.5	<0.5	<0.5
LTLW-OS-2M	MZA	42–48	12/19/2023	327	13.8	9.2	<2.50
LTLW-OS-2M	MZA	42–48	03/20/2024	385	12.3	8.39	<2.50
LTLW-OS-2M	MZA	42–48	06/17/2024	296	9.88	11.6	<2.00
LTLW-OS-2M	MZA	42–48	09/23/2024	217	8.48	16	<2.5
LTLW-OS-2M	MZA	42–48	01/02/2025	275	9.52	7.34	<2.00
LTLW-OS-2M	MZA	42–48	03/26/2025	263	9.26	5.99	<2.00
LTLW-OS-2M	MZA	42–48	06/04/2025	176	4.75	2.66	<2.00
LTLW-OS-2M	MZA	42–48	06/04/2025	257	6.09	3.47	<2.00
LTLW-OS-2M	MZA	42–48	09/22/2025	106	9	27	<2.00
LTLW-OS-2M	MZA	42–48	09/22/2025	221	9.97	23.9	<2.00
LTLW-OS-2M	MZA	42–48	12/03/2025	132	5.49	27.9	<2.00
LTLW-OS-2M	MZA	42–48	12/03/2025	204	8.35	16.2	<2.00
LTLW-OS-2S	SZA	8–24	11/07/2018	51.3	<0.5	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	03/28/2019	48	0.55	<0.50	<0.5
LTLW-OS-2S	SZA	8–24	06/03/2019	15	<0.5	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	09/24/2019	23	9.8	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	12/20/2019	14	<0.5	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	03/26/2020	2.5	<0.5	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	08/12/2020	16	<0.5	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	09/24/2020	30	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	11/19/2020	2.4	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	03/23/2021	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	06/18/2021	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	09/24/2021	21	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	11/10/2021	0.95	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	04/04/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	06/05/2023	1.1	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	09/27/2023	1.7	<0.5	<0.5	<0.5
LTLW-OS-2S	SZA	8–24	12/19/2023	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	03/20/2024	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	06/17/2024	<0.50	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	09/23/2024	1.05	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	09/23/2024	1.18	<0.50	<0.50	<0.50
LTLW-OS-2S	SZA	8–24	01/02/2025	<0.500	<0.500	<0.500	<0.500

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-OS-2S	SZA	8–24	03/26/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-2S	SZA	8–24	06/04/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-2S	SZA	8–24	09/22/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-2S	SZA	8–24	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-3M	MZA	38–48	11/07/2018	163	2.74	<0.5	<0.5
LTLW-OS-3M	MZA	38–48	03/28/2019	150	3	3.3	<0.5
LTLW-OS-3M	MZA	38–48	06/03/2019	130	<0.5	2.2	<0.5
LTLW-OS-3M	MZA	38–48	09/24/2019	130	2.4	2.5	<0.5
LTLW-OS-3M	MZA	38–48	12/20/2019	200	3.2	2.3	<0.5
LTLW-OS-3M	MZA	38–48	03/26/2020	210	3.7	2.1	<0.5
LTLW-OS-3M	MZA	38–48	08/12/2020	67	0.93 J	0.59 J	<1.0
LTLW-OS-3M	MZA	38–48	09/24/2020	72	1.3	0.78	<0.50
LTLW-OS-3M	MZA	38–48	11/19/2020	110	2	1.7	<0.50
LTLW-OS-3M	MZA	38–48	03/23/2021	150	2.9	1.9	<0.50
LTLW-OS-3M	MZA	38–48	06/18/2021	63	0.96	0.68	<0.50
LTLW-OS-3M	MZA	38–48	09/24/2021	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3M	MZA	38–48	11/10/2021	41	0.64	<0.50	<0.50
LTLW-OS-3M	MZA	38–48	04/04/2022	290	4.3	<0.50	<0.50
LTLW-OS-3M	MZA	38–48	06/28/2022	--	--	--	--
LTLW-OS-3M	MZA	38–48	09/30/2022	230	1.7	<0.50	<0.50
LTLW-OS-3M	MZA	38–48	09/30/2022	240	1.9	<0.50	<0.50
LTLW-OS-3M	MZA	38–48	12/23/2022	--	--	--	--
LTLW-OS-3M	MZA	38–48	06/05/2023	120	0.93	<0.50	<0.50
LTLW-OS-3M	MZA	38–48	09/27/2023	540	<0.5	<0.5	<0.5
LTLW-OS-3M	MZA	38–48	12/19/2023	232	4.82	2.3	<2.0
LTLW-OS-3M	MZA	38–48	03/20/2024	212	3.92	<2.0	<2.0
LTLW-OS-3M	MZA	38–48	06/19/2024	178	3.45	1.68	<1.0
LTLW-OS-3M	MZA	38–48	09/23/2024	22.5	0.54	<0.5	<0.5
LTLW-OS-3M	MZA	38–48	01/02/2025	139	3.32	1.75	<1.00
LTLW-OS-3M	MZA	38–48	03/26/2025	178	4.61	2.03	<1.00
LTLW-OS-3M	MZA	38–48	03/26/2025	178	4.26	1.9	<1.00
LTLW-OS-3M	MZA	38–48	06/04/2025	130	2.59	1.17	<1.00
LTLW-OS-3M	MZA	38–48	09/22/2025	40.1	0.76	<0.500	<0.500
LTLW-OS-3M	MZA	38–48	12/02/2025	165	3.46	1.44	<0.500
LTLW-OS-3S	SZA	8–24	11/07/2018	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	03/28/2019	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	06/03/2019	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	09/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	12/19/2019	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	03/26/2020	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	08/12/2020	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	09/24/2020	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	11/19/2020	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	03/23/2021	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	06/18/2021	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	09/24/2021	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	11/10/2021	<0.50	<0.50	<0.50	<0.50

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-OS-3S	SZA	8–24	04/04/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	06/28/2022	--	--	--	--
LTLW-OS-3S	SZA	8–24	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	12/23/2022	--	--	--	--
LTLW-OS-3S	SZA	8–24	06/05/2023	<0.50	<0.50	<0.50	<0.50
LTLW-OS-3S	SZA	8–24	09/27/2023	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	12/19/2023	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	03/20/2024	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	06/19/2024	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	09/23/2024	<0.5	<0.5	<0.5	<0.5
LTLW-OS-3S	SZA	8–24	01/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-3S	SZA	8–24	03/26/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-3S	SZA	8–24	06/04/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-3S	SZA	8–24	09/22/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-3S	SZA	8–24	12/02/2025	<0.500	<0.500	<0.500	<0.500
LTLW-OS-4M	MZA	33–43	11/07/2018	540	11.6	6.38	<0.5
LTLW-OS-4M	MZA	33–43	11/07/2018	446	9.88	6.26	<0.5
LTLW-OS-4M	MZA	33–43	03/28/2019	280	8.2	8.9	<0.5
LTLW-OS-4M	MZA	33–43	06/03/2019	310	<0.5	8.5	<0.5
LTLW-OS-4M	MZA	33–43	09/24/2019	290	8.5	7.4	<0.5
LTLW-OS-4M	MZA	33–43	12/20/2019	330	8.1	5.2	<0.5
LTLW-OS-4M	MZA	33–43	03/26/2020	180	4.5	<2.5	<2.5
LTLW-OS-4M	MZA	33–43	08/12/2020	130	2.7	1.5	<1.0
LTLW-OS-4M	MZA	33–43	09/24/2020	140	2.6	1.4	<0.50
LTLW-OS-4M	MZA	33–43	11/19/2020	140	3	2.1	<0.50
LTLW-OS-4M	MZA	33–43	03/23/2021	94	0.6	<0.50	<0.50
LTLW-OS-4M	MZA	33–43	06/18/2021	76	1.6	1	<0.50
LTLW-OS-4M	MZA	33–43	09/24/2021	40	<0.50	<0.50	<0.50
LTLW-OS-4M	MZA	33–43	11/10/2021	22	<0.50	<0.50	<0.50
LTLW-OS-4M	MZA	33–43	04/04/2022	24	<0.50	<0.50	<0.50
LTLW-OS-4M	MZA	33–43	09/30/2022	16	<0.50	<0.50	<0.50
LTLW-OS-4M	MZA	33–43	12/23/2022	8.9	<0.50	<0.50	<0.50
LTLW-OS-4M	MZA	33–43	06/05/2023	150	3.2	1.9	<0.50
LTLW-OS-4M	MZA	33–43	09/27/2023	110	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	11/07/2018	5.22	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	03/28/2019	<0.5	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	06/03/2019	<0.5	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	09/24/2019	2.3	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	12/20/2019	1.6	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	03/26/2020	<0.5	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	08/12/2020	1.4	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	09/24/2020	2.8	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	11/19/2020	2.9	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	03/23/2021	3.7	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	06/18/2021	0.77	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	09/24/2021	0.85	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	11/10/2021	1.6	<0.50	<0.50	<0.50

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-OS-4S	SZA	9–24	04/04/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	06/28/2022	--	--	--	--
LTLW-OS-4S	SZA	9–24	09/30/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	12/23/2022	<0.50	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	06/05/2023	3	<0.50	<0.50	<0.50
LTLW-OS-4S	SZA	9–24	09/27/2023	7.3	<0.5	<0.5	<0.5
LTLW-OS-4S	SZA	9–24	12/19/2023	--	--	--	--
LTLW-OS-4S	SZA	9–24	03/20/2024	--	--	--	--
LTLW-OS-4S	SZA	9–24	06/19/2024	--	--	--	--
LTLW-OS-4S	SZA	9–24	09/23/2024	--	--	--	--
LTLW-OS-4S	SZA	9–24	01/02/2025	--	--	--	--
LTLW-OS-4S	SZA	9–24	03/26/2025	--	--	--	--
MW-OB	SZA	2–2	05/07/1998	<0.5	<0.5	<0.5	<0.5
MW-SS	SZA	2–2	05/07/1998	<0.5	<0.5	<0.5	<0.5
RW-MW-1	SZA	8–23	06/22/2006	100	--	--	--
RW-MW-1	SZA	8–23	09/18/2006	64	--	--	--
RW-MW-1	SZA	8–23	10/31/2006	87	--	--	--
RW-MW-1	SZA	8–23	03/15/2007	140	--	--	--
RW-MW-1	SZA	8–23	06/14/2007	81	--	--	--
RW-MW-1	SZA	8–23	09/06/2007	67	--	--	--
RW-MW-1	SZA	8–23	11/09/2007	32	--	--	--
RW-MW-1	SZA	8–23	03/31/2008	48	--	--	--
RW-MW-1	SZA	8–23	05/16/2008	30	--	--	--
RW-MW-1	SZA	8–23	07/24/2008	28	--	--	--
RW-MW-1	SZA	8–23	12/01/2008	23	--	--	--
RW-MW-1	SZA	8–23	05/20/2009	19	--	--	--
RW-MW-1	SZA	8–23	12/02/2009	7.7	--	--	--
RW-MW-1	SZA	8–23	06/14/2010	16	--	--	--
RW-MW-1	SZA	8–23	12/13/2010	19	--	--	--
RW-MW-1	SZA	8–23	06/29/2011	11	--	--	--
RW-MW-1	SZA	8–23	11/01/2011	3.2	--	--	--
RW-MW-1	SZA	8–23	06/12/2012	2.1	--	--	--
RW-MW-10	SZA	10–25	06/22/2006	50	--	--	--
RW-MW-10	SZA	10–25	09/18/2006	92	--	--	--
RW-MW-10	SZA	10–25	10/31/2006	110	--	--	--
RW-MW-10	SZA	10–25	03/15/2007	140	--	--	--
RW-MW-10	SZA	10–25	06/14/2007	250	--	--	--
RW-MW-10	SZA	10–25	09/06/2007	270	--	--	--
RW-MW-10	SZA	10–25	11/09/2007	340	--	--	--
RW-MW-10	SZA	10–25	12/01/2008	180	--	--	--
RW-MW-10	SZA	10–25	12/02/2009	120	--	--	--
RW-MW-10	SZA	10–25	12/13/2010	18	--	--	--
RW-MW-10	SZA	10–25	11/01/2011	2.5	--	--	--
RW-MW-2	SZA	8–23	06/22/2006	44	--	--	--
RW-MW-2	SZA	8–23	09/18/2006	110	--	--	--
RW-MW-2	SZA	8–23	10/31/2006	210	--	--	--
RW-MW-2	SZA	8–23	03/15/2007	92	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
RW-MW-2	SZA	8–23	06/14/2007	68	--	--	--
RW-MW-2	SZA	8–23	09/06/2007	110	--	--	--
RW-MW-2	SZA	8–23	11/09/2007	110	--	--	--
RW-MW-2	SZA	8–23	12/01/2008	71	--	--	--
RW-MW-2	SZA	8–23	12/02/2009	49	--	--	--
RW-MW-2	SZA	8–23	12/13/2010	22	--	--	--
RW-MW-2	SZA	8–23	11/01/2011	8.8	--	--	--
RW-MW-2	SZA	8–23	06/12/2012	5	--	--	--
RW-MW-3	SZA	5–20	06/22/2006	120	--	--	--
RW-MW-3	SZA	5–20	09/18/2006	210	--	--	--
RW-MW-3	SZA	5–20	10/31/2006	290	--	--	--
RW-MW-3	SZA	5–20	03/15/2007	430	--	--	--
RW-MW-3	SZA	5–20	06/14/2007	380	--	--	--
RW-MW-3	SZA	5–20	09/06/2007	290	--	--	--
RW-MW-3	SZA	5–20	11/09/2007	220	--	--	--
RW-MW-3	SZA	5–20	12/01/2008	120	--	--	--
RW-MW-3	SZA	5–20	12/02/2009	79	--	--	--
RW-MW-3	SZA	5–20	12/13/2010	100	--	--	--
RW-MW-3	SZA	5–20	11/01/2011	34	--	--	--
RW-MW-3	SZA	5–20	06/12/2012	41	--	--	--
RW-MW-4	SZA	8–23	06/22/2006	8.5	--	--	--
RW-MW-4	SZA	8–23	09/18/2006	8.2	--	--	--
RW-MW-4	SZA	8–23	10/31/2006	79	--	--	--
RW-MW-4	SZA	8–23	03/15/2007	47	--	--	--
RW-MW-4	SZA	8–23	06/14/2007	30	--	--	--
RW-MW-4	SZA	8–23	09/06/2007	5.8	--	--	--
RW-MW-4	SZA	8–23	11/09/2007	1.5	--	--	--
RW-MW-4	SZA	8–23	12/01/2008	0.68	--	--	--
RW-MW-4	SZA	8–23	12/02/2009	<0.5	--	--	--
RW-MW-4	SZA	8–23	12/13/2010	1.3	--	--	--
RW-MW-4	SZA	8–23	11/01/2011	21	--	--	--
RW-MW-5	SZA	8–23	06/22/2006	<0.5	--	--	--
RW-MW-5	SZA	8–23	09/18/2006	<0.5	--	--	--
RW-MW-5	SZA	8–23	10/31/2006	<0.5	--	--	--
RW-MW-5	SZA	8–23	03/15/2007	<0.5	--	--	--
RW-MW-5	SZA	8–23	06/14/2007	<0.5	--	--	--
RW-MW-5	SZA	8–23	09/06/2007	10	--	--	--
RW-MW-5	SZA	8–23	11/09/2007	21	--	--	--
RW-MW-5	SZA	8–23	12/01/2008	26	--	--	--
RW-MW-5	SZA	8–23	12/02/2009	29	--	--	--
RW-MW-5	SZA	8–23	12/13/2010	3.1	--	--	--
RW-MW-5	SZA	8–23	11/01/2011	<0.5	--	--	--
RW-MW-6	SZA	8–23	06/22/2006	8.8	--	--	--
RW-MW-6	SZA	8–23	09/18/2006	8.2	--	--	--
RW-MW-6	SZA	8–23	10/31/2006	41	--	--	--
RW-MW-6	SZA	8–23	03/15/2007	140	--	--	--
RW-MW-6	SZA	8–23	06/14/2007	120	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
RW-MW-6	SZA	8–23	09/06/2007	160	--	--	--
RW-MW-6	SZA	8–23	11/09/2007	200	--	--	--
RW-MW-6	SZA	8–23	12/01/2008	110	--	--	--
RW-MW-6	SZA	8–23	12/02/2009	51	--	--	--
RW-MW-6	SZA	8–23	12/13/2010	52	--	--	--
RW-MW-6	SZA	8–23	11/01/2011	5	--	--	--
RW-MW-7	SZA	10–25	06/22/2006	77	--	--	--
RW-MW-7	SZA	10–25	09/18/2006	86	--	--	--
RW-MW-7	SZA	10–25	10/31/2006	32	--	--	--
RW-MW-7	SZA	10–25	03/15/2007	65	--	--	--
RW-MW-7	SZA	10–25	06/14/2007	50	--	--	--
RW-MW-7	SZA	10–25	09/06/2007	8.3	--	--	--
RW-MW-7	SZA	10–25	11/09/2007	11	--	--	--
RW-MW-7	SZA	10–25	03/31/2008	26	--	--	--
RW-MW-7	SZA	10–25	05/16/2008	28	--	--	--
RW-MW-7	SZA	10–25	07/24/2008	10	--	--	--
RW-MW-7	SZA	10–25	12/01/2008	7.3	--	--	--
RW-MW-7	SZA	10–25	05/20/2009	19	--	--	--
RW-MW-7	SZA	10–25	06/14/2010	14	--	--	--
RW-MW-7	SZA	10–25	12/13/2010	ND	--	--	--
RW-MW-7	SZA	10–25	06/29/2011	7.8	--	--	--
RW-MW-7	SZA	10–25	11/01/2011	40	--	--	--
RW-MW-7	SZA	10–25	06/12/2012	29	--	--	--
RW-MW-8	SZA	10–25	06/22/2006	150	--	--	--
RW-MW-8	SZA	10–25	09/18/2006	190	--	--	--
RW-MW-8	SZA	10–25	10/31/2006	120	--	--	--
RW-MW-8	SZA	10–25	03/15/2007	97	--	--	--
RW-MW-8	SZA	10–25	06/14/2007	93	--	--	--
RW-MW-8	SZA	10–25	09/06/2007	58	--	--	--
RW-MW-8	SZA	10–25	11/09/2007	68	--	--	--
RW-MW-8	SZA	10–25	03/31/2008	63	--	--	--
RW-MW-8	SZA	10–25	05/16/2008	61	--	--	--
RW-MW-8	SZA	10–25	07/24/2008	67	--	--	--
RW-MW-8	SZA	10–25	12/01/2008	6.8	--	--	--
RW-MW-8	SZA	10–25	05/20/2009	31	--	--	--
RW-MW-8	SZA	10–25	12/02/2009	34	--	--	--
RW-MW-8	SZA	10–25	06/14/2010	28	--	--	--
RW-MW-8	SZA	10–25	12/13/2010	28	--	--	--
RW-MW-8	SZA	10–25	06/12/2012	13	--	--	--
RW-MW-9	SZA	10–25	06/22/2006	<0.5	--	--	--
RW-MW-9	SZA	10–25	09/18/2006	<0.5	--	--	--
RW-MW-9	SZA	10–25	10/31/2006	<0.5	--	--	--
RW-MW-9	SZA	10–25	03/15/2007	<0.5	--	--	--
RW-MW-9	SZA	10–25	06/14/2007	<0.5	--	--	--
RW-MW-9	SZA	10–25	09/06/2007	<0.5	--	--	--
RW-MW-9	SZA	10–25	11/09/2007	<0.5	--	--	--
RW-MW-9	SZA	10–25	12/01/2008	<0.5	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
RW-MW-9	SZA	10–25	12/02/2009	<0.5	--	--	--
RW-MW-9	SZA	10–25	12/13/2010	<0.5	--	--	--
RW-MW-9	SZA	10–25	11/01/2011	<0.5	--	--	--
SB-20	SZA	20–20	01/01/1999	10.5	--	--	--
SB-20	MZA	40–40	01/01/1999	50.5	--	--	--
SB-20	LDZA	80–80	01/01/1999	1.94	--	--	--
SHELL-MW-1	SZA	10–30	04/02/1990	<2	<2	--	--
SHELL-MW-1	SZA	10–30	07/12/1990	ND	ND	ND	--
SHELL-MW-1	SZA	10–30	10/10/1990	<2	<2	<2	--
SHELL-MW-1	SZA	10–30	01/09/1991	ND	ND	ND	--
SHELL-MW-1	SZA	10–30	04/15/1991	ND	ND	ND	--
SHELL-MW-1	SZA	10–30	07/25/1991	<0.5	<0.5	<0.5	<0.5
SHELL-MW-1	SZA	10–30	10/10/1991	ND	ND	ND	--
SHELL-MW-1	SZA	10–30	01/16/1992	ND	ND	ND	--
SHELL-MW-1	SZA	10–30	04/17/1992	ND	ND	ND	--
SHELL-MW-1	SZA	10–30	07/09/1992	<5	<5	<5	<5
SHELL-MW-2	SZA	10–35	04/02/1990	<2	<2	--	--
SHELL-MW-2	SZA	10–35	07/12/1990	ND	ND	ND	--
SHELL-MW-2	SZA	10–35	10/10/1990	<2	<2	<2	--
SHELL-MW-2	SZA	10–35	01/09/1991	1.1	ND	ND	--
SHELL-MW-2	SZA	10–35	04/15/1991	8	ND	ND	--
SHELL-MW-2	SZA	10–35	07/25/1991	<0.5	<0.5	<0.5	<0.5
SHELL-MW-2	SZA	10–35	10/10/1991	0.9	ND	ND	--
SHELL-MW-2	SZA	10–35	01/16/1992	ND	ND	ND	--
SHELL-MW-2	SZA	10–35	04/17/1992	ND	ND	ND	--
SHELL-MW-2	SZA	10–35	07/09/1992	<5	<5	<5	<5
SHELL-MW-3	SZA	10–35	04/02/1990	3.2	<2	--	--
SHELL-MW-3	SZA	10–35	07/12/1990	4.1	<2	<2	--
SHELL-MW-3	SZA	10–35	10/10/1990	3.4	<2	<2	--
SHELL-MW-3	SZA	10–35	01/09/1991	3.3	ND	ND	--
SHELL-MW-3	SZA	10–35	04/15/1991	1.5	ND	ND	--
SHELL-MW-3	SZA	10–35	07/25/1991	1	<0.5	<0.5	<0.5
SHELL-MW-3	SZA	10–35	10/10/1991	2.5	ND	ND	--
SHELL-MW-3	SZA	10–35	01/25/1992	0.84	ND	ND	--
SHELL-MW-3	SZA	10–35	04/17/1992	ND	ND	ND	--
SHELL-MW-3	SZA	10–35	07/09/1992	<5	<5	<5	<5
SHELL-MW-4	SZA	10–35	04/02/1990	4.9	<2	--	--
SHELL-MW-4	SZA	10–35	07/12/1990	8.6	ND	ND	--
SHELL-MW-4	SZA	10–35	10/10/1990	4.1	<2	<2	--
SHELL-MW-4	SZA	10–35	01/09/1991	4.3	ND	ND	--
SHELL-MW-4	SZA	10–35	04/15/1991	3	ND	ND	--
SHELL-MW-4	SZA	10–35	07/25/1991	7.7	<0.5	<0.5	<0.5
SHELL-MW-4	SZA	10–35	10/10/1991	8.5	ND	ND	--
SHELL-MW-4	SZA	10–35	01/16/1992	3.5	ND	ND	--
SHELL-MW-4	SZA	10–35	04/17/1992	2.9	ND	ND	--
SHELL-MW-4	SZA	10–35	07/09/1992	<5	<5	<5	<5
SHELL-MW-5	SZA	10–35	04/02/1990	24	<2	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SHELL-MW-5	SZA	10–35	07/12/1990	27	ND	ND	--
SHELL-MW-5	SZA	10–35	10/10/1990	27	<2	<2	--
SHELL-MW-5	SZA	10–35	01/09/1991	28	8	ND	--
SHELL-MW-5	SZA	10–35	04/15/1991	12	ND	ND	--
SHELL-MW-5	SZA	10–35	07/25/1991	20	<0.5	<0.5	<0.5
SHELL-MW-5	SZA	10–35	10/10/1991	12	ND	ND	--
SHELL-MW-5	SZA	10–35	01/16/1992	3.7	ND	ND	--
SHELL-MW-5	SZA	10–35	07/09/1992	15	<5	<5	<5
SHELL-MW-6	SZA	10–35	04/02/1990	54	<2	--	--
SHELL-MW-6	SZA	10–35	10/10/1990	58	<2	<2	--
SHELL-MW-6	SZA	10–35	01/09/1991	28	6	6	--
SHELL-MW-6	SZA	10–35	04/15/1991	35	7	ND	--
SHELL-MW-6	SZA	10–35	07/12/1991	100	2.9	2.9	--
SHELL-MW-6	SZA	10–35	07/25/1991	38	<0.5	0.6	<0.5
SHELL-MW-6	SZA	10–35	10/10/1991	44	0.8	ND	--
SHELL-MW-6	SZA	10–35	01/16/1992	92	ND	ND	--
SHELL-MW-6	SZA	10–35	07/09/1992	43	<5	<5	<5
SHELL-MW-7	SZA	15–35	07/26/1990	3.6	ND	ND	--
SHELL-MW-7	SZA	15–35	10/10/1990	2.9	<2	<2	--
SHELL-MW-7	SZA	15–35	01/09/1991	36	ND	ND	--
SHELL-MW-7	SZA	15–35	04/15/1991	2.4	ND	ND	--
SHELL-MW-7	SZA	15–35	07/25/1991	3.9	<0.5	<0.5	<0.5
SHELL-MW-7	SZA	15–35	10/10/1991	5.7	ND	ND	--
SHELL-MW-7	SZA	15–35	01/16/1992	3	ND	ND	--
SHELL-MW-7	SZA	15–35	07/09/1992	<5	<5	<5	<5
SHELL-MW-8	SZA	15–35	07/26/1990	2.7	ND	ND	--
SHELL-MW-8	SZA	15–35	10/10/1990	3.1	<2	<2	--
SHELL-MW-8	SZA	15–35	01/09/1991	2.1	ND	ND	--
SHELL-MW-8	SZA	15–35	04/15/1991	6	ND	ND	--
SHELL-MW-8	SZA	15–35	07/25/1991	<0.5	<0.5	<0.5	<0.5
SHELL-MW-8	SZA	15–35	10/10/1991	1.1	ND	ND	--
SHELL-MW-9	SZA	15–35	07/26/1990	140	2.7	3.1	--
SHELL-MW-9	SZA	15–35	10/10/1990	89	2.4	2.8	--
SHELL-MW-9	SZA	15–35	01/09/1991	54	1.4	31	--
SHELL-MW-9	SZA	15–35	04/15/1991	73	1.3	25	--
SHELL-MW-9	SZA	15–35	07/25/1991	33	<0.5	<0.5	<0.5
SHELL-MW-9	SZA	15–35	10/10/1991	4.8	ND	ND	--
SHELL-MW-9	SZA	15–35	01/16/1992	45	ND	ND	--
SHELL-MW-9	SZA	15–35	07/09/1992	9.7	<5	<5	<5
SHELL-S-2	SZA	10–30	04/21/2005	<0.5	<0.5	<0.5	<0.5
SHELL-S-5	MZA	36–41	04/21/2005	0.96	<0.5	<0.5	<0.5
SM-EW-4A	SZA	15–30	08/13/2014	<0.5	<0.5	<0.5	<0.5
SM-MW-1	SZA	7–30	03/16/2003	<0.5	--	--	--
SM-MW-1	SZA	7–30	06/16/2003	<0.5	--	--	--
SM-MW-1	SZA	7–30	10/08/2003	<5	--	--	--
SM-MW-1	SZA	7–30	01/07/2004	<5	--	--	--
SM-MW-1	SZA	7–30	04/05/2004	<5	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
SM-MW-1	SZA	7–30	10/04/2004	<5	--	--	--
SM-MW-1	SZA	7–30	12/20/2004	<5	--	--	--
SM-MW-10A	SZA	15–25	03/17/2003	<0.5	--	--	--
SM-MW-10A	SZA	15–25	06/17/2003	<0.5	--	--	--
SM-MW-10A	SZA	15–25	10/09/2003	<5	--	--	--
SM-MW-10B	MZA	35–50	03/17/2003	1.5	--	--	--
SM-MW-10B	MZA	35–50	06/17/2003	1.3	--	--	--
SM-MW-10B	MZA	35–50	10/09/2003	<5	--	--	--
SM-MW-10B	MZA	35–50	05/02/2018	<0.5	<0.5	<0.5	<0.5
SM-MW-10C	UDZA	65–80	03/17/2003	4.3	--	--	--
SM-MW-10C	UDZA	65–80	06/18/2003	3.5	--	--	--
SM-MW-10C	UDZA	65–80	10/09/2003	2	--	--	--
SM-MW-10C	UDZA	65–80	01/07/2004	2.3	--	--	--
SM-MW-10C	UDZA	65–80	04/07/2004	2.7 J	--	--	--
SM-MW-10C	UDZA	65–80	10/04/2004	3.1 J	--	--	--
SM-MW-10C	UDZA	65–80	12/20/2004	1.9 J	--	--	--
SM-MW-10C	UDZA	65–80	05/02/2018	<0.5	<0.5	<0.5	<0.5
SM-MW-11B	MZA	35–50	03/18/2003	0.58	--	--	--
SM-MW-11B	MZA	35–50	06/18/2003	<0.5	--	--	--
SM-MW-11B	MZA	35–50	10/09/2003	<5	--	--	--
SM-MW-11B	MZA	35–50	04/06/2004	<5	--	--	--
SM-MW-11B	MZA	35–50	10/04/2004	<5	--	--	--
SM-MW-11B	MZA	35–50	12/20/2004	<5	--	--	--
SM-MW-11C	UDZA	65–80	03/16/2003	110	--	--	--
SM-MW-11C	UDZA	65–80	06/18/2003	190	--	--	--
SM-MW-11C	UDZA	65–80	10/09/2003	108	--	--	--
SM-MW-11C	UDZA	65–80	04/06/2004	43	--	--	--
SM-MW-11C	UDZA	65–80	10/04/2004	45	--	--	--
SM-MW-11C	UDZA	65–80	12/20/2004	9.3	--	--	--
SM-MW-12A	SZA	15–25	03/18/2003	<0.5	--	--	--
SM-MW-12A	SZA	15–25	06/17/2003	<0.5	--	--	--
SM-MW-12B	MZA	35–50	03/18/2003	11	--	--	--
SM-MW-12B	MZA	35–50	06/17/2003	49	--	--	--
SM-MW-12C	UDZA	65–80	03/18/2003	32	--	--	--
SM-MW-12C	UDZA	65–80	06/17/2003	62	--	--	--
SM-MW-13A	SZA	15–25	03/17/2003	<0.5	--	--	--
SM-MW-13A	SZA	15–25	06/17/2003	<0.5	--	--	--
SM-MW-13A	SZA	15–25	10/08/2003	<5	--	--	--
SM-MW-13B	MZA	35–50	03/19/2003	5.2	--	--	--
SM-MW-13B	MZA	35–50	06/17/2003	7.3	--	--	--
SM-MW-13B	MZA	35–50	10/09/2003	<5	--	--	--
SM-MW-13B	MZA	35–50	01/07/2004	2.7	--	--	--
SM-MW-13B	MZA	35–50	04/06/2004	19	--	--	--
SM-MW-13B	MZA	35–50	10/04/2004	2.4J	--	--	--
SM-MW-13B	MZA	35–50	12/20/2004	17	--	--	--
SM-MW-13C	UDZA	65–80	03/17/2003	64	--	--	--
SM-MW-13C	UDZA	65–80	06/17/2003	74	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SM-MW-13C	UDZA	65–80	10/08/2003	52	--	--	--
SM-MW-13C	UDZA	65–80	01/07/2004	88	--	--	--
SM-MW-13C	UDZA	65–80	04/06/2004	37	--	--	--
SM-MW-13C	UDZA	65–80	10/04/2004	49	--	--	--
SM-MW-13C	UDZA	65–80	12/20/2004	43	--	--	--
SM-MW-2A	SZA	15–25	06/16/2003	<0.5	--	--	--
SM-MW-2A	SZA	15–25	10/08/2003	<5	--	--	--
SM-MW-2A	SZA	15–25	04/05/2004	<5	--	--	--
SM-MW-2A	SZA	15–25	12/20/2004	1.8 J	--	--	--
SM-MW-2B	MZA	34–49	03/19/2003	8.3	--	--	--
SM-MW-2B	MZA	34–49	06/16/2003	13	--	--	--
SM-MW-2B	MZA	34–49	10/08/2003	21	--	--	--
SM-MW-2B	MZA	34–49	04/05/2004	21	--	--	--
SM-MW-2B	MZA	34–49	10/04/2004	24	--	--	--
SM-MW-2B	MZA	34–49	12/20/2004	16	--	--	--
SM-MW-2C	UDZA	61–81	03/17/2003	62	--	--	--
SM-MW-2C	UDZA	61–81	06/16/2003	52	--	--	--
SM-MW-2C	UDZA	61–81	10/08/2003	54	--	--	--
SM-MW-2C	UDZA	61–81	04/05/2004	38	--	--	--
SM-MW-2C	UDZA	61–81	10/04/2004	33	--	--	--
SM-MW-2C	UDZA	61–81	12/20/2004	22	--	--	--
SM-MW-3A	SZA	15–25	03/17/2003	0.76	--	--	--
SM-MW-3A	SZA	15–25	06/17/2003	0.94	--	--	--
SM-MW-3A	SZA	15–25	10/09/2003	<5	--	--	--
SM-MW-3B	MZA	35–50	03/17/2003	69	--	--	--
SM-MW-3B	MZA	35–50	06/17/2003	20	--	--	--
SM-MW-3B	MZA	35–50	10/09/2003	3.9	--	--	--
SM-MW-3C	MZA	58–78	03/17/2003	170	--	--	--
SM-MW-3C	MZA	58–78	06/18/2003	110	--	--	--
SM-MW-3C	MZA	58–78	10/09/2003	59	--	--	--
SM-MW-3C	MZA	58–78	01/07/2004	115	--	--	--
SM-MW-3C	MZA	58–78	04/06/2004	85	--	--	--
SM-MW-3C	MZA	58–78	10/04/2004	79	--	--	--
SM-MW-3C	MZA	58–78	12/20/2004	91	--	--	--
SM-MW-4A	SZA	15–25	03/17/2003	2.2	--	--	--
SM-MW-4A	SZA	15–25	06/17/2003	1.5	--	--	--
SM-MW-4A	SZA	15–25	10/09/2003	1.5	--	--	--
SM-MW-4A	SZA	15–25	08/13/2014	2.9	<0.5	<0.5	<0.5
SM-MW-4A	SZA	15–25	10/30/2015	14	--	--	--
SM-MW-4A	SZA	15–25	10/12/2016	15	0.3	<0.5	--
SM-MW-4A	SZA	15–25	06/27/2017	6.9	<0.5	<0.5	--
SM-MW-4A	SZA	15–25	05/02/2018	1.5	<0.5	<0.5	<0.5
SM-MW-4B	MZA	35–50	03/17/2003	4.9	--	--	--
SM-MW-4B	MZA	35–50	06/17/2003	8.5	--	--	--
SM-MW-4B	MZA	35–50	10/09/2003	3.9	--	--	--
SM-MW-4B	MZA	35–50	10/30/2015	150	--	--	--
SM-MW-4B	MZA	35–50	10/12/2016	110	4.2	1.4	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
SM-MW-4B	MZA	35–50	06/27/2017	86	3.5	<0.5	--
SM-MW-4B	MZA	35–50	05/02/2018	64	2.3	0.8	<0.5
SM-MW-4C	MZA	59–79	03/17/2003	0.9	--	--	--
SM-MW-4C	MZA	59–79	06/17/2003	2.1	--	--	--
SM-MW-4C	MZA	59–79	10/09/2003	3.3	--	--	--
SM-MW-4C	MZA	59–79	10/12/2016	1.8	<0.5	<0.5	--
SM-MW-4C	MZA	59–79	06/26/2017	1	<0.5	<0.5	--
SM-MW-4C	MZA	59–79	05/02/2018	2.7	<0.5	<0.5	<0.5
SM-MW-5A	SZA	15–25	03/18/2003	<0.5	--	--	--
SM-MW-5A	SZA	15–25	06/17/2003	<0.5	--	--	--
SM-MW-5A	SZA	15–25	10/09/2003	<5	--	--	--
SM-MW-5B	MZA	35–50	03/18/2003	3.1	--	--	--
SM-MW-5B	MZA	35–50	06/17/2003	1.8	--	--	--
SM-MW-5B	MZA	35–50	10/10/2003	2.7	--	--	--
SM-MW-5B	MZA	35–50	01/07/2004	1.9	--	--	--
SM-MW-5B	MZA	35–50	04/05/2004	11	--	--	--
SM-MW-5B	MZA	35–50	10/04/2004	2.5 J	--	--	--
SM-MW-5B	MZA	35–50	12/20/2004	6.8	--	--	--
SM-MW-5C	UDZA	60–80	03/18/2003	1.1	--	--	--
SM-MW-5C	UDZA	60–80	06/17/2003	0.95	--	--	--
SM-MW-5C	UDZA	60–80	10/09/2003	<5	--	--	--
SM-MW-5D	LDZA	120–140	03/18/2003	2.1	--	--	--
SM-MW-5D	LDZA	120–140	06/18/2003	1.4	--	--	--
SM-MW-5D	LDZA	120–140	10/10/2003	7.5	--	--	--
SM-MW-6A	SZA	20–30	03/18/2003	<0.5	--	--	--
SM-MW-6A	SZA	20–30	06/17/2003	<0.5	--	--	--
SM-MW-6A	SZA	20–30	10/10/2003	<5	--	--	--
SM-MW-6C	UDZA	70–80	03/18/2003	55	--	--	--
SM-MW-6C	UDZA	70–80	06/17/2003	32	--	--	--
SM-MW-6C	UDZA	70–80	10/10/2003	25	--	--	--
SM-MW-6C	UDZA	70–80	01/07/2004	38	--	--	--
SM-MW-6C	UDZA	70–80	04/06/2004	27	--	--	--
SM-MW-6C	UDZA	70–80	10/04/2004	23	--	--	--
SM-MW-6C	UDZA	70–80	12/20/2004	43	--	--	--
SM-MW-6D	LDZA	120–140	03/18/2003	9.4	--	--	--
SM-MW-6D	LDZA	120–140	06/18/2003	18	--	--	--
SM-MW-6D	LDZA	120–140	10/10/2003	20	--	--	--
SM-MW-7A	SZA	15–25	03/18/2003	<0.5	--	--	--
SM-MW-7A	SZA	15–25	06/18/2003	<0.5	--	--	--
SM-MW-7A	SZA	15–25	10/09/2003	<5	--	--	--
SM-MW-7A	SZA	15–25	10/28/2015	<0.5	--	--	--
SM-MW-7A	SZA	15–25	09/26/2016	<0.5	<0.5	<0.5	--
SM-MW-7C	UDZA	60–80	03/18/2003	15	--	--	--
SM-MW-7C	UDZA	60–80	06/18/2003	13	--	--	--
SM-MW-7C	UDZA	60–80	10/09/2003	3.6	--	--	--
SM-MW-7C	UDZA	60–80	01/07/2004	15	--	--	--
SM-MW-7C	UDZA	60–80	04/06/2004	5.3	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SM-MW-7C	UDZA	60–80	10/04/2004	11	--	--	--
SM-MW-7C	UDZA	60–80	12/20/2004	9.4	--	--	--
SM-MW-7C	UDZA	60–80	09/26/2016	5.2	<0.5	<0.5	--
SM-MW-7C	UDZA	60–80	05/02/2018	3.4	<0.5	0.6	<0.5
SM-MW-7D	LDZA	120–140	03/18/2003	7.2	--	--	--
SM-MW-7D	LDZA	120–140	06/18/2003	5.7	--	--	--
SM-MW-7D	LDZA	120–140	10/09/2003	2.9	--	--	--
SM-MW-7D	LDZA	120–140	05/02/2018	14	<0.5	<0.5	<0.5
SM-MW-8A	SZA	15–25	03/18/2003	<0.5	--	--	--
SM-MW-8A	SZA	15–25	06/17/2003	<0.5	--	--	--
SM-MW-8A	SZA	15–25	10/10/2003	<5	--	--	--
SM-MW-8A	SZA	15–25	01/07/2004	<1	--	--	--
SM-MW-8A	SZA	15–25	04/07/2004	<5	--	--	--
SM-MW-8A	SZA	15–25	10/04/2004	<5	--	--	--
SM-MW-8A	SZA	15–25	12/20/2004	<5	--	--	--
SM-MW-8A	SZA	15–25	09/26/2016	<0.5	<0.5	<0.5	--
SM-MW-8B	MZA	35–50	03/18/2003	1.1	--	--	--
SM-MW-8B	MZA	35–50	06/17/2003	0.84	--	--	--
SM-MW-8B	MZA	35–50	10/10/2003	<5	--	--	--
SM-MW-8B	MZA	35–50	01/07/2004	<1	--	--	--
SM-MW-8B	MZA	35–50	04/07/2004	<5	--	--	--
SM-MW-8B	MZA	35–50	10/04/2004	<5	--	--	--
SM-MW-8B	MZA	35–50	12/20/2004	0.6 J	--	--	--
SM-MW-8B	MZA	35–50	09/26/2016	0.3	<0.5	<0.5	--
SM-MW-8C	UDZA	65–80	03/18/2003	13	--	--	--
SM-MW-8C	UDZA	65–80	06/17/2003	11	--	--	--
SM-MW-8C	UDZA	65–80	10/10/2003	9.9	--	--	--
SM-MW-8C	UDZA	65–80	09/26/2016	1.9	<0.5	<0.5	--
SM-MW-9A	SZA	15–25	03/17/2003	<0.5	--	--	--
SM-MW-9A	SZA	15–25	06/17/2003	<0.5	--	--	--
SM-MW-9A	SZA	15–25	10/08/2003	<5	--	--	--
SM-MW-9A	SZA	15–25	08/13/2014	5	<0.5	<0.5	<0.5
SM-MW-9A	SZA	15–25	09/28/2016	<0.5	<0.5	<0.5	--
SM-MW-9A	SZA	15–25	06/29/2017	<0.5	<0.5	<0.5	--
SM-MW-9B	MZA	35–50	03/17/2003	0.51	--	--	--
SM-MW-9B	MZA	35–50	06/17/2003	<0.5	--	--	--
SM-MW-9B	MZA	35–50	10/08/2003	<5	--	--	--
SM-MW-9B	MZA	35–50	09/28/2016	9.2	<0.5	<0.5	--
SM-MW-9B	MZA	35–50	06/29/2017	4.6	<0.5	<0.5	--
SM-MW-9C	UDZA	65–80	03/17/2003	1.8	--	--	--
SM-MW-9C	UDZA	65–80	06/17/2003	1.6	--	--	--
SM-MW-9C	UDZA	65–80	10/08/2003	1.8	--	--	--
SM-MW-9C	UDZA	65–80	09/28/2016	1.8	<0.5	<0.5	--
SM-MW-9C	UDZA	65–80	06/28/2017	2	<0.5	<0.5	--
Shell-S-7A	SZA	15–20	09/11/2004	<0.5	--	--	--
Shell-S-7B	MZA	40–45	09/11/2004	8.3	--	--	--
Shell-SB-12	SZA	20–20	01/01/1999	16.3	--	--	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Shell-SB-12	MZA	30–30	01/01/1999	11.5	--	--	--
Shell-SB-13	SZA	20–20	01/01/1999	0.65	--	--	--
Shell-SB-13	MZA	30–30	01/01/1999	ND	--	--	--
TA-EW-1	SZA	5–49	11/11/1999	0.032	--	--	--
TA-EW-1	SZA	5–49	02/09/2000	0.022	--	--	--
TA-EW-1	SZA	5–49	05/17/2000	0.32	ND	0.48	--
TA-EW-1	SZA	5–49	08/10/2000	ND	ND	ND	--
TA-EW-1	SZA	5–49	11/20/2000	ND	ND	ND	--
TA-EW-1	SZA	5–49	02/15/2001	ND	ND	ND	--
TA-EW-1	SZA	5–49	05/30/2001	ND	ND	ND	--
TA-EW-1	SZA	5–49	03/20/2003	<0.5	<0.5	<0.5	--
TA-EW-1	SZA	5–49	06/05/2003	<0.5	<0.5	<0.5	--
TA-EW-1	SZA	5–49	09/30/2003	<0.5	<0.5	<0.5	--
TA-EW-1	SZA	5–49	12/17/2003	<0.5	<0.5	<0.5	--
TA-EW-1	SZA	5–49	03/17/2004	<0.5	<0.5	<0.5	--
TA-EW-1	SZA	5–49	06/16/2004	<0.5	--	--	--
TA-EW-1	SZA	5–49	09/14/2004	<0.5	--	--	--
TA-MW-1	SZA	24–24	09/18/1996	0.54	ND	ND	--
TA-MW-1	SZA	24–24	09/03/1997	ND	ND	ND	--
TA-MW-1	SZA	24–24	12/16/1997	0.67	ND	ND	--
TA-MW-1	SZA	24–24	04/23/1998	ND	ND	ND	--
TA-MW-1	SZA	24–24	06/30/1998	ND	ND	ND	--
TA-MW-1	SZA	24–24	09/02/1998	ND	ND	ND	--
TA-MW-1	SZA	24–24	01/04/1999	ND	ND	ND	--
TA-MW-1	SZA	24–24	03/02/1999	ND	ND	ND	--
TA-MW-1	SZA	24–24	05/17/1999	ND	ND	ND	--
TA-MW-1	SZA	24–24	08/17/1999	ND	ND	ND	--
TA-MW-1	SZA	24–24	10/30/1999	ND	ND	ND	--
TA-MW-1	SZA	24–24	11/11/1999	ND	ND	ND	--
TA-MW-1	SZA	24–24	02/09/2000	ND	ND	ND	--
TA-MW-1	SZA	24–24	05/17/2000	ND	ND	ND	--
TA-MW-1	SZA	24–24	08/10/2000	ND	ND	ND	--
TA-MW-1	SZA	24–24	11/20/2000	ND	ND	ND	--
TA-MW-1	SZA	24–24	02/15/2001	ND	ND	ND	--
TA-MW-1	SZA	24–24	05/30/2001	ND	ND	ND	--
TA-MW-1	SZA	24–24	09/18/2001	ND	ND	ND	--
TA-MW-1	SZA	24–24	12/19/2001	ND	ND	ND	--
TA-MW-1	SZA	24–24	03/21/2002	ND	ND	ND	--
TA-MW-1	SZA	24–24	12/03/2002	<1.0	<1.0	<1.0	--
TA-MW-1	SZA	24–24	03/20/2003	<0.5	<0.5	<0.5	--
TA-MW-1	SZA	24–24	06/05/2003	<0.5	<0.5	<0.5	--
TA-MW-1	SZA	24–24	09/30/2003	<0.5	<0.5	<0.5	--
TA-MW-1	SZA	24–24	12/16/2003	<0.5	<0.5	<0.5	--
TA-MW-1	SZA	24–24	03/17/2004	<0.5	<0.5	<0.5	--
TA-MW-10	SZA	5–24	11/11/1999	ND	ND	ND	--
TA-MW-10	SZA	5–24	02/09/2000	ND	ND	ND	--
TA-MW-10	SZA	5–24	05/17/2000	ND	ND	ND	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
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South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval	Sample Date	PCE	TCE	cis-1,2-DCE	VC
		(ft bgs)		(µg/L)	(µg/L)	(µg/L)	(µg/L)
TA-MW-10	SZA	5–24	08/10/2000	ND	ND	ND	--
TA-MW-10	SZA	5–24	11/20/2000	ND	ND	ND	--
TA-MW-10	SZA	5–24	02/15/2001	ND	ND	ND	--
TA-MW-10	SZA	5–24	05/30/2001	ND	ND	ND	--
TA-MW-10	SZA	5–24	03/13/2002	ND	ND	ND	--
TA-MW-11	SZA	5–22	11/11/1999	ND	ND	ND	--
TA-MW-11	SZA	5–22	02/09/2000	ND	ND	ND	--
TA-MW-11	SZA	5–22	05/17/2000	ND	ND	ND	--
TA-MW-11	SZA	5–22	11/20/2000	ND	ND	ND	--
TA-MW-11	SZA	5–22	03/16/2004	<0.5	<0.5	<0.5	--
TA-MW-2	SZA	4–20	09/18/1996	3.1	ND	ND	--
TA-MW-2	SZA	4–20	09/03/1997	25	15	110	--
TA-MW-2	SZA	4–20	12/16/1997	4	2.2	31	--
TA-MW-3	SZA	29–29	09/18/1996	1.2	ND	ND	--
TA-MW-3	SZA	29–29	09/03/1997	ND	ND	1	--
TA-MW-3	SZA	29–29	12/16/1997	ND	ND	1.9	--
TA-MW-3	SZA	29–29	04/23/1998	ND	ND	ND	--
TA-MW-3	SZA	29–29	06/30/1998	ND	ND	ND	--
TA-MW-3	SZA	29–29	09/02/1998	ND	ND	ND	--
TA-MW-3	SZA	29–29	01/04/1999	ND	ND	ND	--
TA-MW-3	SZA	29–29	03/02/1999	ND	ND	1.2	--
TA-MW-3	SZA	29–29	05/17/1999	ND	ND	1.1	--
TA-MW-3	SZA	29–29	08/17/1999	ND	ND	ND	--
TA-MW-3	SZA	29–29	11/11/1999	ND	ND	ND	--
TA-MW-3	SZA	29–29	02/09/2000	ND	ND	ND	--
TA-MW-3	SZA	29–29	05/17/2000	ND	ND	ND	--
TA-MW-3	SZA	29–29	08/10/2000	ND	ND	ND	--
TA-MW-3	SZA	29–29	11/20/2000	ND	ND	ND	--
TA-MW-3	SZA	29–29	02/15/2001	ND	ND	ND	--
TA-MW-3	SZA	29–29	05/30/2001	ND	ND	ND	--
TA-MW-3	SZA	29–29	09/18/2001	ND	ND	ND	--
TA-MW-3	SZA	29–29	12/19/2001	ND	ND	ND	--
TA-MW-3	SZA	29–29	03/13/2002	ND	ND	ND	--
TA-MW-3	SZA	29–29	12/03/2002	<1.0	<1.0	<1.0	--
TA-MW-3	SZA	29–29	03/20/2003	<0.5	<0.5	<0.5	--
TA-MW-3	SZA	29–29	06/05/2003	<0.5	<0.5	<0.5	--
TA-MW-3	SZA	29–29	09/29/2003	<0.5	<0.5	<0.5	--
TA-MW-3	SZA	29–29	12/16/2003	<0.5	<0.5	<0.5	--
TA-MW-3	SZA	29–29	03/16/2004	<0.5	<0.5	<0.5	--
TA-MW-3	SZA	29–29	06/15/2004	0.52	--	--	--
TA-MW-3	SZA	29–29	09/14/2004	<0.50	--	--	--
TA-MW-4	SZA	29–29	02/03/1997	ND	ND	ND	--
TA-MW-4	SZA	29–29	09/03/1997	ND	ND	ND	--
TA-MW-4	SZA	29–29	12/16/1997	ND	ND	ND	--
TA-MW-4	SZA	29–29	06/30/1998	ND	ND	ND	--
TA-MW-4	SZA	29–29	09/02/1998	ND	ND	ND	--
TA-MW-4	SZA	29–29	01/04/1999	ND	ND	ND	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TA-MW-4	SZA	29–29	03/20/2003	5.5	<0.5	<0.5	--
TA-MW-4	SZA	29–29	06/05/2003	1.5	<0.5	<0.5	--
TA-MW-4	SZA	29–29	09/29/2003	0.69	<0.5	<0.5	--
TA-MW-4	SZA	29–29	12/17/2003	<0.5	<0.5	<0.5	--
TA-MW-4	SZA	29–29	03/16/2004	1.4	<0.5	<0.5	--
TA-MW-4	SZA	29–29	06/16/2004	2.8	--	--	--
TA-MW-4	SZA	29–29	09/14/2004	0.81	--	--	--
TA-MW-5	SZA	24–24	12/16/1997	2.7	ND	2.3	--
TA-MW-5	SZA	24–24	04/23/1998	5.7	ND	ND	--
TA-MW-5	SZA	24–24	06/30/1998	4.1	ND	ND	--
TA-MW-5	SZA	24–24	01/04/1999	3.7	ND	ND	--
TA-MW-5	SZA	24–24	03/02/1999	3.9	ND	ND	--
TA-MW-5	SZA	24–24	05/17/1999	ND	ND	ND	--
TA-MW-5	SZA	24–24	08/17/1999	3.8	ND	ND	--
TA-MW-5	SZA	24–24	11/11/1999	3.2	ND	ND	--
TA-MW-5	SZA	24–24	02/09/2000	2.3	ND	ND	--
TA-MW-5	SZA	24–24	05/17/2000	1.6	ND	ND	--
TA-MW-5	SZA	24–24	08/10/2000	ND	ND	ND	--
TA-MW-5	SZA	24–24	11/20/2000	ND	ND	ND	--
TA-MW-5	SZA	24–24	02/15/2001	ND	ND	ND	--
TA-MW-5	SZA	24–24	05/30/2001	ND	ND	ND	--
TA-MW-5	SZA	24–24	09/18/2001	1.8	ND	ND	--
TA-MW-5	SZA	24–24	12/19/2001	3	ND	ND	--
TA-MW-5	SZA	24–24	03/13/2002	2.5	ND	ND	--
TA-MW-5	SZA	24–24	12/03/2002	4.6	<1.0	<1.0	--
TA-MW-5	SZA	24–24	03/20/2003	3.5	<0.5	<0.5	--
TA-MW-5	SZA	24–24	06/05/2003	0.88	<0.5	<0.5	--
TA-MW-5	SZA	24–24	09/30/2003	1.7	<0.5	<0.5	--
TA-MW-5	SZA	24–24	12/17/2003	7.8	<0.5	<0.5	--
TA-MW-5	SZA	24–24	03/17/2004	6.3	<0.5	<0.5	--
TA-MW-5	SZA	24–24	06/16/2004	1.2	--	--	--
TA-MW-5	SZA	24–24	09/14/2004	0.56	--	--	--
TA-MW-6	SZA	4–19	09/15/1998	2.5	ND	ND	--
TA-MW-6	SZA	4–19	01/04/1999	ND	ND	ND	--
TA-MW-6	SZA	4–19	03/02/1999	ND	ND	ND	--
TA-MW-6	SZA	4–19	05/17/1999	ND	ND	ND	--
TA-MW-6	SZA	4–19	08/17/1999	1.1	ND	ND	--
TA-MW-6	SZA	4–19	11/11/1999	ND	ND	ND	--
TA-MW-6	SZA	4–19	02/09/2000	ND	ND	ND	--
TA-MW-6	SZA	4–19	05/17/2000	ND	ND	ND	--
TA-MW-6	SZA	4–19	08/10/2000	ND	ND	ND	--
TA-MW-6	SZA	4–19	11/20/2000	ND	ND	ND	--
TA-MW-6	SZA	4–19	02/15/2001	ND	ND	ND	--
TA-MW-6	SZA	4–19	05/30/2001	ND	ND	ND	--
TA-MW-6	SZA	4–19	09/18/2001	ND	ND	ND	--
TA-MW-6	SZA	4–19	12/19/2001	ND	ND	ND	--
TA-MW-6	SZA	4–19	03/13/2002	ND	ND	ND	--

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TA-MW-6	SZA	4–19	12/03/2002	<1.0	<1.0	<1.0	--
TA-MW-6	SZA	4–19	03/20/2003	0.91	<0.5	<0.5	--
TA-MW-6	SZA	4–19	06/05/2003	0.94	<0.5	<0.5	--
TA-MW-6	SZA	4–19	09/30/2003	0.51	<0.5	<0.5	--
TA-MW-6	SZA	4–19	12/17/2003	<0.5	<0.5	<0.5	--
TA-MW-6	SZA	4–19	03/16/2004	0.73	<0.5	<0.5	--
TA-MW-6	SZA	4–19	06/16/2004	0.55	--	--	--
TA-MW-6	SZA	4–19	09/14/2004	<0.5	--	--	--
TA-MW-7	SZA	4–20	01/04/1999	ND	ND	ND	--
TA-MW-7	SZA	4–20	05/17/1999	ND	ND	2.5	--
TA-MW-7	SZA	4–20	08/17/1999	ND	ND	ND	--
TA-MW-7	SZA	4–20	11/11/1999	ND	ND	ND	--
TA-MW-7	SZA	4–20	02/09/2000	ND	ND	ND	--
TA-MW-7	SZA	4–20	05/17/2000	ND	ND	ND	--
TA-MW-7	SZA	4–20	08/10/2000	ND	ND	ND	--
TA-MW-7	SZA	4–20	11/20/2000	ND	ND	ND	--
TA-MW-7	SZA	4–20	12/19/2001	ND	ND	ND	--
TA-MW-7	SZA	4–20	06/05/2003	0.75	<0.5	0.54	--
TA-MW-7	SZA	4–20	09/29/2003	<0.5	<0.5	<0.5	--
TA-MW-7	SZA	4–20	06/15/2004	0.66	--	--	--
TA-MW-7	SZA	4–20	09/14/2004	0.5	--	--	--
TA-MW-8	SZA	5–20	01/04/1999	ND	ND	ND	--
TA-MW-8	SZA	5–20	03/02/1999	ND	ND	ND	--
TA-MW-8	SZA	5–20	09/29/2003	1.8	<0.50	<0.50	--
TA-MW-8	SZA	5–20	12/17/2003	2.2	<0.50	<0.50	--
TA-MW-8	SZA	5–20	03/17/2004	6	<0.50	<0.50	--
TA-MW-8	SZA	5–20	06/15/2004	1.9	--	--	--
TA-MW-8	SZA	5–20	09/14/2004	0.87	--	--	--
TA-MW-9	SZA	4–19	01/04/1999	ND	ND	ND	--
TA-MW-9	SZA	4–19	05/17/1999	ND	ND	ND	--
TA-MW-9	SZA	4–19	08/17/1999	ND	ND	ND	--
TA-MW-9	SZA	4–19	11/11/1999	ND	ND	ND	--
TA-MW-9	SZA	4–19	02/09/2000	ND	ND	ND	--
TA-MW-9	SZA	4–19	05/17/2000	ND	ND	ND	--
TA-MW-9	SZA	4–19	08/10/2000	ND	ND	ND	--
TA-MW-9	SZA	4–19	11/20/2000	ND	ND	ND	--
TA-MW-9	SZA	4–19	02/15/2001	ND	ND	ND	--
TA-MW-9	SZA	4–19	03/17/2004	0.7	<0.5	<0.5	--
TA-MW-9	SZA	4–19	06/15/2004	<0.5	--	--	--
TA-MW-9	SZA	4–19	09/14/2004	<0.5	--	--	--
UNK_MW-2	MZA	39–39	09/17/1997	<0.5	<0.5	<0.5	--
UNK_MW-3	SZA	19–19	09/17/1997	1.1	<0.5	<0.5	--
USG-MW-38M	UDZA	60–65	09/14/2004	<0.5	<0.5	<0.5	<0.5
USG-MW-38M	UDZA	60–65	08/13/2008	3.45	<0.5	<0.5	<0.5
USG-MW-44D	LDZA	92–92	11/11/2003	<1.0	<1.0	--	--
USG-MW-44M	UDZA	75–75	11/11/2003	<1.0	<1.0	--	--
			MCL	5.0	5.0	6.0	0.5

TABLE 2-2
SUMMARY OF MONITORING WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)

Notes:

µg/L: Micrograms per liter
bgs Below ground surface
ND: Non-deteect
J: Estimated value; analyte detected below the reporting limit
< 2.0: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
SZA: Shallow Zone Aquifer (SZA) 0-30 ft bgs
MZA: Middle Zone Aquifer (MZA) 30-60 ft bgs
UDZA: Upper Deep Zone Aquifer (UDZA) 60-80 ft bgs
LDZA: Lower Deep Zone Aquifer (LDZA) > 80 ft bgs
MCL: Maximum Contaminant Level

TABLE 2-3
SUMMARY OF SENTRY WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LBWC1-SW-1	LDZA	100–115	10/19/2021	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-1	LDZA	100–115	04/26/2022	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-1	LDZA	100–115	10/19/2022	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-1	LDZA	100–115	04/20/2023	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-2	LDZA	133–153	10/19/2021	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-2	LDZA	133–153	04/26/2022	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-2	LDZA	133–153	10/19/2022	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-2	LDZA	133–153	04/20/2023	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-3	LDZA	160–170	10/19/2021	<0.5	<0.5	<0.5	<0.5
LBWC1-SW-3	LDZA	160–170	04/26/2022	0.41	<0.5	<0.5	<0.5
LBWC1-SW-3	LDZA	160–170	10/19/2022	0.57	<0.5	<0.5	<0.5
LBWC1-SW-3	LDZA	160–170	04/20/2023	0.66	<0.5	<0.5	<0.5
LBWC5-SW-1	UDZA	70–85	10/19/2021	<0.5	<0.5	<0.5	<0.5
LBWC5-SW-1	UDZA	70–85	10/19/2021	<0.5	<0.5	<0.5	<0.5
LBWC5-SW-1	UDZA	70–85	04/27/2022	<0.5	<0.5	<0.5	<0.5
LBWC5-SW-1	UDZA	70–85	10/19/2022	0.51	<0.5	<0.5	<0.5
LBWC5-SW-1	UDZA	70–85	04/20/2023	1.2	<0.5	<0.5	<0.5
LBWC5-SW-2	LDZA	140–160	10/19/2021	140	3.3	5.8	<0.5
LBWC5-SW-2	LDZA	140–160	10/19/2021	130	3.5	5.4	<0.5
LBWC5-SW-2	LDZA	140–160	04/27/2022	160	3.8	6.3	<0.5
LBWC5-SW-2	LDZA	140–160	04/27/2022	160	3.8	6.2	<0.5
LBWC5-SW-2	LDZA	140–160	10/19/2022	200	4.9	7.7	<0.5
LBWC5-SW-2	LDZA	140–160	10/19/2022	210	4.6	7.3	<0.5
LBWC5-SW-2	LDZA	140–160	10/27/2022	160	3.4	7	<0.5
LBWC5-SW-2	LDZA	140–160	10/27/2022	140	4.5	5.9	<0.5
LBWC5-SW-2	LDZA	140–160	04/20/2023	160	3.3	5.8	<0.5
LBWC5-SW-2	LDZA	140–160	04/20/2023	160	3.5	5.9	<0.5
LBWC5-SW-2	LDZA	140–160	04/21/2023	150	3.8	5.8	<0.5
LBWC5-SW-2	LDZA	140–160	04/21/2023	170	3.2	6.2	<0.5
TKWC1-SW-1	LDZA	107–127	10/20/2021	99	<0.5	<0.5	<0.5
TKWC1-SW-1	LDZA	107–127	10/20/2021	81	<0.5	<0.5	<0.5
TKWC1-SW-1	LDZA	107–127	04/26/2022	120	--	--	--
TKWC1-SW-1	LDZA	107–127	04/26/2022	120	<0.5	<0.5	<0.5
TKWC1-SW-1	LDZA	107–127	10/19/2022	95	--	--	--
TKWC1-SW-1	LDZA	107–127	10/19/2022	110	<0.5	<0.5	<0.5
TKWC1-SW-1	LDZA	107–127	10/27/2022	150	<0.5	<0.5	<0.5
TKWC1-SW-1	LDZA	107–127	04/20/2023	140	--	--	--
TKWC1-SW-1	LDZA	107–127	04/20/2023	150	--	--	--
TKWC1-SW-1	LDZA	107–127	04/27/2023	150	--	--	--
TKWC1-SW-1	LDZA	107–127	04/27/2023	130	--	--	--
TKWC1-SW-2	LDZA	149–169	10/20/2021	<0.5	<0.5	<0.5	<0.5
TKWC1-SW-2	LDZA	149–169	04/26/2022	<0.5	<0.5	<0.5	<0.5
TKWC1-SW-2	LDZA	149–169	04/26/2022	<0.5	<0.5	<0.5	<0.5
TKWC1-SW-2	LDZA	149–169	10/19/2022	<0.5	<0.5	<0.5	<0.5
TKWC1-SW-2	LDZA	149–169	10/19/2022	<0.5	<0.5	<0.5	<0.5
TKWC1-SW-2	LDZA	149–169	04/20/2023	<0.5	<0.5	<0.5	<0.5
TKWC1-SW-2	LDZA	149–169	04/20/2023	<0.5	<0.5	<0.5	<0.5

TABLE 2-3
SUMMARY OF SENTRY WELL GROUNDWATER SAMPLING RESULTS – VOCS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC2-SW-1	LDZA	137–157	10/19/2021	43	0.69	0.88	<0.5
TKWC2-SW-1	LDZA	137–157	10/19/2021	30	0.61	0.84	<0.5
TKWC2-SW-1	LDZA	137–157	04/26/2022	40	0.73	1	<0.5
TKWC2-SW-1	LDZA	137–157	10/19/2022	36	0.39	0.48	<0.5
TKWC2-SW-1	LDZA	137–157	04/20/2023	50	0.73	1	<0.5
TKWC2-SW-2	LDZA	167–187	10/20/2021	21	0.69	0.91	<0.5
TKWC2-SW-2	LDZA	167–187	04/26/2022	34	0.79	1.2	<0.5
TKWC2-SW-2	LDZA	167–187	10/19/2022	41	0.84	1.1	<0.5
TKWC2-SW-2	LDZA	167–187	04/20/2023	48	0.97	1.4	<0.5
			MCL	5.0	5.0	6.0	0.5

Notes:

µg/L: Micrograms per liter
bgs Below ground surface
ND: Non-deteect
J: Estimated value; analyte detected below the reporting limit
< 2.0: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
SZA: Shallow Zone Aquifer (SZA) 0-30 ft bgs
MZA: Middle Zone Aquifer (MZA) 30-60 ft bgs
UDZA: Upper Deep Zone Aquifer (UDZA) 60-80 ft bgs
LDZA: Lower Deep Zone Aquifer (LDZA) > 80 ft bgs
MCL: Maximum Contaminant Level

TABLE 2-4
SUMMARY OF SCHOOL & COMMUNITY WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
2241 Lake Tahoe Blvd	MZA	52–78	07/28/2022	0.64 J	< 0.10	< 0.10	<0.12
675 Emerald Bay	Unknown	Unknown	08/27/2014	<0.5	<0.5	<0.5	<0.5
675 Emerald Bay	Unknown	Unknown	02/26/2018	<0.5	<0.5	<0.5	<0.5
675 Emerald Bay	Unknown	Unknown	10/23/2019	<0.5	<0.5	<0.5	<0.5
Crystal Range Motel	MZA	44–44	03/22/1999	2.9	<0.5	<0.5	<0.5
Old Stage	LDZA	120–120	03/22/1989	63	--	--	--
Old Stage	LDZA	120–120	05/25/1989	40	--	--	--
Rockwater	UDZA	70–99	08/27/2014	280	3.4	4.2	<0.5
Rockwater	UDZA	70–99	09/11/2014	280	4	4.6	<0.5
Rockwater	UDZA	70–99	03/03/2016	69	1.1	<0.5	<0.5
Rockwater	UDZA	70–99	07/06/2017	189	3.3	3.3	--
Rockwater	UDZA	70–99	10/26/2017	147	4	4	--
Tahoe Valley Elem	LDZA	86–146	04/19/1989	ND	ND	ND	ND
Tahoe Valley Elem	LDZA	86–146	03/23/1999	0.6	<0.5	<0.5	<0.5
Tahoe Valley Elem	LDZA	86–146	08/29/2003	1.8	<0.5	--	<1.0
Tahoe Valley Elem	LDZA	86–146	08/29/2003	1.4	<0.5	--	<1.0
Tahoe Valley Elem	LDZA	86–146	02/16/2006	<0.5	<0.5	<0.5	<1.0
Tahoe Valley Elem	LDZA	86–146	02/16/2006	<0.5	<0.5	<0.5	<1.0
Tahoe Valley Elem	LDZA	86–146	05/24/2007	0.72	<0.5	<0.5	<1.0
Tahoe Valley Elem	LDZA	86–146	05/24/2007	0.6	<0.5	<0.5	<1.0
Tahoe Valley Elem	LDZA	86–146	03/05/2013	1.5	ND	ND	ND
Tahoe Valley Elem	LDZA	86–146	12/29/2016	<0.5	<0.5	<0.5	--
Tahoe Valley Elem	LDZA	86–146	04/28/2017	<0.5	<0.5	<0.5	--
Tahoe Valley Elem	LDZA	86–146	10/23/2019	0.5	<0.5	<0.5	<0.5
			MCL	5.0	5.0	6.0	0.5

Notes:

µg/L: Micrograms per liter
bgs Below ground surface
ND: Non-deteect
J: Estimated value; analyte detected below the reporting limit
< 2.0: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
SZA: Shallow Zone Aquifer (SZA) 0-30 ft bgs
MZA: Middle Zone Aquifer (MZA) 30-60 ft bgs
UDZA: Upper Deep Zone Aquifer (UDZA) 60-80 ft bgs
LDZA: Lower Deep Zone Aquifer (LDZA) > 80 ft bgs
MCL: Maximum Contaminant Level

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Clement	MZA	40–120	04/18/1989	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	09/26/1989	0.51	<0.5	<0.5	<0.5
Clement	MZA	40–120	01/03/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/27/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/28/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/30/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/24/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/27/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/28/1990	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/11/1990	0.51	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/18/1990	1.6	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/22/1990	0.85	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/08/1990	1.8	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/12/1990	0.73	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/20/1990	0.56	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/25/1991	2.1	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/31/1991	1.9	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/28/1991	2.4	<0.5	<0.5	<0.5
Clement	MZA	40–120	09/24/1991	2.7	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/30/1991	2.9	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/20/1991	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	12/18/1991	5.3	<0.5	<0.5	<0.5
Clement	MZA	40–120	01/29/1992	7	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/26/1992	8.6	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/25/1992	11	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/22/1992	9.7	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/29/1992	24	<0.5	<0.5	<0.5
Clement	MZA	40–120	09/29/1992	29	<0.5	0.51	<0.5
Clement	MZA	40–120	01/12/1993	35	<0.5	0.55	<0.5
Clement	MZA	40–120	04/28/1993	42	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/13/1993	48	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/21/1993	64	0.6	1	<0.5
Clement	MZA	40–120	01/13/1994	76	0.6	1.5	<0.5
Clement	MZA	40–120	04/12/1994	63	0.6	1.1	<0.5
Clement	MZA	40–120	07/05/1994	59	0.8	1.7	<0.5
Clement	MZA	40–120	10/26/1994	91	1.3	2.5	<0.5
Clement	MZA	40–120	01/10/1995	99	0.9	2.3	<0.5
Clement	MZA	40–120	04/25/1995	55	0.8	1.6	<0.5
Clement	MZA	40–120	07/18/1995	66	1.6	3	<0.5
Clement	MZA	40–120	10/16/1995	150	<0.5	4.6	<0.5
Clement	MZA	40–120	01/09/1996	100	1.6	2.9	<0.5
Clement	MZA	40–120	04/16/1996	65	1.4	2.6	<0.5
Clement	MZA	40–120	06/11/1996	120	1.7	3.4	<0.5
Clement	MZA	40–120	07/17/1996	130	1.6	3	<0.5
Clement	MZA	40–120	10/17/1996	200	2.2	3.7	<0.5
Clement	MZA	40–120	01/22/1997	170	1.9	3.2	<0.5
Clement	MZA	40–120	04/16/1997	120	1.6	2.6	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Clement	MZA	40–120	07/22/1997	130	2.2	4.1	<0.5
Clement	MZA	40–120	09/16/1997	140	1.7	4.5	--
Clement	MZA	40–120	10/29/1997	150	1.7	3.4	<0.5
Clement	MZA	40–120	11/14/1997	1.1	<0.5	<0.5	--
Clement	MZA	40–120	11/14/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	11/14/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	12/03/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	12/03/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	12/03/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	12/03/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	12/03/1997	<0.5	<0.5	<0.5	--
Clement	MZA	40–120	01/07/1998	0.9	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/03/1998	0.7	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/09/1998	54	0.7	1.1	<0.5
Clement	MZA	40–120	04/08/1998	81	1.2	2.2	<0.5
Clement	MZA	40–120	05/18/1998	66	1.1	2.3	<0.5
Clement	MZA	40–120	06/23/1998	100	1.4	2.7	<0.5
Clement	MZA	40–120	07/13/1998	120	1.9	3.5	<0.5
Clement	MZA	40–120	08/10/1998	120	<0.5	3.5	<0.5
Clement	MZA	40–120	09/08/1998	144	2.17	3.77	<0.5
Clement	MZA	40–120	10/05/1998	110	1.7	3.4	<0.5
Clement	MZA	40–120	11/09/1998	120	1.7	2.9	<0.5
Clement	MZA	40–120	12/07/1998	110	1.7	2.9	<0.5
Clement	MZA	40–120	12/21/1998	120	2	2.7	<0.5
Clement	MZA	40–120	12/22/1998	94	1.7	3	<0.5
Clement	MZA	40–120	12/23/1998	88	1.6	2.6	<0.5
Clement	MZA	40–120	12/24/1998	88	1.6	2.7	<0.5
Clement	MZA	40–120	01/11/1999	110	1.7	2.7	<0.5
Clement	MZA	40–120	02/09/1999	1.3	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/11/1999	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/14/1999	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/12/1999	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/29/1999	0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/14/1999	0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/18/1999	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	09/23/1999	0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/21/1999	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/17/1999	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/23/2000	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/19/2000	0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	09/12/2000	0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/20/2000	1	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/22/2001	0.8	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/06/2001	0.9	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/15/2001	1.7	<0.5	<0.5	<0.5
Clement	MZA	40–120	09/19/2001	0.6	<0.5	<0.5	<0.5
Clement	MZA	40–120	10/17/2001	0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Clement	MZA	40–120	11/27/2001	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	12/12/2001	0.8	<0.5	<0.5	<0.5
Clement	MZA	40–120	01/23/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/14/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/27/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/10/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/29/2002	0.6	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/20/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/25/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/28/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/13/2002	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/04/2003	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/21/2003	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/20/2003	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/27/2004	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/26/2004	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/31/2004	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/18/2004	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/03/2005	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/26/2005	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/24/2005	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/17/2005	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/08/2006	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/24/2006	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/30/2006	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/15/2006	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/08/2007	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/23/2007	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/22/2007	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/19/2007	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/12/2008	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/09/2008	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/27/2008	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/20/2008	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/19/2008	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/18/2009	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/21/2009	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/19/2009	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/18/2009	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/17/2010	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/13/2010	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/18/2010	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/24/2010	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/28/2011	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/25/2011	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/17/2011	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/02/2011	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Clement	MZA	40–120	02/08/2012	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	04/04/2012	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/24/2012	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/21/2012	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/28/2012	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/28/2013	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/08/2013	0.7	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/14/2014	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/20/2014	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/24/2014	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/19/2015	0.9	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/13/2015	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/04/2015	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/19/2015	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/03/2016	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/19/2016	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/24/2016	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/16/2016	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/23/2017	0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	05/17/2017	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/09/2017	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	11/15/2017	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	02/07/2018	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/12/2018	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	08/22/2018	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	01/29/2019	0.36	<0.5	<0.5	<0.5
Clement	MZA	40–120	06/18/2019	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	07/10/2019	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	12/10/2019	<0.5	<0.5	<0.5	<0.5
Clement	MZA	40–120	03/24/2020	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	05/24/1989	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	08/23/1989	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	09/29/1992	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	06/22/1994	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	07/18/1995	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	06/11/1996	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	07/22/1997	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	06/23/1998	<0.5	<0.5	<0.5	<0.5
Industrial #1	LDZA	139–195	03/11/1999	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/18/1989	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/23/1989	0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/21/1989	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/16/1989	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/29/1992	0.86	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/27/1992	0.83	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/28/1992	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/12/1993	1.1	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Industrial #2	MZA	40–190	04/28/1993	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/13/1993	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/21/1993	0.7	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/13/1994	0.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/12/1994	0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/05/1994	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/26/1994	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/10/1995	0.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/25/1995	0.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/18/1995	1.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/10/1995	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/14/1995	1.3	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/19/1995	1.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/09/1996	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/16/1996	0.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/11/1996	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/17/1996	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/17/1996	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/22/1997	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/16/1997	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/22/1997	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/29/1997	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/07/1998	0.7	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	02/03/1998	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/09/1998	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/08/1998	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	05/18/1998	0.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/23/1998	0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/28/1998	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/10/1998	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/08/1998	1.03	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/05/1998	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	11/09/1998	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	12/07/1998	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/11/1999	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	02/09/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/11/1999	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/14/1999	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	05/12/1999	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/29/1999	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/14/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/17/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/23/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/20/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	11/17/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	12/08/1999	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/19/2000	0.7	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Industrial #2	MZA	40–190	02/16/2000	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/22/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/12/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	05/24/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/27/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/12/2000	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/09/2000	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/20/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/25/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	11/15/2000	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	12/20/2000	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/16/2001	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	02/14/2001	0.7	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/23/2001	0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/24/2001	0.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	05/22/2001	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/06/2001	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/11/2001	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/08/2001	0.8	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/19/2001	1.1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/17/2001	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	11/27/2001	0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	12/07/2001	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/16/2002	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	02/15/2002	0.7	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/07/2002	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	04/10/2002	0.7	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	05/29/2002	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/14/2002	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	07/16/2002	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	08/07/2002	0.9	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	10/16/2002	1.6	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	01/07/2003	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/20/2003	1	<0.5	<0.5	--
Industrial #2	MZA	40–190	04/17/2003	1.4	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/05/2003	1.2	<0.5	<0.5	--
Industrial #2	MZA	40–190	07/23/2003	1.3	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/30/2003	<0.5	<0.5	<0.5	--
Industrial #2	MZA	40–190	12/17/2003	<0.5	<0.5	<0.5	--
Industrial #2	MZA	40–190	03/17/2004	<0.5	<0.5	<0.5	--
Industrial #2	MZA	40–190	06/16/2004	<0.5	--	--	--
Industrial #2	MZA	40–190	09/14/2004	<0.5	--	--	--
Industrial #2	MZA	40–190	09/29/2005	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	12/14/2005	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/27/2006	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/27/2006	1	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/28/2006	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Industrial #2	MZA	40–190	12/06/2006	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/21/2007	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/21/2007	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	09/17/2007	1.2	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	12/13/2007	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	03/12/2008	<0.5	<0.5	<0.5	<0.5
Industrial #2	MZA	40–190	06/20/2008	<0.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/23/1989	6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/23/1989	2.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/22/1989	8.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/27/1990	6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/28/1990	5.38	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/30/1990	5.49	<0.5	<0.5	<0.5
Julie	UDZA	65–125	05/29/1990	4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/27/1990	5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/28/1990	4.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/17/1990	6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/24/1990	5.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/11/1990	7.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/23/1991	3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/28/1991	4.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/27/1991	3.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/24/1991	4.6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	05/29/1991	5.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/26/1991	4.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/31/1991	4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/28/1991	4.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/23/1991	3.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/30/1991	6.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/20/1991	3.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	12/18/1991	7.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/29/1992	5.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/26/1992	5.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/25/1992	5.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/22/1992	4.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/29/1992	6.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/29/1992	6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/12/1993	8.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/28/1993	4.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/13/1993	3.6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/21/1993	3.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/13/1994	2.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/12/1994	3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/05/1994	3.6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/26/1994	3.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/10/1995	5.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/25/1995	5.1	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Julie	UDZA	65–125	07/18/1995	3.6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/19/1995	4.1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/09/1996	2.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/16/1996	2.6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/11/1996	2.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/17/1996	2.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/17/1996	2.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/22/1997	3.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/16/1997	2.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/22/1997	2.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/29/1997	2.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/20/1998	2.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/08/1998	1.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/23/1998	1.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/28/1998	2.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/08/1998	1.88	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/17/1999	1.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/14/1999	1.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/29/1999	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/14/1999	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/18/1999	1.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/23/1999	1.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/20/1999	2.7	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/23/2000	1.6	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/27/2000	1.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/12/2000	1.1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/30/2000	1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/22/2001	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/06/2001	1.1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/15/2001	1.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	09/19/2001	1.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	10/17/2001	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/27/2001	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	12/12/2001	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	01/23/2002	1.5	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/14/2002	1.4	<0.5	<0.5	<0.5
Julie	UDZA	65–125	03/28/2002	1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	04/10/2002	1.1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	05/29/2002	1.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	06/20/2002	0.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	07/25/2002	1.3	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/28/2002	0.9	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/15/2002	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/04/2003	1.2	<0.5	<0.5	<0.5
Julie	UDZA	65–125	05/21/2003	1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/20/2003	1.1	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/25/2004	1.3	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Julie	UDZA	65–125	05/26/2004	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/31/2004	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/18/2004	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/03/2005	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	05/26/2005	0.93	<0.5	<0.5	<0.5
Julie	UDZA	65–125	08/24/2005	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	11/17/2005	0.8	<0.5	<0.5	<0.5
Julie	UDZA	65–125	02/08/2006	0.6	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	09/14/1989	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	12/01/1989	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	01/13/1995	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	06/03/2002	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	11/16/2005	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	04/20/2009	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	10/22/2009	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	01/26/2010	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	04/19/2010	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	01/18/2011	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	04/11/2011	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	06/16/2014	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	04/16/2015	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	04/11/2017	<0.5	<0.5	<0.5	--
LBWC #1	LDZA	132–182	08/27/2019	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	12/10/2019	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	03/19/2020	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	04/09/2020	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	07/14/2020	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	11/09/2020	<0.5	<0.5	<0.5	<0.5
LBWC #1	LDZA	132–182	03/08/2021	<0.5	--	--	--
LBWC #1	LDZA	132–182	07/12/2021	<0.5	--	--	--
LBWC #1	LDZA	132–182	03/08/2023	<0.5	--	--	--
LBWC #1	LDZA	132–182	06/13/2023	<0.5	--	--	--
LBWC #1	LDZA	132–182	12/01/2025	<0.5	--	--	--
LBWC #2	LDZA	132–156	09/14/1989	<0.5	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	12/01/1989	<0.5	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	01/13/1995	<0.5	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	06/03/2002	<0.5	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	11/16/2005	0.99	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	04/20/2009	3.8	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	10/22/2009	3.4	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	01/26/2010	4	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	04/19/2010	5	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	01/18/2011	3.7	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	04/11/2011	1.4	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	06/16/2014	46	0.72	1.1	<0.5
LBWC #2	LDZA	132–156	07/07/2014	30	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	07/07/2014	22	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LBWC #2	LDZA	132–156	12/07/2016	0.6	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	03/16/2017	0.8	<0.5	<0.5	<0.5
LBWC #2	LDZA	132–156	10/26/2017	3.6	<0.5	<0.5	<0.5
LBWC #3	MZA	40–80	09/14/1989	19.9	--	--	--
LBWC #3	MZA	40–80	09/25/1989	41	--	--	--
LBWC #3	MZA	40–80	10/02/1989	79	--	--	--
LBWC #3	MZA	40–80	01/01/1998	21	--	--	--
LBWC #3	MZA	40–80	03/18/2003	0.82	--	--	--
LBWC #3	MZA	40–80	06/18/2003	0.5	--	--	--
LBWC #3	MZA	40–80	10/09/2003	1.4	--	--	--
LBWC #3	MZA	40–80	01/07/2004	3.2	--	--	--
LBWC #3	MZA	40–80	04/05/2004	0.8	--	--	--
LBWC #3	MZA	40–80	10/04/2004	2.4 J	--	--	--
LBWC #3	MZA	40–80	12/20/2004	5 J	--	--	--
LBWC #4	MZA	43–174	09/14/1989	4.84	--	--	--
LBWC #4	MZA	43–174	09/25/1989	4.01	--	--	--
LBWC #4	MZA	43–174	10/02/1989	11	--	--	--
LBWC #4	MZA	43–174	10/26/2017	42.5	1.1	0.6	--
LBWC #4	UDZA	65–65	03/03/2016	8.6	<0.5	<0.5	<0.5
LBWC #4	UDZA	68–68	03/29/2016	52.3	1.1	0.8	<0.5
LBWC #4	UDZA	72–72	03/29/2016	55.1	1	0.8	<0.5
LBWC #4	UDZA	70–75	12/07/2016	12.9	<0.5	<0.5	--
LBWC #4	UDZA	70–75	03/16/2017	9	<0.5	<0.5	--
LBWC #4	LDZA	107–107	03/03/2016	39	0.9	0.7	<0.5
LBWC #4	LDZA	85–85	03/03/2016	34	<0.5	<0.5	<0.5
LBWC #4	LDZA	110–110	03/29/2016	52.4	1	0.7	<0.5
LBWC #4	LDZA	82–82	03/29/2016	47	1	0.7	<0.5
LBWC #4	LDZA	125–130	12/07/2016	39.8	0.8	0.5	--
LBWC #4	LDZA	125–130	03/16/2017	26.7	0.8	0.5	--
LBWC #5	LDZA	141-180	09/14/1989	<0.5	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	12/01/1989	<0.5	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	01/13/1995	<0.5	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	06/03/2002	<0.5	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	11/16/2005	1.5	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	04/20/2009	1.8	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	10/22/2009	3.4	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	04/19/2010	4.9	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	01/18/2011	3.2	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	04/11/2011	2.2	<0.5	<0.5	<0.5
LBWC #5	LDZA	141-180	06/16/2014	43	0.69	1.1	<0.5
LBWC #5	LDZA	141-180	06/16/2014	53	--	--	--
LBWC #5	LDZA	141-180	07/07/2014	16	--	--	--
LBWC #5	LDZA	141-180	07/07/2014	16	--	--	--
LBWC #5	LDZA	141-180	10/26/2017	67	--	--	--
LBWC #5	LDZA	141-180	06/05/2018	56	--	--	--
LBWC #5	LDZA	141-180	06/18/2018	60	--	--	--
LBWC #5	LDZA	141-180	07/10/2020	64	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LBWC #5	LDZA	141-180	04/22/2021	69	<0.5	1.9	<0.5
LBWC #5	LDZA	141-180	06/09/2021	56.9	<0.5	3.2	<0.5
LBWC #5	LDZA	141-180	07/12/2021	60	1.5	2.4	<0.5
LBWC #5	LDZA	141-180	10/04/2021	42.2	1.2	2	<0.5
LBWC #5	LDZA	141-180	11/08/2021	56.1	1.5	2.7	<0.5
LBWC #5	LDZA	141-180	12/15/2021	41.6	1	1.8	<0.5
LBWC #5	LDZA	141-180	04/12/2022	53	1.4	2	<0.5
LBWC #5	LDZA	141-180	05/10/2022	71	1.4	2.2	<0.5
LBWC #5	LDZA	141-180	06/06/2022	41.1	1.3	2.4	<0.5
LBWC #5	LDZA	141-180	06/27/2022	57	1.4	2	<0.5
LBWC #5	LDZA	141-180	09/28/2022	50	1.4	1.9	<0.5
LBWC #5	LDZA	141-180	12/14/2022	63	1.6	2.3	<0.5
LBWC #5	LDZA	141-180	06/13/2023	72	1.3	2.1	<0.5
LBWC #5	LDZA	141-180	09/05/2023	73	1.7	2.5	<0.5
LBWC #5	LDZA	141-180	10/10/2023	66	1.2	1.7	<0.5
LBWC #5	LDZA	141-180	12/05/2023	58	1.2	1.8	<0.5
LBWC #5	LDZA	141-180	03/12/2024	68	1.1	1.8	<0.5
LBWC #5	LDZA	141-180	04/08/2024	76	1.5	2.3	<0.5
LBWC #5	LDZA	141-180	05/07/2024	58	1.4	2.1	<0.5
LBWC #5	LDZA	141-180	08/12/2024	67	1.1	1.8	<0.5
LBWC #5	LDZA	141-180	09/10/2024	82	1.6	2.2	<0.5
LBWC #5	LDZA	141-180	10/15/2024	60	1.1	1.6	<0.5
LBWC #5	LDZA	141-180	11/12/2024	60	1.2	1.7	<0.5
LBWC #5	LDZA	141-180	01/07/2025	61	1.3	1.9	<0.5
LBWC #5	LDZA	141-180	02/11/2025	65	1.3	2	<0.5
LBWC #5	LDZA	141-180	03/11/2025	65	1.3	1.9	<0.5
LBWC #5	LDZA	141-180	04/08/2025	62	1.3	1.9	<0.5
LBWC #5	LDZA	141-180	05/06/2025	52	1.2	1.8	<0.5
LBWC #5	LDZA	141-180	06/09/2025	52	1.3	1.8	<0.5
LBWC #5	LDZA	141-180	07/07/2025	54	1.2	1.9	<0.5
LBWC #5	LDZA	141-180	08/11/2025	55	0.99	1.5	<0.5
LBWC #5	LDZA	141-180	09/08/2025	53	0.96	1.5	<0.5
LBWC #5	LDZA	141-180	10/07/2025	55	0.98	1.7	<0.5
LBWC #5	LDZA	141-180	11/10/2025	60	1.1	1.7	<0.5
LBWC #5	LDZA	141-180	12/01/2025	57	1.5	2.1	<0.5
LBWC #5	LDZA	141-180	01/12/2026	57	1.3	1.9	<0.5
South Y	LDZA	190–260	04/18/1989	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/23/1989	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	09/29/1992	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	07/27/1994	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	07/18/1995	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/27/1996	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	07/22/1997	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	06/23/1998	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	03/11/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	04/14/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	05/18/1999	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
South Y	LDZA	190–260	06/29/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	07/14/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/18/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	09/23/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	10/20/1999	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	03/23/2000	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	06/27/2000	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	09/12/2000	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	11/30/2000	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	03/22/2001	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	06/06/2001	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/15/2001	0.6	<0.5	<0.5	<0.5
South Y	LDZA	190–260	09/19/2001	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	10/18/2001	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	11/27/2001	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	12/12/2001	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	02/14/2002	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	03/28/2002	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	04/11/2002	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	05/30/2002	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	07/25/2002	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/28/2002	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/20/2003	<0.5	<0.5	<0.5	<0.5
South Y	LDZA	190–260	08/31/2004	<0.5	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	08/28/1989	<0.5	--	--	--
TKWC #1	LDZA	125-312	08/28/1989	--	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	10/25/1989	<0.5	--	--	--
TKWC #1	LDZA	125-312	10/25/1989	--	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	12/12/1996	0.65	--	--	--
TKWC #1	LDZA	125-312	12/12/1996	--	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	07/23/1997	<0.5	--	--	--
TKWC #1	LDZA	125-312	07/23/1997	--	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	08/11/2002	0.6	--	--	--
TKWC #1	LDZA	125-312	07/26/2005	<0.5	--	--	--
TKWC #1	LDZA	125-312	07/26/2005	--	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	10/04/2005	<0.5	--	--	--
TKWC #1	LDZA	125-312	10/04/2005	--	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	01/29/2014	<0.5	--	--	--
TKWC #1	LDZA	125-312	08/26/2014	<0.5	--	--	--
TKWC #1	LDZA	125-312	06/22/2016	3.3	--	--	--
TKWC #1	LDZA	125-312	06/28/2016	2.2	--	--	--
TKWC #1	LDZA	125-312	07/21/2016	1.6	--	--	--
TKWC #1	LDZA	125-312	08/02/2016	2.4	--	--	--
TKWC #1	LDZA	125-312	08/18/2016	2.3	--	--	--
TKWC #1	LDZA	125-312	08/30/2016	2.3	--	--	--
TKWC #1	LDZA	125-312	09/06/2016	2.4	--	--	--
TKWC #1	LDZA	125-312	09/13/2016	2	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #1	LDZA	125-312	09/20/2016	2	--	--	--
TKWC #1	LDZA	125-312	11/29/2016	4	--	--	--
TKWC #1	LDZA	125-312	12/13/2016	2.3	--	--	--
TKWC #1	LDZA	125-312	01/10/2017	2.6	--	--	--
TKWC #1	LDZA	125-312	02/28/2017	2.5	--	--	--
TKWC #1	LDZA	125-312	03/28/2017	1.8	--	--	--
TKWC #1	LDZA	125-312	04/25/2017	1.9	--	--	--
TKWC #1	LDZA	125-312	05/30/2017	2.5	--	--	--
TKWC #1	LDZA	125-312	06/20/2017	2.5	--	--	--
TKWC #1	LDZA	125-312	07/18/2017	2.8	--	--	--
TKWC #1	LDZA	125-312	08/15/2017	2.2	--	--	--
TKWC #1	LDZA	125-312	09/12/2017	2.2	--	--	--
TKWC #1	LDZA	125-312	09/24/2017	2.1	--	--	--
TKWC #1	LDZA	125-312	12/12/2017	3.6	--	--	--
TKWC #1	LDZA	125-312	05/27/2018	2.5	--	--	--
TKWC #1	LDZA	125-312	07/10/2018	2.4	--	--	--
TKWC #1	LDZA	125-312	09/11/2018	1.6	--	--	--
TKWC #1	LDZA	125-312	10/30/2018	<0.5	--	--	--
TKWC #1	LDZA	125-312	12/18/2018	2.3	--	--	--
TKWC #1	LDZA	125-312	01/22/2019	2.1	--	--	--
TKWC #1	LDZA	125-312	02/12/2019	1.1	--	--	--
TKWC #1	LDZA	125-312	03/21/2019	0.65	--	--	--
TKWC #1	LDZA	125-312	04/23/2019	0.57	--	--	--
TKWC #1	LDZA	125-312	05/21/2019	1.1	--	--	--
TKWC #1	LDZA	125-312	06/25/2019	2.3	--	--	--
TKWC #1	LDZA	125-312	08/20/2019	2.5	--	--	--
TKWC #1	LDZA	125-312	01/14/2020	2.2	--	--	--
TKWC #1	LDZA	125-312	03/03/2020	1.2	--	--	--
TKWC #1	LDZA	125-312	05/12/2020	1.5	--	--	--
TKWC #1	LDZA	125-312	07/07/2020	2.6	--	--	--
TKWC #1	LDZA	125-312	08/04/2020	2.5	--	--	--
TKWC #1	LDZA	125-312	09/01/2020	2.5	--	--	--
TKWC #1	LDZA	125-312	09/15/2020	3.6	--	--	--
TKWC #1	LDZA	125-312	10/06/2020	3.4	--	--	--
TKWC #1	LDZA	125-312	01/12/2021	2.2	--	--	--
TKWC #1	LDZA	125-312	01/12/2021	2.1	--	--	--
TKWC #1	LDZA	125-312	02/16/2021	2.4	--	--	--
TKWC #1	LDZA	125-312	02/23/2021	2.6	--	--	--
TKWC #1	LDZA	125-312	08/10/2021	2.5	--	--	--
TKWC #1	LDZA	125-312	08/17/2021	2.2	--	--	--
TKWC #1	LDZA	125-312	10/12/2021	2	--	--	--
TKWC #1	LDZA	125-312	10/19/2021	2.8	--	--	--
TKWC #1	LDZA	125-312	02/08/2022	2.6	--	--	--
TKWC #1	LDZA	125-312	02/16/2022	2.4	<0.5	<0.5	<0.3
TKWC #1	LDZA	125-312	03/08/2022	2.6	--	--	--
TKWC #1	LDZA	125-312	04/12/2022	2.7	--	--	--
TKWC #1	LDZA	125-312	05/17/2022	2	--	--	--

TABLE 2-5
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South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #1	LDZA	125-312	06/07/2022	3	--	--	--
TKWC #1	LDZA	125-312	08/23/2022	3.4	--	--	--
TKWC #1	LDZA	125-312	09/13/2022	2.8	--	--	--
TKWC #1	LDZA	125-312	10/11/2022	3.1	--	--	--
TKWC #1	LDZA	125-312	11/09/2022	2.4	--	--	--
TKWC #1	LDZA	125-312	12/30/2022	4.9	--	--	--
TKWC #1	LDZA	125-312	01/11/2023	1.5	--	--	--
TKWC #1	LDZA	125-312	02/07/2023	3.1	--	--	--
TKWC #1	LDZA	125-312	03/21/2023	3.3	--	--	--
TKWC #1	LDZA	125-312	04/11/2023	1.2	--	--	--
TKWC #1	LDZA	125-312	05/09/2023	1.5	--	--	--
TKWC #1	LDZA	125-312	06/13/2023	2.8	--	--	--
TKWC #1	LDZA	125-312	07/11/2023	3.1	--	--	--
TKWC #1	LDZA	125-312	08/08/2023	3.3	--	--	--
TKWC #1	LDZA	125-312	09/12/2023	3.6	--	--	--
TKWC #1	LDZA	125-312	10/12/2023	3.8	--	--	--
TKWC #1	LDZA	125-312	11/14/2023	1.8	--	--	--
TKWC #1	LDZA	125-312	12/12/2023	4	--	--	--
TKWC #1	LDZA	125-312	01/09/2024	2.4	<0.5	<0.5	<0.5
TKWC #1	LDZA	125-312	02/06/2024	2.2	--	--	--
TKWC #1	LDZA	125-312	03/05/2024	1.8	--	--	--
TKWC #1	LDZA	125-312	04/02/2024	1.7	--	--	--
TKWC #1	LDZA	125-312	05/07/2024	3.8	--	--	--
TKWC #1	LDZA	125-312	06/04/2024	3.9	--	--	--
TKWC #1	LDZA	125-312	07/02/2024	8.9	--	--	--
TKWC #1	LDZA	125-312	08/06/2024	2.8	--	--	--
TKWC #1	LDZA	125-312	09/03/2024	3	--	--	--
TKWC #1	LDZA	125-312	10/01/2024	3	--	--	--
TKWC #1	LDZA	125-312	11/05/2024	2.5	--	--	--
TKWC #1	LDZA	125-312	12/03/2024	2.3	--	--	--
TKWC #1	LDZA	125-312	01/14/2025	2.2	--	--	--
TKWC #1	LDZA	125-312	02/04/2025	4.1	--	--	--
TKWC #1	LDZA	125-312	03/04/2025	3.3	--	--	--
TKWC #1	LDZA	125-312	04/01/2025	3.6	--	--	--
TKWC #1	LDZA	125-312	05/06/2025	3.2	--	--	--
TKWC #1	LDZA	125-312	06/03/2025	3.3	--	--	--
TKWC #1	LDZA	125-312	07/01/2025	3.2	--	--	--
TKWC #1	LDZA	125-312	08/05/2025	3	--	--	--
TKWC #1	LDZA	125-312	09/02/2025	2.8	--	--	--
TKWC #1	LDZA	125-312	10/07/2025	2.9	--	--	--
TKWC #1	LDZA	125-312	11/04/2025	1.7	--	--	--
TKWC #1	LDZA	125-312	12/02/2025	1.8	--	--	--
TKWC #2	LDZA	138-491	08/28/1989	<0.5	--	--	--
TKWC #2	LDZA	138-491	10/25/1989	<0.5	--	--	--
TKWC #2	LDZA	138-491	06/30/1990	0.8	--	--	--
TKWC #2	LDZA	138-491	12/12/1996	0.93	--	--	--
TKWC #2	LDZA	138-491	07/23/1997	2.6	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #2	LDZA	138-491	08/11/2002	17	--	--	--
TKWC #2	LDZA	138-491	07/26/2005	5.8	--	--	--
TKWC #2	LDZA	138-491	10/04/2005	0.7	--	--	--
TKWC #2	LDZA	138-491	08/01/2007	19.5	--	--	--
TKWC #2	LDZA	138-491	06/03/2008	12	--	--	--
TKWC #2	LDZA	138-491	09/30/2008	9.7	--	--	--
TKWC #2	LDZA	138-491	10/07/2008	6	--	--	--
TKWC #2	LDZA	138-491	12/23/2008	0.7	--	--	--
TKWC #2	LDZA	138-491	12/31/2008	8.9	--	--	--
TKWC #2	LDZA	138-491	01/06/2009	14.1	--	--	--
TKWC #2	LDZA	138-491	03/03/2009	13.8	--	--	--
TKWC #2	LDZA	138-491	03/30/2009	13.7	--	--	--
TKWC #2	LDZA	138-491	04/07/2009	15	--	--	--
TKWC #2	LDZA	138-491	05/07/2009	11	--	--	--
TKWC #2	LDZA	138-491	05/07/2009	11	--	--	--
TKWC #2	LDZA	138-491	05/08/2009	12	--	--	--
TKWC #2	LDZA	138-491	05/08/2009	11	--	--	--
TKWC #2	LDZA	138-491	08/17/2010	19	--	--	--
TKWC #2	LDZA	138-491	08/06/2013	14	--	--	--
TKWC #2	LDZA	138-491	08/27/2013	8.7	--	--	--
TKWC #2	LDZA	138-491	09/17/2013	10	--	--	--
TKWC #2	LDZA	138-491	09/24/2013	11	--	--	--
TKWC #2	LDZA	138-491	10/01/2013	11	--	--	--
TKWC #2	LDZA	138-491	10/15/2013	13	--	--	--
TKWC #2	LDZA	138-491	05/20/2014	11	--	--	--
TKWC #2	LDZA	138-491	05/27/2014	18	--	--	--
TKWC #2	LDZA	138-491	06/03/2014	13	--	--	--
TKWC #2	LDZA	138-491	06/10/2014	12	--	--	--
TKWC #2	LDZA	138-491	06/17/2014	17	--	--	--
TKWC #2	LDZA	138-491	06/24/2014	13	--	--	--
TKWC #2	LDZA	138-491	07/01/2014	10	--	--	--
TKWC #2	LDZA	138-491	07/08/2014	12	--	--	--
TKWC #2	LDZA	138-491	07/15/2014	11	--	--	--
TKWC #2	LDZA	138-491	07/22/2014	14	--	--	--
TKWC #2	LDZA	138-491	07/29/2014	9.7	--	--	--
TKWC #2	LDZA	138-491	08/12/2014	12	--	--	--
TKWC #2	LDZA	138-491	08/18/2014	9.2	--	--	--
TKWC #2	LDZA	138-491	08/19/2014	11	--	--	--
TKWC #2	LDZA	138-491	08/22/2014	12	--	--	--
TKWC #2	LDZA	138-491	08/26/2014	14	--	--	--
TKWC #2	LDZA	138-491	09/02/2014	16	--	--	--
TKWC #2	LDZA	138-491	09/04/2014	14	--	--	--
TKWC #2	LDZA	138-491	09/09/2014	11	--	--	--
TKWC #2	LDZA	138-491	09/16/2014	13	--	--	--
TKWC #2	LDZA	138-491	09/23/2014	15	--	--	--
TKWC #2	LDZA	138-491	09/30/2014	12	--	--	--
TKWC #2	LDZA	138-491	10/07/2014	10	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #2	LDZA	138-491	10/14/2014	12	--	--	--
TKWC #2	LDZA	138-491	10/21/2014	13	--	--	--
TKWC #2	LDZA	138-491	07/15/2015	18	--	--	--
TKWC #2	LDZA	138-491	07/21/2015	16	--	--	--
TKWC #2	LDZA	138-491	07/28/2015	22	--	--	--
TKWC #2	LDZA	138-491	08/04/2015	13	--	--	--
TKWC #2	LDZA	138-491	08/11/2015	12	--	--	--
TKWC #2	LDZA	138-491	08/18/2015	14	--	--	--
TKWC #2	LDZA	138-491	09/01/2015	11	--	--	--
TKWC #2	LDZA	138-491	09/08/2015	12	--	--	--
TKWC #2	LDZA	138-491	09/15/2015	10	--	--	--
TKWC #2	LDZA	138-491	09/22/2015	12	--	--	--
TKWC #2	LDZA	138-491	09/29/2015	13	--	--	--
TKWC #2	LDZA	138-491	10/06/2015	12	--	--	--
TKWC #2	LDZA	138-491	10/13/2015	9.6	--	--	--
TKWC #2	LDZA	138-491	10/20/2015	10	--	--	--
TKWC #2	LDZA	138-491	06/22/2016	18	--	--	--
TKWC #2	LDZA	138-491	06/28/2016	17	--	--	--
TKWC #2	LDZA	138-491	06/28/2016	18	--	--	--
TKWC #2	LDZA	138-491	06/28/2016	17	--	--	--
TKWC #2	LDZA	138-491	07/21/2016	17	--	--	--
TKWC #2	LDZA	138-491	08/02/2016	19	--	--	--
TKWC #2	LDZA	138-491	08/16/2016	22	--	--	--
TKWC #2	LDZA	138-491	08/18/2016	16	--	--	--
TKWC #2	LDZA	138-491	08/23/2016	16	--	--	--
TKWC #2	LDZA	138-491	08/30/2016	19	--	--	--
TKWC #2	LDZA	138-491	09/06/2016	24	--	--	--
TKWC #2	LDZA	138-491	09/13/2016	18	--	--	--
TKWC #2	LDZA	138-491	09/27/2016	17	--	--	--
TKWC #2	LDZA	138-491	10/25/2016	16	--	--	--
TKWC #2	LDZA	138-491	11/08/2016	20	--	--	--
TKWC #2	LDZA	138-491	11/15/2016	19	--	--	--
TKWC #2	LDZA	138-491	11/29/2016	22	--	--	--
TKWC #2	LDZA	138-491	12/06/2016	17	--	--	--
TKWC #2	LDZA	138-491	12/13/2016	20	--	--	--
TKWC #2	LDZA	138-491	12/20/2016	16	--	--	--
TKWC #2	LDZA	138-491	12/27/2016	18	--	--	--
TKWC #2	LDZA	138-491	01/03/2017	16	--	--	--
TKWC #2	LDZA	138-491	01/10/2017	18	--	--	--
TKWC #2	LDZA	138-491	01/17/2017	20	--	--	--
TKWC #2	LDZA	138-491	01/24/2017	18	--	--	--
TKWC #2	LDZA	138-491	01/31/2017	20	--	--	--
TKWC #2	LDZA	138-491	02/07/2017	21	--	--	--
TKWC #2	LDZA	138-491	02/14/2017	16	--	--	--
TKWC #2	LDZA	138-491	02/28/2017	14	--	--	--
TKWC #2	LDZA	138-491	03/07/2017	16	--	--	--
TKWC #2	LDZA	138-491	03/14/2017	19	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #2	LDZA	138-491	03/21/2017	26	--	--	--
TKWC #2	LDZA	138-491	03/28/2017	18	--	--	--
TKWC #2	LDZA	138-491	04/04/2017	16	--	--	--
TKWC #2	LDZA	138-491	04/11/2017	18	--	--	--
TKWC #2	LDZA	138-491	04/18/2017	19	--	--	--
TKWC #2	LDZA	138-491	04/25/2017	15	--	--	--
TKWC #2	LDZA	138-491	05/02/2017	18	--	--	--
TKWC #2	LDZA	138-491	05/09/2017	14	--	--	--
TKWC #2	LDZA	138-491	05/16/2017	19	--	--	--
TKWC #2	LDZA	138-491	05/23/2017	13	--	--	--
TKWC #2	LDZA	138-491	05/30/2017	12	--	--	--
TKWC #2	LDZA	138-491	06/06/2017	21	--	--	--
TKWC #2	LDZA	138-491	06/13/2017	13	--	--	--
TKWC #2	LDZA	138-491	06/20/2017	13	--	--	--
TKWC #2	LDZA	138-491	06/27/2017	13	--	--	--
TKWC #2	LDZA	138-491	07/05/2017	16	--	--	--
TKWC #2	LDZA	138-491	07/11/2017	11	--	--	--
TKWC #2	LDZA	138-491	07/18/2017	20	--	--	--
TKWC #2	LDZA	138-491	07/25/2017	17	--	--	--
TKWC #2	LDZA	138-491	07/27/2017	17	--	--	--
TKWC #2	LDZA	138-491	08/01/2017	14	--	--	--
TKWC #2	LDZA	138-491	08/04/2017	14	--	--	--
TKWC #2	LDZA	138-491	08/08/2017	14	--	--	--
TKWC #2	LDZA	138-491	08/08/2017	13	--	--	--
TKWC #2	LDZA	138-491	08/12/2017	12	--	--	--
TKWC #2	LDZA	138-491	08/22/2017	12	--	--	--
TKWC #2	LDZA	138-491	08/31/2017	10	--	--	--
TKWC #2	LDZA	138-491	09/05/2017	12	--	--	--
TKWC #2	LDZA	138-491	09/12/2017	14	--	--	--
TKWC #2	LDZA	138-491	09/19/2017	12	--	--	--
TKWC #2	LDZA	138-491	09/26/2017	11	--	--	--
TKWC #2	LDZA	138-491	10/03/2017	16	--	--	--
TKWC #2	LDZA	138-491	10/12/2017	13	--	--	--
TKWC #2	LDZA	138-491	10/17/2017	14	--	--	--
TKWC #2	LDZA	138-491	10/24/2017	16	--	--	--
TKWC #2	LDZA	138-491	10/31/2017	16	--	--	--
TKWC #2	LDZA	138-491	11/07/2017	22	--	--	--
TKWC #2	LDZA	138-491	11/14/2017	22	--	--	--
TKWC #2	LDZA	138-491	11/21/2017	17	--	--	--
TKWC #2	LDZA	138-491	05/15/2018	18	--	--	--
TKWC #2	LDZA	138-491	05/27/2018	18	--	--	--
TKWC #2	LDZA	138-491	06/05/2018	19	--	--	--
TKWC #2	LDZA	138-491	06/07/2018	19	--	--	--
TKWC #2	LDZA	138-491	06/17/2018	19	--	--	--
TKWC #2	LDZA	138-491	07/05/2018	24	--	--	--
TKWC #2	LDZA	138-491	07/10/2018	<0.5	--	--	--
TKWC #2	LDZA	138-491	07/19/2018	0.72	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #2	LDZA	138-491	07/24/2018	0.9	--	--	--
TKWC #2	LDZA	138-491	08/02/2018	0.79	--	--	--
TKWC #2	LDZA	138-491	08/07/2018	15	--	--	--
TKWC #2	LDZA	138-491	08/09/2018	15	--	--	--
TKWC #2	LDZA	138-491	08/14/2018	0.84	--	--	--
TKWC #2	LDZA	138-491	08/29/2018	1.2	--	--	--
TKWC #2	LDZA	138-491	09/06/2018	14	--	--	--
TKWC #2	LDZA	138-491	09/11/2018	1.6	--	--	--
TKWC #2	LDZA	138-491	09/18/2018	1.6	--	--	--
TKWC #2	LDZA	138-491	09/25/2018	1.5	--	--	--
TKWC #2	LDZA	138-491	10/02/2018	14	--	--	--
TKWC #2	LDZA	138-491	11/27/2018	22	--	--	--
TKWC #2	LDZA	138-491	12/11/2018	20	--	--	--
TKWC #2	LDZA	138-491	01/08/2019	19	--	--	--
TKWC #2	LDZA	138-491	05/09/2019	20	--	--	--
TKWC #2	LDZA	138-491	06/04/2019	21	--	--	--
TKWC #2	LDZA	138-491	07/02/2019	15	--	--	--
TKWC #2	LDZA	138-491	07/16/2019	14	--	--	--
TKWC #2	LDZA	138-491	07/23/2019	<0.5	--	--	--
TKWC #2	LDZA	138-491	07/30/2019	0.75	--	--	--
TKWC #2	LDZA	138-491	01/08/2020	18	--	--	--
TKWC #2	LDZA	138-491	01/23/2020	28	--	--	--
TKWC #2	LDZA	138-491	01/31/2020	24	--	--	--
TKWC #2	LDZA	138-491	05/12/2020	31	--	--	--
TKWC #2	LDZA	138-491	06/02/2020	26	--	--	--
TKWC #2	LDZA	138-491	07/07/2020	20	--	--	--
TKWC #2	LDZA	138-491	08/04/2020	11	--	--	--
TKWC #2	LDZA	138-491	09/01/2020	18	--	--	--
TKWC #2	LDZA	138-491	10/06/2020	18	--	--	--
TKWC #2	LDZA	138-491	02/16/2022	24	--	--	--
TKWC #2	LDZA	138-491	05/06/2022	25	--	--	--
TKWC #2	LDZA	138-491	06/07/2022	35	--	--	--
TKWC #2	LDZA	138-491	07/05/2022	35	--	--	--
TKWC #2	LDZA	138-491	08/23/2022	34	--	--	--
TKWC #2	LDZA	138-491	09/13/2022	25	--	--	--
TKWC #2	LDZA	138-491	10/11/2022	29	--	--	--
TKWC #2	LDZA	138-491	11/09/2022	30	--	--	--
TKWC #2	LDZA	138-491	11/18/2022	<0.5	--	--	--
TKWC #2	LDZA	138-491	12/30/2022	33	--	--	--
TKWC #2	LDZA	138-491	01/11/2023	29	--	--	--
TKWC #2	LDZA	138-491	01/24/2023	29	--	--	--
TKWC #2	LDZA	138-491	02/07/2023	28	--	--	--
TKWC #2	LDZA	138-491	02/21/2023	<0.5	--	--	--
TKWC #2	LDZA	138-491	03/21/2023	27	--	--	--
TKWC #2	LDZA	138-491	05/23/2023	28	--	--	--
TKWC #2	LDZA	138-491	06/13/2023	25	--	--	--
TKWC #2	LDZA	138-491	08/08/2023	26	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #2	LDZA	138-491	09/12/2023	28	--	--	--
TKWC #2	LDZA	138-491	10/12/2023	29	--	--	--
TKWC #2	LDZA	138-491	11/14/2023	26	--	--	--
TKWC #2	LDZA	138-491	12/12/2023	29	--	--	--
TKWC #2	LDZA	138-491	01/09/2024	33	--	--	--
TKWC #2	LDZA	138-491	02/06/2024	28	--	--	--
TKWC #2	LDZA	138-491	03/05/2024	32	--	--	--
TKWC #2	LDZA	138-491	04/02/2024	31	--	--	--
TKWC #2	LDZA	138-491	05/07/2024	35	--	--	--
TKWC #2	LDZA	138-491	06/04/2024	35	--	--	--
TKWC #2	LDZA	138-491	07/02/2024	26	--	--	--
TKWC #2	LDZA	138-491	08/06/2024	23	--	--	--
TKWC #2	LDZA	138-491	09/03/2024	26	--	--	--
TKWC #2	LDZA	138-491	10/01/2024	27	--	--	--
TKWC #2	LDZA	138-491	11/05/2024	31	--	--	--
TKWC #2	LDZA	138-491	12/03/2024	26	--	--	--
TKWC #2	LDZA	138-491	01/14/2025	26	--	--	--
TKWC #2	LDZA	138-491	02/04/2025	35	--	--	--
TKWC #2	LDZA	138-491	03/04/2025	31	--	--	--
TKWC #2	LDZA	138-491	04/01/2025	33	--	--	--
TKWC #2	LDZA	138-491	05/06/2025	31	--	--	--
TKWC #2	LDZA	138-491	06/03/2025	26	--	--	--
TKWC #2	LDZA	138-491	07/01/2025	22	--	--	--
TKWC #2	LDZA	138-491	08/05/2025	20	--	--	--
TKWC #2	LDZA	138-491	09/02/2025	23	--	--	--
TKWC #2	LDZA	138-491	10/07/2025	22	--	--	--
TKWC #2	LDZA	138-491	11/04/2025	31	--	--	--
TKWC #2	LDZA	138-491	12/02/2025	30	--	--	--
TKWC #3	LDZA	117–364	08/28/1989	<0.5	--	--	--
TKWC #3	LDZA	117–364	10/25/1989	<0.5	--	--	--
TKWC #3	LDZA	117–364	07/23/1997	<0.5	--	--	--
TKWC #3	LDZA	117–364	08/11/2002	<0.5	--	--	--
TKWC #3	LDZA	117–364	07/26/2005	<0.5	--	--	--
TKWC #3	LDZA	117–364	10/04/2005	<0.5	--	--	--
TKWC #3	LDZA	117–364	08/06/2013	<0.5	--	--	--
TKWC #3	LDZA	117–364	01/29/2014	<0.5	--	--	--
TKWC #3	LDZA	117–364	08/26/2014	<0.5	--	--	--
TKWC #3	LDZA	117–364	06/22/2016	<0.5	--	--	--
TKWC #3	LDZA	117–364	08/02/2016	<0.5	--	--	--
TKWC #3	LDZA	117–364	09/06/2016	<0.5	--	--	--
TKWC #3	LDZA	117–364	05/30/2017	<0.5	--	--	--
TKWC #3	LDZA	117–364	06/20/2017	<0.5	--	--	--
TKWC #3	LDZA	117–364	07/18/2017	<0.5	--	--	--
TKWC #3	LDZA	117–364	08/10/2017	<0.5	--	--	--
TKWC #3	LDZA	117–364	08/15/2017	<0.5	--	--	--
TKWC #3	LDZA	117–364	12/05/2017	<0.5	--	--	--
TKWC #3	LDZA	117–364	03/01/2018	<0.5	--	--	--

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
TKWC #3	LDZA	117–364	10/30/2018	<0.5	--	--	--
TKWC #3	LDZA	117–364	06/25/2019	<0.5	--	--	--
TKWC #3	LDZA	117–364	01/14/2020	<0.5	--	--	--
TKWC #3	LDZA	117–364	03/03/2020	1.1	--	--	--
TKWC #3	LDZA	117–364	08/04/2020	<0.5	--	--	--
TKWC #3	LDZA	117–364	01/19/2021	<0.5	--	--	--
TKWC #3	LDZA	117–364	02/16/2022	<0.5	--	--	--
TKWC #3	LDZA	117–364	11/09/2022	<0.5	--	--	--
TKWC #3	LDZA	117–364	01/09/2024	<0.5	--	--	--
TKWC #3	LDZA	117–364	04/02/2024	<0.5	--	--	--
TKWC #3	LDZA	117–364	07/02/2024	<0.5	--	--	--
TKWC #3	LDZA	117–364	10/01/2024	<0.5	--	--	--
Tata #1	MZA	36–223	04/25/1989	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/23/1989	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/25/1992	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/23/1994	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	09/26/1995	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/27/1996	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	09/30/1997	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	07/28/1998	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/07/1998	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	03/16/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	04/14/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	06/16/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	07/14/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/31/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	09/23/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	10/20/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	11/17/1999	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	03/23/2000	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	06/21/2000	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/29/2000	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	11/30/2000	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	03/21/2001	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	06/06/2001	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/29/2001	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	09/19/2001	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	10/17/2001	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	03/27/2002	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	04/11/2002	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	05/29/2002	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	06/20/2002	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	07/25/2002	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/28/2002	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/20/2003	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/24/2005	<0.5	<0.5	<0.5	<0.5
Tata #1	MZA	36–223	08/30/2006	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Tata #1	MZA	36–223	11/15/2006	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	04/25/1989	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/23/1989	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/25/1992	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/23/1994	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	09/26/1995	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/27/1996	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	09/30/1997	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	07/28/1998	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/07/1998	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	03/16/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	04/14/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	06/16/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	07/14/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/31/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	09/23/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	10/20/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	11/17/1999	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	03/23/2000	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	06/21/2000	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/29/2000	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	11/30/2000	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	03/21/2001	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	06/06/2001	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/29/2001	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	09/19/2001	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	10/17/2001	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	03/27/2002	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	04/11/2002	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	05/29/2002	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	06/20/2002	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	07/25/2002	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/28/2002	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/20/2003	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/31/2004	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/24/2005	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	08/30/2006	<0.5	<0.5	<0.5	<0.5
Tata #2	UDZA	73–193	11/15/2006	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	04/25/1989	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/23/1989	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/25/1992	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/23/1994	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	09/26/1995	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/27/1996	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	09/30/1997	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	07/28/1998	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/07/1998	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Tata #3	MZA	55–220	03/16/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	04/14/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	06/16/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	07/14/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/31/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	09/23/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	10/20/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	11/17/1999	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	03/23/2000	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	06/21/2000	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/29/2000	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	11/30/2000	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	03/21/2001	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	06/06/2001	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/29/2001	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	09/19/2001	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	10/17/2001	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	03/27/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	04/11/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	05/29/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	06/20/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	07/25/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/28/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	11/15/2002	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	02/04/2003	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	05/21/2003	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/20/2003	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	02/25/2004	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	05/26/2004	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/31/2004	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	11/18/2004	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	02/03/2005	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/24/2005	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	11/29/2005	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	02/08/2006	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	05/24/2006	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	08/30/2006	<0.5	<0.5	<0.5	<0.5
Tata #3	MZA	55–220	11/15/2006	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/18/1989	2.2	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/16/1989	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	12/21/1989	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/16/1990	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/18/1990	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	03/28/1990	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/30/1990	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/24/1990	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	06/27/1990	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Tata #4	LDZA	85–125	07/28/1990	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/28/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	03/27/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/24/1991	0.62	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/29/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	06/25/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/31/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/28/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	09/23/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/30/1991	1.3	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	11/20/1991	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	12/18/1991	2.6	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/29/1992	0.47	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/26/1992	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	03/25/1992	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/22/1992	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/29/1992	0.79	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	09/29/1992	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/12/1993	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/28/1993	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/13/1993	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/21/1993	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/13/1994	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/12/1994	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/05/1994	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/26/1994	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/10/1995	0.7	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/25/1995	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/18/1995	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/18/1995	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/09/1996	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/16/1996	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	06/11/1996	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/17/1996	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/17/1996	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/22/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	03/19/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/16/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/21/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/16/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/18/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	09/08/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/06/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	11/17/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	12/16/1997	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	01/07/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/03/1998	<0.5	<0.5	<0.5	<0.5

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
Tata #4	LDZA	85–125	03/09/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/08/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/18/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	06/23/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/13/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/10/1998	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/27/1999	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/07/2000	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	03/30/2000	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	06/27/2000	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	09/12/2000	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	06/06/2001	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/15/2001	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	09/19/2001	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	10/18/2001	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	11/27/2001	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	12/13/2001	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/14/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	03/27/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	04/11/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/13/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	07/25/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/28/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	11/18/2002	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/04/2003	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/21/2003	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/20/2003	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/25/2004	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/26/2004	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/31/2004	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	11/18/2004	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/03/2005	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/26/2005	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	08/24/2005	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	11/17/2005	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	02/08/2006	<0.5	<0.5	<0.5	<0.5
Tata #4	LDZA	85–125	05/24/2006	<0.5	<0.5	<0.5	<0.5
			MCL	5.0	5.0	6.0	0.5

Notes:

µg/L: Micrograms per liter
bgs Below ground surface
ND: Non-deteect
J: Estimated value; analyte detected below the reporting limit
< 2.0: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene
TCE: Trichloroethene

TABLE 2-5
SUMMARY OF MUNICIPAL WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)

DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
SZA: Shallow Zone Aquifer (SZA) 0-30 ft bgs
MZA: Middle Zone Aquifer (MZA) 30-60 ft bgs
UDZA: Upper Deep Zone Aquifer (UDZA) 60-80 ft bgs
LDZA: Lower Deep Zone Aquifer (LDZA) > 80 ft bgs
MCL: Maximum Contaminant Level

TABLE 2-6
SUMMARY OF PRIVATE WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
1995 12th St	Unknown	Unknown	09/21/2005	<0.5	<0.5	<0.5	<1.0
1995 12th St	Unknown	Unknown	10/23/2019	<0.5	<0.5	<0.5	<0.5
1995 12th St	Unknown	Unknown	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
1995 12th St	Unknown	Unknown	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
2013 7th St	Unknown	Unknown	08/27/2014	0.24 J	<0.5	<0.5	<0.5
2111 Dunlap	MZA	32–52	10/22/1999	12	<0.5	<0.5	<0.5
575 Eloise Ave	Unknown	Unknown	08/27/2014	<0.5	<0.5	<0.5	<0.5
575 Eloise Ave	Unknown	Unknown	10/23/2019	<0.5	<0.5	<0.5	<0.5
575 Eloise Ave	Unknown	Unknown	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
608 Emerald Bay	Unknown	Unknown	08/27/2014	<0.5	<0.5	<0.5	<0.5
608 Emerald Bay	Unknown	Unknown	10/23/2019	<0.5	<0.5	<0.5	<0.5
608 Emerald Bay	Unknown	Unknown	10/23/2019	<0.5	<0.5	<0.5	<0.5
608 Emerald Bay	Unknown	Unknown	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
609 Eloise Ave	MZA	58–118	08/27/2014	<0.5	<0.5	<0.5	<0.5
609 Eloise Ave	MZA	58–118	02/12/2018	<0.5	<0.5	<0.5	<0.5
609 Eloise Ave	MZA	58–118	08/27/2019	<0.5	<0.5	<0.5	<0.5
609 Eloise Ave	MZA	58–118	10/23/2019	<0.5	<0.5	<0.5	<0.5
609 Eloise Ave	MZA	58–118	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
621 Eloise Ave	LDZA	85–165	08/27/2014	<0.5	<0.5	<0.5	<0.5
621 Eloise Ave	LDZA	85–165	10/23/2019	<0.5	<0.5	<0.5	<0.5
621 Eloise Ave	LDZA	85–165	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
661 Emerald Bay	Unknown	Unknown	08/13/2014	<0.5	<0.5	<0.5	<0.5
661 Emerald Bay	Unknown	Unknown	10/23/2019	<0.5	<0.5	<0.5	<0.5
702 Emerald Bay	MZA	33–200	10/19/2005	1.8	<0.5	<0.5	<1.0
705 Eloise	MZA	36–60	08/13/2014	<0.5	<0.5	<0.5	<0.5
748 Roger Ave	MZA	56–65	07/28/2022	< 0.15	< 0.10	< 0.10	<0.12
848 Glorene	UDZA	76–76	07/07/2003	17	<1.0	<1.0	<1.0
883 Eloise	MZA	44–64	03/19/2003	<0.5	--	--	--
883 Eloise	MZA	44–64	06/18/2003	0.5	--	--	--
883 Eloise	MZA	44–64	10/10/2003	<5	--	--	--
883 Eloise	MZA	44–64	01/07/2004	<5	--	--	--
883 Eloise	MZA	44–64	04/07/2004	<5	--	--	--
883 Eloise	MZA	44–64	10/04/2004	<5	--	--	--
883 Eloise	MZA	44–64	12/20/2004	<5	--	--	--
883 Eloise	MZA	44–64	08/27/2014	52	1.3	0.32 J	<0.5
883 Eloise	MZA	44–64	09/11/2014	50	1.2	0.2 J	<0.5
903 Eloise	MZA	56–76	03/19/2003	<0.5	--	--	--
903 Eloise	MZA	56–76	06/18/2003	0.51	--	--	--
903 Eloise	MZA	56–76	10/10/2003	<5	--	--	--
903 Eloise	MZA	56–76	01/07/2004	0.6	--	--	--
903 Eloise	MZA	56–76	01/07/2004	0.5	--	--	--
903 Eloise	MZA	56–76	04/06/2004	0.7 J	--	--	--
903 Eloise	MZA	56–76	10/04/2004	<5	--	--	--
903 Eloise	MZA	56–76	12/20/2004	<5	--	--	--
903 Eloise	MZA	56–76	07/25/2005	1.6	--	--	--
903 Eloise	MZA	56–76	01/27/2015	8.4	<0.5	<0.5	<0.5
			MCL	5.0	5.0	6.0	0.5

TABLE 2-6
SUMMARY OF PRIVATE WATER SUPPLY WELL GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Notes:

µg/L: Micrograms per liter
bgs Below ground surface
ND: Non-deteect
J: Estimated value; analyte detected below the reporting limit
< 2.0: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
SZA: Shallow Zone Aquifer (SZA) 0-30 ft bgs
MZA: Middle Zone Aquifer (MZA) 30-60 ft bgs
UDZA: Upper Deep Zone Aquifer (UDZA) 60-80 ft bgs
LDZA: Lower Deep Zone Aquifer (LDZA) > 80 ft bgs
MCL: Maximum Contaminant Level

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
935 Julie Ln	MZA	45–45	01/01/2001	ND	--	--	--
942 James Ave	UDZA	60–60	01/01/1998	310	--	--	--
945 Julie Ln	MZA	45–45	01/01/2001	ND	--	--	--
977 Tata Lane	LDZA	80–100	01/01/2001	6.4	--	--	--
AHH-1	SZA	12–12	05/01/1998	<0.5	<0.5	<0.5	<0.5
AHH-1	SZA	26–26	05/01/1998	<0.5	<0.5	<0.5	<0.5
AHH-1	MZA	34–34	05/01/1998	<0.5	<0.5	<0.5	<0.5
AP_PL-1	SZA	12–12	07/13/2000	<0.5	--	--	--
AP_PL-1	MZA	50–50	07/13/2000	0.6	--	--	--
AP_PL-2	SZA	12–12	07/13/2000	<0.5	--	--	--
AP_PL-2	MZA	50–50	07/13/2000	<0.5	--	--	--
AP_PL-3	SZA	17–17	07/13/2000	<0.5	--	--	--
AP_PL-4	MZA	50–50	07/13/2000	1.5	--	--	--
AP_PL-5	SZA	17–17	07/13/2000	<0.5	--	--	--
AP_PL-5	MZA	50–50	07/13/2000	<0.5	--	--	--
BIGO_B-1	SZA	15–15	10/08/2001	28	1.9	1.6	--
BIGO_B-1	MZA	50–50	10/08/2001	470	7.4	13	--
BIGO_B-10	SZA	6–8	07/09/2006	<1	<1	<1	<1
BIGO_B-11	SZA	6–8	07/09/2006	<1	<1	<1	<1
BIGO_B-12	SZA	6–8	07/09/2006	<2	<2	<2	<2
BIGO_B-13	SZA	11–14	07/10/2006	5.8	<1	<1	<1
BIGO_B-13b	SZA	6–9	07/10/2006	<2	<2	<2	<1
BIGO_B-14	SZA	6–10	07/10/2006	<1	<1	<1	<1
BIGO_B-2	SZA	20–20	10/08/2001	720	<5.0	<5.0	--
BIGO_B-2	MZA	50–50	10/08/2001	4700	92	130	--
BIGO_B-3	MZA	48–48	10/09/2001	1900	24	21	--
BIGO_B-3	SZA	15–15	10/09/2001	210	3.5	<0.5	--
BIGO_B-4	SZA	6–8	07/10/2006	<2	<2	<2	<2
BIGO_B-5	SZA	6–8	07/10/2006	<2	<2	<2	<2
BIGO_B-6	SZA	6–8	07/09/2006	<2	<2	<2	<2
BIGO_B-7	SZA	6–8	07/10/2006	<1	<1	<1	<1
BIGO_B-8	SZA	6–8	07/10/2006	<2	<2	<2	<2
BIGO_B-9	SZA	6–8	07/09/2006	<1	<1	<1	<1
CPT-A01	MZA	35–37	09/09/2019	<0.5	<0.5	<0.5	<0.5
CPT-A01	UDZA	62–64	09/09/2019	3.3	<0.5	0.1	<0.5
CPT-A01	UDZA	77–79	09/09/2019	15	<0.5	<0.5	<0.5
CPT-A01	LDZA	93–95	09/09/2019	12	0.2	0.1	<0.5
CPT-A01	LDZA	100–102	09/09/2019	1.2	<0.5	<0.5	<0.5
CPT-A01	LDZA	114–116	09/09/2019	0.8	<0.5	<0.5	<0.5
CPT-A02	MZA	45–47	09/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-A02	MZA	55–57	09/05/2019	<0.5	--	<0.5	<0.5
CPT-A02	UDZA	64–66	09/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-A02	UDZA	64–66	09/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-A02	UDZA	72–74	09/05/2019	0.3	<0.5	<0.5	<0.5
CPT-A02	LDZA	81–83	09/05/2019	1.5	<0.5	<0.5	<0.5
CPT-A02	LDZA	87–89	09/05/2019	0.9	<0.5	<0.5	<0.5
CPT-A02	LDZA	95–97	09/05/2019	2.2	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-A02	LDZA	105–107	09/05/2019	6.3	<0.5	<0.5	<0.5
CPT-A03	UDZA	62–64	09/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-A03	UDZA	69–71	09/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-A03	UDZA	79–81	09/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-A03	LDZA	89–91	09/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-A03	LDZA	99–101	09/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-A03	LDZA	99–101	09/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-A03	LDZA	109–111	09/17/2019	0.5	<0.5	<0.5	<0.5
CPT-A04	MZA	48–50	09/23/2019	0.6	<0.5	<0.5	<0.5
CPT-A04	UDZA	66–68	09/23/2019	6.8	<0.5	<0.5	<0.5
CPT-A04	LDZA	85–87	09/23/2019	0.4	<0.5	<0.5	<0.5
CPT-A04	LDZA	92–94	09/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-A04	LDZA	105–107	09/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-A04	LDZA	114–116	09/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-A04	LDZA	120–122	09/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-A04	LDZA	120–122	09/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-A04	LDZA	128–130	09/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-A05	MZA	35–37	09/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-A05	MZA	43–45	09/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-A05	MZA	54–56	09/25/2019	1	0.4	<0.5	<0.5
CPT-A05	UDZA	60–62	09/25/2019	2.9	<0.5	<0.5	<0.5
CPT-A05	UDZA	71–73	09/25/2019	4.3	<0.5	<0.5	<0.5
CPT-A05	LDZA	87–89	09/25/2019	1.4	<0.5	<0.5	<0.5
CPT-A06	LDZA	80–82	09/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-A06	LDZA	104–106	09/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-A06	LDZA	118–120	09/30/2019	0.8	<0.5	<0.5	<0.5
CPT-B01	SZA	8–10	06/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-B01	SZA	20–22	06/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-B01	MZA	30–32	06/27/2019	0.3	<0.5	<0.5	<0.5
CPT-B01	MZA	40–42	06/27/2019	3.5	0.3	0.6	<0.5
CPT-B01	MZA	47–49	06/27/2019	75	2.9	10	<0.5
CPT-B01	UDZA	77–79	06/27/2019	0.2	<0.5	<0.5	<0.5
CPT-B01	UDZA	77–79	06/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-B01	UDZA	67–69	06/28/2019	<0.5	<0.5	<0.5	<0.5
CPT-B01	LDZA	90–92	06/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-B02	SZA	5–11	06/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-B02	SZA	20–22	06/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-B02	SZA	20–22	06/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-B02	MZA	32–34	06/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-B02	MZA	44–46	06/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-B02	UDZA	60–62	06/26/2019	250	4.2	4	<1.7
CPT-B02	UDZA	72–74	06/26/2019	0.3	<0.5	<0.5	<0.5
CPT-B02	LDZA	82–84	06/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-B03	SZA	10–12	07/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-B03	SZA	21–23	07/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-B03	MZA	34–36	07/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-B03	MZA	34–36	07/16/2019	<0.5	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-B03	MZA	44–46	07/16/2019	0.3	<0.5	<0.5	<0.5
CPT-B03	MZA	53–55	07/16/2019	93	1.1	0.8	<1
CPT-B03	UDZA	62–64	07/16/2019	120	1.9	1.9	<1
CPT-B03	UDZA	70–72	07/16/2019	350	5	4.9	<2.5
CPT-B03	LDZA	88–90	07/16/2019	1.5	<0.5	<0.5	<0.5
CPT-B04	SZA	18–20	08/28/2019	<0.5	<0.5	<0.5	<0.5
CPT-B04	MZA	42–44	08/28/2019	<0.5	<0.5	<0.5	<0.5
CPT-B04	MZA	56–58	08/28/2019	0.8	<0.5	<0.5	<0.5
CPT-B04	UDZA	62–64	08/28/2019	36	0.3	0.1	<0.5
CPT-B04	LDZA	80–82	08/28/2019	170	3.3	6.1	<0.5
CPT-B04	LDZA	88–90	08/28/2019	200	3.7	4.2	<1
CPT-B04	LDZA	88–90	08/28/2019	200	3.7	4.1	<1
CPT-B04	LDZA	105–107	08/28/2019	200	4.9	2.9	<0.5
CPT-B04	LDZA	129–131	08/28/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	SZA	10–12	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	SZA	16–18	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	SZA	29–31	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	MZA	47–49	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	UDZA	60–62	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	UDZA	70–72	08/21/2019	0.2	<0.5	<0.5	<0.5
CPT-B05	LDZA	86–88	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	LDZA	86–88	08/21/2019	<0.5	<0.5	<0.5	<0.5
CPT-B05	LDZA	97–99	08/21/2019	25	0.2	0.1	<0.5
CPT-B07	SZA	22–24	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	MZA	39–41	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	UDZA	60–62	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	UDZA	73–75	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	LDZA	80–82	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	LDZA	80–82	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	LDZA	94–96	09/04/2019	<0.5	<0.5	<0.5	<0.5
CPT-B07	LDZA	106–108	09/04/2019	15	0.2	0.1	<0.5
CPT-B07	LDZA	113–115	09/04/2019	6.2	<0.5	<0.5	<0.5
CPT-C03	SZA	14–16	08/13/2019	0.3	<0.5	<0.5	<0.5
CPT-C03	SZA	19–21	08/13/2019	0.3	<0.5	<0.5	<0.5
CPT-C03	MZA	32–34	08/13/2019	<0.5	<0.5	<0.5	<0.5
CPT-C03	MZA	39–41	08/13/2019	<0.5	<0.5	<0.5	<0.5
CPT-C03	MZA	52–54	08/13/2019	<0.5	<0.5	<0.5	<0.5
CPT-C03	UDZA	68–70	08/13/2019	<0.5	<0.5	<0.5	<0.5
CPT-C03	UDZA	68–70	08/13/2019	<0.5	<0.5	<0.5	<0.5
CPT-C03	LDZA	81–83	08/13/2019	4.7	<0.5	<0.5	<0.5
CPT-C03	LDZA	88–90	08/13/2019	0.5	<0.5	<0.5	<0.5
CPT-C04	SZA	8–10	08/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-C04	SZA	8–10	08/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-C04	SZA	15–17	08/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-C04	SZA	22–24	08/14/2019	0.1	<0.5	<0.5	<0.5
CPT-C04	SZA	28–30	08/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-C04	MZA	40–42	08/14/2019	<0.5	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-C04	MZA	53–55	08/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-C04	UDZA	61–63	08/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	SZA	25–27	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	MZA	35–37	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	MZA	49–51	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	UDZA	60–62	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	UDZA	60–62	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	UDZA	70–72	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	LDZA	83–85	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C05	LDZA	91–93	09/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-C06	UDZA	65–67	09/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-C06	UDZA	75–77	09/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-C06	UDZA	75–77	09/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-C06	LDZA	85–87	09/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-C06	LDZA	97–99	09/16/2019	<0.5	<0.5	<0.5	<0.5
CPT-D01	SZA	18–20	07/09/2019	<0.5	<0.5	<0.5	<0.5
CPT-D01	SZA	24–26	07/09/2019	<0.5	<0.5	<0.5	<0.5
CPT-D01	MZA	41–43	07/09/2019	0.2	<0.5	<0.5	<0.5
CPT-D01	MZA	41–43	07/09/2019	<0.5	<0.5	<0.5	<0.5
CPT-D01	MZA	54–56	07/09/2019	76	0.8	0.2	<0.5
CPT-D01	UDZA	72–74	07/10/2019	220	5.5	3	<1
CPT-D01	LDZA	80–82	07/10/2019	180	5.2	2.5	<0.5
CPT-D02	SZA	7–9	07/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-D02	SZA	14–16	07/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-D02	SZA	26–28	07/17/2019	<0.5	<0.5	<0.5	<0.5
CPT-D02	MZA	34–36	07/17/2019	0.1	<0.5	<0.5	<0.5
CPT-D02	MZA	42–44	07/17/2019	1	<0.5	<0.5	<0.5
CPT-D02	MZA	58–60	07/17/2019	72	1.1	0.7	<0.5
CPT-D02	MZA	58–60	07/17/2019	72	1	0.6	<0.5
CPT-D02	UDZA	64–66	07/17/2019	110	1.9	2.2	<0.5
CPT-D02	UDZA	78–80	07/17/2019	170	2.8	2.5	<1.7
CPT-D03	SZA	14–16	07/22/2019	0.2	<0.5	<0.5	<0.5
CPT-D03	MZA	30–32	07/22/2019	<0.5	<0.5	<0.5	<0.5
CPT-D03	MZA	30–32	07/22/2019	<0.5	<0.5	<0.5	<0.5
CPT-D03	MZA	44–46	07/22/2019	<0.5	<0.5	<0.5	<0.5
CPT-D03	MZA	50–52	07/22/2019	<0.5	<0.5	<0.5	<0.5
CPT-D03	MZA	58–60	07/22/2019	13	<0.5	<0.5	<0.5
CPT-D03	UDZA	67–69	07/22/2019	97	1.1	0.8	<0.5
CPT-D03	LDZA	83–85	07/22/2019	98	1.3	1.4	<0.5
CPT-D03	LDZA	90–92	07/22/2019	140	2.2	2.7	<0.5
CPT-D04	SZA	10–12	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	SZA	18–20	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	SZA	26–28	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	MZA	42–44	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	MZA	42–44	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	MZA	52–54	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	UDZA	64–66	07/23/2019	<0.5	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-D04	UDZA	74–76	07/23/2019	<0.5	<0.5	<0.5	<0.5
CPT-D04	LDZA	83–85	07/23/2019	69	1	1.2	<0.5
CPT-D05	SZA	12–14	07/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-D05	SZA	26–28	07/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-D05	SZA	26–28	07/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-D05	MZA	38–40	07/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-D05	MZA	49–51	07/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-D05	MZA	58–60	07/25/2019	1.8	<0.5	<0.5	<0.5
CPT-D05	UDZA	68–70	07/25/2019	<0.5	<0.5	<0.5	<0.5
CPT-D05	UDZA	76–78	07/25/2019	36	0.5	0.6	<0.5
CPT-D05	LDZA	86–88	07/25/2019	92	1.2	1.1	<0.5
CPT-D06	SZA	10–12	08/15/2019	<0.5	<0.5	<0.5	<0.5
CPT-D06	SZA	10–12	08/15/2019	<0.5	<0.5	<0.5	<0.5
CPT-D06	SZA	20–22	08/15/2019	<0.5	<0.5	<0.5	<0.5
CPT-D06	MZA	40–42	08/15/2019	<0.5	<0.5	<0.5	<0.5
CPT-D06	MZA	49–51	08/15/2019	<0.5	<0.5	<0.5	<0.5
CPT-D06	UDZA	66–68	08/15/2019	33	0.6	0.6	<0.5
CPT-D06	UDZA	78–80	08/15/2019	120	2.3	3.2	<0.5
CPT-D06	LDZA	90–92	08/15/2019	41	1.2	2.4	<0.5
CPT-D06	LDZA	110–112	08/15/2019	17	0.5	0.8	<0.5
CPT-D07	SZA	16–18	08/26/2019	0.4	<0.5	<0.5	<0.5
CPT-D07	SZA	22–24	08/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-D07	MZA	38–40	08/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-D07	MZA	54–56	08/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-D07	UDZA	68–70	08/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-D07	UDZA	68–70	08/26/2019	<0.5	<0.5	<0.5	<0.5
CPT-D07	UDZA	76–78	08/26/2019	1	<0.5	<0.5	<0.5
CPT-D07	LDZA	86–88	08/26/2019	29	0.6	1	<0.5
CPT-D07	LDZA	96–98	08/26/2019	72	2.4	3.7	<0.5
CPT-E01	SZA	7–9	06/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-E01	SZA	22–24	06/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-E01	MZA	39–41	06/24/2019	120	4.5	2.3	<1
CPT-E01	MZA	49–51	06/24/2019	570	7.4	6.8	<3.1
CPT-E01	MZA	58–62	06/24/2019	540	6.9	6.9	<5
CPT-E01	UDZA	74–76	06/25/2019	0.4	<0.5	<0.5	<0.5
CPT-E01	LDZA	86–88	06/25/2019	0.4	<0.5	<0.5	<0.5
CPT-E01	LDZA	86–88	06/25/2019	0.2	<0.5	<0.5	<0.5
CPT-E02	SZA	8–10	07/08/2019	<0.5	<0.5	<0.5	<0.5
CPT-E02	SZA	20–22	07/08/2019	0.2	<0.5	<0.5	<0.5
CPT-E02	SZA	29–31	07/08/2019	12	0.3	<0.5	<0.5
CPT-E02	MZA	42–44	07/08/2019	18	0.4	<0.5	<0.5
CPT-E02	MZA	58–60	07/08/2019	54	1.5	0.3	<0.5
CPT-E02	UDZA	66–68	07/09/2019	83	1.7	1	<0.5
CPT-E02	LDZA	80–82	07/09/2019	<0.5	<0.5	<0.5	<0.5
CPT-E02	LDZA	80–82	07/09/2019	<0.5	<0.5	<0.5	<0.5
CPT-E03	SZA	8–10	07/10/2019	<0.5	<0.5	<0.5	<0.5
CPT-E03	SZA	18–20	07/10/2019	<0.5	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-E03	SZA	28–30	07/10/2019	<0.5	<0.5	<0.5	<0.5
CPT-E03	MZA	35–37	07/10/2019	<0.5	<0.5	<0.5	<0.5
CPT-E03	MZA	35–37	07/10/2019	<0.5	<0.5	<0.5	<0.5
CPT-E03	MZA	44–46	07/10/2019	0.4	<0.5	<0.5	<0.5
CPT-E03	MZA	58–60	07/11/2019	5	<0.5	<0.5	<0.5
CPT-E03	UDZA	71–73	07/11/2019	84	1.8	0.8	<0.5
CPT-E04	SZA	8–10	07/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-E04	SZA	15–17	07/11/2019	<0.5	<0.5	<0.5	<0.5
CPT-E04	SZA	27–29	07/11/2019	0.5	<0.5	<0.5	<0.5
CPT-E04	MZA	38–40	07/12/2019	6.6	<0.5	<0.5	<0.5
CPT-E04	MZA	45–47	07/12/2019	29	0.4	0.2	<0.5
CPT-E04	UDZA	66–68	07/12/2019	74	1.2	1.2	<0.5
CPT-E04	LDZA	82–84	07/12/2019	56	1	0.4	<0.5
CPT-E04	LDZA	94–96	07/12/2019	13	<0.5	<0.5	<0.5
CPT-E04	LDZA	94–96	07/12/2019	11	<0.5	<0.5	<0.5
CPT-E05	SZA	11–13	07/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-E05	SZA	21–23	07/24/2019	0.2	<0.5	<0.5	<0.5
CPT-E05	MZA	34–36	07/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-E05	MZA	45–47	07/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-E05	MZA	45–47	07/24/2019	<0.5	<0.5	<0.5	<0.5
CPT-E05	MZA	57–59	07/24/2019	0.4	<0.5	<0.5	<0.5
CPT-E05	UDZA	67–69	07/24/2019	14	<0.5	<0.5	<0.5
CPT-E05	LDZA	86–88	07/24/2019	44	0.6	0.7	<0.5
CPT-E05	LDZA	96–98	07/24/2019	83	1.1	1.1	<0.5
CPT-E06	SZA	15–17	07/29/2019	0.3	<0.5	<0.5	<0.5
CPT-E06	SZA	26–28	07/29/2019	0.2	<0.5	<0.5	<0.5
CPT-E06	MZA	39–41	07/29/2019	0.1	<0.5	<0.5	<0.5
CPT-E06	MZA	58–60	07/29/2019	<0.5	<0.5	<0.5	<0.5
CPT-E06	UDZA	78–80	07/29/2019	2.3	<0.5	<0.5	<0.5
CPT-E06	UDZA	78–80	07/29/2019	2.3	<0.5	<0.5	<0.5
CPT-E06	LDZA	92–94	07/29/2019	24	0.5	0.9	<0.5
CPT-E07	SZA	16–18	07/30/2019	<0.5	<0.5	<0.5	<0.5
CPT-E07	SZA	26–28	07/30/2019	0.7	<0.5	<0.5	<0.5
CPT-E07	MZA	35–37	07/30/2019	0.1	<0.5	<0.5	<0.5
CPT-E07	MZA	46–48	07/30/2019	0.1	<0.5	<0.5	<0.5
CPT-E07	MZA	56–58	07/30/2019	0.3	<0.5	<0.5	<0.5
CPT-E07	UDZA	69–71	07/30/2019	3	<0.5	<0.5	<0.5
CPT-E07	UDZA	76–78	07/30/2019	15	0.2	0.2	<0.5
CPT-E07	LDZA	87–89	07/30/2019	40	0.5	0.7	<0.4
CPT-E07	LDZA	87–89	07/30/2019	40	0.5	0.7	<0.5
CPT-E08	SZA	13–15	07/31/2019	0.3	<0.5	<0.5	<0.5
CPT-E08	SZA	18–20	07/31/2019	<0.5	<0.5	<0.5	<0.5
CPT-E08	SZA	25–27	07/31/2019	<0.5	<0.5	<0.5	<0.5
CPT-E08	MZA	37–39	07/31/2019	<0.5	<0.5	<0.5	<0.5
CPT-E08	MZA	37–39	07/31/2019	<0.5	<0.5	<0.5	<0.5
CPT-E08	MZA	50–52	07/31/2019	<0.5	<0.5	<0.5	<0.5
CPT-E08	MZA	58–60	07/31/2019	0.6	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-E08	UDZA	75–77	07/31/2019	0.3	<0.5	<0.5	<0.5
CPT-E08	LDZA	93–95	07/31/2019	38	0.6	0.6	<0.5
CPT-E10	SZA	8–10	08/19/2019	<0.5	<0.5	<0.5	<0.5
CPT-E10	SZA	15–17	08/19/2019	<0.5	<0.5	<0.5	<0.5
CPT-E10	MZA	31–33	08/19/2019	<0.5	<0.5	<0.5	<0.5
CPT-E10	MZA	45–47	08/19/2019	<0.5	<0.5	<0.5	<0.5
CPT-E10	MZA	45–47	08/19/2019	<0.5	<0.5	<0.5	<0.5
CPT-E10	UDZA	63–65	08/19/2019	16	0.4	0.8	<0.5
CPT-E10	UDZA	79–81	08/19/2019	23	0.6	1.3	<0.5
CPT-E10	LDZA	100–102	08/19/2019	3.3	<0.5	0.2	<0.5
CPT-E10	LDZA	111–113	08/19/2019	30	0.5	0.9	<0.5
CPT-F01	SZA	4–6	07/18/2019	0.3	<0.5	<0.5	<0.5
CPT-F01	SZA	20–22	07/18/2019	14	0.2	<0.5	<0.5
CPT-F01	MZA	41–43	07/18/2019	320	5.1	3.8	<2.5
CPT-F01	MZA	52–54	07/18/2019	<0.5	<0.5	<0.5	<0.5
CPT-F01	UDZA	66–68	07/18/2019	<0.5	<0.5	<0.5	<0.5
CPT-F01	UDZA	70–72	07/18/2019	0.1	<0.5	<0.5	<0.5
CPT-F01	UDZA	70–72	07/18/2019	<0.5	<0.5	<0.5	<0.5
CPT-F01	UDZA	78–80	07/18/2019	0.1	<0.5	<0.5	<0.5
CPT-F03	SZA	24–26	08/06/2019	<0.5	<0.5	<0.5	<0.5
CPT-F03	MZA	31–33	08/06/2019	<0.5	<0.5	<0.5	<0.5
CPT-F03	MZA	40–42	08/06/2019	<0.5	<0.5	<0.5	<0.5
CPT-F03	MZA	52–54	08/06/2019	5.3	<0.5	<0.5	<0.5
CPT-F03	UDZA	70–72	08/06/2019	240	4.6	2.5	<1.7
CPT-F03	LDZA	80–82	08/06/2019	15	0.4	<0.5	<0.5
CPT-F03	LDZA	94–96	08/06/2019	11	<0.5	<0.5	<0.5
CPT-F03	LDZA	94–96	08/06/2019	11	<0.5	<0.5	<0.5
CPT-F04	SZA	18–20	08/07/2019	<0.5	<0.5	<0.5	<0.5
CPT-F04	SZA	27–29	08/07/2019	<0.5	<0.5	<0.5	<0.5
CPT-F04	MZA	40–42	08/07/2019	0.3	<0.5	<0.5	<0.5
CPT-F04	MZA	40–42	08/07/2019	0.3	<0.5	<0.5	<0.5
CPT-F04	MZA	47–49	08/07/2019	0.9	<0.5	<0.5	<0.5
CPT-F04	UDZA	60–62	08/07/2019	36	0.7	1.1	<0.5
CPT-F04	UDZA	68–70	08/07/2019	93	2.6	1.3	<1
CPT-F04	UDZA	78–80	08/07/2019	80	3.5	1	<0.5
CPT-F04	LDZA	88–90	08/07/2019	16	0.2	<0.5	<0.5
CPT-F05	SZA	15–17	08/22/2019	<0.5	<0.5	<0.5	<0.5
CPT-F05	SZA	24–26	08/22/2019	<0.5	<0.5	<0.5	<0.5
CPT-F05	MZA	38–40	08/22/2019	1.6	<0.5	<0.5	<0.5
CPT-F05	MZA	53–55	08/22/2019	5.7	<0.5	0.1	<0.5
CPT-F05	UDZA	67–69	08/22/2019	89	2.1	1.9	<0.5
CPT-F05	UDZA	76–78	08/22/2019	27	0.6	0.2	<0.5
CPT-F05	UDZA	76–78	08/22/2019	23	0.5	0.2	<0.5
CPT-F05	LDZA	84–86	08/22/2019	27	0.4	<0.5	<0.5
CPT-F05	LDZA	94–96	08/22/2019	13	<0.5	<0.5	<0.5
CPT-F07	SZA	28–30	08/08/2019	<0.5	<0.5	<0.5	<0.5
CPT-F07	SZA	28–30	08/08/2019	<0.5	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-F07	MZA	42–44	08/08/2019	1.5	<0.5	<0.5	<0.5
CPT-F07	MZA	50–52	08/08/2019	3.2	<0.5	<0.5	<0.5
CPT-F07	UDZA	62–64	08/08/2019	22	0.5	1.5	<0.5
CPT-F07	UDZA	72–74	08/08/2019	19	0.2	0.4	<0.5
CPT-F07	UDZA	76–78	08/08/2019	43	0.5	0.6	<0.5
CPT-F07	LDZA	86–88	08/08/2019	24	0.3	0.3	<0.5
CPT-F07	LDZA	96–98	08/08/2019	7.4	0.1	<0.5	<0.5
CPT-F08	SZA	16–18	08/27/2019	<0.5	<0.5	<0.5	<0.5
CPT-F08	SZA	29–31	08/27/2019	1.7	<0.5	<0.5	<0.5
CPT-F08	MZA	42–44	08/27/2019	1.4	<0.5	0.1	<0.5
CPT-F08	MZA	48–50	08/27/2019	2.6	<0.5	<0.5	<0.5
CPT-F08	MZA	48–50	08/27/2019	2.5	<0.5	<0.5	<0.5
CPT-F08	UDZA	66–68	08/27/2019	13	<0.5	<0.5	<0.5
CPT-F08	LDZA	80–82	08/27/2019	28	<0.5	<0.5	<0.5
CPT-F08	LDZA	90–92	08/27/2019	17	0.3	0.2	<0.5
CPT-F08	LDZA	103–105	08/27/2019	12	0.1	<0.5	<0.5
CPT-F09	SZA	13–15	09/10/2019	<0.5	<0.5	<0.5	<0.5
CPT-F09	SZA	28–30	09/10/2019	0.9	<0.5	<0.5	<0.5
CPT-F09	SZA	28–30	09/10/2019	0.9	<0.5	<0.5	<0.5
CPT-F09	MZA	36–38	09/10/2019	1.3	0.3	<0.5	<0.5
CPT-F09	MZA	54–56	09/10/2019	8.9	<0.5	<0.5	<0.5
CPT-F09	UDZA	66–68	09/10/2019	4.2	<0.5	<0.5	<0.5
CPT-F09	LDZA	81–83	09/10/2019	3.5	<0.5	<0.5	<0.5
CPT-F09	LDZA	90–92	09/10/2019	2.2	<0.5	<0.5	<0.5
CPT-F09	LDZA	102–104	09/10/2019	0.6	<0.5	<0.5	<0.5
CPT-F10	MZA	52–54	10/02/2019	3.2	<0.5	<0.5	<0.5
CPT-F10	UDZA	70–72	10/02/2019	25	<0.5	<0.5	<0.5
CPT-F10	LDZA	85–87	10/02/2019	12	<0.5	<0.5	<0.5
CPT-F10	LDZA	98–100	10/03/2019	3.3	<0.5	<0.5	<0.5
CPT-F10	LDZA	105–107	10/03/2019	3.4	<0.5	<0.5	<0.5
CPT-F10	LDZA	115–117	10/03/2019	2.9	<0.5	<0.5	<0.5
CPT-F11	MZA	32–36	07/30/2020	<0.5	<0.5	<0.5	<1
CPT-F11	MZA	52–56	07/30/2020	2	<0.5	<0.5	<1
CPT-F11	MZA	52–56	07/30/2020	1.8	<0.5	<0.5	<1
CPT-F11	LDZA	80–84	07/30/2020	2.4	<0.5	<0.5	<1
CPT-F11	LDZA	104–108	07/30/2020	22	<0.5	<0.5	<1
CPT-F12	MZA	32–36	07/29/2020	0.78	<0.5	<0.5	<1
CPT-F12	MZA	49–53	07/29/2020	3.4	<0.5	<0.5	<1
CPT-F12	UDZA	69–73	07/29/2020	6.8	<0.5	<0.5	<1
CPT-F12	LDZA	91–95	07/29/2020	2.4	<0.5	<0.5	<1
CPT-F12	LDZA	108–112	07/29/2020	2.7	<0.5	<0.5	<1
CPT-G01	SZA	10–12	07/15/2019	<0.5	<0.5	<0.5	<0.5
CPT-G01	SZA	24–26	07/15/2019	5.4	0.2	<0.5	<0.5
CPT-G01	MZA	34–36	07/15/2019	29	0.7	0.1	<0.5
CPT-G01	MZA	41–43	07/15/2019	98	2.3	0.8	<1
CPT-G01	MZA	41–43	07/15/2019	120	2.6	1	<1.3
CPT-G01	MZA	52–54	07/15/2019	12	0.2	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-G01	UDZA	62–64	07/15/2019	0.9	<0.5	<0.5	<0.5
CPT-G01	UDZA	72–74	07/15/2019	5.7	<0.5	<0.5	<0.5
CPT-G01	LDZA	87–89	07/15/2019	3.3	<0.5	<0.5	<0.5
CPT-G05	SZA	10–12	08/20/2019	0.2	<0.5	<0.5	<0.5
CPT-G05	SZA	19–21	08/20/2019	0.3	<0.5	<0.5	<0.5
CPT-G05	SZA	25–27	08/20/2019	0.2	<0.5	<0.5	<0.5
CPT-G05	MZA	44–46	08/20/2019	1	<0.5	<0.5	<0.5
CPT-G05	MZA	56–58	08/20/2019	1.2	<0.5	<0.5	<0.5
CPT-G05	MZA	56–58	08/20/2019	1.1	<0.5	<0.5	<0.5
CPT-G05	LDZA	85–87	08/20/2019	0.6	<0.5	<0.5	<0.5
CPT-G06	MZA	37–39	10/01/2019	1.4	<0.5	<0.5	<0.5
CPT-G06	MZA	37–39	10/01/2019	1.6	<0.5	<0.5	<0.5
CPT-G06	MZA	47–49	10/01/2019	<0.5	<0.5	<0.5	<0.5
CPT-G06	MZA	54–56	10/01/2019	<0.5	<0.5	<0.5	<0.5
CPT-G06	UDZA	71–73	10/01/2019	73	0.9	1	<0.5
CPT-G06	UDZA	79–81	10/01/2019	25	1.3	2.6	<0.5
CPT-G06	LDZA	90–92	10/01/2019	120	<1	<1	<1
CPT-G06	LDZA	96–98	10/02/2019	18	<0.5	<0.5	<0.5
CPT-G07	UDZA	61–63	10/04/2019	3.9	<0.5	<0.5	<0.5
CPT-G07	UDZA	71–73	10/04/2019	24	<0.5	<0.5	<0.5
CPT-G07	UDZA	71–73	10/04/2019	23	<0.5	<0.5	<0.5
CPT-G07	LDZA	81–83	10/04/2019	32	0.5	0.8	<0.5
CPT-G07	LDZA	91–93	10/04/2019	1	<0.5	<0.5	<0.5
CPT-G07	LDZA	101–103	10/04/2019	0.4	<0.5	<0.5	<0.5
CPT-G08	SZA	28–32	07/16/2020	0.85	<0.5	<0.5	<1
CPT-G08	MZA	40–44	07/16/2020	290	0.26	<0.5	<1
CPT-G08	MZA	40–44	07/27/2020	230	0.24	<0.5	<1
CPT-G08	MZA	51–55	07/27/2020	340	0.28	<0.5	<1
CPT-G08	LDZA	80–84	07/27/2020	17	<0.5	<0.5	<1
CPT-G08	LDZA	96–100	07/27/2020	<0.5	<0.5	<0.5	<1
CPT-G09	SZA	11–15	07/14/2020	<0.5	<0.5	<0.5	<1
CPT-G09	MZA	44–48	07/14/2020	3.9	<0.5	<0.5	<1
CPT-G09	UDZA	64–68	07/15/2020	65	0.41	0.2	<1
CPT-G09	LDZA	92–96	07/15/2020	5.5	<0.5	<0.5	<1
CPT-G09	LDZA	99–100	07/15/2020	<0.5	<0.5	<0.5	<1
CPT-G10	SZA	10–12	07/31/2020	<0.5	<0.5	<0.5	<1
CPT-G10	MZA	38–40	07/31/2020	6.9	--	--	--
CPT-G10	MZA	38–40	07/31/2020	6.7	<0.5	<0.5	<1
CPT-G10	UDZA	70–73	07/31/2020	50	<0.5	<0.5	<1
CPT-G10	UDZA	78–82	07/31/2020	2.1	<0.5	<0.5	<1
CPT-G11	MZA	30–34	08/01/2020	0.47	<0.5	<0.5	<1
CPT-G11	MZA	40–44	08/01/2020	<0.5	<0.5	<0.5	<1
CPT-G11	MZA	54–60	08/01/2020	<0.5	<0.5	<0.5	<1
CPT-G11	UDZA	75–78	08/01/2020	<0.5	0.27	<0.5	<1
CPT-G12	SZA	26–27	10/02/2023	<0.2	<0.2	<0.3	<0.2
CPT-G12	MZA	37–38	10/02/2023	0.4 J	<0.2	<0.3	<0.2
CPT-G12	MZA	42–42	10/02/2023	<0.2	<0.2	<0.3	<0.2

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-G12	MZA	54–54	10/04/2023	<0.2	<0.2	<0.3	<0.2
CPT-G13	SZA	28–29	10/03/2023	<0.2	<0.2	<0.3	<0.2
CPT-G13	MZA	37–38	10/03/2023	0.3 J	<0.2	<0.3	<0.2
CPT-G13	MZA	37–38	10/03/2023	0.3 J	<0.2	<0.3	<0.2
CPT-G13	MZA	44–45	10/03/2023	<0.2	<0.2	<0.3	<0.2
CPT-G13	MZA	51–52	10/03/2023	<0.2	<0.2	<0.3	<0.2
CPT-G14	SZA	27–28	10/04/2023	<0.2	<0.2	<0.3	<0.2
CPT-G14	SZA	27–28	10/04/2023	<0.2	<0.2	<0.3	<0.2
CPT-G14	MZA	37–38	10/04/2023	0.6	<0.2	<0.3	<0.2
CPT-G14	MZA	49–50	10/06/2023	<0.2	<0.2	<0.3	<0.2
CPT-G15	SZA	27–28	10/05/2023	0.2 J	<0.2	<0.3	<0.2
CPT-G15	MZA	37–38	10/05/2023	0.6	<0.2	<0.3	<0.2
CPT-G15	MZA	47–48	10/05/2023	<0.2	<0.2	<0.3	<0.2
CPT-G16	MZA	30–31	10/06/2023	0.9	<0.2	<0.3	<0.2
CPT-H01	SZA	14–16	08/01/2019	1.2	<0.5	0.2	<0.5
CPT-H01	SZA	20–22	08/01/2019	1.5	0.3	1.1	<0.5
CPT-H01	SZA	26–28	08/01/2019	<5.7	<5.7	<5.7	<11
CPT-H01	SZA	29–31	08/01/2019	<5.9	<5.9	<5.9	<12
CPT-H01	MZA	34–36	08/01/2019	1.7	0.2	0.4	<0.5
CPT-H01	MZA	34–36	08/01/2019	1.7	0.2	0.5	<0.5
CPT-H01	MZA	41–43	08/01/2019	0.2	<0.5	0.1	<0.5
CPT-H01	MZA	49–51	08/01/2019	<0.5	<0.5	<0.5	<0.5
CPT-H01	MZA	57–59	08/01/2019	<0.5	<0.5	<0.5	<0.5
CPT-H01	UDZA	73–75	08/01/2019	<0.5	<0.5	<0.5	<0.5
CPT-H01	SZA	22–24	08/02/2019	<0.5	<8.4	2.2	<8.4
CPT-H02	SZA	8–10	06/28/2019	<0.5	0.5	0.1	<0.5
CPT-H02	SZA	16–18	06/28/2019	0.4	0.1	0.2	<0.5
CPT-H02	SZA	22–24	06/28/2019	9.6	0.3	0.6	<0.5
CPT-H02	MZA	32–34	06/28/2019	60	1	<0.5	<0.5
CPT-H02	MZA	32–34	06/28/2019	59	0.9	<0.5	<0.5
CPT-H02	MZA	38–40	06/28/2019	74	1.4	0.2	<0.5
CPT-H02	MZA	55–57	06/28/2019	3.4	<0.5	<0.5	<0.5
CPT-H02	UDZA	60–62	07/01/2019	1.1	<0.5	<0.5	<0.5
CPT-H02	LDZA	83–85	07/01/2019	1.1	<0.5	<0.5	<0.5
CPT-H03	SZA	11–13	07/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-H03	SZA	24–26	07/14/2019	1.3	0.4	1.2	<0.5
CPT-H03	MZA	38–40	07/14/2019	46	1.6	0.1	<0.5
CPT-H03	MZA	53–55	07/14/2019	14	<1.7	<1.7	<1.7
CPT-H03	UDZA	64–66	07/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-H03	UDZA	75–77	07/14/2019	0.3	<0.5	<0.5	<0.5
CPT-H03	LDZA	82–84	07/14/2019	0.3	<0.5	<0.5	<0.5
CPT-H03	LDZA	82–84	07/14/2019	0.3	<0.5	<0.5	<0.5
CPT-H03	LDZA	88–90	07/14/2019	<0.5	<0.5	<0.5	<0.5
CPT-H04	SZA	12–14	08/12/2019	<0.5	<0.5	<0.5	<0.5
CPT-H04	SZA	21–23	08/12/2019	3.9	0.1	<0.5	<0.5
CPT-H04	MZA	32–34	08/12/2019	5.2	0.1	<0.5	<0.5
CPT-H04	MZA	32–34	08/12/2019	5	0.1	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
CPT-H04	MZA	40–42	08/12/2019	43	0.7	0.2	<0.5
CPT-H04	MZA	51–53	08/12/2019	6.5	0.3	<0.5	<0.5
CPT-H04	UDZA	62–64	08/12/2019	0.1	<0.5	<0.5	<0.5
CPT-H04	UDZA	76–78	08/12/2019	0.2	<0.5	<0.5	<0.5
CPT-H04	LDZA	87–89	08/12/2019	<0.5	<0.5	<0.5	<0.5
CPT-H05	SZA	19–21	09/03/2019	1	<0.5	<0.5	<0.5
CPT-H05	SZA	24–26	09/03/2019	0.8	<0.5	<0.5	<0.5
CPT-H05	MZA	37–39	09/03/2019	0.8	<0.5	<0.5	<0.5
CPT-H05	MZA	41–43	09/03/2019	1.2	<0.5	<0.5	<0.5
CPT-H05	MZA	52–54	09/03/2019	0.4	<0.5	<0.5	<0.5
CPT-H05	UDZA	62–64	09/03/2019	0.2	<0.5	<0.5	<0.5
CPT-H05	UDZA	76–78	09/03/2019	0.4	<0.5	<0.5	<0.5
CPT-H05	UDZA	76–78	09/03/2019	0.3	<0.5	<0.5	<0.5
CPT-H05	LDZA	87–89	09/03/2019	0.3	<0.5	<0.5	<0.5
CPT-I01	SZA	16–18	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I01	SZA	24–26	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I01	MZA	34–36	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I01	MZA	40–42	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I01	UDZA	61–63	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I01	UDZA	61–63	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I01	LDZA	84–86	08/05/2019	<0.5	<0.5	<0.5	<0.5
CPT-I02	SZA	16–18	09/12/2019	0.5	<0.5	<0.5	<0.5
CPT-I02	SZA	28–30	09/12/2019	3.8	0.2	0.9	<0.5
CPT-I02	SZA	28–30	09/12/2019	3.8	0.3	0.9	<0.5
CPT-I02	MZA	38–40	09/12/2019	0.2	<0.5	<0.5	<0.5
CPT-I02	MZA	49–51	09/12/2019	<0.5	<0.5	<0.5	<0.5
CW-D1	MZA	54–54	05/06/1998	<0.5	<0.5	<0.5	<0.5
CW-D2	MZA	40–40	05/06/1998	<0.5	<0.5	<0.5	<0.5
CW-D2	MZA	49–49	05/06/1998	<0.5	<0.5	<0.5	<0.5
Chevron	MZA	40–40	01/01/2001	8.7	--	--	--
Factory Stores	MZA	40–40	01/01/2001	5	--	--	--
HZL_B-1	MZA	49–49	11/16/2001	29	0.89	1	<0.5
HZL_B-1	SZA	16–16	11/16/2001	280	<5.0	<5.0	<5.0
HZL_B-2	MZA	49–49	11/16/2001	140	2.2	2.5	<2.0
HZL_B-2	SZA	17–17	11/16/2001	450	<5.0	<5.0	<5.0
HZL_B-3	MZA	49–49	11/16/2001	6.6	<0.5	<0.5	<0.5
HZL_B-3	SZA	19–19	11/16/2001	10	<1.0	<1.0	<1.0
HZL_BH-1	MZA	45–45	09/18/2007	1500	--	--	--
HZL_BH-1	SZA	14–14	09/18/2007	<1.0	--	--	--
HZL_BH-10	MZA	45–45	09/17/2007	580	--	--	--
HZL_BH-10	SZA	12–12	09/17/2007	<1.0	--	--	--
HZL_BH-12	SZA	16–16	09/17/2007	3	--	--	--
HZL_BH-12	MZA	45–45	09/17/2007	820	--	--	--
HZL_BH-14	MZA	45–45	09/17/2007	1100	--	--	--
HZL_BH-14	SZA	14–14	09/17/2007	<1.0	--	--	--
HZL_BH-15	SZA	14–14	09/20/2007	1.4	--	--	--
HZL_BH-16	MZA	45–45	09/20/2007	510	--	--	--

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
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South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
HZL_BH-17	SZA	14–14	09/20/2007	7.2	--	--	--
HZL_BH-17	MZA	45–45	09/20/2007	170	--	--	--
HZL_BH-18	SZA	14–14	09/21/2007	44	--	--	--
HZL_BH-18	MZA	45–45	09/21/2007	140	--	--	--
HZL_BH-2	SZA	14–14	09/19/2007	2	--	--	--
HZL_BH-2	MZA	45–45	09/19/2007	910	--	--	--
HZL_BH-3	MZA	45–45	09/19/2007	400	--	--	--
HZL_BH-3	SZA	14–14	09/19/2007	<1.0	--	--	--
HZL_BH-9	MZA	45–45	09/19/2007	1100	--	--	--
HZL_BH-9	SZA	14–14	09/19/2007	<1.0	--	--	--
Kmart-HP-3	SZA	21–24	07/09/1993	0.8	--	--	--
Kragen's_B-1	SZA	5–10	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-1	SZA	25–29	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-2	SZA	5–10	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-2	MZA	31–35	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-3	SZA	5–10	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-3	SZA	26–30	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-4	SZA	5–10	10/10/2002	<5.0	<5.0	<5.0	--
Kragen's_B-4	SZA	26–30	10/10/2002	<5.0	<5.0	<5.0	--
LTLW-GW-1	SZA	10–14	01/09/2018	123	<1	<1	<1
LTLW-GW-1	SZA	22–26	01/09/2018	7.78	<0.5	<0.5	<0.5
LTLW-GW-1	MZA	41–45	01/09/2018	5.15	<0.5	<0.5	<0.5
LTLW-GW-1	MZA	59–63	01/09/2018	4.27	<0.5	<0.5	<0.5
LTLW-GW-1	UDZA	71–75	01/09/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-10	SZA	22–26	10/03/2018	10.7	<0.5	<0.5	<0.5
LTLW-GW-10	SZA	22–26	10/03/2018	9.44	<0.5	<0.5	<0.5
LTLW-GW-10	MZA	30–34	10/03/2018	23.2	<0.5	<0.5	<0.5
LTLW-GW-10	MZA	42–46	10/03/2018	148	3.82	1.74	<1
LTLW-GW-10	MZA	57–61	10/03/2018	290	8.26	5.04	<2.5
LTLW-GW-10	UDZA	70–74	10/03/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-11	SZA	22–26	10/04/2018	63.3	0.58	<0.5	<0.5
LTLW-GW-11	MZA	30–34	10/04/2018	596	29.2	18.1	<5
LTLW-GW-11	MZA	42–46	10/04/2018	1680	49.5	29.5	<10
LTLW-GW-11	MZA	56–60	10/04/2018	0.66	<0.5	<0.5	<0.5
LTLW-GW-11	UDZA	67–71	10/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-12	SZA	22–26	10/04/2018	6.3	<0.5	<0.5	<0.5
LTLW-GW-12	MZA	30–34	10/04/2018	11.5	<0.5	<0.5	<0.5
LTLW-GW-12	MZA	42–46	10/04/2018	10.9	<0.5	<0.5	<0.5
LTLW-GW-12	MZA	56–60	10/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-12	UDZA	67–71	10/05/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-13	SZA	14–18	03/13/2019	3.98	<0.5	<0.5	<0.5
LTLW-GW-13	SZA	14–18	03/13/2019	3.62	<0.5	<0.5	<0.5
LTLW-GW-13	SZA	25–29	03/13/2019	0.76	<0.5	<0.5	<0.5
LTLW-GW-13	MZA	42–46	03/13/2019	14.1	<0.5	<0.5	<0.5
LTLW-GW-13	MZA	58–62	03/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-13	UDZA	72–76	03/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-14	SZA	14–18	03/12/2019	11.7	<0.5	<0.5	<0.5

TABLE 2-7
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-GW-14	SZA	25–29	03/12/2019	3.4	<0.5	<0.5	<0.5
LTLW-GW-14	MZA	58–62	03/12/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-14	MZA	58–62	03/12/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-14	MZA	42–46	03/12/2019	40.4	<0.5	<0.5	<0.5
LTLW-GW-14	UDZA	72–76	03/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-15	SZA	14–18	03/13/2019	7.79	<0.5	<0.5	<0.5
LTLW-GW-15	SZA	25–29	03/13/2019	7.17	<0.5	0.92	<0.5
LTLW-GW-15	MZA	42–46	03/13/2019	94.4	<1	1.75	<1
LTLW-GW-15	MZA	58–62	03/13/2019	11	<0.5	<0.5	<0.5
LTLW-GW-15	UDZA	72–76	03/13/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	SZA	6–10	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	SZA	24–28	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	MZA	36–40	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	MZA	40–44	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	MZA	50–54	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	MZA	40–44	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	UDZA	65–69	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	SZA	6–10	04/23/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	SZA	24–28	04/23/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	MZA	36–40	04/23/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	MZA	40–44	04/23/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	MZA	50–54	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	UDZA	65–69	04/24/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	SZA	6–10	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	SZA	24–28	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	MZA	36–40	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	MZA	40–44	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	MZA	50–54	04/25/2019	0.64	<0.5	<0.5	<0.5
LTLW-GW-18	UDZA	65–69	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-19	SZA	6–10	04/26/2019	4.18	<0.5	<0.5	<0.5
LTLW-GW-19	SZA	16–20	04/26/2019	1.47	<0.5	<0.5	<0.5
LTLW-GW-19	SZA	24–28	04/26/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-19	MZA	41–45	04/26/2019	7.98	<0.5	<0.5	<0.5
LTLW-GW-19	MZA	59–63	04/26/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-19	UDZA	69–73	04/26/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-2	SZA	7–11	01/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-2	SZA	14–18	01/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-2	SZA	29–33	01/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-2	MZA	46–50	01/04/2018	1.41	<0.5	<0.5	<0.5
LTLW-GW-2	UDZA	72–76	01/04/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-20	SZA	6–10	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-20	MZA	41–45	04/25/2019	14.2	<0.5	<0.5	<0.5
LTLW-GW-20	MZA	48–52	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-20	SZA	28–32	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-20	UDZA	70–74	04/25/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	SZA	7–11	04/22/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	SZA	21–25	04/22/2019	<0.5	<0.5	<0.5	<0.5

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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW-GW-21	MZA	32–36	04/22/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	MZA	42–46	04/22/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	MZA	54–58	04/22/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	MZA	54–58	04/22/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	UDZA	68–72	04/23/2019	<0.5	<0.5	<0.5	<0.5
LTLW-GW-3	SZA	10–14	01/09/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-3	SZA	22–26	01/09/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-3	MZA	41–45	01/09/2018	31.7	0.66	<0.5	<0.5
LTLW-GW-3	MZA	59–63	01/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-3	UDZA	71–75	01/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-4	SZA	10–14	01/10/2018	3.15	<0.5	<0.5	<0.5
LTLW-GW-4	SZA	22–26	01/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-4	SZA	22–26	01/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-4	MZA	41–45	01/10/2018	16.3	<0.5	<0.5	<0.5
LTLW-GW-4	MZA	59–63	01/10/2018	0.62	<0.5	<0.5	<0.5
LTLW-GW-4	UDZA	71–75	01/10/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-5	SZA	10–14	01/08/2018	5.68	<0.5	<0.5	<0.5
LTLW-GW-5	SZA	10–14	01/08/2018	6.67	<0.5	<0.5	<0.5
LTLW-GW-5	SZA	22–26	01/08/2018	7.27	<0.5	<0.5	<0.5
LTLW-GW-5	MZA	38–42	01/08/2018	15.7	<0.5	<0.5	<0.5
LTLW-GW-5	MZA	56–60	01/08/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-5	UDZA	69–73	01/08/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-6	SZA	10–14	01/08/2018	6.38	0.7	0.64	<0.5
LTLW-GW-6	SZA	22–26	01/08/2018	0.62	<0.5	<0.5	<0.5
LTLW-GW-6	MZA	38–42	01/08/2018	0.56	<0.5	<0.5	<0.5
LTLW-GW-6	MZA	56–60	01/08/2018	0.55	<0.5	<0.5	<0.5
LTLW-GW-6	UDZA	69–73	01/08/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-7	SZA	10–14	01/05/2018	1.27	<0.5	<0.5	<0.5
LTLW-GW-7	SZA	22–26	01/05/2018	3.61	<0.5	<0.5	<0.5
LTLW-GW-7	SZA	22–26	01/05/2018	3.48	<0.5	<0.5	<0.5
LTLW-GW-7	MZA	38–42	01/05/2018	28.6	0.53	<0.5	<0.5
LTLW-GW-7	MZA	56–60	01/05/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-7	UDZA	69–73	01/05/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-8	SZA	22–26	10/02/2018	2.86	<0.5	<0.5	<0.5
LTLW-GW-8	MZA	30–34	10/02/2018	3.39	<0.5	<0.5	<0.5
LTLW-GW-8	MZA	42–46	10/02/2018	145	2.69	2.19	<1
LTLW-GW-8	MZA	58–62	10/02/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-8	UDZA	72–76	10/02/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-9	SZA	22–26	10/03/2018	7.8	<0.5	<0.5	<0.5
LTLW-GW-9	MZA	30–34	10/03/2018	16.1	1.06	0.67	<0.5
LTLW-GW-9	MZA	30–34	10/03/2018	16.3	1.06	0.64	<0.5
LTLW-GW-9	MZA	42–46	10/03/2018	503	8.37	6.4	<5
LTLW-GW-9	MZA	58–62	10/03/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-9	UDZA	72–76	10/03/2018	<0.5	<0.5	<0.5	<0.5
LTLW-GW-GGW-1	SZA	22–22	10/06/2003	2.4	<0.5	0.55	<0.50
LTLW-GW-GGW-10	SZA	20–20	04/26/2005	20	1.6	2.1	<0.5
LTLW-GW-GGW-2	SZA	24–24	10/06/2003	200	11	8.6	<1.0

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LTLW-GW-GGW-2	MZA	44–44	10/06/2003	15	1.5	4.9	<0.5
LTLW-GW-GGW-3	SZA	24–24	10/06/2003	690	48	150	<2.5
LTLW-GW-GGW-3	MZA	44–44	10/06/2003	2	<0.5	0.77	<0.5
LTLW-GW-GGW-3	MZA	44–44	10/06/2003	2.2	<0.5	1	<0.5
LTLW-GW-GGW-4	SZA	24–24	10/06/2003	0.6	<0.5	<0.5	<0.5
LTLW-GW-GGW-4	MZA	44–44	10/06/2003	0.56	<0.5	<0.5	<0.5
LTLW-GW-GGW-5	SZA	24–24	10/06/2003	560	1.2	<0.5	<0.5
LTLW-GW-GGW-5	MZA	47–47	10/06/2003	52	0.84	<0.5	<0.5
LTLW-GW-GGW-6	SZA	20–20	09/15/2004	<0.5	<0.5	<0.5	<0.5
LTLW-GW-GGW-6	MZA	44–44	09/15/2004	710	9.3	11	<2.5
LTLW-GW-GGW-7	SZA	18–18	09/15/2004	21	1	1.8	<0.5
LTLW-GW-GGW-7	MZA	44–44	09/15/2004	230	4.8	14	<1
LTLW-GW-GGW-8	SZA	26–26	09/14/2004	240	32	74	<1
LTLW-GW-GGW-8	MZA	51–51	09/14/2004	2.5	<0.5	<0.5	<0.5
LTLW-GW-GGW-9	SZA	20–20	04/26/2005	1000	42	40	<5.0
LTLW-GW-GGW-9	MZA	44–44	04/26/2005	1200	22	36	<5.0
LTLW-SB-1	SZA	27–27	09/15/2004	6.7	<0.5	<0.5	<0.5
LTLW-SB-3	SZA	27–27	09/15/2004	8.3	<0.5	<0.5	<0.5
LTLW-SB-4	SZA	26–26	09/14/2004	1.3	<0.5	<0.5	<0.5
LTLW-SB-4	SZA	26–26	09/14/2004	1.4	<0.5	<0.5	<0.5
LTLW-SB-5	SZA	26–26	09/14/2004	1.5	1.1	1.6	<0.5
LTLW_5E	SZA	19–23	07/05/2017	<0.5	<0.5	<0.5	<0.5
LTLW_5E	MZA	36–40	07/05/2017	63.3	2.05	<0.5	<0.5
LTLW_5E	MZA	45–49	07/05/2017	124	4.53	1.21	<1
LTLW_5E	UDZA	76–80	07/05/2017	<0.5	<0.5	<0.5	<0.5
LTLW_DUN1	SZA	20–24	06/23/2017	3.11	<0.5	<0.5	<0.5
LTLW_DUN1	SZA	28–32	06/23/2017	0.93	<0.5	<0.5	<0.5
LTLW_DUN1	MZA	52–56	06/23/2017	<0.5	<0.5	<0.5	<0.5
LTLW_DUN1	UDZA	66–70	06/23/2017	2.58	<0.5	<0.5	<0.5
LTLW_DUN2	SZA	20–24	06/27/2017	33.1	0.59	<0.5	<0.5
LTLW_DUN2	SZA	28–32	06/27/2017	16	<0.5	<0.5	<0.5
LTLW_DUN2	MZA	52–56	06/27/2017	0.74	<0.5	<0.5	<0.5
LTLW_DUN2	UDZA	66–70	06/27/2017	1.03	<0.5	<0.5	<0.5
LTLW_FIF	SZA	19–23	06/30/2017	2.7	<0.5	<0.5	<0.5
LTLW_FIF	MZA	36–40	06/30/2017	27.3	0.73	<0.5	<0.5
LTLW_FIF	MZA	45–49	06/30/2017	1040	20.8	11.8	<5
LTLW_FIF	UDZA	76–80	06/30/2017	0.51	<0.5	<0.5	<0.5
LTLW_J1	SZA	20–24	06/27/2017	5.35	<0.5	<0.5	<0.5
LTLW_J1	SZA	28–32	06/27/2017	9.95	<0.5	6.18	<0.5
LTLW_J1	MZA	52–56	06/27/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J1	UDZA	66–70	06/27/2017	0.9	<0.5	<0.5	<0.5
LTLW_J2	SZA	18–22	06/28/2017	25	<0.5	<0.5	<0.5
LTLW_J2	MZA	35–39	06/28/2017	694	14.3	<0.5	<5
LTLW_J2	UDZA	61–65	06/28/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J2	UDZA	66–70	06/28/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J3	SZA	18–22	06/28/2017	3.46	<0.5	<0.5	<0.5
LTLW_J3	MZA	35–39	06/28/2017	351	11.6	5.19	<5

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LTLW_J3	UDZA	61–65	06/28/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J3	UDZA	66–70	06/29/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J4	SZA	18–22	06/29/2017	12	<0.5	<0.5	<0.5
LTLW_J4	MZA	35–39	06/29/2017	718	14.4	10.4	<5
LTLW_J4	UDZA	61–65	06/29/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J4	UDZA	66–70	06/29/2017	0.53	<0.5	<0.5	<0.5
LTLW_J5	SZA	18–22	06/29/2017	18.5	<0.5	<0.5	<0.5
LTLW_J5	MZA	35–39	06/29/2017	338	8.64	3.65	<2.5
LTLW_J5	UDZA	61–65	06/29/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J5	UDZA	66–70	06/30/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J6	SZA	25–29	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J6	SZA	25–29	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J6	MZA	41–45	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_J6	MZA	49–53	07/06/2017	0.68	<0.5	<0.5	<0.5
LTLW_J6	UDZA	69–73	07/06/2017	99.1	1.45	1.16	<0.5
LTLW_KM1	SZA	17–21	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM1	SZA	28–32	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM1	MZA	40–44	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM1	UDZA	66–70	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM2	SZA	17–21	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM2	SZA	28–32	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM2	MZA	40–44	06/26/2017	<0.5	<0.5	<0.5	<0.5
LTLW_KM2	UDZA	66–70	06/27/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB1	SZA	18–22	07/20/2017	1.01	<0.5	<0.5	<0.5
LTLW_LTB1	SZA	28–32	07/20/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB1	MZA	41–45	07/20/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB1	MZA	48–52	07/20/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB1	UDZA	70–74	07/20/2017	9.57	<0.5	<0.5	<0.5
LTLW_LTB2	MZA	35–39	07/19/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB2	SZA	18–22	07/19/2017	0.68	<0.5	<0.5	<0.5
LTLW_LTB2	SZA	28–32	07/19/2017	0.72	<0.5	<0.5	<0.5
LTLW_LTB2	MZA	35–39	07/19/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB2	MZA	45–49	07/19/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB2	MZA	54–58	07/19/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB3	SZA	18–22	07/19/2017	0.91	<0.5	<0.5	<0.5
LTLW_LTB3	SZA	28–32	07/19/2017	1.18	<0.5	<0.5	<0.5
LTLW_LTB3	MZA	41–45	07/19/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB3	MZA	48–52	07/20/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB3	UDZA	70–74	07/20/2017	5.48	<0.5	<0.5	<0.5
LTLW_LTB4	SZA	18–22	07/18/2017	1.02	<0.5	<0.5	<0.5
LTLW_LTB4	SZA	18–22	07/18/2017	1.03	<0.5	<0.5	<0.5
LTLW_LTB4	SZA	24–28	07/18/2017	0.58	<0.5	<0.5	<0.5
LTLW_LTB4	MZA	35–39	07/18/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB4	MZA	45–49	07/18/2017	<0.5	<0.5	<0.5	<0.5
LTLW_LTB4	MZA	54–58	07/19/2017	<0.5	<0.5	<0.5	<0.5
LTLW_ROG	SZA	25–29	07/07/2017	<0.5	<0.5	<0.5	<0.5
LTLW_ROG	SZA	25–29	07/07/2017	<0.5	<0.5	<0.5	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
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South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
LTLW_ROG	MZA	41–45	07/07/2017	<0.5	<0.5	<0.5	<0.5
LTLW_ROG	MZA	49–53	07/07/2017	0.78	<0.5	<0.5	<0.5
LTLW_ROG	UDZA	69–73	07/07/2017	30.5	0.61	0.93	<0.5
LTLW_TATA	UDZA	70–74	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TATA	SZA	24–28	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TATA	MZA	44–48	07/06/2017	4.34	<0.5	<0.5	<0.5
LTLW_TATA	UDZA	60–64	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TATA	UDZA	70–74	07/06/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TEN	SZA	25–29	06/23/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TEN	MZA	41–45	06/23/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TEN	MZA	49–53	06/23/2017	<0.5	<0.5	<0.5	<0.5
LTLW_TEN	UDZA	69–73	06/23/2017	22	<0.5	<0.5	<0.5
NAPA-GP-1	SZA	20–20	01/10/2002	48	<1.0	2.7	--
NAPA-GP-1	MZA	48–48	01/10/2002	330	<4.0	<4.0	--
NAPA-GP-11	SZA	24–24	11/07/2003	1.3	<1.0	--	--
NAPA-GP-11	MZA	44–44	11/07/2003	2200	55	--	--
NAPA-GP-12	SZA	24–24	11/07/2003	110	7.9	--	--
NAPA-GP-12	MZA	44–44	11/07/2003	1400	44	--	--
NAPA-GP-13	SZA	24–24	11/07/2003	3.7	<1.0	--	--
NAPA-GP-13	MZA	44–44	11/07/2003	760	18	--	--
NAPA-GP-14	SZA	24–24	11/06/2003	<1.0	<1.0	--	--
NAPA-GP-14	MZA	44–44	11/06/2003	220	22	--	--
NAPA-GP-15	SZA	24–24	11/06/2003	<1.0	<1.0	--	--
NAPA-GP-15	MZA	44–44	11/06/2003	230	6.1	--	--
NAPA-GP-16	SZA	24–24	11/06/2003	2.1	<1.0	--	--
NAPA-GP-16	MZA	44–44	11/06/2003	500	14	--	--
NAPA-GP-2	SZA	20–20	01/10/2002	97	1	1.7	--
NAPA-GP-2	MZA	48–48	01/10/2002	1700	25	49	--
NAPA-GP-2	MZA	44–44	11/05/2003	<1.0	<1.0	--	--
NAPA-GP-2	MZA	44–44	11/05/2003	190	5.4	--	--
NAPA-GP-3	SZA	20–20	01/10/2002	120	2.5	4.1	--
NAPA-GP-3	MZA	48–48	01/10/2002	3000	53	95	--
NAPA-GP-3	SZA	24–24	11/05/2003	<1.0	<1.0	--	--
NAPA-GP-3	MZA	44–44	11/05/2003	210	4.1	--	--
NAPA-GP-4	SZA	20–20	01/10/2002	130	3.8	13	--
NAPA-GP-4	MZA	48–48	01/10/2002	1700	32	57	--
NAPA-GP-4	SZA	24–24	11/05/2003	<1.0	<1.0	--	--
NAPA-GP-4	MZA	44–44	11/05/2003	350	12	--	--
NAPA-GP-5	SZA	24–24	11/05/2003	<1.0	<1.0	--	--
NAPA-GP-5	MZA	44–44	11/05/2003	94	3.1	--	--
NAPA-GP-6	SZA	24–24	11/05/2003	<1.0	<1.0	--	--
NAPA-GP-6	MZA	44–44	11/05/2003	800	17	--	--
NAPA-GP-7	SZA	24–24	11/06/2003	1.1	<1.0	--	--
NAPA-GP-7	MZA	44–44	11/06/2003	1300	29	--	--
NAPA-GP-8	SZA	24–24	11/06/2003	<1.0	<1.0	<1.0	--
NAPA-GP-8	MZA	44–44	11/06/2003	1300	28	58	--
NAPA-GP-9	SZA	24–24	11/06/2003	<1.0	<1.0	<1.0	--

TABLE 2-7
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NAPA-GP-9	MZA	44–44	11/06/2003	1200	28	53	--
P1-10	SZA	7–11	09/15/1997	<0.5	<0.5	<0.5	--
P1-10	SZA	7–11	09/15/1997	<0.5	<0.5	<0.5	--
P1-11	SZA	12–16	09/09/1997	<0.5	<0.5	<0.5	--
P1-12	SZA	11–15	09/10/1997	<0.5	<0.5	<0.5	--
P1-121	SZA	11–15	09/10/1997	<0.5	<0.5	<0.5	--
P1-121	SZA	27–31	09/16/1997	<0.5	<0.5	<0.5	--
P1-13	SZA	14–18	09/13/1997	<0.5	<0.5	<0.5	--
P1-13	SZA	14–18	09/13/1997	<0.5	<0.5	<0.5	--
P1-14	SZA	9–13	09/10/1997	<0.5	<0.5	<0.5	--
P1-15	SZA	3–7	09/10/1997	<0.5	<0.5	<0.5	--
P1-16	SZA	19–23	09/15/1997	<0.5	<0.5	<0.5	--
P1-18	SZA	7–11	09/12/1997	<0.5	<0.5	<0.5	--
P1-19	SZA	16–20	09/15/1997	<0.5	<0.5	<0.5	--
P1-1a	SZA	11–15	09/09/1997	<0.5	<0.5	<0.5	--
P1-1b	SZA	11–15	09/09/1997	<0.5	<0.5	<0.5	--
P1-1c	SZA	11–15	09/09/1997	<0.5	<0.5	<0.5	--
P1-1d	SZA	11–15	09/09/1997	<0.5	<0.5	<0.5	--
P1-1e	MZA	30–34	09/16/1997	<0.5	<0.5	<0.5	--
P1-1f	MZA	43–47	09/16/1997	<0.5	<0.5	<0.5	--
P1-20	SZA	15–19	09/16/1997	<0.5	<0.5	<0.5	--
P1-201	SZA	5–5	09/30/1997	<0.5	<0.5	<0.5	--
P1-201	MZA	36–38	09/30/1997	<0.5	<0.5	<0.5	--
P1-202	MZA	35–37	09/30/1997	<0.5	<0.5	<0.5	--
P1-203	SZA	12–14	09/30/1997	<0.5	<0.5	<0.5	--
P1-205	SZA	20–22	09/30/1997	1	<0.5	<0.5	--
P1-205	SZA	20–22	09/30/1997	1.5	<0.5	0.6	--
P1-206	SZA	26–28	09/29/1997	<0.5	<0.5	<0.5	--
P1-207	MZA	37–39	09/29/1997	<0.5	<0.5	<0.5	--
P1-209	SZA	8–10	09/29/1997	<0.5	<0.5	<0.5	--
P1-21	SZA	19–23	09/15/1997	<0.5	<0.5	<0.5	--
P1-210	SZA	10–13	10/24/1997	<0.5	<0.5	<0.5	--
P1-211	SZA	11–15	10/24/1997	<0.5	<0.5	<0.5	--
P1-212	SZA	13–15	09/29/1997	<0.5	<0.5	<0.5	--
P1-213	SZA	7–9	09/29/1997	12	1.7	4.5	--
P1-214	SZA	8–10	09/29/1997	<0.5	<0.5	<0.5	--
P1-215	SZA	7–9	09/29/1997	<0.5	<0.5	<0.5	--
P1-215	SZA	7–9	09/29/1997	<0.5	<0.5	<0.5	--
P1-216	SZA	8–10	09/29/1997	<0.5	<0.5	<0.5	--
P1-217	SZA	10–14	09/30/1997	<0.5	<0.5	<0.5	--
P1-217	SZA	16–18	09/30/1997	<0.5	<0.5	<0.5	--
P1-22	SZA	18–22	09/15/1997	<0.5	<0.5	<0.5	--
P1-23a	SZA	15–19	09/15/1997	<0.5	<0.5	<0.5	--
P1-23b	SZA	19–23	09/15/1997	5.7	<0.5	<0.5	--
P1-24a	SZA	16–20	09/11/1997	<0.5	<0.5	<0.5	--
P1-24c	SZA	6–10	09/10/1997	<0.5	<0.5	<0.5	--
P1-24d	SZA	3–7	09/10/1997	<0.5	<0.5	<0.5	--

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P1-24e	SZA	10–12	09/11/1997	<0.5	<0.5	<0.5	--
P1-25	SZA	15–19	09/16/1997	<0.5	<0.5	<0.5	--
P1-26	SZA	7–11	09/10/1997	<0.5	<0.5	<0.5	--
P1-27	SZA	3–7	09/10/1997	<0.5	<0.5	<0.5	--
P1-27	SZA	20–24	09/16/1997	<0.5	<0.5	<0.5	--
P1-27	SZA	20–24	09/16/1997	<0.5	<0.5	<0.5	--
P1-28	SZA	10–14	09/10/1997	<0.5	<0.5	<0.5	--
P1-29	SZA	13–14	09/11/1997	<0.5	<0.5	<0.5	--
P1-2a	SZA	19–23	09/12/1997	<0.5	<0.5	<0.5	--
P1-2c	SZA	19–23	09/12/1997	<0.5	<0.5	<0.5	--
P1-2d	SZA	18–22	09/12/1997	<0.5	<0.5	<0.5	--
P1-2e	SZA	18–22	09/12/1997	<0.5	<0.5	<0.5	--
P1-2f	SZA	19–23	09/12/1997	<0.5	<0.5	<0.5	--
P1-3	SZA	11–15	09/10/1997	<0.5	<0.5	<0.5	--
P1-4	SZA	10–14	09/11/1997	3.1	0.7	3.4	--
P1-5	SZA	5–9	09/11/1997	<0.5	<0.5	<0.5	--
P1-6	SZA	6–10	09/11/1997	<0.5	<0.5	<0.5	--
P1-7	SZA	7–11	09/11/1997	<0.5	<0.5	<0.5	--
P1-8	SZA	7–11	09/11/1997	<0.5	<0.5	<0.5	--
P1-8	SZA	7–11	09/11/1997	<0.5	<0.5	<0.5	--
P1-9	SZA	10–14	09/12/1997	<0.5	<0.5	<0.5	--
P1_24c	SZA	6–10	09/10/1997	<0.5	<0.5	<0.5	--
PL-16	SZA	25–25	06/10/1999	ND	--	--	--
PL-16	MZA	50–50	06/10/1999	25	--	--	--
PL-16	LDZA	80–80	06/10/1999	83	--	--	--
RA-01	SZA	20–20	01/01/2001	1.5	--	--	--
RA-01	MZA	40–40	01/01/2001	69	--	--	--
SB-01	SZA	16–16	10/29/2015	<0.5	--	--	--
SB-02	SZA	16–16	11/13/2015	<0.5	--	--	--
SB-02	SZA	24–24	11/13/2015	<0.5	--	--	--
SB-03	SZA	24–24	10/30/2015	<0.5	--	--	--
SB-03	SZA	24–24	10/30/2015	<0.5	--	--	--
SB-03	MZA	32–32	10/30/2015	<0.5	--	--	--
SB-04	SZA	16–16	11/12/2015	<0.5	--	--	--
SB-04	SZA	18–18	11/12/2015	<0.5	--	--	--
SB-05	SZA	16–16	10/28/2015	<0.5	--	--	--
SB-05	SZA	24–24	10/28/2015	<0.5	--	--	--
SB-06	SZA	14–14	10/30/2015	<0.5	--	--	--
SB-06	SZA	24–24	10/30/2015	<0.5	--	--	--
SB-07	SZA	16–16	10/28/2015	<0.5	--	--	--
SB-07	SZA	26–26	10/28/2015	<0.5	--	--	--
SB-08	SZA	14–14	11/12/2015	1.8	--	--	--
SB-08	SZA	28–28	11/12/2015	<0.5	--	--	--
SB-09	SZA	16–16	10/28/2015	1.4	--	--	--
SB-09	SZA	16–16	10/28/2015	1.2	--	--	--
SB-09	SZA	24–24	10/28/2015	<0.5	--	--	--
SB-10	SZA	16–16	10/28/2015	1.6	--	--	--

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SB-10	SZA	26–26	10/28/2015	<0.5	--	--	--
SB-11	SZA	12–12	10/28/2015	<0.5	--	--	--
SB-11	SZA	22–22	10/28/2015	<0.5	--	--	--
SB-12	SZA	12–12	10/29/2015	<0.5	--	--	--
SB-12	SZA	22–22	10/29/2015	<0.5	--	--	--
SB-13	SZA	16–16	10/27/2015	<0.5	--	--	--
SB-13	SZA	26–26	10/27/2015	<0.5	--	--	--
SB-14	SZA	20–20	10/27/2015	<0.5	--	--	--
SB-14	SZA	20–20	10/27/2015	<0.5	--	--	--
SB-14	MZA	30–30	10/27/2015	<0.5	--	--	--
SB-15	SZA	20–20	10/27/2015	<0.5	--	--	--
SB-15	MZA	30–30	10/27/2015	<0.5	--	--	--
SB-16	SZA	20–20	10/26/2015	<0.5	--	--	--
SB-16	MZA	30–30	10/26/2015	<0.5	--	--	--
SB-17	SZA	20–20	10/26/2015	<0.5	--	--	--
SB-17	MZA	30–30	10/26/2015	<0.5 UJ	--	--	--
SB-18	SZA	12–12	10/29/2015	<0.5 UJ	--	--	--
SB-19	SZA	26–26	10/26/2015	<0.5 UJ	--	--	--
SB-19	MZA	36–36	10/26/2015	0.6	--	--	--
SB-20	MZA	32–32	11/13/2015	<0.5	--	--	--
SB-21	SZA	20–20	11/12/2015	<0.5	--	--	--
SB-21	SZA	20–20	11/12/2015	<0.5	--	--	--
SB-21	MZA	32–32	11/12/2015	3	--	--	--
SB-22	SZA	20–20	11/13/2015	<0.5	--	--	--
SB-22	MZA	32–32	11/13/2015	<0.5	--	--	--
SONIC01	LDZA	113–115	06/18/2019	<0.5	<0.5	<0.5	<0.5
SONIC01	LDZA	126–128	06/18/2019	<0.5	<0.5	<0.5	<0.5
SONIC01	LDZA	143–145	06/18/2019	<0.5	<1	<1	<1
SONIC01	LDZA	183–185	06/19/2019	<0.5	<0.5	<0.5	<0.5
SONIC01	LDZA	233–235	06/19/2019	<0.5	<0.5	<0.5	<0.5
SONIC01	LDZA	253–255	06/19/2019	<0.5	<0.5	<0.5	<0.5
SONIC01	LDZA	253–255	06/20/2019	<0.5	<0.5	<0.5	<0.5
SONIC01	LDZA	273–275	06/20/2019	<0.5	<0.5	<0.5	<0.5
SONIC02	UDZA	76–78	06/24/2019	63	0.6	0.3	<0.5
SONIC02	LDZA	90–92	06/24/2019	91	1.5	1.6	<0.5
SONIC02	LDZA	123–125	06/25/2019	10	0.1	0.1	<0.5
SONIC02	LDZA	163–165	06/25/2019	50	0.9	1.3	<0.5
SONIC02	LDZA	183–185	06/25/2019	34	0.6	0.9	<0.5
SONIC02	LDZA	183–185	06/25/2019	34	0.6	0.8	<0.5
SONIC02	LDZA	213–215	06/26/2019	<0.5	<0.5	<0.5	<0.5
SONIC02	LDZA	243–245	06/26/2019	<0.5	<0.5	<0.5	<0.5
SONIC03	MZA	50–52	07/01/2019	4.9	0.1	0.2	<0.5
SONIC03	UDZA	70–70	07/01/2019	71	1.1	0.6	<0.5
SONIC03	LDZA	110–110	07/01/2019	44	0.8	0.7	<0.5
SONIC03	LDZA	140–140	07/03/2019	40	0.7	0.3	<0.5
SONIC03	LDZA	178–178	07/03/2019	18	0.3	0.4	<0.5
SONIC03	LDZA	178–178	07/03/2019	17	0.3	0.4	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SONIC03	LDZA	213–215	07/08/2019	<0.5	<0.5	<0.5	<0.5
SONIC03	LDZA	243–245	07/08/2019	<0.5	<0.5	<0.5	<0.5
SONIC04	LDZA	148–150	07/12/2019	9.1	<0.5	<0.5	<0.5
SONIC04	LDZA	163–165	07/12/2019	0.3	<0.5	<0.5	<0.5
SONIC04	LDZA	173–175	07/15/2019	<0.5	<0.5	<0.5	<0.5
SONIC04	LDZA	248–250	07/15/2019	<0.5	<0.5	<0.5	<0.5
SONIC04	LDZA	288–290	07/16/2019	<0.5	<0.5	<0.5	<0.5
SONIC05	LDZA	93–95	07/29/2019	7.3	<0.5	<0.5	<0.5
SONIC05	LDZA	93–95	07/29/2019	6.8	<0.5	<0.5	<0.5
SONIC05	LDZA	123–125	07/29/2019	36	0.6	1.1	<0.5
SONIC05	LDZA	138–140	07/30/2019	58	1	1.7	<0.5
SONIC05	LDZA	168–170	07/30/2019	<0.5	<170	--	53
SONIC05	LDZA	183–185	07/31/2019	<0.5	<0.5	<0.5	<0.5
SONIC05	LDZA	213–215	07/31/2019	<0.5	<0.5	<0.5	<0.5
SONIC05	LDZA	243–245	07/31/2019	<0.5	<0.5	<0.5	<0.5
SONIC05	LDZA	273–275	07/31/2019	<0.5	<0.5	<0.5	<0.5
SONIC05	LDZA	303–305	07/31/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	UDZA	63–65	07/18/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	103–105	07/18/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	143–145	07/19/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	143–145	07/19/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	183–185	07/22/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	203–205	07/22/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	223–225	07/23/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	243–245	07/23/2019	<0.5	<0.5	<0.5	<0.5
SONIC06	LDZA	283–285	07/24/2019	<0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	93–95	08/05/2019	<0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	133–135	08/05/2019	0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	133–135	08/05/2019	0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	148–150	08/06/2019	1.1	<0.5	<0.5	<0.5
SONIC07	LDZA	163–165	08/06/2019	<0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	178–180	08/07/2019	<0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	213–215	08/07/2019	0.3	<0.5	<0.5	<0.5
SONIC07	LDZA	243–245	08/07/2019	<0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	273–275	08/07/2019	<0.5	<0.5	<0.5	<0.5
SONIC07	LDZA	303–305	08/07/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	103–105	08/22/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	123–125	08/26/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	163–165	08/26/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	183–185	08/26/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	183–185	08/26/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	213–215	08/27/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	243–245	08/27/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	273–275	08/27/2019	<0.5	<0.5	<0.5	<0.5
SONIC08	LDZA	305–307	08/27/2019	<0.5	<0.5	<0.5	<0.5
SONIC09	LDZA	113–115	08/13/2019	26	0.3	<0.5	<0.5
SONIC09	LDZA	133–135	08/14/2019	30	0.5	0.4	<0.5

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SONIC09	LDZA	153–155	08/14/2019	0.9	<0.5	<0.5	<0.5
SONIC09	LDZA	153–155	08/14/2019	0.7	<0.5	<0.5	<0.5
SONIC09	LDZA	173–175	08/14/2019	<0.5	<0.5	<0.5	<0.5
SONIC09	LDZA	193–195	08/14/2019	<0.5	<0.5	<0.5	<0.5
SONIC09	LDZA	233–235	08/15/2019	<0.5	<0.5	<0.5	<0.5
SONIC09	LDZA	263–265	08/15/2019	<0.5	<0.5	<0.5	<0.5
SONIC09	LDZA	303–305	08/15/2019	<0.5	<0.5	<0.5	<0.5
SONIC10	LDZA	103–105	08/29/2019	50	0.6	0.5	<0.5
SONIC10	LDZA	123–125	08/29/2019	550	6.4	9	<1.7
SONIC10	LDZA	143–145	08/29/2019	230	5.2	8	<1.3
SONIC10	LDZA	163–165	08/30/2019	260	5	8.1	<1
SONIC10	LDZA	183–185	08/30/2019	0.6	<0.5	<0.5	<0.5
SONIC10	LDZA	213–215	09/03/2019	<0.5	<0.5	<0.5	<0.5
SONIC10	LDZA	213–215	09/03/2019	<0.5	<0.5	<0.5	<0.5
SONIC10	LDZA	273–275	09/03/2019	<0.5	<0.5	<0.5	<0.5
SONIC10	LDZA	303–305	09/03/2019	<0.5	<0.5	<0.5	0.2
SONIC11	LDZA	113–115	09/09/2019	8.5	--	<0.5	<0.5
SONIC11	LDZA	133–135	09/09/2019	8.1	--	<0.5	<0.5
SONIC11	LDZA	153–155	09/10/2019	1.9	<0.5	<0.5	<0.5
SONIC11	LDZA	153–155	09/10/2019	1.6	<0.5	<0.5	<0.5
SONIC11	LDZA	173–175	09/10/2019	<0.5	<0.5	<0.5	<0.5
SONIC11	LDZA	193–195	09/10/2019	1	<0.5	<0.5	<0.5
SONIC11	LDZA	215–217	09/10/2019	<0.5	<0.5	<0.5	<0.5
SONIC12	LDZA	113–115	09/13/2019	9.6	--	<0.5	<0.5
SONIC12	LDZA	133–135	09/13/2019	0.7	--	<0.5	<0.5
SONIC12	LDZA	153–155	09/13/2019	<0.5	--	<0.5	<0.5
SONIC12	LDZA	173–175	09/16/2019	<0.5	--	<0.5	<0.5
SONIC12	LDZA	173–175	09/17/2019	<0.5	--	<0.5	<0.5
SONIC12	LDZA	223–225	09/17/2019	<0.5	--	<0.5	<0.5
SONIC12	LDZA	253–255	09/17/2019	<0.5	--	<0.5	<0.5
SONIC12	LDZA	283–285	09/17/2019	<0.5	--	<0.5	<0.5
SONIC13	LDZA	93–95	09/23/2019	<0.5	--	<0.5	<0.5
SONIC13	LDZA	113–115	09/23/2019	<0.5	--	<0.5	<0.5
SONIC13	LDZA	133–135	09/23/2019	0.2	--	<0.5	<0.5
SONIC13	LDZA	153–155	09/23/2019	<0.5	--	<0.5	<0.5
SONIC13	LDZA	163–165	09/24/2019	<0.5	--	<0.5	<0.5
SONIC13	LDZA	183–185	09/24/2019	3.6	--	<0.5	<0.5
SONIC13	LDZA	203–205	09/24/2019	0.9	--	<0.5	<0.5
SONIC13	LDZA	223–225	09/24/2019	4.9	--	<0.5	<0.5
SONIC14	SZA	5–9	07/14/2020	<0.5	--	<0.5	<1
SONIC14	UDZA	61–63	07/14/2020	<0.5	--	<0.5	<1
SONIC14	LDZA	81–85	07/14/2020	<0.5	--	<0.5	<1
SONIC14	LDZA	111–115	07/14/2020	26	--	<0.5	<1
SONIC14	LDZA	142–145	07/16/2020	<0.5	--	<0.5	<1
SONIC14	LDZA	221–225	07/16/2020	<0.5	--	<0.5	<1
SONIC14	LDZA	221–225	07/16/2020	<0.5	--	<0.5	<1
SONIC14	LDZA	316–320	07/16/2020	<0.5	--	<0.5	<1

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
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South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SONIC15	MZA	36–40	07/21/2020	1	--	<0.5	<1
SONIC15	UDZA	71–74	07/21/2020	320	--	0.49	<1
SONIC15	LDZA	116–120	07/21/2020	<0.5	--	<0.5	<1
SONIC15	LDZA	136–140	07/21/2020	<0.5	--	<0.5	<1
SONIC15	LDZA	186–190	07/22/2020	<0.5	--	<0.5	<1
SONIC15	LDZA	246–250	07/22/2020	<0.5	--	<0.5	<1
SONIC16	MZA	53–55	08/28/2020	47	--	<0.5	<1
SONIC16	UDZA	73–75	08/28/2020	75	--	<0.5	<1
SONIC16	LDZA	91–93	08/31/2020	9.6	--	<0.5	<1
SONIC16	LDZA	91–93	08/31/2020	10	--	<0.5	<1
SONIC16	LDZA	133–135	08/31/2020	<0.5	--	<0.5	<1
SONIC16	LDZA	223–225	09/01/2020	<0.5	--	<0.5	<1
SONIC16	LDZA	173–175	09/02/2020	<0.5	--	<0.5	<1
SONIC17	SZA	18–20	07/30/2020	<0.5	--	<0.5	<1
SONIC17	MZA	31–35	07/30/2020	1.5	--	<0.5	<1
SONIC17	LDZA	83–85	07/30/2020	5.4	--	<0.5	<1
SONIC17	LDZA	98–100	07/31/2020	5.3	--	<0.5	<1
SONIC17	LDZA	138–140	07/31/2020	<0.5	--	<0.5	<1
SONIC17	LDZA	198–200	08/03/2020	<0.5	--	<0.5	<1
SONIC17	LDZA	223–225	08/03/2020	<0.5	--	<0.5	<1
SONIC18	UDZA	71–75	08/05/2020	<0.5	--	<0.5	<1
SONIC18	LDZA	96–100	08/05/2020	<0.5	--	<0.5	<1
SONIC18	LDZA	161–165	08/06/2020	0.59	--	<0.5	<1
SONIC18	LDZA	211–215	08/06/2020	0.32	--	<0.5	<1
SONIC18	LDZA	241–245	08/07/2020	0.97	--	<0.5	<1
SONIC19	SZA	13–15	08/10/2020	<0.5	--	<0.5	<1
SONIC19	SZA	21–25	08/11/2020	<0.5	--	<0.5	<1
SONIC19A	UDZA	63–65	08/19/2020	<0.5	--	<0.5	<1
SONIC19A	LDZA	83–85	08/19/2020	140	--	2.2	<1
SONIC19A	LDZA	103–105	08/19/2020	3.4	--	<0.5	<1
SONIC19A	LDZA	123–125	08/24/2020	3.8	--	<0.5	<1
SONIC19A	LDZA	203–205	08/25/2020	1.4	--	<0.5	<1
SONIC19A	LDZA	203–205	08/25/2020	1.7	--	<0.5	<1
SONIC19A	LDZA	248–250	08/26/2020	<0.5	--	<0.5	<1
SONIC20	MZA	33–35	08/04/2020	0.38	--	<0.5	<1
SONIC20	UDZA	63–65	08/04/2020	88	--	1.7	<1
SONIC20	UDZA	63–65	08/04/2020	120	--	1.7	<1
SONIC20	UDZA	78–80	08/04/2020	160	--	1.6	<1
SONIC20	LDZA	168–170	08/05/2020	2	--	<0.5	<1
SONIC20	LDZA	203–205	08/06/2020	<0.5	--	<0.5	<1
SONIC20	LDZA	248–250	08/06/2020	<0.5	--	<0.5	<1
SONIC21	MZA	37–40	08/12/2020	<0.5	<0.5	<0.5	<1
SONIC21	UDZA	78–80	08/12/2020	<0.5	<0.5	<0.5	<1
SONIC21	LDZA	94–95	08/12/2020	<0.5	<0.5	<0.5	<1
SONIC21	LDZA	168–170	08/13/2020	<0.5	<0.5	<0.5	<1
SONIC21	LDZA	183–185	08/13/2020	<0.5	<0.5	<0.5	<1
SONIC21	LDZA	248–250	08/14/2020	<0.5	<0.5	<0.5	<1

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
SONIC22	MZA	41–45	07/27/2020	15	0.46	<0.5	<1
SONIC22	MZA	51–55	07/27/2020	15	0.36	<0.5	<1
SONIC22	UDZA	72–75	07/27/2020	15	0.4	<0.5	<1
SONIC22	UDZA	72–75	07/27/2020	15	0.43	<0.5	<1
SONIC22	LDZA	87–90	07/27/2020	2.7	<0.5	<0.5	<1
SONIC22	LDZA	121–125	07/28/2020	<0.5	<0.5	<0.5	<1
SONIC22	LDZA	156–160	07/28/2020	<0.5	<0.5	<0.5	<1
SONIC22	LDZA	253–255	07/28/2020	<0.5	<0.5	<0.5	<1
SONIC5A	LDZA	148–150	08/21/2019	78	1.7	2.9	<0.5
SONIC5A	LDZA	168–170	08/21/2019	0.1	<0.5	<0.5	<0.5
SSM-HP-1	SZA	25–25	03/30/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-1	UDZA	70–70	03/30/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-2	SZA	27–27	03/31/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-2	MZA	57–57	03/31/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-3	MZA	30–30	03/30/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-3	UDZA	70–70	03/30/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-4	LDZA	80–80	04/06/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-5	SZA	25–25	04/20/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-5	MZA	50–50	04/20/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-6	SZA	25–25	04/20/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-6	MZA	50–50	04/20/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-7	SZA	25–25	04/21/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-7	MZA	50–50	04/21/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-8	SZA	25–25	04/21/1999	<1.0	<1.0	<1.0	<1.0
SSM-HP-8	MZA	50–50	04/21/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-1	SZA	25–25	10/13/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-1	LDZA	80–80	10/14/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-1	LDZA	120–120	10/18/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-2	SZA	25–25	10/21/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-2	LDZA	80–80	10/21/1999	1.7	<1.0	<1.0	<1.0
SSM-SB-2	LDZA	114–114	10/22/1999	1.1	<1.0	<1.0	<1.0
SSM-SB-3	SZA	25–25	10/13/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-3	LDZA	80–80	10/13/1999	1.7	<1.0	<1.0	<1.0
SSM-SB-3	LDZA	120–120	10/14/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-4	SZA	25–25	10/19/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-4	LDZA	114–114	10/20/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-4	LDZA	80–80	10/20/1999	1.1	<1.0	<1.0	<1.0
SSM-SB-5	SZA	25–25	10/14/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-5	LDZA	112–112	10/19/1999	<1.0	<1.0	<1.0	<1.0
SSM-SB-5	LDZA	80–80	10/19/1999	2.5	<1.0	<1.0	<1.0
STH-1	MZA	38–38	05/06/1998	<0.5	<0.5	<0.5	<0.5
STHS-PL-1	SZA	16–16	04/21/1999	<0.5	<0.5	<0.5	<0.5
STHS-PL-1	MZA	41–41	04/21/1999	<0.5	<0.5	<0.5	<0.5
STHS-PL-2	SZA	12–12	04/21/1999	<0.5	<0.5	<0.5	<0.5
STHS-PL-2	MZA	36–36	04/21/1999	<0.5	<0.5	<0.5	<0.5
STHS-PL-3	MZA	41–41	04/21/1999	<0.5	<0.5	<0.5	<0.5
South Y Shell	SZA	20–20	01/01/2001	18	--	--	--

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
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Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)
South Y Shell	MZA	40–40	01/01/2001	9	--	--	--
Stage-SBT-1	SZA	6–6	01/15/1999	<1.0	<1.0	<1.0	<1.0
Stage-SBT-2	SZA	8–8	01/15/1999	<1.0	<1.0	<1.0	<1.0
Stage-SBT-3	SZA	13–13	01/15/1999	<1.0	<1.0	<1.0	<1.0
Stage-SBT-4	SZA	7–6	01/15/1999	<1.0	<1.0	<1.0	<1.0
Stage-SBT-5	SZA	7–7	01/15/1999	<1.0	<1.0	<1.0	<1.0
Stage-SBT-6	SZA	5–5	01/15/1999	<1.0	<1.0	<1.0	<1.0
Stage-SBT-6	SZA	5–5	01/15/1999	<1.0	<1.0	<1.0	<1.0
TA-B-1	SZA	23–23	02/07/1995	18	--	--	--
TA-B-2	SZA	29–29	02/07/1995	5.6	--	--	--
TA-B-3	MZA	35–35	02/07/1995	1	--	--	--
TCI_GP-1	MZA	45–45	01/24/2001	130	<5.0	<5.0	<10
TCI_GP-2	SZA	24–24	01/25/2001	<5.0	<5.0	<5.0	<10
TCI_GP-3	SZA	24–24	01/25/2001	<5.0	<5.0	<5.0	<10
TCI_GP-4	SZA	20–20	01/25/2001	<5.0	<5.0	<5.0	<10
TCI_HA-1	SZA	12–12	01/24/2001	<5.0	<5.0	<5.0	<10
TCI_HP-1	SZA	15–15	02/24/2000	ND	--	--	--
TCI_HP-1	MZA	50–50	02/24/2000	130	--	--	--
TCI_HP-1	LDZA	80–80	02/24/2000	190	--	--	--
TCI_HP-2	LDZA	80–80	02/22/2000	57	--	--	--
TCI_HP-2	SZA	15–15	01/24/2001	<5.0	<5.0	<5.0	<10
TCI_HP-2	MZA	50–50	01/24/2001	430	<50	<50	<100
TCI_HP-3	LDZA	80–80	02/22/2000	28	--	--	--
TCI_HP-3	SZA	12–12	01/24/2001	<5.0	<5.0	<5.0	<10
TCI_HP-3	MZA	50–50	01/24/2001	73	<5.0	<5.0	<10
TCI_HP-4	SZA	15–15	02/22/2000	ND	--	--	--
TCI_HP-4	LDZA	80–80	02/24/2000	69	--	--	--
TCI_HP-4	MZA	50–50	01/23/2001	260	<25	<25	<50
TCI_HP-5	MZA	50–50	01/23/2001	<5.0	<5.0	<5.0	<10
TCI_HP-5	SZA	10–10	01/23/2001	<5.0	<5.0	<5.0	<10
TCI_HP-5	LDZA	80–80	01/23/2001	<5.0	<5.0	<5.0	<10
TCI_HP-6	SZA	10–10	01/22/2001	<5.0	<5.0	<5.0	<10
TCI_HP-6	MZA	50–50	01/22/2001	100	<5.0	<5.0	<10
TCI_HP-6	LDZA	80–80	01/22/2001	<5.0	<5.0	<5.0	<10
TLM-1	MZA	57–57	01/01/2001	4.5	--	--	--
TLM-2	MZA	50–50	01/01/2001	4.7	--	--	--
TLM-2	LDZA	80–80	01/01/2001	1.6	--	--	--
WA-1	SZA	15–15	05/01/1998	<0.5	<0.5	<0.5	<0.5
			MCL	5.0	5.0	6.0	0.5

Notes:

µg/L: Micrograms per liter
bgs Below ground surface
ND: Non-deteect
J: Estimated value; analyte detected below the reporting limit
< 2.0: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene

TABLE 2-7
SUMMARY OF GRAB GROUNDWATER SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Zone	Screen Interval (ft bgs)	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	VC (µg/L)

TCE: Trichloroethene
DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
SZA: Shallow Zone Aquifer (SZA) 0-30 ft bgs
MZA: Middle Zone Aquifer (MZA) 30-60 ft bgs
UDZA: Upper Deep Zone Aquifer (UDZA) 60-80 ft bgs
LDZA: Lower Deep Zone Aquifer (LDZA) > 80 ft bgs
MCL: Maximum Contaminant Level

TABLE 2-8
SUMMARY OF PASSIVE SOIL GAS SAMPLING RESULTS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID / Location	Sample Date	PCE (µg/m³)	TCE (µg/m³)	cis-1,2-DCE (µg/m³)	VC (µg/m³)	Land Use
Passive Soil Gas Locations						
SV-1-01	8/8/2022	<1.05	<1.3	<0.81	<0.54	Commerical
SV-1-02	8/8/2022	15	4.92	<0.81	<0.54	Commerical - Vacant Land
SV-1-03	8/8/2022	9.12	1.44	<0.81	<0.54	Commerical - Vacant Land
SV-1-04	8/8/2022	45.6	2.38	<0.81	<0.54	Commerical
SV-1-05	8/8/2022	14.8	2.66	<0.81	<0.54	Commerical
SV-1-05-DUP	8/8/2022	10.7	3.41	<0.81	<0.54	
SV-1-06	8/8/2022	11.5	4.15	<0.81	<0.54	Commerical
SV-1-06-DUP	8/8/2022	20.3	3.83	<0.81	<0.54	
SV-1-07	8/8/2022	62.2	39.4	1.96	<0.54	Commerical
SV-1-08	8/8/2022	5.1	4.79	<0.81	<0.54	Commerical
SV-1-09	8/8/2022	59.7	18.7	<0.81	<0.54	Commerical
SV-1-10	8/8/2022	34.2	2.27	<0.81	<0.54	Commerical
SV-1-11	8/8/2022	1.35	<1.3	<0.81	<0.54	Commercial
SV-1-12	8/8/2022	2.87	1.37	<0.81	<0.54	Commerical
SV-1-13	8/8/2022	4.35	<1.3	<0.81	<0.54	Commerical - Vacant Land
SV-1-14	8/8/2022	1.88	<1.3	<0.81	<0.54	Residential - Vacant Land
SV-1-15	8/8/2022	<1.05	<1.3	<0.81	<0.54	Residential - Vacant Land
SV-1-16	8/8/2022	<1.05	<1.3	<0.81	<0.54	Residential - Vacant Land
SV-1-17	8/8/2022	39	1.63	<0.81	<0.54	Residential
SV-1-17-DUP	8/8/2022	43.1	<1.3	<0.81	<0.54	
SV-1-18	8/8/2022	4.2	1.55	<0.81	<0.54	Residential
SV-1-19	8/8/2022	<1.05	<1.3	<0.81	<0.54	Residential - Vacant Land
SV-1-20	8/8/2022	<1.05	<1.3	<0.81	<0.54	Residential - Vacant Land
SV-1-21	8/8/2022	<1.05	1.56	<0.81	<0.54	Residential - Vacant Land
SV-1-22	8/8/2022	390	12.3	<0.81	<0.54	Commercial
SV-1-23	8/8/2022	66.6	4.1	<0.81	<0.54	Commerical - Vacant Land
SV-1-24	8/8/2022	24	5.77	<0.81	<0.54	Commerical
SV-1-25	8/8/2022	125	3	<0.81	<0.54	Commercial
Ambient Passive Soil Gas Locations						
AA-1-01	8/8/2022	<1.05	<1.3	<0.81	<0.54	Commerical - Vacant Land
AA-1-02	8/8/2022	<1.05	<1.3	<0.81	<0.54	Commercial
AA-1-03	8/8/2022	<1.05	<1.3	<0.81	<0.54	Commerical - Vacant Land
TRIP 1	8/8/2022	<1.05	<1.3	<0.81	<0.54	--
	Residential ESL	15	16	1,400	0.32	--
	Commerical ESL	67	100	5,800	5.2	--

Notes:

µg/m³: Micrograms per cubic meter
< 1.05: Not detected at or above the laboratory method detection limit
--: Analysis not performed or result not available
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
VCL Vinyl Chloride (aka chloroethene; CE)
ESL: Calfironia Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Levels, 2025 Rev 4.

TABLE 4-1
SUMMARY OF GROUNDWATER RISK CHARACTERIZATION
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Well ID	Type	Groundwater Concentration			Cancer Risk			Non-Cancer Risk			
		PCE (µg/L)	TCE (µg/L)	cis-DCE (µg/L)	PCE ILCR	TCE ILCR	Cumul ILCR	PCE HQ	TCE HQ	cis-DCE HQ	Cumul HI
LBWC No. 5	Receptor	57.0	1.3	1.9	9.50E-04	2.65E-06	9.53E-04	1.39	0.46	0.15	2.00
TKWC No. 2	Receptor	30.0	0.0	0.0	5.00E-04		5.00E-04	0.73			0.73
TKWC No. 1	Receptor	1.8	0.0	0.0	3.00E-05		3.00E-05	0.04			0.04
Public Health Goal											
1E-6 Cancer (µg/L)		0.06	0.49	--	--	--	--	--	--	--	--
HQ=1 (µg/L)		41	2.8	13	--	--	--	--	--	--	--

Notes:

µg/L: Micrograms per liter
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
ILCR: Incremental Lifetime Cancer Risk
HQ: Hazard Quotient
HI: Hazard Index

TABLE 4-2
SUMMARY OF SOIL GAS RISK CHARACTERIZATION
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Sample ID	Land Use	Soil Gas Concentration			Cancer Risk			Non Cancer Risk			
		PCE ($\mu g/m^3$)	TCE ($\mu g/m^3$)	cis-DCE ($\mu g/m^3$)	PCE ILCR	TCE ILCR	Cumul ILCR	PCE HQ	TCE HQ	cis-DCE HQ	Cumul HI
SV-1-01	Commercial	57.70	0.00	0.00	8.6E-07		8.6E-07	9.9E-03			9.9E-03
SV-1-02	Commercial	15.00	4.92	0.00	2.2E-07	4.9E-08	2.7E-07	2.6E-03	1.7E-02		2.0E-02
SV-1-03	Commercial	9.12	1.44	0.00	1.4E-07	1.4E-08	1.5E-07	1.6E-03	5.0E-03		6.5E-03
SV-1-04	Commercial	45.60	2.38	0.00	6.8E-07	2.4E-08	7.0E-07	7.9E-03	8.2E-03		1.6E-02
SV-1-05	Commercial	14.80	2.66	0.00	2.2E-07	2.7E-08	2.5E-07	2.6E-03	9.2E-03		1.2E-02
SV-1-06	Commercial	11.50	4.15	0.00	1.7E-07	4.2E-08	2.1E-07	2.0E-03	1.4E-02		1.6E-02
SV-1-07	Commercial	62.20	39.40	1.96	9.3E-07	3.9E-07	1.3E-06	1.1E-02	1.4E-01	3.4E-04	1.5E-01
SV-1-08	Commercial	5.10	4.79	0.00	7.6E-08	4.8E-08	1.2E-07	8.8E-04	1.7E-02		1.7E-02
SV-1-09	Commercial	59.70	18.70	0.00	8.9E-07	1.9E-07	1.1E-06	1.0E-02	6.4E-02		7.5E-02
SV-1-10	Commercial	34.20	2.27	0.00	5.1E-07	2.3E-08	5.3E-07	5.9E-03	7.8E-03		1.4E-02
SV-1-11	Commercial	1.35	0.00	0.00	2.0E-08		2.0E-08	2.3E-04			2.3E-04
SV-1-12	Commercial	2.87	1.37	0.00	4.3E-08	1.4E-08	5.7E-08	4.9E-04	4.7E-03		5.2E-03
SV-1-13	Commercial	4.35	0.00	0.00	6.5E-08		6.5E-08	7.5E-04			7.5E-04
SV-1-14	Residential	1.88	0.00	0.00	1.3E-07		1.3E-07	1.3E-03			1.3E-03
SV-1-15	Residential	0.00	0.00	0.00							0.0E+00
SV-1-16	Residential	0.00	0.00	0.00							0.0E+00
SV-1-17	Residential	39.00	1.63	0.00	2.6E-06	1.0E-07	2.7E-06	2.8E-02	2.3E-02		5.1E-02
SV-1-18	Residential	4.20	1.55	0.00	2.8E-07	9.7E-08	3.8E-07	3.0E-03	2.2E-02		2.5E-02
SV-1-19	Residential	0.00	0.00	0.00							0.0E+00
SV-1-20	Residential	0.00	0.00	0.00							0.0E+00
SV-1-21	Residential	0.00	1.56	0.00		9.8E-08	9.8E-08		2.2E-02		2.2E-02
SV-1-22	Commercial	390.00	12.30	0.00	5.8E-06	1.2E-07	5.9E-06	6.7E-02	4.2E-02		1.1E-01
SV-1-23	Commercial	66.60	4.10	0.00	9.9E-07	4.1E-08	1.0E-06	1.1E-02	1.4E-02		2.6E-02
SV-1-24	Commercial	24.00	5.77	0.00	3.6E-07	5.8E-08	4.2E-07	4.1E-03	2.0E-02		2.4E-02
SV-1-25	Commercial	125.00	3.00	0.00	1.9E-06	3.0E-08	1.9E-06	2.2E-02	1.0E-02		3.2E-02
Environmental Screening Levels											
Residential Cancer ESL		15	16	--	--	--	--	--	--	--	--
Commercial Cancer ESL		67	100	--	--	--	--	--	--	--	--
Residential Non-Cancer ESL		1,400	70	1,400	--	--	--	--	--	--	--
Commerical Non-Cancer ESL		5,800	290	5,800	--	--	--	--	--	--	--

Notes:

µg/L: Micrograms per liter
DCE: Dichloroethene
HI: Hazard Index
PCE: Tetrachloroethene
ILCR: Incremental Lifetime Cancer Risk
HQ: Hazard Quotient
TCE: Trichloroethene
ESL: Calfironia Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Levels, 2025 Rev 4.

TABLE 5-1
SUMMARY OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Standard, Requirement, Criteria, or Limitation	Citation	Description / Reason for Inclusion	ARARs Type	Groundwater	Indoor Air / Vapor	ARAR	TBC	Triggered by Remedy
FEDERAL — Contaminant-Specific								
Safe Drinking Water Act (SDWA) — Maximum Contaminant Levels (MCLs)	42 USC §300f-300j; 40 CFR 141	Federal MCLs establish enforceable drinking water standards. The aquifer is a current drinking water source serving municipal supply wells. Federal MCLs: PCE = 5 µg/L; TCE = 5 µg/L; cis-1,2-DCE = 70 µg/L; trans-1,2-DCE = 100 µg/L; vinyl chloride = 2 µg/L. State MCLs are more stringent and are the applicable standard.	Chemical	X		X		Yes — cleanup standard at receptor wells
Safe Drinking Water Act — Maximum Contaminant Level Goals (MCLGs)	42 USC §300g-1; 40 CFR 141.50-141.51	MCLGs are non-enforceable health goals set at levels where no known or anticipated adverse health effects occur. MCLGs for PCE, TCE, and vinyl chloride are zero. MCLGs may provide guidance where MCLs have not been established for COCs.	Chemical	X			X	No — TBC, informational only
Clean Air Act (CAA) — National Ambient Air Quality Standards (NAAQS)	42 USC §7401-7642; 40 CFR 50-69	Remediation activities that produce vapor discharges would be required to meet NAAQS. Relevant to GAC system off-gassing and any future vapor extraction or air sparging contingency measures.	Chemical		X	X		Yes — GAC off-gas under TRPA/PCAPCD; not a primary driver
Toxic Substances Control Act (TSCA)	15 USC §2601-2697	Establishes requirements for reporting, record-keeping, and testing of chemical substances. Applicable to handling and disposal of spent GAC containing adsorbed chlorinated VOCs.	Chemical	X		X		Yes — spent GAC disposal
FEDERAL — Location-Specific								
Endangered Species Act (ESA)	16 USC §1531 et seq.; 50 CFR Parts 17, 200, 402	Remedial actions should avoid disturbance to habitat for endangered or threatened species. The Tahoe Valley South Subbasin is within the Lake Tahoe Basin, which supports listed species including Lahontan cutthroat trout. Wellhead treatment activities are conducted at existing well sites with minimal habitat disturbance.	Location	X		X		Yes — TKWC No. 4 construction in Lake Tahoe Basin
Executive Order on Flood Plain Management	Exec. Order No. 11988; 40 CFR 6.302	Remedial actions in a floodplain should minimize potential harm and preserve natural values. Portions of the Regional PCE Plume and receptor wells are located in areas subject to seasonal high groundwater and potential flooding in the Tahoe Valley.	Location	X		X		Yes — TKWC No. 4 construction
National Historic Preservation Act (NHPA)	16 USC §470 et seq.; 36 CFR Part 800	Requirements to preserve significant historic, prehistoric, or archaeological resources. No known historic resources are located at the wellhead treatment or sentry well locations. New well installation or infrastructure construction would require cultural resource review.	Location	X		X		Yes — TKWC No. 4 construction
Fish and Wildlife Coordination Act	16 USC §661 et seq.; 33 CFR Parts 320-330	Remedy should protect waters where fish, plant, or bird life exist. Groundwater in the TVS Subbasin discharges to the Upper Truckee River and Lake Tahoe. GAC treatment effluent is not discharged to surface waters.	Location	X		X		Partial — no surface water discharge, except under contingent extraction
Clean Water Act — Wetlands Protection	33 USC §1251-1376; 40 CFR Part 6, Appendix A	Remedy should protect wetlands and associated drainage areas. The Upper Truckee River marsh and Lake Tahoe shoreline wetlands are downgradient of the Regional PCE Plume. No discharge from the remedy is expected to enter wetlands.	Location	X		X		No — no discharge to wetlands as part of remedy.

TABLE 5-1
SUMMARY OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Standard, Requirement, Criteria, or Limitation	Citation	Description / Reason for Inclusion	ARARs Type	Groundwater	Indoor Air / Vapor	ARAR	TBC	Triggered by Remedy
FEDERAL — Action-Specific								
CERCLA — Five-Year Review	CERCLA §121(c); 42 USC §9621(c)	Periodic review of remedial actions where hazardous substances remain above health-based levels. Required because PCE concentrations in groundwater will remain above MCLs for an extended period during the monitored natural attenuation component of the remedy.	Action	X	X	X		Yes — PCE remains above MCLs in aquifer
Resource Conservation and Recovery Act (RCRA)	42 USC §6901 et seq.; 40 CFR 260-280	Spent GAC containing adsorbed chlorinated VOCs may constitute hazardous waste requiring proper characterization, handling, transportation, and disposal in accordance with RCRA requirements.	Action	X		X		Yes — spent GAC disposal
National Pollutant Discharge Elimination System (NPDES)	CWA §402; 40 CFR 122-125	If treated groundwater or GAC backwash water is discharged to surface waters, NPDES permit requirements apply. Current GAC treatment systems do not discharge to surface waters.	Action	X		X		Partial— no surface water discharge, except under contingent extraction
Clean Water Act — Discharge to POTWs	CWA §307; 40 CFR 403	Treated groundwater or GAC system process water discharged to publicly owned treatment works (POTW) must comply with pretreatment standards. Applicable if GAC backwash or contingency pump-and-treat effluent is discharged to the South Tahoe PUD sewer system.	Action	X		X		Partial — no POTW discharge, except potentially under contingent extraction for backwash, if needed.
Occupational Safety and Health Act (OSHA)	29 USC §651 et seq.; 29 CFR 1910, 1926	Worker protection requirements apply to all remedial action operations including GAC system operation and maintenance, well sampling, and any future construction activities associated with the Off-Site remedy.	Action	X	X	X		Yes — GAC O&M, construction
Underground Injection Control (UIC) Program	SDWA §1421-1424; 40 CFR 144-146	If treated groundwater is reinjected into the aquifer, UIC program requirements would apply. Currently not a component of the remedy but may be relevant to future contingency actions.	Action	X		X		No — no reinjection
STATE AND LOCAL — Contaminant-Specific								
California Safe Drinking Water Act — State MCLs	H&SC §116270 et seq.; 22 CCR §64431-64444.5	State MCLs are the applicable groundwater cleanup standards. State MCLs are more stringent than federal MCLs for several COCs: PCE = 5 µg/L; TCE = 5 µg/L; cis-1,2-DCE = 6 µg/L; trans-1,2-DCE = 10 µg/L; vinyl chloride = 0.5 µg/L. These are the cleanup goals for the Off-Site RAP.	Chemical	X		X		Yes — primary cleanup standard
California Public Health Goals (PHGs)	H&SC §116365	PHGs are non-regulatory, health-based goals: PCE = 0.06 µg/L; TCE = 0.8 µg/L; vinyl chloride = 0.05 µg/L. PHGs are used in the human health risk assessment to evaluate residual risk and conservatism of MCL-based cleanup goals.	Chemical	X			X	No — TBC, informational
Porter-Cologne Water Quality Control Act	Water Code §13000-13806; 23 CCR §2050-2836	The Lahontan RWQCB is the lead regulatory agency. The Act authorizes investigation and cleanup of discharges threatening water quality, and establishment of waste discharge requirements. Provides the legal framework for the Cleanup and Abatement Order.	Chemical/Action	X		X		Yes — legal framework for SCAO
Water Quality Control Plan for the Lahontan Region (Basin Plan)	RWQCB, Lahontan Region, 1995 (as amended)	Identifies beneficial uses of groundwater (MUN, AGR, IND) and establishes water quality objectives. Incorporates State MCLs as numerical WQOs for protection of MUN beneficial use. The TVS Subbasin is designated for municipal supply.	Chemical	X		X		Yes — MUN beneficial use, WQOs

TABLE 5-1
SUMMARY OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Standard, Requirement, Criteria, or Limitation	Citation	Description / Reason for Inclusion	ARARs Type	Groundwater	Indoor Air / Vapor	ARAR	TBC	Triggered by Remedy
SWRCB Resolution No. 68-16 (Antidegradation Policy)	SWRCB Resolution 68-16, 1968	Requires that existing quality of water be maintained unless appropriate findings are made. COCs are synthetic compounds with zero background concentrations; any detectable concentration represents degradation from anthropogenic sources.	Chemical	X		X		Yes —alternative level finding under Resolution 92-49 establishes MCL attainment at receptor wells as the most stringent technically and economically feasible alternative level
California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)	H&SC §25249.5 et seq.; 26 CCR §22-12000 et seq.	PCE, TCE, and vinyl chloride are identified as carcinogens and/or reproductive toxins under Proposition 65. Relevant to risk communication and public notification requirements.	Chemical	X	X	X		Partial — risk communication only
California Ambient Air Quality Standards (CAAQS)	H&SC §39000-44563; California Air Resources Board	Establishes emission standards for chemical vapors. Applicable to any vapor emissions from GAC treatment systems and relevant to the vapor intrusion exposure pathway evaluation.	Chemical		X	X		Partial — same as NAAQS
STATE AND LOCAL — Location-Specific								
Tahoe Regional Planning Agency (TRPA) Regulations	Tahoe Regional Planning Compact; TRPA Code of Ordinances	TRPA regulates activities within the Lake Tahoe Basin. Wellhead treatment infrastructure, new monitoring well installations, and any construction activities associated with the remedy must comply with TRPA permitting requirements, including coverage limitations and best management practices (BMPs) for water quality protection.	Location	X		X		Yes — all construction activities
Fish and Game Code	Division 6, Part 1, Chapter 2, §5650-5656	Prohibits discharge of deleterious substances to waters where fish, plant, or bird life exist. Relevant to ensure remedial action does not introduce contaminants to the Upper Truckee River or Lake Tahoe through groundwater discharge.	Location	X		X		Partial — no direct discharge, except potentially under contingent extraction
Lake Tahoe Basin Water Quality Standards	Lahontan Basin Plan, Chapter 5 — Lake Tahoe	Special water quality provisions for the Lake Tahoe Basin require protection of the lake's exceptional clarity and water quality. The Regional PCE Plume is within the Upper Truckee River watershed, which is the largest tributary to Lake Tahoe.	Location	X		X		Yes — remedy is within the Basin
STATE AND LOCAL — Action-Specific								
SWRCB Resolution No. 92-49	Resolution 92-49, 1996	Policies and procedures for investigation and cleanup of discharges under Water Code §13304. Requires cleanup to background, or if not feasible, to the most stringent level that is economically and technologically feasible. Establishes the framework for development of cleanup goals and evaluation of remedial alternatives using nine NCP criteria.	Action	X	X	X		Yes — governs the entire remedy framework
Stipulated Cleanup and Abatement Order (SCAO)	RWQCB Order No. R6T-2022 (pending)	Site-specific regulatory order establishing requirements for investigation, remediation, and monitoring of the Regional PCE Contamination. Requires submission of Off-Site RAP, HHRA, and compliance monitoring. Establishes the 50-year Settlement Agreement framework for receptor protection.	Action	X	X	X		Yes — the operative order

TABLE 5-1
SUMMARY OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Standard, Requirement, Criteria, or Limitation	Citation	Description / Reason for Inclusion	ARARs Type	Groundwater	Indoor Air / Vapor	ARAR	TBC	Triggered by Remedy
California Hazardous Waste Control Act	H&SC §25100-25395; 22 CCR §66260-66270	Establishes criteria for identifying and managing hazardous waste. Applicable to characterization and disposal of spent GAC and any contaminated materials generated during remedial activities. Spent GAC must be characterized per 22 CCR §66261 for proper disposal.	Action	X		X		Yes - spent GAC
Hazardous Waste Generator Standards	22 CCR Chapter 12; 22 CCR §66262.1-66262.7	Standards applicable to generators of hazardous waste. Requires manifesting and proper transport of spent GAC and other hazardous wastes generated by the wellhead treatment systems.	Action	X		X		Yes- - spent GAC
Waste Discharge to Land Requirements	23 CCR Chapter 15; 23 CCR §2260-2597	Regulations governing discharge of waste to land. Remediation projects are typically considered exempt but regulations should be followed to the extent practicable.	Action	X		X		No
California Environmental Quality Act (CEQA)	Public Resources Code §21000-21177	Mandates environmental impact review of projects approved by governmental agencies. Remedial actions under CERCLA/NCP framework may qualify for CEQA exemptions but coordination with TRPA may trigger environmental review requirements.	Action	X	X	X		No — remedial actions under CERCLA/NCP framework qualify for CEQA exemption; TRPA environmental review applies to TKWC No. 4 construction
Land Use Covenants / Deed Restrictions	22 CCR Chapter 39; 22 CCR §67390.2	Provisions requiring placement of future water supply wells outside the boundaries and reasonably anticipated migration path of the Regional PCE Contamination. Institutional controls to protect against future exposure.	Action	X		X		Yes, as applicable by local agencies
California Division of Drinking Water (DDW) Requirements	H&SC §116270 et seq.; 22 CCR Title 22	DDW has reviewed and approved Standard Operating Procedures for GAC wellhead treatment systems. Ongoing compliance with DDW requirements for treatment system operation, monitoring, and reporting is required for LBWC No. 5 and TKWC No. 2.	Action	X		X		Yes - GAC system SOPs
Cal/OSHA Worker Safety Requirements	8 CCR GISO 5192; Labor Code §6300 et seq.	Establishes worker health and safety requirements for remedial action operations. Applicable to all well sampling, GAC system O&M, and construction activities.	Action	X	X	X		Yes - field operations
TO BE CONSIDERED (TBC) CRITERIA								
USEPA Risk Assessment Guidance for Superfund (RAGS)	USEPA, 1989, 1991, 2004	Guidance and framework for conducting human health risk assessments. Used in the HHRA to evaluate risks from PCE exposure via groundwater ingestion and vapor intrusion pathways. Establishes acceptable risk range of 1×10^{-4} to 1×10^{-6} excess cancer risk.	TBC	X	X		X	Yes, HHRA framework
USEPA Regional Screening Levels (RSLs)	USEPA, 2024	Risk-based screening concentrations for initial evaluation of environmental measurements. Used as a benchmark for comparison with site-specific risk assessment results.	TBC	X	X		X	Yes - screening benchmarks
DTSC-Modified Screening Levels (DTSC-SLs)	CalEPA/DTSC, 2020	California-specific screening levels for chemical constituents in soil gas and indoor air. Used in the vapor intrusion evaluation for structures overlying or adjacent to the Regional PCE Plume.	TBC		X		X	Yes - vapor intrusion screening levels
SFRWQCB Environmental Screening Levels (ESLs)	RWQCB, SF Bay Region, 2019 (Rev 2)	Screening levels for expedited evaluation of environmental concerns. Used for indoor air and soil gas screening: PCE indoor air commercial/industrial ESL = 2.0 µg/m³.	TBC	X	X		X	Yes - vapor intrusion screening levels

TABLE 5-1
SUMMARY OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs) AND "TO BE CONSIDERED" (TBC) FACTORS
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Standard, Requirement, Criteria, or Limitation	Citation	Description / Reason for Inclusion	ARARs Type	Groundwater	Indoor Air / Vapor	ARAR	TBC	Triggered by Remedy
CalEPA Vapor Intrusion Guidance	CalEPA, 2023 (Final Draft Supplemental); DTSC, 2011	Guidance for screening and evaluating vapor intrusion to indoor air. Framework for the Vapor Intrusion Investigation Work Plan (VIIWP) and assessment of the vapor intrusion exposure pathway for structures overlying the Regional PCE Plume.	TBC		X		X	Yes - VIIWP framework
USEPA Technical Impracticability Guidance	USEPA, 1993 (OSWER 9234.2-25)	Guidance for evaluating whether groundwater restoration to applicable standards is technically impracticable. Relevant to evaluation of long-term cleanup timeframes and the role of matrix diffusion in sustaining concentrations above MCLs.	TBC	X			X	Yes - applicable to back diffusion/restoration timeframe
USEPA Monitored Natural Attenuation Guidance	USEPA, 1999 (OSWER 9200.4-17P)	Guidance for use of MNA as a component of groundwater remediation. Establishes requirements for demonstrating MNA effectiveness through multiple lines of evidence, including trend analysis and geochemical evaluation.	TBC	X			X	No
ITRC Integrated DNAPL Site Characterization and Tools Selection	ITRC, 2015	Technical guidance for characterization of DNAPL sites, including evaluation of back-diffusion from low-permeability zones and dual-domain mass transfer processes affecting plume longevity.	TBC	X			X	Portions applicable to back-diffusion analysis

Notes:
ARARs = Applicable or Relevant and Appropriate Requirements
TBC = To Be Considered — non-promulgated advisories, criteria, or guidance
COCs = Chemicals of Concern: PCE (tetrachloroethene), TCE (trichloroethene), cis-1,2-DCE (cis-1,2-dichloroethene), trans-1,2-DCE (trans-1,2-dichloroethene), vinyl chloride
MCL = Maximum Contaminant Level
PHG = Public Health Goal
GAC = Granular Activated Carbon
MNA = Monitored Natural Attenuation
RWQCB = Regional Water Quality Control Board
SWRCB = State Water Resources Control Board
TVS = Tahoe Valley South (Subbasin)
TRPA = Tahoe Regional Planning Agency
DDW = Division of Drinking Water
MUN = Municipal and Domestic Water Supply; AGR = Agricultural Supply; IND = Industrial Service Supply
State MCL cleanup goals: PCE = 5 µg/L; TCE = 5 µg/L; cis-1,2-DCE = 6 µg/L; trans-1,2-DCE = 10 µg/L; vinyl chloride = 0.5 µg/L

TABLE 6-1
SCREENING OF POTENTIAL GROUNDWATER REMEDIAL TECHNOLOGIES
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

General Response Action	Process Option/ Component	Description	Effectiveness	Implementability	Relative Cost	Retained
No Action	None	No remedial action taken. Groundwater monitoring discontinued. Required by NCP guidance to provide baseline for comparison.	Not effective. PCE concentrations in municipal supply wells (LBWC No. 5: 53-60 µg/L; TKWC No. 2: 31 µg/L) exceed the MCL of 5 µg/L. Receptors would not be protected without treatment.	Yes. No equipment or labor required.	Low	Yes
Institutional Controls	Land Use Controls	Administrative and legal mechanisms to restrict groundwater use in areas with PCE concentrations above MCLs. Includes well construction restrictions and water supply connection requirements.	Partially effective. Reduces potential exposure through limitations on new well installations within the Regional PCE Plume boundary. Does not reduce contaminant mass, toxicity, or mobility. Does not protect existing municipal supply wells.	Yes. Can be implemented through existing county well permitting programs and local ordinances. Settlement agreements with LBWC and TKWC include provisions requiring future wells to be constructed outside the Regional PCE Plume.	Low	Yes
Institutional Controls	Water Purveyor Settlement Agreements	Contractual agreements with water purveyors (LBWC, TKWC) establishing obligations for wellhead treatment, monitoring, and future well placement outside Regional PCE Plume boundary.	Effective for establishing enforceable receptor protection framework over 50-year SA timeframe. Ensures continued treatment at impacted wells and placement of future wells outside plume migration path.	Yes. Agreements with LBWC and TKWC have been negotiated. Administrative framework consistent with SCAO requirements.	Low	Yes
Monitored Natural Attenuation	MNA	No active remediation of off-site groundwater. Periodic monitoring to confirm natural attenuation processes (biodegradation, dispersion, dilution, sorption) are reducing PCE concentrations consistent with meeting cleanup goals.	Partially effective. Evidence of limited reductive dechlorination (presence of TCE, cis-1,2-DCE at LBWC No. 5 and TKWC No. 2). Aerobic conditions in TVS Subbasin limit anaerobic biodegradation; calculated decay rates (kdecay = 0.006-0.008 yr^{-1}) indicate natural attenuation alone will not achieve MCLs within a reasonable timeframe. Back-diffusion from low-permeability sediments sustains dissolved-phase concentrations.	Yes. Monitoring infrastructure (sentry wells, municipal supply wells) exists. Sentry well network provides early warning capability.	Low	No

TABLE 6-1
SCREENING OF POTENTIAL GROUNDWATER REMEDIAL TECHNOLOGIES
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

General Response Action	Process Option/ Component	Description	Effectiveness	Implementability	Relative Cost	Retained
Alternative Water Supply	New Municipal Supply Well	Provide new water supply well outside the Regional PCE Contamination.	Eliminates PCE exposure at the replaced supply well without reliance on treatment performance. Effectiveness is independent of treatment system reliability. Does not contribute to mass removal (RAO 2) or groundwater restoration (RAO 3). A suitable well location has been identified at the Park site (EMKO, 2026) with pre-construction sampling confirming PCE non-detect at proposed screen depths.	Site selection and exploratory drilling complete; preliminary design developed (GSI, 2025). DDW permitting for a new municipal supply well is a standard administrative process. TRPA land coverage requirements apply to surface infrastructure. Fully implementable.	Moderate. Capital cost ~$632,260 (GSI, 2025, AACE Class 4/5); SA payment to TKWC $1.5M covering construction and connection. Eliminates long-term GAC treatment O&M at TKWC No. 2.	Retained — selected as the replacement supply source for TKWC No. 2, satisfying RAO 1 for the TKWC service area.
In-Situ Treatment	In-Situ Chemical Oxidation (ISCO)	Injection of chemical oxidants (e.g., permanganate, persulfate, peroxide) into the aquifer to chemically destroy PCE and daughter products in the dissolved and sorbed phases.	Proven technology for dissolved-phase PCE in permeable aquifer zones. Effectiveness limited by: (1) difficulty achieving adequate contact with sorbed-phase PCE in low-permeability sediments that act as secondary sources via back-diffusion; (2) oxidant demand from naturally occurring organic matter and reduced minerals in TVS Subbasin sediments; (3) inability to address continued back-diffusion from fine-grained deposits.	Difficult to implement across the extent of the off-site Regional PCE Plume (~1.5 miles). Multiple injection events required over large areas. Injection infrastructure conflicts with existing residential and commercial development. Regulatory permits (WDRs) required for injection. Access agreements needed for private properties. Potential adverse impacts to groundwater quality (e.g., metals mobilization, pH changes) in municipal drinking water aquifer.	High	No
In-Situ Treatment	Enhanced In-Situ Bioremediation (EISB)	Injection of electron donors (e.g., emulsified vegetable oil, lactate) to stimulate anaerobic reductive dechlorination of PCE through sequential degradation: PCE → TCE → cis-1,2-DCE → vinyl chloride → ethene.	Proven technology for dissolved-phase PCE under anaerobic conditions. Effectiveness limited at this site by: (1) predominantly aerobic groundwater conditions in the TVS Subbasin; (2) potential for incomplete dechlorination resulting in accumulation of toxic daughter products (vinyl chloride); (3) inability to address back-diffusion from low-permeability sediments; (4) biofouling potential near production wells.	Difficult to implement across the full extent of the off-site plume. Same access, permitting, and infrastructure challenges as ISCO. Risk of biofouling and loss of well capacity at municipal supply wells. Creating and maintaining anaerobic conditions across large aquifer volumes is impractical in predominantly aerobic system.	Medium to High	No
In-Situ Treatment	In-Situ Chemical Reduction (ISCR)	Injection of zero-valent iron (ZVI) or other reductants to create a reducing zone that promotes abiotic degradation of PCE via beta-elimination, avoiding vinyl chloride production.	Effective for localized source zone treatment (used in On-Site RAP for LTLW source area). Effectiveness limited for off-site application by: (1) scale of the Regional PCE Plume; (2) difficulty distributing reagents in heterogeneous aquifer sediments; (3) limited radius of influence per injection point.	Difficult to implement at off-site plume scale. Same access and permitting constraints as ISCO/EISB. ZVI distribution limited by aquifer heterogeneity. Best suited for localized source areas rather than regional plume.	High	No

TABLE 6-1
SCREENING OF POTENTIAL GROUNDWATER REMEDIAL TECHNOLOGIES
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

General Response Action	Process Option/ Component	Description	Effectiveness	Implementability	Relative Cost	Retained
In-Situ Treatment	Permeable Reactive Barrier (PRB)	Installation of a subsurface wall of reactive material (e.g., ZVI, activated carbon) perpendicular to groundwater flow to intercept and treat the PCE plume as groundwater flows through the barrier.	Proven technology for intercepting dissolved-phase contaminant plumes. Effectiveness limited by: (1) plume width (~2,000+ feet) requiring extensive barrier construction; (2) heterogeneous aquifer with multiple flow zones (SZA, MZA, DZA); (3) barrier depth requirements to key into underlying aquitard; (4) potential for fouling and reduced permeability over time.	Difficult to implement due to plume geometry and depth. Construction across developed urban areas infeasible. Barrier would need to extend through multiple aquifer zones to depths exceeding 150 feet. Maintenance and replacement of reactive media impractical at this scale.	Very High	No
Ex-Situ Treatment	Groundwater Extraction and Treatment (Pump and Treat)	Extraction of PCE-contaminated groundwater via dedicated extraction wells, followed by ex-situ treatment (GAC or air stripping) and discharge or reinjection. Provides hydraulic containment and mass removal.	Proven technology for hydraulic containment and mass removal of dissolved-phase PCE. Kennedy Jenks Feasibility Study (2020) evaluated pump-and-treat alternatives and found: (1) multiple extraction wells required within the mid-plume area; (2) extraction removes PCE mass through produced water; (3) concentration tailing and back-diffusion limit ability to achieve MCLs in reasonable timeframe; (4) rebound observed following pumping cessation.	Implementable with dedicated extraction wells. Challenges include: (1) limited availability of properties for well construction; (2) disposal or reuse of treated water; (3) long-term O&M requirements; (4) continued operation required until back-diffusion ceases. Kennedy Jenks (2020) identified concerns with funding, property access, and treated water disposal.	High	Yes
Ex-Situ Treatment	GAC Wellhead Treatment	Treatment of PCE-contaminated groundwater at existing municipal supply wells using granular activated carbon (GAC) adsorption in pressure vessels operated in lead/lag configuration. Treats water to below MCLs before distribution to consumers. BAT designated by USEPA for PCE removal from drinking water.	Highly effective. GAC treatment is USEPA-designated BAT for PCE removal from drinking water. Proven performance at TKWC No. 2 (operating since 2012) and LBWC No. 5 (operating since 2021). Treated water meets all applicable drinking water standards. DDW has approved operating procedures for LBWC No. 5 GAC system. Provides continuous receptor protection while natural attenuation and source depletion reduce influent concentrations.	Yes. GAC treatment infrastructure already installed and operational at TKWC No. 2 and LBWC No. 5. Proven operational history. Standardized O&M procedures. GAC media readily available from multiple suppliers. Lead/lag configuration allows continuous operation during media changeouts. Settlement agreements establish long-term funding framework.	Medium	Yes
Ex-Situ Treatment	Packed Tower Aeration (PTA)	Air stripping of PCE from groundwater using a packed tower containing packing material over which water trickles while air flows counter-currently. USEPA-designated BAT for PCE removal.	Effective. USEPA-designated BAT for PCE. Successfully applied at other PCE-contaminated drinking water sites. Achieves high removal efficiency for volatile compounds.	Implementable but site-specific challenges include: (1) visual impact of tall tower in residential neighborhood; (2) need to re-pump water to distribution pressure after treatment; (3) potential freezing in South Lake Tahoe winter climate (elevation ~6,250 ft); (4) off-gas treatment may be required by air quality regulations.	Medium to High	No

Notes:
COCs: PCE (tetrachloroethene), TCE (trichloroethene), cis-1,2-DCE (cis-1,2-dichloroethene), trans-1,2-DCE (trans-1,2-dichloroethene), vinyl chloride (chloroethene).
MCL = Maximum Contaminant Level; PCE MCL = 5 µg/L; TCE MCL = 5 µg/L; cis-1,2-DCE MCL = 6 µg/L; vinyl chloride MCL = 0.5 µg/L.
BAT = Best Available Technology; GAC = Granular Activated Carbon; PTA = Packed Tower Aeration.
Technology screening performed in accordance with USEPA RI/FS Guidance (USEPA, 1988) and SWRCB Resolution No. 92-49.
TVS Subbasin = Tahoe Valley South Subbasin of the Tahoe Valley Groundwater Basin.
SA = Settlement Agreement; SCAO = Stipulated Cleanup and Abatement Order.
Technologies evaluated for effectiveness, implementability, and relative cost consistent with NCP (40 CFR 300) requirements.

TABLE 6-2
EVALUATION OF REMEDIAL ACTION ALTERNATIVES
Off-Site Remedial Action Plan — Regional PCE Contamination
South Lake Tahoe, California

Alternative	Threshold Criteria		Primary Balancing Criteria					Modifying
	1. Overall Protection of Human Health & Environment	2. Compliance with ARARs	3. Long-Term Effectiveness & Permanence	4. Reduction of Toxicity, Mobility, or Volume	5. Short-Term Effectiveness	6. Implementability	7. Cost (50-yr Present Worth)	8 & 9. State & Community Acceptance
Alternative 1: No Action	No. Does not protect human health. Municipal supply wells with PCE above MCLs would continue to deliver untreated water to consumers. Vapor intrusion pathway not addressed.	No. Does not comply with MCLs for PCE (5 µg/L), TCE (5 µg/L), or vinyl chloride (0.5 µg/L). Does not comply with Resolution 92-49 requirement to restore beneficial uses. Does not comply with Basin Plan water quality objectives.	No. Groundwater quality would improve only at the rate of natural attenuation. Back-diffusion from low-permeability sediments (estimated fslow = 0.2-0.4) would sustain elevated concentrations for decades. Estimated time to achieve MCLs in absence of treatment: 67-100+ years based on breakthrough curve analysis.	No. No reduction in contaminant mass, toxicity, or mobility. PCE mass in dissolved and sorbed phases would persist. Natural degradation rates (kdecay = 0.006-0.008 yr^{-1}) provide minimal mass reduction.	No. Immediate exposure risk to municipal water supply consumers. No short-term disruption from remedial activities, but unacceptable exposure during remedial timeframe.	Yes. No equipment or labor required.	Low (~$100,000 monitoring only)	Unacceptable to Lahontan Water Board. Not protective of public health. Does not satisfy SCAO requirements.
Alternative 2: GAC Wellhead Treatment with Contingency Pump and Treat, MNA, ICs, and Sentry Monitoring (RECOMMENDED)	Yes. Protects human health through GAC wellhead treatment at impacted municipal supply wells.	Yes. GAC-treated water meets all chemical-specific ARARs. Settlement agreements and SCAO provide enforceable compliance framework. 92-49 requirement for most stringent feasible alternative.	Yes. GAC treatment provides continuous receptor protection for the 59 year period. Contingency pump-extraction provides additional mass removal capability if LBWC 5 shut down before 59 years and raw water above MCL.	Moderate to High. GAC treatment removes dissolved-phase PCE from produced water. Contingency extraction if triggered, provides comprehensive approach to reducing contaminant mass, toxicity, and mobility over 59 years.	Yes. Remedy (GAC wellhead treatment) already operational.	Yes. Primary remedy proven and operational. Settlement agreements establish financial framework for 59-year implementation	Medium to High 59-yr present worth; see section 6)	Recommended alternative. Balances immediate receptor protection with technical capability. Consistent with Lahontan Water Board expectations and performing party obligations under SCAO. Supported by water purveyor settlement agreements.

Notes:

Evaluation performed in accordance with NCP (40 CFR 300), USEPA RI/FS Guidance (USEPA, 1988), and SWRCB Resolution No. 92-49.

Threshold criteria (1-2) must be satisfied for an alternative to be eligible. Primary balancing criteria (3-7) used to compare alternatives. Modifying criteria (8-9) incorporate regulatory and public input.

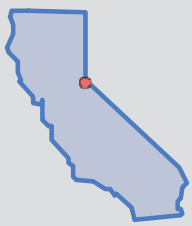
Cost estimates are conceptual-level (AACE Class 5, -50%/+100%) and presented in 50-year present worth. Detailed engineering cost estimates provided in Appendix A.

Alternative 2 (Recommended) combines proven receptor protection with contingency mass removal capability, consistent with SCAO requirements.

SA = Settlement Agreement; SCAO = Stipulated Cleanup and Abatement Order; MCL = Maximum Contaminant Level; MNA = Monitored Natural Attenuation; IC = Institutional Controls.

ARARs include: Federal and California MCLs, Basin Plan water quality objectives, Resolution 68-16 (antidegradation), Resolution 92-49 (cleanup policies).

FIGURES



Latitude: 38.91244
Longitude: -120.00632

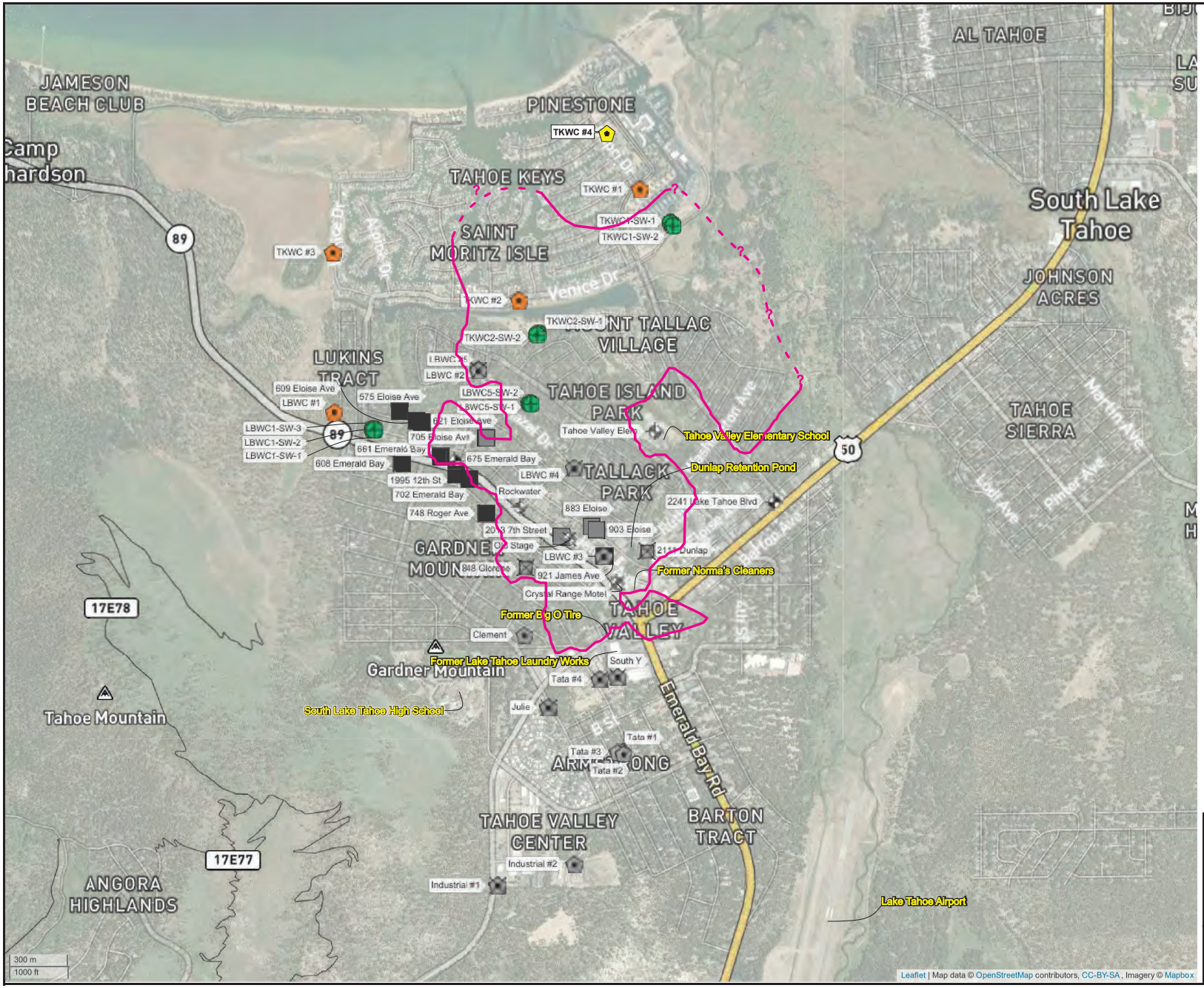
SITE LOCATION MAP

Off-Site Remedial Action Plan
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 1-1

August 2026



N

W E

S

Legend

- Active Private Supply Well
- Inactive Private Supply Well
- Destroyed Private Supply Well
- Active Small Community Well
- Inactive Small Community Well
- Destroyed Small Community Well
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Sentry Well
- Approximate PCE plume at 5 µg/L contour
- dashed where inferred
- Proposed WSW-M TKWC No 4

Notes:

-Presents the most recent PCE groundwater data since January 1, 2019.
-Excludes grab groundwater samples collected within 50 feet laterally of a monitoring well or sentry well screened over the same collection depth interval.
-Reports the maximum concentration when more than one result is available for a given day.
-Isoconcentration contours generated using inverse distance weighting (IDW) interpolation.

Latitude: 38.91926, Longitude: -120.01099

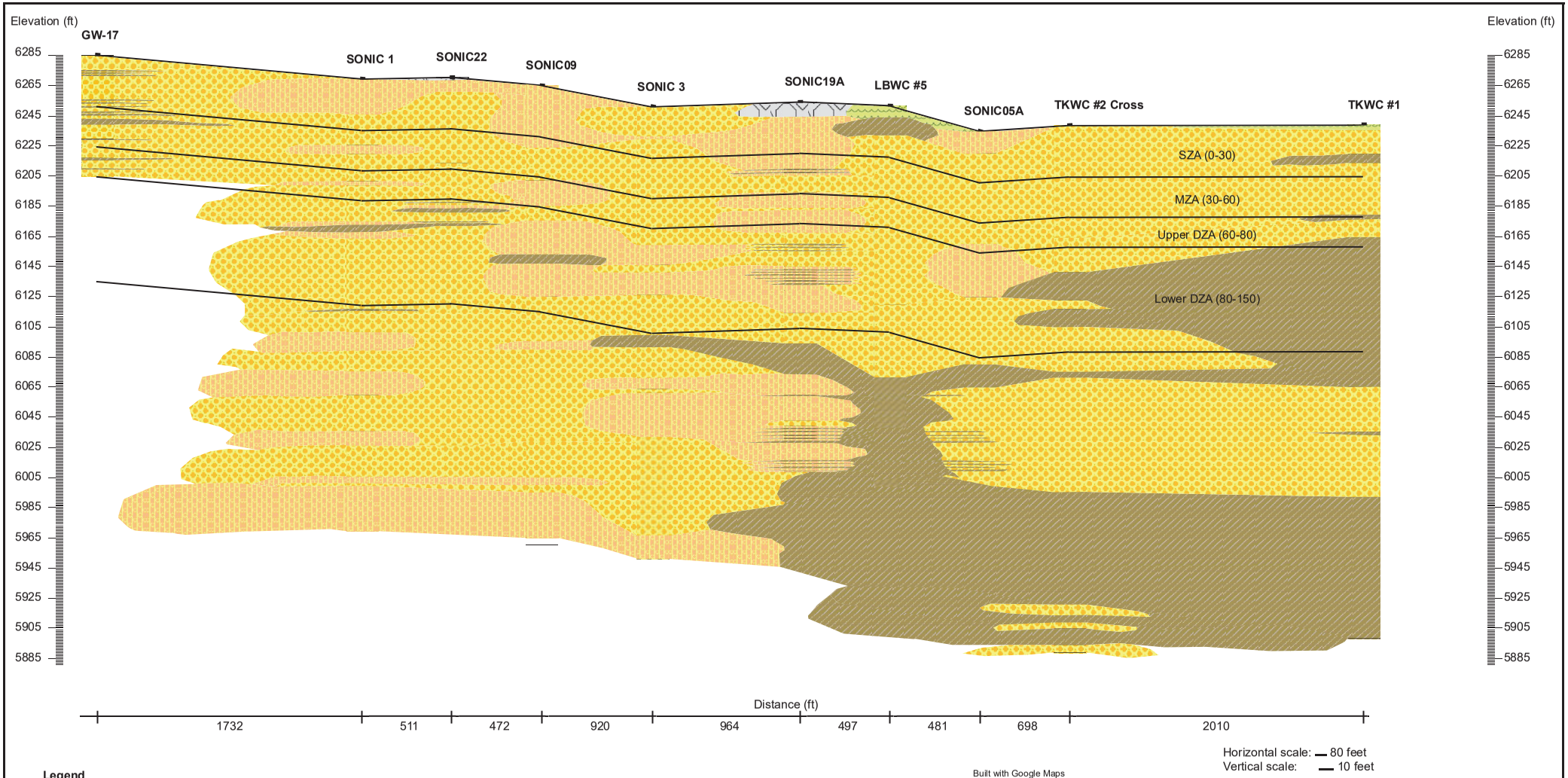
MUNICIPAL, SENTRY AND NON-MUNICIPAL WELL LOCATION MAP

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 1-2

August 2026



Horizontal scale: 80 feet
Vertical scale: 10 feet

Legend

- SAND/GRAVEL
- Silty/Clayey SAND
- SILT/ CLAY
- FILL
- Topsoil

Built with Google Maps

GEOLOGIC CROSS SECTION

Regional PCE Contamination
South Lake Tahoe, California

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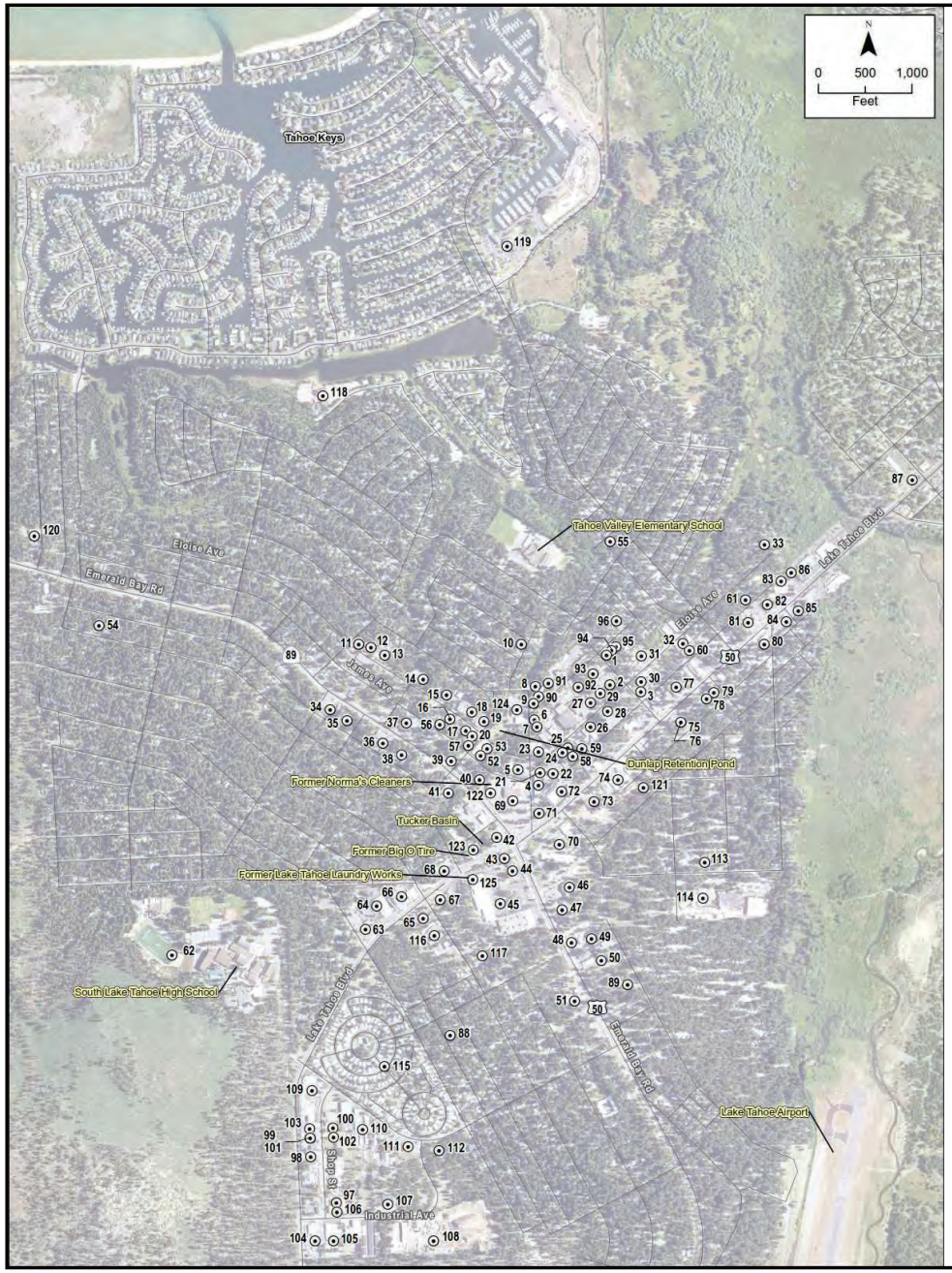
Figure 2-1

August 2026



1 Crow's Auto Care
2 Emerald Bay Towing
3 Tahoe Pool Service
4 Tahoe Mobile Auto
Dan's Auto Works
Marine Performance
German Performance
5 Avista Utilities
6 South Shore Auto Body
Tahoe Offset Printing
7 Sierra Alternators & Starters
8 Meyers Marine
9 South Tahoe Refuse
South Side Auto Body
10 I Can Fix That!
11 McGee Plumbing
12 Residential Property
13 Gary Jones Paving
14 Sierra Tahoe T Shirt Co
KC Automotive
Welcome's Auto Body
Bill's Garage
Precision Auto Body
15 All in One Auto Repair & Towing
16 Coordinated Transit Systems/Sunshine/Yellow Taxi-Yellow Cab
Bill's Garage
17 South Side Auto Body
March's Auto Body
Different Drummer Auto Body
Del's Auto Body
18 Struve Automotive
Bill's Automotive
19 Sierra Pacific Power
CALPECO Main Office (Liberty Utilities)
20 South Side Auto Body
Two Guys Automotive
Tahoe Test and Tune
21 Redwood Oil
Sierra Key-Lock
22 Berry-Hinckley Industries Bulk Fuel
Chevron 1001382
Sierra Carpet Service
23 Pacific Bell / AT&T
24 Sierra Carpet Service
25 Ron Fuller Construction
26 Trinity Landscaping
Walker Marine
Apollo Plumbing
Terry's Apollo Plumbing
27 Tahoe Tours
Tahoe Motors
28 Creative Fabrication
29 Eloise Automotive Alignment
Sierra Automotive and Marine Specialties
Engine Dynamics Co
Tahoe Test Tune
30 George's Performance
31 Alpine Smith
32 Struve Automotive
South Shore Transmission
High Sierra Tune Up
33 Little Truckee Mobile Home Park
34 7-Eleven
Rudy's Plumbing
Ted's Fix-it Shop
35 Fast Print
36 Redwood Printing
Anchor Printing / BelPac South
Tahoe Valley Laundromat
37 Old Stage Mobile Home Park
38 Postal Instant Press
39 Former Beacon/Swiss Mart Gasoline Service Station
40 Custom Carpet Clean
Chem-Dry Carpet Cleaning
41 TCI Cable Site/Former Honda Motor Company Dealership
Coldwell Banker
42 Runnels Automotive
43 Former South Y Exxon Service Station
Chief Auto
44 Equilon Enterprises LLC
South Tahoe Shell Gasoline Service Station (South Y Shell)
Shell Oil Company
45 Raley's
South Y Center
Kmart
46 CVS Pharmacy
47 Emerald Bay Chevron (Former Chevron 9-0672)
48 National Car Rental
49 U-Haul
50 Southside Machine Shop
L&L Auto Body & Paint Shop
51 Former USA Gas #7 (Oasis Service Station) American #1
Lake Tahoe Body Shop
Lovett's Body Shop
Mathisen Automotive
Expert Auto Service
Christensen Automotive
52 DC Turbo Parts
53 Summit Carpets - 2032 Fifth Street
Vanek's Engine Specialist - 2035 Fifth Street
Crows Auto Care - 2042 Fifth Street
Expert Auto Service - 2042 Fifth Street
Paradise Garage - 2042 Fifth Street
Performance Mobile Auto Repair - 2042 Fifth Street
American Motorcycle Service - 2042 Fifth Street
Performance Sleds- Polaris Parts - 2042 Fifth Street #8
Abbey Motors - 2042 Fifth Street - 2042 Fifth Street #11
Higher Grounds Autoworx - 2042 Fifth Street Unit 10
54 MTR Marine & Truck Repair
55 Lees Automotive Repair
56 Anchor Printing
57 South Side Auto Body
58 Carpet Plus
59 Tahoe Film Works
60 House of Carpets
Tahoe Import Supply
61 Tahoe Diesel Service
62 South Tahoe High School
63 Shehadi Motors
Cardinale Way Toyota
64 South Shore Motors
Subaru Sales & Service
65 Pacific Bell
66 AMC/Jeep.Renault Dealership
Les Schwab Tire Center
Baker Automotive
Bill Winks Motor Sales Inc.
Terry Libbon Motors - Chevrolet
DBA Lake Tahoe Auto Village
67 South Lake Tahoe
Kragen Auto #1654
Montgomery Ward
68 Napa/Former Lakeside Auto
Scotty's Hardware
69 TJ Maxx
70 Former Lampson One Hour Cleaners
Sierra Dry Cleaners
S&S One Hour Dry Cleaning
71 Former Five Star Texaco
72 Caltrans Corp Yard
73 Ross Groelz DDS
74 Ken's Tire Center
75 Eastern Sierra Histology
Sierra One Hour Photo
76 Classic Dry Cleaners
Hills Center Wash & Fold Laundromat
Uncle Bobs Laundromat
High Sierra Coin Laundry
77 Instant Copy
78 Alpine Carpets
79 Road Rash Café
80 House of Carpets
81 Tahoe Auto Parts
82 One Hour Martinizing
Tahoe One Hour Cleaners
83 CSK Auto, Inc.
Tires Plus
O'Reilly Auto
Wheel Works
84 Beacon Station No 688
85 Billy's Auto Body
Ed's Auto Body
86 Fast Print
87 Union Oil SS #5170
88 SLT Automotive
89 Kelly's Mobile Auto Repair
90 Tahoe Transmission
Art's Transmission
91 Five Star Auto Mikes Garage
Bijou Shell Service Station
Bills Automotive
92 South Tahoe Refuse
93 Alpine Metals
94 Axelson Iron Shop
95 Norm's Auto Repair
96 Dunn's Auto Repair
Diamond Jim's LTD
Scott's Custom Machine
Diamond Woodcraft
97 Welcome's Auto Body
Ben's Place
Precision Body Work & Painting
98 Alpine Carpets
99 City of SLT Bus Depot
Stage Bus Property
100 City of South Lake Tahoe Cabinet/Paint Shops
101 Tectrans
Area Transit Management Inc
El Dorado Motors
Old El Dorado Motors
102 Sam's Auto Care & Mobile Repair
103 Cella's Paint & Body Shop
104 Delta Tahoe Ind. Prop.
Radiator Doctor
Tahoe Diesel Service
Giuespie Diesel Delta
105 Sierra Shirts Inc.
106 Owen Brothers Transfer
107 Barkley Meat Co
108 Tahoe Asphalt
109 City of South Lake Tahoe Corporation Yard
Public Works Equipment Maintenance
110 UPS - 1746 D Street
Rodney's Import Auto - 1748 D Street
Sierra Fleet - 1748 D Street
Tahoe Test & Tune - 1748 D Street #2
Rubicon Moon Automotive
111 Perry's Auto Body
112 Euro-Asian Imports Inc.
113 Outpatient Medical Imaging
114 Barton Memorial Hospital
115 Newport Pacific Tahoe Verde LPD / Tahoe Verde Mobile Home Park
116 Kmart
117 Tahoe Valley Townhomes
USA Gasoline Corp
118 Tahoe Keys POA
119 Lake Tahoe Orthopedic Institute
120 Lukins Brothers Water Company
121 Alpine Smith, Inc.
122 Hurzel / Former Norma's Cleaners
123 Big O Tires
124 Liberty Utilities
125 Lake Tahoe Laundry Works

⊙ Properties Listed in Source Area Inventory

Notes:

1. This map depicts the preliminary results of an initial search for ***potential*** sources of PCE groundwater contamination resulting from a survey completed by the Lahontan Water Board (See Table B-1 in Appendix B). Inclusion on this map ***does not*** imply that a facility is a source of environmental contamination. Rather, facilities on this map satisfied certain broad and inclusive criteria suggesting that further evaluation of historical PCE use and waste management was warranted to assess which, if any, of the mapped facilities constitute ongoing sources of PCE groundwater contamination.

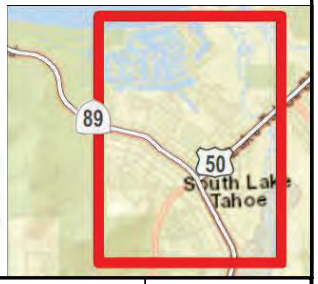
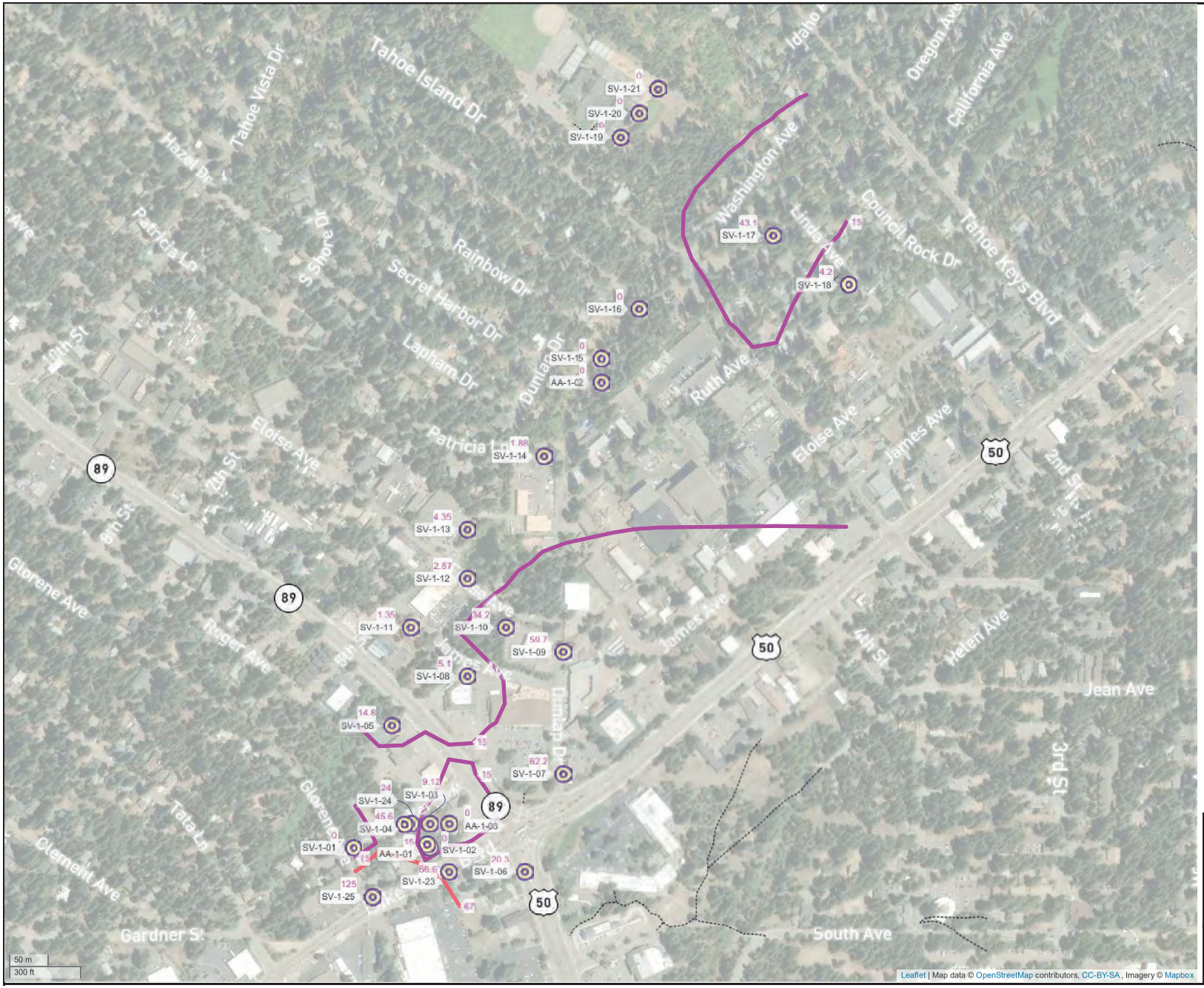


Figure 2-2	**POTENTIAL SOURCE AREA INVENTORY**	WEST Environmental Services & Technology
August 2026	Regional PCE Contamination, South Lake Tahoe, California	



N
W E
S

Legend

- Passive Soil Gas Sample Location
- 0 PCE Concentration in ug/m^3
- Line of equal concentration 15 ug/m^3
- Line of equal concentration 67 ug/m^3

Latitude: 38.91609, Longitude: -120.00460

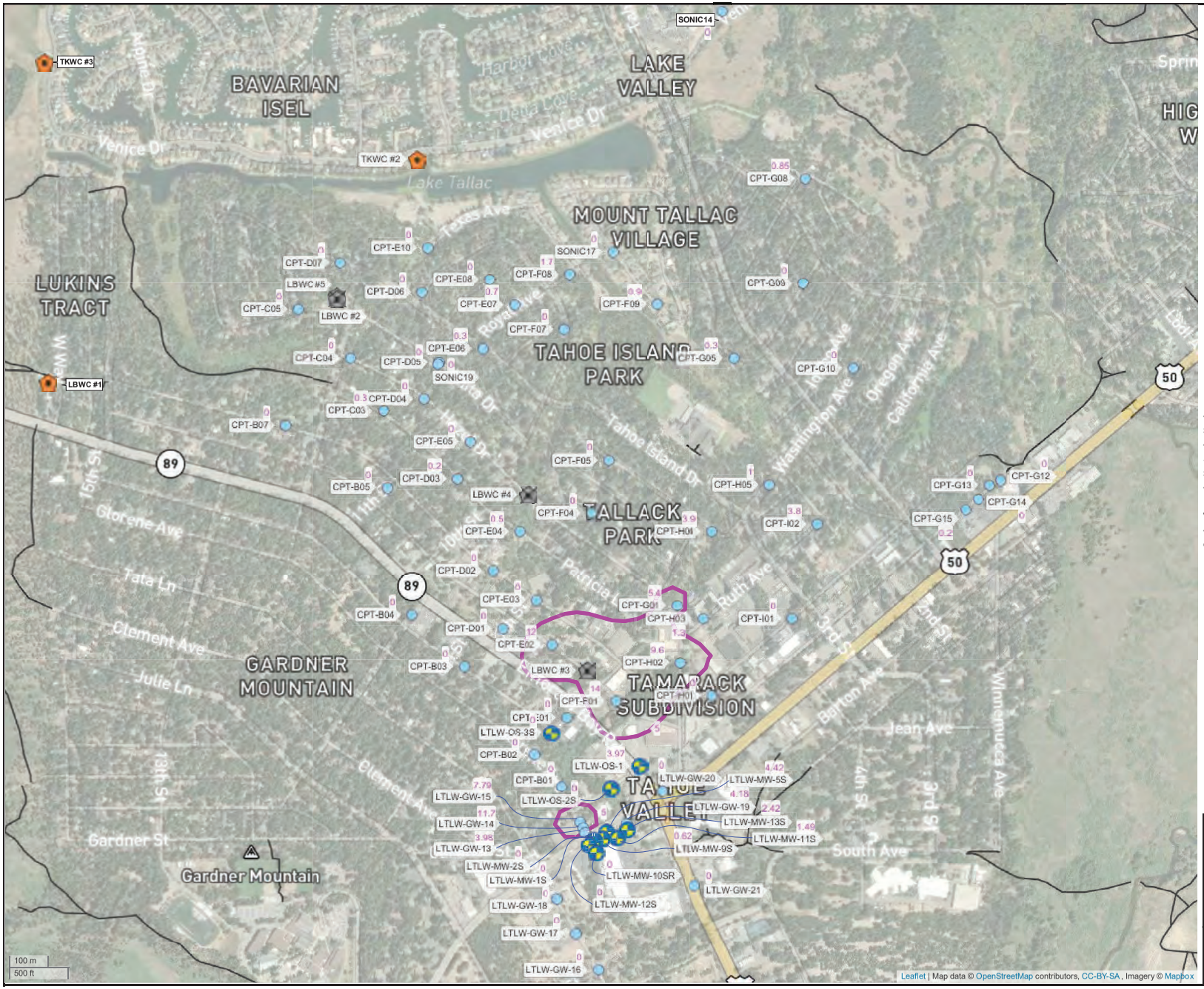
PCE IN SOIL GAS

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 2-3

August 2026



N

W E

S

Legend

- Grab Groundwater Sample Location
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Monitoring Well
- 0 PCE Concentration in micrograms per liter
- Line of equal concentration 5 ug/l

Notes:

-Presents the most recent PCE groundwater data since January 1, 2019.
-Excludes grab groundwater samples collected within 50 feet laterally of a monitoring well or sentry well screened over the same collection depth interval.
-Reports the maximum concentration when more than one result is available for a given location on the same day within the specified depth interval.
-Isoconcentration contours generated using inverse distance weighting (IDW) interpolation.

Latitude: 38.91939, Longitude: -120.00705

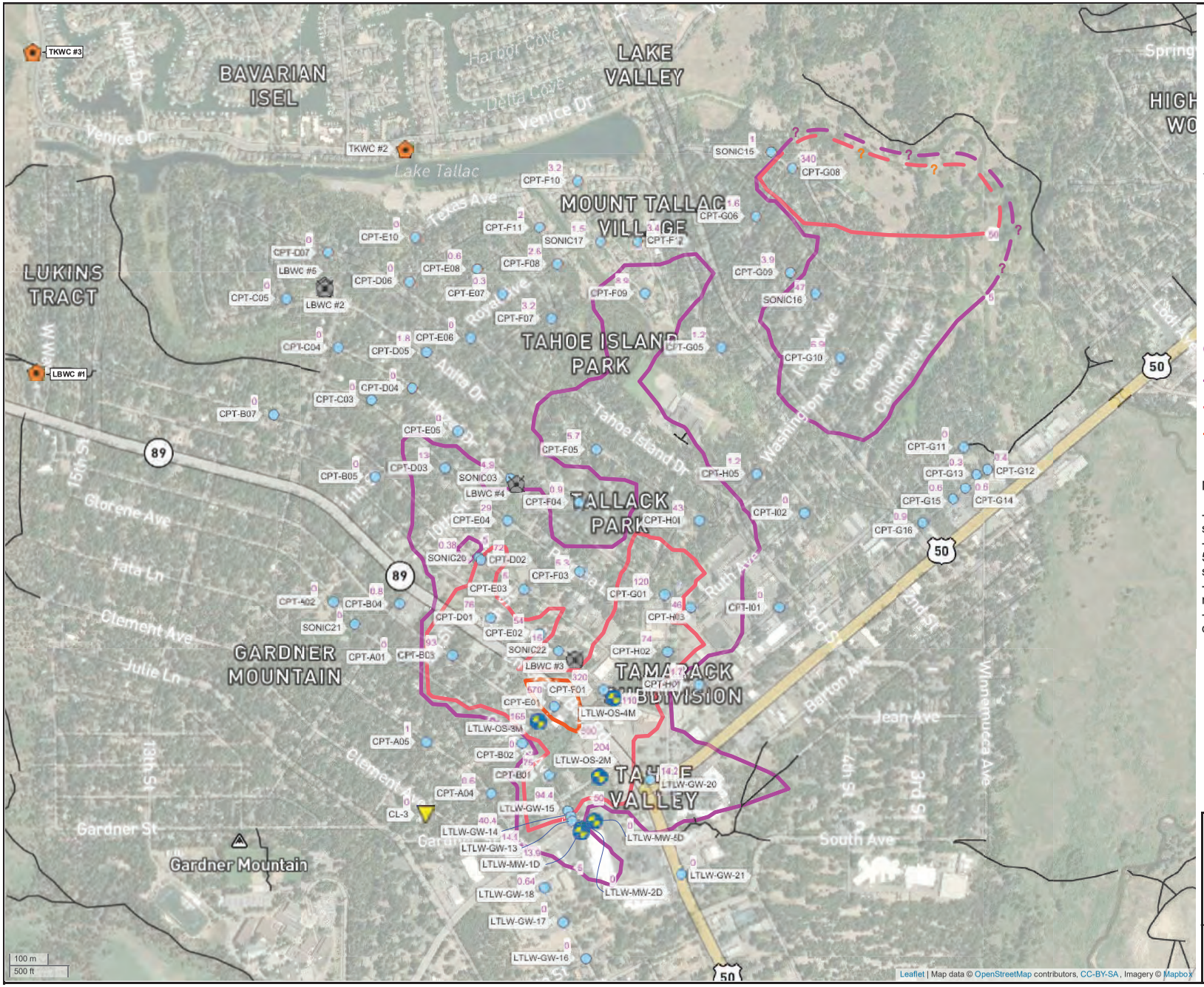
PCE IN SZA
(0-30 FT)

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 3-1

August 2026



N

W E

S

Legend

- Observation Well
- Grab Groundwater Sample Location
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Monitoring Well
- 0 PCE Concentration in micrograms per liter
- Line of equal concentration 5 ug/l, dashed if inferred
- Line of equal concentration 50 ug/l, dashed if inferred
- Line of equal concentration 500 ug/l, dashed if inferred
- ? ? Unknown lateral extent

Notes:

-Presents the most recent PCE groundwater data since January 1, 2019.
-Excludes grab groundwater samples collected within 50 feet laterally of a monitoring well or sentry well screened over the same collection depth interval.
-Reports the maximum concentration when more than one result is available for a given day.
-Isoconcentration contours generated using inverse distance weighting (IDW) interpolation.

Latitude: 38.91988, Longitude: -120.00698

PCE IN MZA
(30-60 FT)

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 3-2

August 2026

N
W E
S

Legend

- Active Small Community Well
- Active Private Supply Well
- Observation Well
- Grab Groundwater Sample Location
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Sentry Well
- 0 PCE Concentration in micrograms per liter
- Line of equal concentration 5 ug/l, dashed if inferred
- Line of equal concentration 50 ug/l, dashed if inferred
- ? ? Unknown lateral extent

Notes:

-Presents the most recent PCE groundwater data since January 1, 2019.
-Excludes grab groundwater samples collected within 50 feet laterally of a monitoring well or sentry well screened over the same collection depth interval.
-Reports the maximum concentration when more than one result is available for a given day.
-Isoconcentration contours generated using inverse distance weighting (IDW) interpolation.

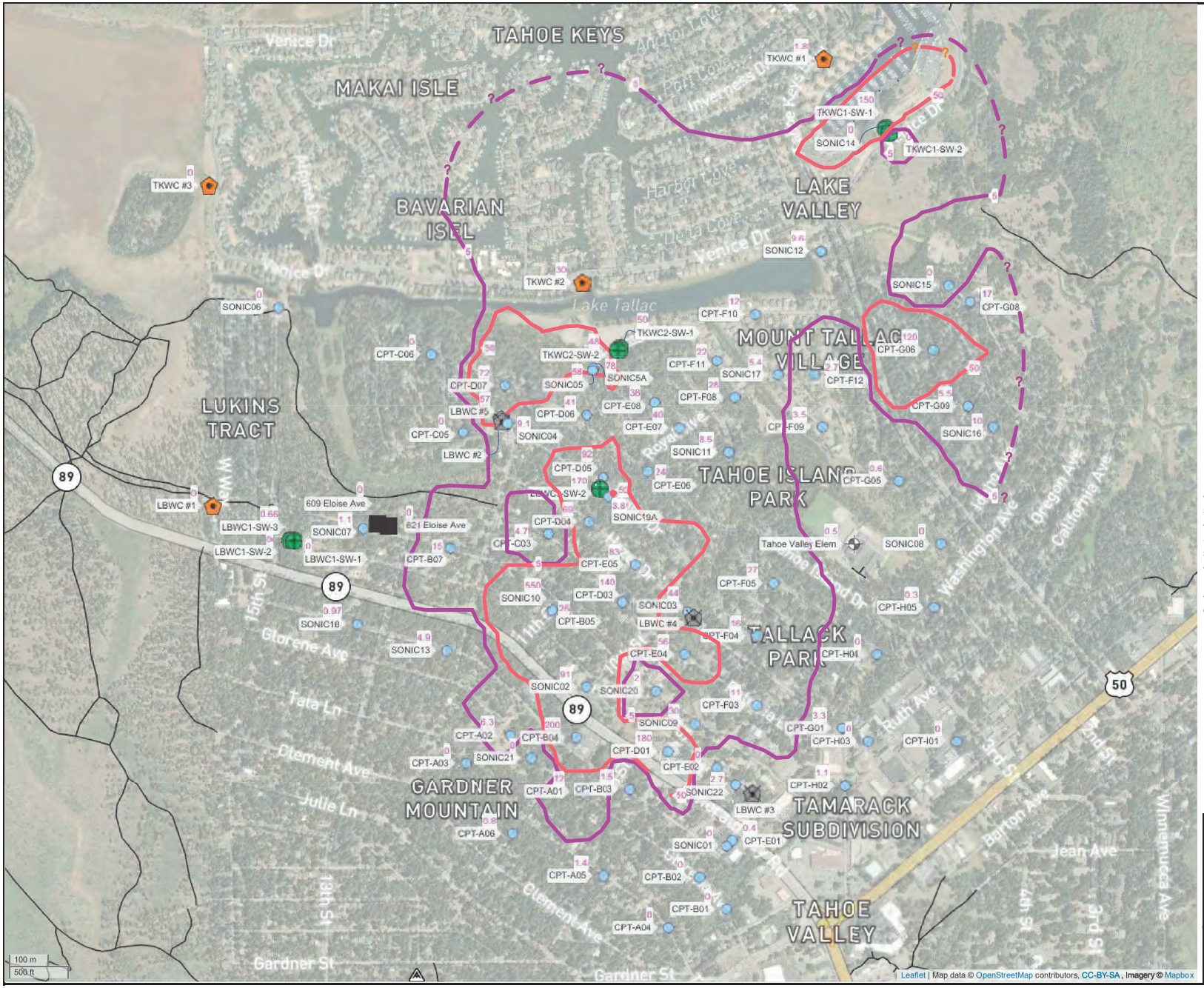
Latitude: 38.92039, Longitude: -120.00850

PCE IN UPPER DZA (60-80 FT)

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 3-3
August 2026



N

W E

S

Legend

- Active Private Supply Well
- Groundwater Sample Location
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Sentry Well
- Inactive Small Community Well
- 0 PCE Concentration in micrograms per liter
- Line of equal concentration 5 ug/l, dashed if inferred
- Line of equal concentration 50 ug/l, dashed if inferred
- ? ? Unknown lateral extent

Notes:

-Presents the most recent PCE groundwater data since January 1, 2019.
-Excludes grab groundwater samples collected within 50 feet laterally of a monitoring well or sentry well screened over the same collection depth interval.
-Reports the maximum concentration when more than one result is available for a given day.
-Isoconcentration contours generated using inverse distance weighting (IDW) interpolation.

Latitude: 38.92233, Longitude: -120.00951

PCE IN LOWER DZA (80+ FT)

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 3-4

August 2026

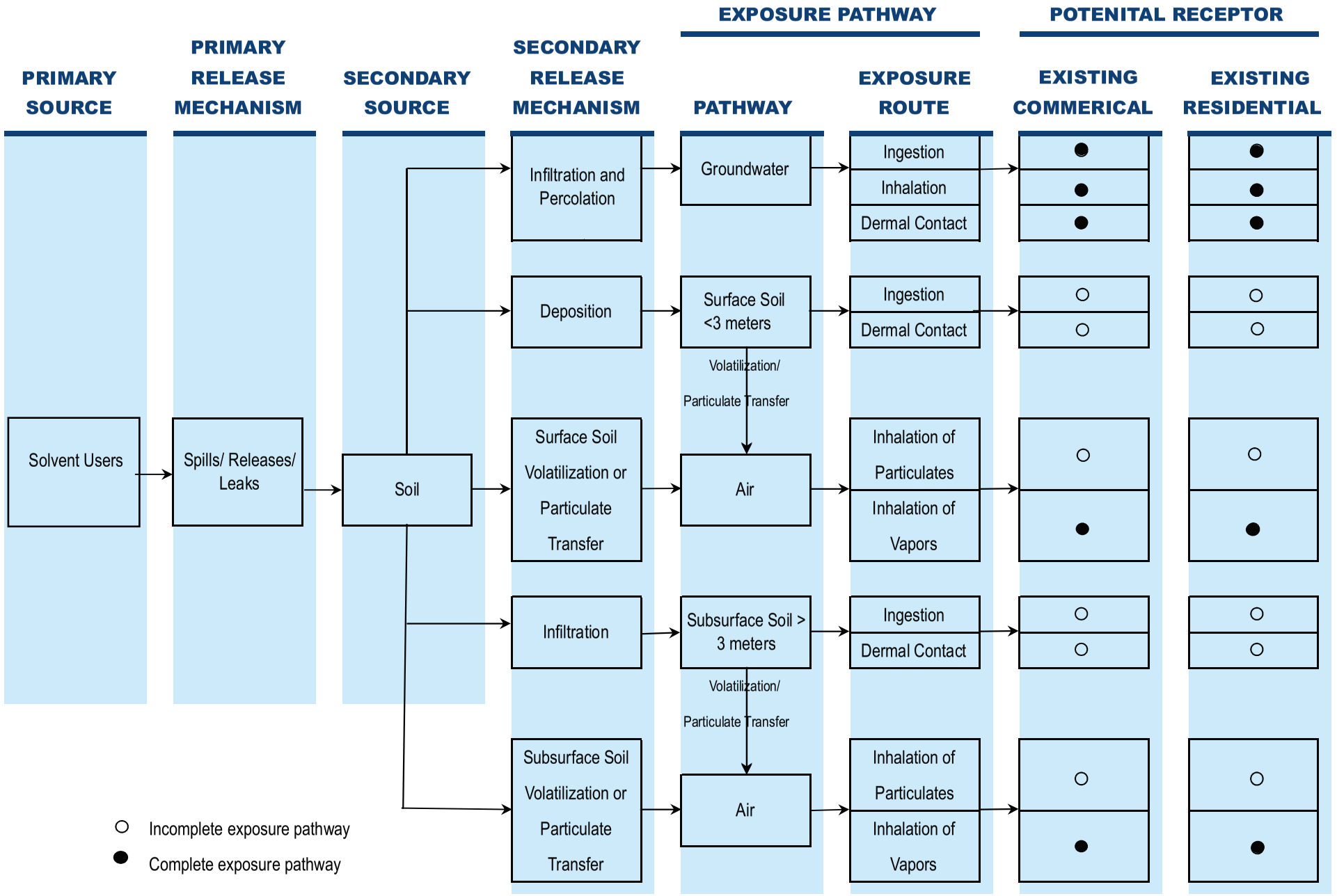


Figure 3-5	**EXPOSURE PATHWAY CHART**	WEST Environmental Services & Technology
August 2026	Regional PCE Contamination, South Lake Tahoe, California	

APPENDIX A

LUKINS BROTHERS WATER COMPANY SETTLEMENT AGREEMENT

SUBJECT TO CONFIDENTIALITY AGREEMENT
8-12-26

SETTLEMENT AGREEMENT AND RELEASE

This SETTLEMENT AGREEMENT AND RELEASE (the "Settlement Agreement") is made and entered into among Lukins Brothers Water Company Inc. ("Lukins"), Seven Springs Limited Partnership ("SSLP"), and Fox Capital Management Corporation ("Fox") (each a "Party" and collectively, the "Parties").

RECITALS

This Settlement Agreement is made for the following purposes and with reference to the following facts:

WHEREAS, Lukins—an investor-owned water utility formed and existing under the laws of the State of California and regulated by the California Public Utilities Commission ("CPUC")—provides domestic water service to its customers in South Lake Tahoe, California, and operates or has operated Lukins Well Nos. 1, 2, 3, 4, and 5.[1]

WHEREAS, SSLP currently owns the South Y Shopping Center, located near the intersection of Emerald Bay Road and Lake Tahoe Boulevard in South Lake Tahoe, El Dorado County, California.

WHEREAS, Fox is the former general partner of a now defunct entity, Century Properties Equity Fund 73, which owned the South Y Shopping Center between 1974 and 1985.

WHEREAS, between May 1972 and approximately 1979 or 1980, a coin-operated drycleaner unit was operated by a business known as Lake Tahoe Laundry Works ("LTLW") at the South Y Shopping Center.

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[1] The geographic locations of Lukins Wells No. 1, 2, 3, 4, and 5 are identified in [name of Lukins document] attached hereto as Ex. __.

WHEREAS, since 1989, the Lahontan Regional Water Quality Control Board ("Regional Board") has investigated contamination associated with discharges of tetrachloroethylene and its daughter products (collectively, "PCE") in the South Lake Tahoe area, including, for the purposes of this Settlement Agreement, discharges of PCE from the LTLW, (the "Regional PCE Contamination") and has named SSLP and Fox, among other parties, as dischargers in a Proposed Cleanup and Abatement Order dated August 17, 2023, ("Proposed CAO") based on alleged discharges of PCE from the LTLW site.[2]

WHEREAS, on July 3, 2017, Lukins filed a lawsuit against Fox, SSLP, and other defendants (collectively, "the defendants"), in County of El Dorado Superior Court, South Lake Tahoe Branch, alleging that the defendants caused Lukins's groundwater supplies to become contaminated with PCE at levels in excess of the State of California's Maximum Contaminant Level for drinking water.

WHEREAS, the July 3, 2017, lawsuit captioned *Lukins Brothers Water Company, Inc. v. Fox Capital Management Corporation, et al.*, Case No. SC20170217 (El Dorado Superior Court) (the "Lukins Action"), contained eleven causes of action (the "Causes of Action") and sought recovery from the defendants for the cost of replacement water, water treatment facilities, and lost well capacity.[3]

WHEREAS, on October 10, 2017, Lukins entered into an Agreement Regarding Tolling of Limitations Periods and Dismissal of Pending Complaint Without Prejudice (the "Tolling Agreement")[4] with SSLP, Fox, and three other defendants in the Lukins Action.

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[2] The Proposed CAO is attached hereto as Exhibit X.
[3] The Complaint in Case No. SC20170217 is attached hereto as Exhibit X.
[4] The Tolling Agreement is attached hereto as Exhibit X.

WHEREAS, in the Tolling Agreement, as amended by the parties thereto in July 2021, Lukins and the defendants agreed to toll the running of any statute of limitations, statute of repose, period of prescription, laches, and any other rule or doctrine, at law or in equity, that is applicable to any of Lukins's Causes of Action from the effective date of the Tolling Agreement until such time as either (i) any party to that agreement elects to terminate it, or (ii) July 3, 2025.

WHEREAS, in the Tolling Agreement, as amended by the parties thereto in July 2025, Lukins and the defendants agreed to toll the running of any statute of limitations, statute of repose, period of prescription, laches, and any other rule or doctrine, at law or in equity, that is applicable to any of Lukins's Causes of Action from the effective date of the Tolling Agreement until either (i) such time as any party to that agreement elects to terminate it, or (ii) December 31, 2025.

WHEREAS, the Parties agreed in December 2025 to further extend the Tolling Agreement as between them until either (i) such time as any party to that agreement elects to terminate it, or (ii) March 31, 2026.

WHEREAS, on October 18, 2017, pursuant to the Tolling Agreement, Lukins filed a request for dismissal without prejudice of the Lukins Action. The El Dorado Superior Court entered a dismissal in the Lukins Action on October 19, 2017.

WHEREAS, after SSLP and Fox engaged in extended dispute resolution and negotiation with the Regional Board with respect to the matters addressed in the Proposed CAO, the Parties resumed settlement negotiations regarding the Causes of Action and related issues in 2023.

WHEREAS, on March 18, 2025, the Parties engaged in a mediation at the JAMS San Francisco Resolution Center, located at 2 Embarcadero Center, Ste 1500, San Francisco, CA 94111. As a result of that mediation, the Parties have agreed to settlement of their dispute as set forth herein with no admission of liability whatsoever by any Party.

NOW, THEREFORE, IT IS HEREBY AGREED, by and among the Parties to this Settlement Agreement, by and through their respective undersigned attorneys, that the Released Claims, as defined below, are to be settled and compromised on the following terms and conditions:

TERMS OF AGREEMENT

1. CONSIDERATION

a) Upon execution of this Settlement Agreement by all Parties, and subject to the conditions precedent defined herein, SSLP and Fox shall cause to be paid Two Million Six Hundred Thousand Dollars ($2,600,000) to Lukins (the "Settlement Payment") within thirty (30) days of the Effective Date of this agreement by electronic deposit/ wire transfer to the client trust account of Lukins's counsel, Robins Borghei LLP, pursuant to the following wire instructions:

Bank Name:	Columbia Bank dba Pacific Premier Bank
Bank Address:	201 B Ave, Lake Oswego, OR 97034
ABA / Routing #:	322285781
Beneficiary Name:	Robins Borghei LLP Attorney Client Trust
Beneficiary Account #:	3504059654
Memo:	Lukins Brothers Water Company, Inc.

b) Unless otherwise agreed upon by the Parties in writing, Lukins agrees that the Settlement Payment funds will be used solely for operation and maintenance of its granular activated carbon ("GAC") treatment plant currently treating water from Lukins Well No. 5 ("Wellhead Treatment") pursuant to the following details and covenants:

i. Lukins agrees to operate Wellhead Treatment on Lukins Well No. 5 for as long as Lukins operates Lukins Well No. 5 and Wellhead Treatment is required by

Lukins' California State Water Resource Control Board, Division of Drinking Water ("DDW") operating permit or any future permit that authorizes or regulates Lukins' use of Lukins Well No. 5 as a public water system source of supply. Lukins further agrees that it will promptly seek a determination from DDW that treatment is no longer necessary once the running annual average concentration of PCE (including its daughter products) remains consistently below the Maximum Contaminant Level for at least one year in raw water samples from Well No. 5; provided, however, that the Parties hereby recognize that it is within DDW's discretion to determine when a public water system may discontinue use of a permitted drinking water treatment system.

ii. Lukins agrees to continue to operate Lukins Well No. 5 unless and until Lukins determines in its sole and absolute discretion that it is no longer financially and/or operationally feasible to do so.

iii. Lukins agrees that, to the extent commercially reasonable (without taking into account any funds that may be obtained from SSLP or Fox), it will install any future well(s) in a location (A) that is outside the boundaries of the Regional PCE Contamination, as delineated by the map the Regional Board or its staff designate as the most recent map depicting the boundaries of the Regional PCE Contamination at the time the site for such future well is selected by Lukins, (B) that is outside the reasonably anticipated migration path of the Regional PCE Contamination, as delineated based on then available groundwater science and taking into account the effect that pumping the future well would have on groundwater flow direction, as assessed at the time the site for such future well

is selected by Lukins, and (C) such that pumping of the future well would not reasonably be expected to result in the Regional PCE Contamination materially impacting any then-existing production well in the Tahoe Valley South Subbasin . To the extent water supply or other circumstances require Lukins to install a well within the area described by subparagraphs (A), (B) or (C) ("Restricted Area"), Lukins, by this Settlement Agreement, hereby assumes all of the risk with respect to any PCE contamination that may impact any future well or then-existing production well described in (A) or (B) and shall indemnify and defend SSLP and Fox from any Claims (as defined below) with respect thereto. In the event Lukins' future well or a then-existing production well described in (A), (B) or (C) is impacted by PCE from the Regional PCE Contamination during such well's operational life, Lukins additionally waives and releases any and all losses, damages, liabilities, deficiencies, claims, causes of action, obligations, actions, demands, rights, judgments, attorneys' fees, settlements, interest, awards, penalties, fines, costs, or expenses of whatever kind, known or unknown, arising at any time (collectively "Claims") and causes of action against the Released Parties (as defined below) arising out of any such impacts, consistent with the Release set forth in **Section 2** below.

c) In the event of a change in name or transfer of ownership or operational responsibilities of Lukins or Lukins Well No. 5, Lukins will:

i. Provide 30-day advance notice to the Regional Board, Fox, and SSLP prior to any planned changes in name, ownership, or operational responsibility of its water system or Well No. 5; and

ii. Comply with existing regulatory requirements associated with any such name change or transfer.

d) In the event that Lukins makes a determination that Well No. 5 requires substantial repairs (i.e. repairs requiring the well to be offline for more than sixty [60] consecutive days), rehabilitation or replacement or Well No. 5 otherwise becomes non-operational for more than sixty (60) consecutive days during the 59 years following the Effective Date and prior to a DDW determination that treatment at Well No. 5 is no longer needed ("the Offline Determination"), Lukins agrees to do the following:

i. Lukins will notify Fox, SSLP, and the Regional Board within ten (10) business days of Lukins' Offline Determination;

ii. Lukins will promptly diagnose the problem with the well, if any; evaluate alternative solutions, if appropriate; obtain an estimate of the cost to repair, rehabilitate or replace the well or otherwise restore the well to operation, as necessary, to enable continued GAC treatment of groundwater at the Well No. 5 site ("Cost Estimate"); and promptly share its diagnosis and Cost Estimate with Fox, SSLP and the Regional Board no later than ninety (90) days of issuing the Offline Determination;

iii. Lukins will attempt in good faith to reach an agreement with Fox, SSLP, and the Regional Board to facilitate any necessary repairs, rehabilitation or replacement of the well or other actions that will enable Lukins to continue GAC treatment of groundwater at the Well No. 5 site;

iv. If no agreement is reached within one hundred twenty (120) days of Lukins providing the Cost Estimate to Fox, SSLP and the Regional Board, then within two hundred ten (210) days of providing the Cost Estimate, Lukins shall elect

to either (A) resume operation of Well No. 5 and the GAC treatment system at the Well No. 5 site or (B) permanently terminate operation of Well No. 5 and the GAC treatment system, and provide written notice thereof to Fox, SSLP, and the Regional Board of such election (the "Election Notice"), provided that if Lukins does not provide an Election Notice within two hundred ten (210) days of providing the Cost Estimate or fails to provide the Cost Estimate within two hundred ten (210) days of issuing the Offline Determination, it shall be deemed to have elected to permanently terminate operation of Well No. 5;

v. Within sixty (60) days of the date of the Election Notice, if Lukins either elected to or is deemed to have elected to permanently terminate operation of Well No. 5 in accordance with (d)(iv) above, then Lukins shall return to Fox and SSLP any and all funds remaining from the Settlement Payment so that those funds are available to fund activities as required by the Off-Site Remedial Action Plan adopted pursuant to the Stipulated Cleanup and Abatement Order negotiated between the Regional Board, Fox, and SSLP ("Stipulated CAO").

vi. If, in the event Lukins elects or is deemed to have elected to permanently terminate operation of Well No. 5 in accordance with (d)(iv) above, Fox and SSLP request access to Lukins' property to install a groundwater treatment system pursuant to their obligations under the Stipulated CAO, Lukins will attempt in good faith to reach agreement with Fox and SSLP to provide them access to such property on commercially reasonable terms.

e) The Parties agree that Lukins' management, accounting, and use of Settlement Payment funds shall be in accordance with CPUC Decision 10-10-018: "Decision Adopting Rules

for Accounting Treatment of Contamination Proceeds Arising From Government Grants and Proposing Counterpart Rules for Government Loan and Damage Awards" and Decision 10-12-058: "Decision Modifying and Adopting Various Rules for the Accounting Treatment of Contamination Proceeds." [5]

i. If, when Lukins receives a determination from DDW that treatment is no longer necessary, the Settlement Payment has not been exhausted, Lukins shall retain the remaining funds and use them in accordance with CPUC Decisions 10-10-018 and 10-12-058.

f) So long as the final version of the Stipulated CAO is not materially different from the draft provided to Lukins' counsel on ___, (i) the Parties agree that they will cooperate for purposes of gaining the Regional Board's approval of this Settlement Agreement as well as the Stipulated CAO, including, without limitation, providing data and information as required by the Regional Board and engaging in discussions with the Regional Board as necessary to demonstrate that the actions required by the Settlement Agreement will be adequate to safeguard human health and the environment with regard to the current and reasonably anticipated future impacts of the Regional PCE Contamination on Lukins' operations; and (ii) Lukins agrees not to affirmatively object to the Stipulated CAO or the documents supporting its approval, or take any action to or otherwise attempt to challenge or overturn its approval or implementation, provided, however, that Lukins shall not be held in breach of this Settlement Agreement for the contents of any responses to questions posed to Lukins in connection with the Stipulated CAO approval process. Notwithstanding any other provision of this Settlement Agreement, this Paragraph 1(f) shall

[5] CPUC Decisions 10-10-018 and 10-12-058 are attached hereto as Exhibits X and X. -

become effective immediately upon execution of this Settlement Agreement by all Parties and prior to the Effective Date.

g) Lukins shall be solely responsible for any federal, state, and local taxes that may be due on the Settlement Payment, and agrees to indemnify defend, and hold the Released Parties (as defined below) harmless for any and all claims involving federal, state, or local taxes resulting from such responsibility.

h) The Parties expressly acknowledge and agree that the Settlement Payment (i) is the result of good-faith negotiations conducted by and among the Parties and (ii) represents the sole consideration for the mutual releases contained herein. The Parties further acknowledge that any monies paid to Lukins do not represent and shall not in any way be considered a measure of Lukins's damages.

i) All Parties shall bear their own attorneys' fees and costs.

j) Each of the Parties shall sign such further documents and take such further action as reasonably may be reasonably necessary to effectuate the terms of this Settlement Agreement.

2. MUTUAL RELEASES AND WAIVER OF CIVIL CODE SECTION 1542.

a) Lukins itself, and on behalf of its heirs, executors, administrators, agents, attorneys, officers, directors, shareholders, successors, and assigns, does hereby release, acquit, and forever discharge the "Released Parties" as defined below, collectively and individually, from any and all Claims (i) that arise from or are related to or connected with any of the Causes of Action asserted in the Lukins Action, (ii) that could have been or could in the future be asserted against the Released Parties regarding the Regional PCE Contamination as to Lukins Well Nos. 1, 2, 3, 4, and 5, and (iii) that are related to the Regional PCE Contamination in connection with any other well or wells constructed, operated, or owned by Lukins within the Restricted Area after the Effective

Date of this Settlement Agreement (collectively the "Released Claims"). The term "Released Parties" means SSLP and Fox, their past, present or future predecessors, successors, parent entities, subsidiaries, affiliates, divisions, partners, members, and related entities of any nature, as well as their past, present, or future officers, directors, employees, consultants, contractors, service providers, vendors, heirs, executors, administrators, bankruptcy trustees, bankruptcy estate, investors, shareholders, lenders, guarantors, insurers, indemnitors, attorneys, agents, and assigns, including, without limitation, any person related to any such entity or person who is, was, or could have been named as a defendant in any lawsuit or arbitration asserting the Released Claims. Notwithstanding anything stated in the foregoing release of Claims, nothing in this Settlement Agreement, including the foregoing release of Claims, shall prohibit, prevent or limit Lukins from receiving or benefiting from any replacement water order or other relief the Regional Board may require the Released Parties to provide in the future.

b) SSLP and Fox hereby forever release and discharge Lukins, its heirs, attorneys, agents, representatives, and assigns from any and all Claims that arise from or are related to or connected with any of the Released Claims, or that could have been asserted against Lukins in any action related to the Released Claims, except with respect to the obligations set forth herein.

c) Lukins agrees that in the event it makes a Claim against any person or entity not a party to this Agreement with respect to the subject matter of any Released Claim, Lukins shall indemnify, defend, and hold harmless the Released Parties from any Claim arising therefrom and any settlement or other resolution thereof shall include a waiver of such person or entity's rights, if any, to recover from the Released Parties.

d) It is further understood and agreed that as part of the consideration and inducement for the execution of this Settlement Agreement, the Parties specifically waive the provisions of Section 1542 of the California Civil Code, which reads as follows:

> A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.

3. COVENANTS, REPRESENTATIONS, WARRANTIES, and CONFIDENTIALITY

a) The Parties covenant and warrant that they have the full power and authority to enter into this Settlement Agreement and to carry out its terms and that they have not previously assigned, sold, or otherwise pledged or encumbered any right, title, or interest in the claims released herein or their right, power, and authority to enter into this Settlement Agreement. Lukins warrants and represents that it is the owner of any and all claims that exist as of the execution of this Settlement Agreement against SSLP or Fox relating in any way to any current or future wells owned by Lukins and that Lukins has not assigned or transferred its claims to any third party.

b) The Parties agree that all documents and things (including, but not limited to, electronic files and communication records) concerning or relating to the Released Claims, the negotiations leading to this Settlement Agreement, and the information exchanged during negotiations leading to this Settlement Agreement (collectively "Confidential Information") shall be considered strictly confidential. Confidential Information shall not be disclosed by the Parties or their attorneys or agents to any person or entity not named as a Party in this Settlement

Agreement, except (i) as necessary to officers, board or committee members, or personnel for reporting, approval, compliance, and implementation of the terms of the Settlement Agreement; (ii) to the Parties' accountants, attorneys, tax advisers, current or prospective lenders, or current or prospective investors or shareholders to whom disclosure is necessary; or (iii) as required by legal process.

c) If a Party is (i) subpoenaed in another action, (ii) served with a demand or request in another action to which they are a party, or (iii) served with any legal process by one not a party to this Settlement Agreement (the "Receiving Paty"), seeking information or documents regarding this Settlement Agreement, the Receiving Party shall notify the other Party of the subpoena, demand, request, or legal process as soon as practicable after receiving it (at a minimum, such that the other Party receives notice at least ten (10) days before a response is due) so as to allow the other Party to seek protection from the relevant court(s) or tribunal(s). Such notice shall be provided pursuant to **Section 15**.

d) If any party commences, joins in, or in any manner seeks relief through any action, suit, or proceeding relating to, arising out of, or connected with this Settlement Agreement, the prevailing party or parties shall recover from the non-prevailing party or parties any and all damages caused to the prevailing party or parties including, but not limited to, all reasonable attorneys' fees.

e) This Settlement Agreement supersedes all prior negotiations and agreements among or between the Parties, and none of the Parties is relying on any understanding, promise, or agreement among or between any of the Parties other than those expressly set forth in this Settlement Agreement. Moreover, each of the Parties warrants that no promise or inducement has been made or offered except as referred to or stated in this Settlement Agreement, and that this

Settlement Agreement is signed without reliance on any statement or representation by any of the Parties or any representative of any of the Parties concerning the nature or extent of damages or legal liability.

f) This Settlement Agreement may not be modified orally. It may be changed only by a writing signed by the Party(ies).

g) Lukins shall not assign or transfer any of its rights or obligations under this Agreement without the prior written consent of SSLP and Fox, which SSLP and Fox may withhold in their sole absolute discretion. Any attempted assignment or transfer without such consent shall be null and void and of no effect. This prohibition on assignment shall not apply to any assignment or transfer by operation of law, a sale or transfer of Lukins to another owner, or a sale of all or substantially all of Lukins's assets. In the case of any sale of Lukins or all or substantially all of Lukins's assets, Lukins shall disclose this Settlement Agreement to any prospective buyers and shall require a buyer to expressly assume all of Lukins' obligations and commitments (including Lukins' releases and waivers) under this Settlement Agreement as a condition of the sale. Notwithstanding any assignment, no assignment or transfer shall relieve Lukins of its obligations and commitments (including its releases and waivers) under this Agreement.

h) If any provision or term of this Settlement Agreement is declared or determined to be illegal or invalid, such illegality or invalidity shall not affect the remainder of this Settlement Agreement, and the illegal or invalid provision or term shall be deemed not to be a part of this Settlement Agreement.

i) No waiver of a breach of this Settlement Agreement is enforceable unless it is in a writing signed by the Party(ies) to be charged. Any waiver of breach of any term of this Settlement Agreement shall not be deemed a waiver of any prior or subsequent breach.

4. DISPUTES AND ENFORCEMENT

a) The Parties agree that they will work cooperatively to resolve any issues, concerns, and/or disputes regarding the Parties' respective obligations under this Settlement Agreement. Accordingly, the Parties agree that any such issues, concerns, or disputes shall be put in writing and that the other Party shall be given thirty (30) days to respond in writing to such issues, concerns, or disputes, before any enforcement action can be commenced. Notice must be in writing and must be sent in accordance with **Section 15**.

b) Lukins shall, within ten (10) business days of submission to the CPUC, provide a copy of Lukins' annual report, as submitted to the CPUC, detailing the status of the account containing the Settlement Payment, including supporting documentation that Lukins submitted with such report, if any.

5. REMEDIES IN EVENT OF BREACH.

a) If any Party hereto shall breach any covenant, warranty, representation, or condition of this Settlement Agreement, the other Parties shall have the right to seek to enforce this Settlement Agreement, to seek to set aside the Settlement Agreement, or, as set forth in **Section 12**, to bring an action in arbitration against the breaching party for declaratory relief and/or damages.

b) The Parties acknowledge and agree that a breach of this Settlement Agreement may cause irreparable harm for which monetary damages may be inadequate. Accordingly, in the event of any such breach or threatened breach, any Party shall be entitled to seek injunctive relief, specific performance, or other equitable remedies, in addition to any other remedies available at law.

6. NO ADMISSIONS.

The Parties agree that, to the fullest extent permitted by law, neither this Settlement Agreement nor the settlement, nor any act performed or document executed pursuant to or in furtherance of the settlement: (i) is or may be deemed to be or may be used as an admission of, or evidence of, the validity of the Claims, or (ii) is or may be deemed to be or may be used as an admission of, or evidence of, any wrongdoing, fault, omission, or liability of SSLP or Fox in any context, including in any proceeding in any court, administrative agency, or other tribunal. Nothing in this Paragraph shall preclude any Party to this Settlement Agreement from using it or any act performed or document executed pursuant to the Settlement Agreement in a proceeding to consummate, monitor, or enforce the Settlement Agreement.

7. ENTIRE AGREEMENT; AMENDMENT.

This Settlement Agreement represents the sole and entire agreement between the Parties and supersedes all prior agreements, negotiations, discussions, and understandings, whether oral or in writing, between the Parties and/or their representatives. This Settlement Agreement cannot be changed or modified except in a writing signed by each of the Parties.

8. COUNTERPART EXECUTION.

This Settlement Agreement may be executed in any number of counterparts and will be final and binding upon signature of all Parties.

9. VOLUNTARY AGREEMENT.

The signatories hereto warrant and represent that each is executing this Settlement Agreement after having received full legal advice as to their respective rights from their attorneys. The Parties hereto further represent and declare that they have read this Settlement

Agreement and know the contents thereof, and that they sign the same freely and voluntarily. Each Party respectively represents and warrants that it is fully authorized to enter into the terms and conditions of, and to execute and be bound by, this Settlement Agreement.

10. CONSTRUCTION OF SETTLEMENT AGREEMENT.

This Settlement Agreement is the product of negotiation and preparation by and among each Party and their respective attorneys. Therefore, the Parties acknowledge and agree that this Settlement Agreement shall not be deemed prepared or drafted by one Party or another and should be construed accordingly. This Settlement Agreement shall be construed as a whole according to its plain meaning.

11. THIRD PARTY BENEFICIARIES

The Parties hereby designate the Regional Board as third-party beneficiary of Sections 1(b), 1(c), and 1(d) of this Settlement Agreement having the right to enforce Sections 1(b), 1(c), and 1(d). Except as set forth in this Section, the Parties do not confer any rights or remedies upon any person other than the Parties to this Settlement Agreement and their respective successors and permitted assigns.

12. SEVERABILITY.

In the event any one or more of the provisions contained in this Settlement Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalid, illegal, or unenforceable provision or part thereof shall be stricken from this Settlement Agreement, provided that the striking of such provision does not materially alter or impact any other provision of this Settlement Agreement. The Parties may elect in writing to replace the provision of the Settlement Agreement that is determined to be invalid, illegal, or unenforceable

with a legal, enforceable, and valid provision that is as similar in tenor to the original provision as is legally possible.

13. GOVERNING LAW AND ARBITRATION.

This Settlement Agreement shall be interpreted in accordance with and governed in all respects by the laws of the State of California without regard to the choice of law provisions thereof. The Parties agree that any dispute relating to any aspect of this Settlement Agreement, including but not limited to this Settlement Agreement's formation, meaning, performance, or breach, including any claim for breach of **Section 3**, shall be submitted exclusively to final and binding arbitration in San Francisco, California before a mutually agreed upon arbitrator from JAMS in accordance with the Federal Arbitration Act, 9 U.S.C. § 1, *et seq*. Any arbitration hereunder shall be confidential. The arbitration will be administered by JAMS in accordance with its most current Comprehensive Dispute Resolution Rules and Procedures. The arbitrator shall resolve the dispute by means of written findings of fact and conclusions of law within thirty (30) days after the hearing is closed. In addition, and notwithstanding the Comprehensive Dispute Resolution Rules and Procedures or choice-of-law principles of any jurisdiction, the arbitrator shall be bound by and shall resolve any dispute in accordance with the substantive law of the State of California and all California rules relating to the admissibility of evidence, including, without limitation, all relevant privileges and the attorney work product doctrine. The arbitrators' award shall be final, non-appealable and binding upon the parties, subject only to the provisions of 9 U.S.C. § 10, and may be entered as a judgment in any court of competent jurisdiction.

14. WAIVER.

No breach of any provision hereof can be waived unless in writing. Waiver of any one breach of any provision thereof shall not be deemed to be a waiver of any other breach of the same or other provisions hereof.

15. CAPTIONS.

Section titles or captions contained herein are inserted as a matter of convenience and for reference, and in no way define, limit, extend or describe the scope of this Settlement Agreement or any provision thereof.

16. NOTICES.

All notices, requests, demands, and communications hereunder shall be made in writing and shall be deemed to have been duly given if hand delivered or by overnight delivery, independently documented, to the addresses set forth below. Additional courtesy copies shall be sent by email to the addresses below.

If to Lukins:	**If to SSLP:**	**If to Fox:**
Todd E. Robins, Esq. Robins Borghei LLP P.O. Box 3835 San Luis Obispo, CA 93403-3835 trobins@rbwaterlaw.com	William F. Tarantino, Esq. Morrison & Foerster LLP 425 Market Street San Francisco, CA 94105-2482 wtarantino@mofo.com	Scott H. Reisch, Esq. Hogan Lovells US LLP 1601 Wewatta St., Suite 900 Denver, CO 80202 scott.reisch@hoganlovells.com

17. EFFECTIVE DATE.

The "Effective Date" of this Settlement Agreement shall be the last date on which all of the following conditions precedent are met:

a) All of the Parties execute this Settlement Agreement; and

b) SSLP and Fox enter into a binding settlement agreement with Tahoe Keys Property Owners' Association ("TKPOA") to settle all claims by Tahoe Keys against SSLP and Fox related to the Regional PCE Contamination; and

c) The Stipulated CAO negotiated between Fox, SSLP, and the Regional Board becomes final and is not subject to further appeal.

EXECUTION

IN WITNESS WHEREOF, the Parties hereto have executed this Settlement Agreement as of the dates listed below.

DATE: JANUARY __, 2026

LUKINS BROTHERS WATER COMPANY, INC.

_____
BY: Jennifer Lukins
ITS:

DATE: JANUARY __, 2026

SEVEN SPRINGS LIMITED PARTNERSHIP

_____
BY:
ITS:

DATE: JANUARY __, 2026

FOX CAPITAL MANAGEMENT CORPORATION

_____
BY:
ITS:

SUBJECT TO CONFIDENTIALITY AGREEMENT
8-12-26

APPROVED AS TO FORM AND CONTENT (AND AGREED, WHERE APPLICABLE):

DATE: JANUARY __, 2026

HOGAN LOVELLS US LLP

_____
By: Scott H. Reisch, Esq.
Attorneys for Fox Capital Management Corporation

DATE: JANUARY __, 2026

MORRISON & FOERSTER LLP

_____
By: William F. Tarantino, Esq.
Attorneys for Seven Springs Limited Partnership

IN WITNESS WHEREOF, the Parties have signed this Agreement as of the date first above written.

APPENDIX B

TAHOE KEYS WATER COMPANY SETTLEMENT AGREEMENT

(UNDER SEPARATE COVER)

APPENDIX C

SUPPLEMENTAL TABLES AND FIGURES

TABLE C-1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
BIGO_B-1	Big O Tire Center_B-1_10082001_15_ND	Remaining	15-15	10/8/2001	(d)	ND	ND	ND	(e)	NA
	Big O Tire Center_B-1_10082001_50_ND	Remaining	50-50	10/8/2001	(d)	ND	ND	ND	(e)	NA
BIGO_B-2	Big O Tire Center_B-2 10082001 20 ND	Remaining	20-20	10/8/2001	(d)	ND	ND	ND	(e)	NA
	Big O Tire Center_B-2 10082001 50 ND	Remaining	50-50	10/8/2001	(d)	ND	ND	ND	(e)	NA
BIGO_B-3	Big O Tire Center_B-3 10092001 15 ND	Remaining	15-15	10/9/2001	(d)	ND	ND	ND	(e)	NA
	Big O Tire Center_B-3 10092001 47.5 15	Remaining	47.5-47.5	10/9/2001	(d)	15	ND	ND	(e)	NA
BIGO_B-4	BIGO_B-4_20060710_3	Remaining	3-3	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-4_20060710_7	Remaining	7-7	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-5	BIGO_B-5_20060710_3	Remaining	3-3	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-5_20060710_6.5	Remaining	6.5-6.5	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-6	BIGO_B-6_20060709_3	Remaining	3-3	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-6_20060709_6.5	Remaining	6.5-6.5	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-7	BIGO_B-7_20060710_3	Remaining	3-3	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-7_20060710_7	Remaining	7-7	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-8	BIGO_B-8_20060710_3	Remaining	3-3	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-8_20060710_7.5	Remaining	7.5-7.5	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-9	BIGO_B-9_20060709_3	Remaining	3-3	7/9/2006	(d)	0.042	<0.02	<0.02	(e)	<0.02
	BIGO_B-9_20060709_6.5	Remaining	6.5-6.5	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-10	BIGO_B-10_20060709_4	Remaining	4-4	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-10_20060709_6.5	Remaining	6.5-6.5	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-11	BIGO_B-11_20060709_3	Remaining	3-3	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-11_20060709_6.5	Remaining	6.5-6.5	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-12	BIGO_B-12_20060709_4	Remaining	4-4	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-12_20060709_6	Remaining	6-6	7/9/2006	(d)	<0.04	<0.04	<0.04	(e)	<0.04
	BIGO_B-12_20060709_8	Remaining	8-8	7/9/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-13	BIGO_B-13_20060710_3	Remaining	3-3	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-13b	BIGO_B-13_20060710_6.5	Remaining	6.5-6.5	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
BIGO_B-14	BIGO_B-14_20060710_3	Remaining	3-3	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
	BIGO_B-14_20060710_6	Remaining	6-6	7/10/2006	(d)	<0.02	<0.02	<0.02	(e)	<0.02
CB-1	CB-1-33	Remaining	33	4/9/2025	(b)	0.018	<0.00092	<0.00068	<0.0046	<0.00074
	CB-1-68	Remaining	68	4/14/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	CB-1-76	Remaining	76	4/14/2025	(b)	<0.00085	<0.00065	<0.00047	<0.0032	<0.00052
CB-3	CB-3-33	Remaining	33	4/15/2025	(b)	0.010	<0.00074	<0.00054	<0.0037	<0.00059
	CB-3-39	Remaining	39	4/15/2025	(b)	0.021	<0.00074	<0.00054	<0.0037	<0.00059
	CB-3-70	Remaining	70	4/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	CB-3-83	Remaining	83	4/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	CB-3-85	Remaining	85	4/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	CB-3-98	Remaining	98	4/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	CB-3-106	Remaining	106	4/15/2025	(b)	<0.0012	<0.00089	<0.00065	<0.0045	<0.00071
CB-4	CB-4-29	Remaining	29	4/5/2025	(b)	<0.0014	<0.0011	<0.00078	<0.0053	<0.00085
	CB-4-45	Remaining	45	4/5/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	CB-4-78	Remaining	78	4/5/2025	(b)	<0.00087	<0.00066	<0.00048	<0.0033	<0.00053
CB-5	CB-5-20	Remaining	20	4/18/2025	(b)	<0.0013	<0.0010	<0.00074	<0.0051	<0.00081
	CB-5-45	Remaining	45	4/18/2025	(b)	<0.0024	<0.0018	<0.0014	<0.0092	<0.0015
CPT-H01	CPT-H01-011-N-022	Remaining	22-24	8/2/2019	(d)	<0.006	<0.006	<0.006	(e)	<0.012
	CPT-H01-010-N-026	Remaining	26-28	8/1/2019	(d)	<0.0057	<0.0057	<0.0057	(e)	<0.011
	CPT-H01-009-N-029	Remaining	29-31	8/1/2019	(d)	<0.0059	<0.0059	<0.0059	(e)	<0.012

TABLE C-1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-1	CPT-1-2	Remaining	2	11/11/2025	(f)	<0.00082	<0.0016	<0.00082	<0.00082	<0.00082
	CPT-1-5	Remaining	5	11/11/2025	(f)	<0.00096	<0.0019	<0.00096	<0.00096	<0.00096
CPT-2	CPT-2-2	Remaining	2	11/12/2025	(f)	<0.00093	<0.0019	<0.00093	<0.00093	<0.00093
	CPT-2-5	Remaining	5	11/12/2025	(f)	<0.00090	<0.0018	<0.00090	<0.00090	<0.00090
CPT-3	CPT-3-2	Remaining	2	11/12/2025	(f)	<0.00092	<0.0018	<0.00092	<0.00092	<0.00092
	CPT-3-5	Remaining	5	11/12/2025	(f)	<0.00090	<0.0018	<0.00090	<0.00090	<0.00090
CPT-4	CPT-4-2	Remaining	2	11/13/2025	(f)	<0.0012	<0.0025	<0.0012	<0.0012	<0.0012
	CPT-4-5	Remaining	5	11/13/2025	(f)	<0.00093	<0.0019	<0.00093	<0.00093	<0.00093
CPT-5	CPT-5-2	Remaining	2	11/13/2025	(f)	<0.0014	<0.0027	<0.0014	<0.0014	<0.0014
	CPT-5-5	Remaining	5	11/13/2025	(f)	<0.0010	<0.0020	<0.0010	<0.0010	<0.0010
CPT-6	CPT-6-2	Remaining	2	11/13/2025	(f)	<0.0012	<0.0025	<0.0012	<0.0012	<0.0012
	CPT-6-5	Remaining	5	11/13/2025	(f)	<0.00092	<0.0018	<0.00092	<0.00092	<0.00092
CPT-6A	CPT-6A-2	Remaining	2	4/14/2026	(f)	0.0013	<0.0018	<0.00092	<0.00092	<0.00092
	CPT-6A-5	Remaining	5	4/14/2026	(f)	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
CPT-7	CPT-7-2	Remaining	2	11/19/2025	(f)	<0.00099	<0.0020	<0.00099	<0.00099	<0.00099
	CPT-7-5	Remaining	5	11/20/2025	(f)	<0.00091	<0.0018	<0.00091	<0.00091	<0.00091
CPT-8	CPT-8-2	Remaining	2	11/13/2025	(f)	<0.00092	<0.0018	<0.00092	<0.00092	<0.00092
	CPT-8-5	Remaining	5	11/13/2025	(f)	<0.0010	<0.0020	<0.0010	<0.0010	<0.0010
CPT-9	CPT-9-2	Remaining	2	11/10/2025	(f)	<0.00085	<0.0017	<0.00085	<0.00085	<0.00085
	CPT-9-5	Remaining	5	11/10/2025	(f)	0.0019	<0.0019	<0.00094	<0.00094	<0.00094
CPT-9A	CPT-9A-2	Remaining	2	4/14/2026	(f)	0.0019	<0.0026	<0.0013	<0.0013	<0.0013
	CPT-9A-5	Remaining	5	4/14/2026	(f)	<0.00083	<0.0017	<0.00083	<0.00083	<0.00083
CPT-10	CPT-10-2	Remaining	2	11/18/2025	(f)	0.00095	<0.0018	(e)	<0.00092	<0.00092
	CPT-10-5	Remaining	5	11/18/2025	(f)	0.0014	<0.0015	<0.00076	<0.00076	<0.00076
CPT-10A	CPT-10A-2	Remaining	2	4/13/2026	(f)	0.0014	<0.0020	<0.0010	<0.0010	<0.0010
	CPT-10A-5	Remaining	5	4/13/2026	(f)	<0.0010	<0.0020	<0.0010	<0.0010	<0.0010
CPT-11	CPT-11-2	Remaining	2	11/20/2025	(f)	<0.00091	<0.0018	<0.00091	<0.00091	<0.00091
	CPT-11-5	Remaining	5	11/20/2025	(f)	<0.00077	<0.0015	<0.00077	<0.00077	<0.00077
CPT-12	CPT-12-2	Remaining	2	11/11/2025	(f)	<0.00090	<0.0018	<0.00090	<0.00090	<0.00090
	CPT-12-5	Remaining	5	11/11/2025	(f)	<0.00085	<0.0017	<0.00085	<0.00085	<0.00085
CPT-13	CPT-13-2	Remaining	2	11/10/2025	(f)	<0.00093	<0.0019	<0.00093	<0.00093	<0.00093
	CPT-13-5	Remaining	5	11/10/2025	(f)	<0.0014	<0.0028	<0.0014	<0.0014	<0.0014
CW-D1	Clement Well - D1-5	Remaining	5-5	5/1/1998	(d)	ND	ND	ND	(e)	ND
	Clement Well - D1-32	Remaining	32-32	5/1/1998	(d)	ND	ND	ND	(e)	ND
CW-D3	Clement Well - D3-5	Remaining	5-5	5/6/1998	(d)	ND	ND	ND	(e)	ND
CW-D4	Clement Well - D4-5	Remaining	5-5	5/1/1998	(d)	ND	ND	ND	(e)	ND
CW-D5	Clement Well - D5-5	Remaining	5-5	5/1/1998	(d)	ND	ND	ND	(e)	ND
	Clement Well - D5-41	Remaining	41-41	5/1/1998	(d)	ND	ND	ND	(e)	ND
DPT-1	DPT-1-2	Remaining	2	5/12/2025	(b)	0.023	<0.00074	<0.00054	<0.0037	0.00059
	DPT-1-3.75	Remaining	4	5/12/2025	(b)	0.0095	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-1-5	Remaining	5	5/12/2025	(b)	0.0055	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-1-6	Remaining	6	5/12/2025	(b)	<0.0013	<0.00097	<0.00071	<0.0048	<0.00077
	DPT-1-8	Remaining	8	5/12/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-2	DPT-2-2	Remaining	2	5/15/2025	(b)	0.0043 J	<0.00087	<0.00064	<0.0044	<0.00070
	DPT-2-5	Remaining	5	5/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-2-7	Remaining	7	5/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-2-11	Remaining	11	5/15/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-3	DPT-3-2	Remaining	2	5/15/2025	(b)	0.0030 J	<0.00089	<0.00065	<0.0045	<0.00071
	DPT-3-4	Remaining	4	5/15/2025	(b)	<0.0011	<0.00082	<0.00060	<0.0041	<0.00066
	DPT-3-5.5	Remaining	5.5	5/15/2025	(b)	<0.0012	<0.00092	<0.00067	<0.00046	<0.00073

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Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
DPT-4	DPT-4-2	Remaining	2	5/12/2025	(b)	0.0033 J	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-4-3.5	Remaining	3.5	5/13/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-4-4.5	Remaining	4.5	5/13/2025	(b)	0.0022 J	<0.00090	<0.00066	<0.0045	<0.00072
	DPT-4-5.5	Remaining	5.5	5/13/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-5	DPT-5-2	Remaining	2	5/12/2025	(b)	0.0070	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-5-3	Remaining	3	5/13/2025	(b)	0.0030 J	<0.00083	<0.00060	<0.0041	<0.00066
	DPT-5-4.5	Remaining	4.5	5/13/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-5-6.5	Remaining	6.5	5/13/2025	(b)	0.0033 J	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-5-8.5	Remaining	8.5	5/13/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-6	DPT-6-3	Remaining	3	5/14/2025	(b)	<0.0011	<0.00084	<0.00061	<0.0042	<0.00067
	DPT-6-6.5	Remaining	6.5	5/14/2025	(b)	<0.0019	<0.0015	<0.0011	<0.0074	<0.0012
	DPT-6-8.5	Remaining	8.5	5/14/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-7	DPT-7-2	Remaining	2	5/14/2025	(b)	0.0039 J	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-7-3.5	Remaining	3.5	5/14/2025	(b)	0.0030 J	<0.00090	<0.00066	<0.0045	<0.00072
	DPT-7-5.5	Remaining	5.5	5/14/2025	(b)	0.0022 J	<0.00066	<0.00048	<0.0033	<0.00053
	DPT-7-7	Remaining	7	5/14/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-8	DPT-8-0.5	Remaining	0.5	5/19/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-8-3	Remaining	3	5/19/2025	(b)	0.0012 J	<0.00065	<0.00047	<0.0032	<0.00052
	DPT-8-5	Remaining	5	5/19/2025	(b)	0.0016 J	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-8-10.5	Remaining	10.5	5/19/2025	(b)	<0.00085	<0.00065	<0.00047	<0.0032	<0.00051
DPT-9	DPT-9-1.5	Remaining	1.5	5/15/2025	(b)	0.0052 J	<0.00087	<0.00064	<0.0044	0.00069
	DPT-9-3.5	Remaining	3.5	5/15/2025	(b)	0.0030 J	<0.00074	<0.00054	<0.0037	0.00059
	DPT-9-5.5	Remaining	5.5	5/15/2025	(b)	0.0034 J	<0.00090	<0.00065	<0.0045	<0.00071
	DPT-9-7	Remaining	7	5/15/2025	(b)	<0.00083	<0.00064	<0.00046	<0.0032	<0.00051
DPT-10	DPT-10-0.75	Remaining	0.75	5/14/2025	(b)	0.0027 J	<0.00087	<0.00064	<0.0044	<0.00070
	DPT-10-2	Remaining	2	5/14/2025	(b)	0.022	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-10-5.5	Remaining	5.5	5/14/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-10-7	Remaining	7	5/14/2025	(b)	<0.0012	<0.00091	<0.00067	<0.0046	<0.00073
DPT-11	DPT-11-0.5	Remaining	0.5	5/19/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-11-3	Remaining	3	5/19/2025	(b)	0.0017 J	0.0020 J	0.0017 J	<0.0030	<0.00048
	DPT-11-5.5	Remaining	5.5	5/19/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
DPT-12	DPT-12-2	Remaining	2	5/16/2025	(b)	<0.00082	<0.00063	<0.00046	<0.0031	<0.00050
	DPT-12-5.5	Remaining	5.5	5/16/2025	(b)	<0.00097	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-12-7	Remaining	7	5/16/2025	(b)	<0.0012	<0.00095	<0.00070	<0.0048	<0.00076
DPT-13	DPT-13-3	Remaining	3	5/15/2025	(b)	0.0049 J	<0.00087	<0.000063	<0.0043	<0.00069
	DPT-13-5	Remaining	5	5/15/2025	(b)	<0.0013	<0.00099	<0.00072	<0.0050	<0.00079
	DPT-13-9	Remaining	9	5/15/2025	(b)	<0.0011	<0.00084	<0.00061	<0.0042	<0.00067
DPT-14	DPT-14-3	Remaining	3	5/20/2025	(b)	0.0043 J	<0.00074	<0.00054	<0.0037	<0.00059
	DPT-14-5	Remaining	5	5/20/2025	(b)	<0.0011	<0.00083	<0.00060	<0.0041	<0.00066
	DPT-14-10	Remaining	10	5/20/2025	(b)	<0.00088	0.0032 J	<0.00049	<0.0033	<0.00053
Eds_FD	Eds_FD_19980831	Unknown	NA-NA	8/31/1998	(d)	1,200	NA	NA	(e)	NA
Eds_FD-1	Eds_FD-1_Confirm	Remaining	3.5-3.5	9/28/1998	(d)	<0.02	<0.02	<0.02	(e)	<0.02
Eds_FD-2	Eds_FD-2_Confirm	Remaining	3.5-3.5	9/28/1998	(d)	<0.02	<0.02	<0.02	(e)	<0.02
Eds_FD-3	Eds_FD-3_Confirm	Remaining	3.5-3.5	9/28/1998	(d)	0.11	<0.02	<0.02	(e)	<0.02
Eds_FD-4	Eds_FD-4 Confirm	Remaining	3.5-3.5	9/28/1998	(d)	0.03	<0.02	<0.02	(e)	<0.02
Eds_UST_1	Former_UST_19990204	Unknown	5.5-6	2/4/1999	(d)	<0.125	<0.125	<0.125	(e)	<0.125
Frost Hurzel East	Frost Hurzel East	Remaining	5.0	2/12/2008 (appx.)	(c)	<0.020	(e)	(e)	(e)	(e)
Frost Hurzel West	Frost Hurzel West	Remaining	5.0	2/12/2008 (appx.)	(c)	<0.020	(e)	(e)	(e)	(e)
HZL_B-1	B-1-1_20031016	Remaining	0.5-1	10/16/2003	(d)	<0.01	<0.01	<0.01	(e)	NA
	B-1-2.5_20031016	Remaining	2-2.5	10/16/2003	(d)	<0.01	<0.01	<0.01	(e)	NA

TABLE C-1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
HZL_B-2	B-2-1_20031016	Remaining	0.5-1	10/16/2003	(d)	0.098	<0.01	<0.01	(e)	NA
	B-2-3.5_20031016	Remaining	3-3.5	10/16/2003	(d)	0.016	<0.01	<0.01	(e)	NA
HZL_B-3	B-3-1_20031016	Excavated	0.5-1	10/16/2003	(d)	<0.01	<0.01	<0.01	(e)	NA
	B-3-4.5_20031016	Excavated	4-4.5	10/16/2003	(d)	0.12	<0.01	<0.01	(e)	NA
HZL_BH-4	BH-4-2_20070918	Remaining	2-2	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-4-7_20070918	Remaining	7-7.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-4-12_20070918	Remaining	12-12.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-5	BH-5-2_20070918	Remaining	2-2	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-5-7_20070918	Remaining	7-7.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-5-12_20070918	Remaining	12-12.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-6	BH-6-2_20070918	Remaining	2-2	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-6-7_20070918	Remaining	7-7.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-6-12_20070918	Remaining	12-12.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-7	BH-7-2_20070918	Excavated	2-2	9/18/2007	(d)	0.024	NA	NA	(e)	NA
	BH-7-7_20070918	Remaining	7-7.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-7-11.5_20070918	Remaining	11.5-12	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-8	BH-8-2_20070918	Excavated	2-2	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-8-7_20070918	Remaining	7-7.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-8-11.5_20070918	Remaining	11.5-12	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-9	BH-9-2_20070918	Remaining	2-2	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-9-7_20070918	Remaining	7-7.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-9-14_20070918	Remaining	14-14.5	9/18/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-10	BH-10-2_20070917	Remaining	2-2	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-10-7_20070917	Remaining	7-7	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-10-12_20070917	Remaining	12-12	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-11	BH-11-2_20070917	Remaining	2-2	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-11-7_20070917	Remaining	7-7	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-11-12_20070917	Remaining	12-12	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-12	BH-12-2_20070917	Excavated	2-2	9/17/2007	(d)	0.19	NA	NA	(e)	NA
	BH-12-7_20070917	Remaining	7-7.5	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-12-12_20070917	Remaining	12-12.5	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-13	BH-13-2_20070917	Excavated	2-2	9/17/2007	(d)	0.026	NA	NA	(e)	NA
	BH-13-7_20070917	Remaining	7-7.5	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-13-14_20070917	Remaining	14-14.5	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-14	BH-14-2_20070917	Excavated	2-2	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-14-7_20070917	Remaining	7-7.5	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-14-14_20070917	Remaining	14-14.5	9/17/2007	(d)	<0.02	NA	NA	(e)	NA
HZL_BH-16	BH-16-2_20070920	Excavated	2-2	9/20/2007	(d)	0.045	NA	NA	(e)	NA
	BH-16-7_20070920	Remaining	7-7.5	9/20/2007	(d)	<0.02	NA	NA	(e)	NA
	BH-16-14_20070920	Remaining	14-14.5	9/20/2007	(d)	<0.02	NA	NA	(e)	NA
LTLW-MW-1D	LTLW_MW-1-38_FB	Remaining	38-38	7/14/2008	(d)	0.33	<0.03	<0.05	(e)	<0.05
	LTLW_MW-1-38_PV	Remaining	38-38	7/14/2008	(d)	0.270	<0.10	<0.5	(e)	<0.05
	LTLW_MW-1-52.5_PV	Remaining	52.5-52.5	7/14/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-1-7_FB	Remaining	7-7	7/11/2008	(d)	410	17 J	<50	(e)	<50
	LTLW_MW-1-26_FB	Remaining	26-26	7/11/2008	(d)	0.26	<0.03	<0.05	(e)	<0.05
	LTLW_MW-1-26_PV	Remaining	26-26	7/11/2008	(d)	0.132	<0.10	<0.5	(e)	<0.05
	LTLW_MW-1-7_PV	Remaining	7-7	7/11/2008	(d)	532	13.9	<0.5	(e)	<0.05
LTLW-MW-2D	LTLW_MW-2-31_FB	Remaining	31-31	7/24/2008	(d)	0.35	<0.03	<0.05	(e)	<0.05
	LTLW_MW-2-31_PV	Remaining	31-31	7/24/2008	(d)	0.112	<0.10	<0.5	(e)	<0.05
	LTLW_MW-2-43_PV	Remaining	43-43	7/24/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-2-10_FB	Remaining	10-10	7/17/2008	(d)	0.34	0.035	<0.05	(e)	<0.05
	LTLW_MW-2-10_PV	Remaining	10-10	7/17/2008	(d)	0.266	<0.10	<0.5	(e)	<0.05
	LTLW_MW-2-16_FB	Remaining	16-16	7/17/2008	(d)	0.12	<0.03	<0.05	(e)	<0.05
	LTLW_MW-2-16_PV	Remaining	16-16	7/17/2008	(d)	0.086	<0.10	<0.5	(e)	<0.05
LTLW-MW-3D	LTLW_MW-3-11	Remaining	11-11	7/29/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-3-20	Remaining	20-20	7/29/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-3-25	Remaining	25-25	7/29/2008	(d)	<0.05	<0.10	0.71	(e)	0.053
	LTLW_MW-3-34	Remaining	34-34	7/29/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
LTLW-MW-4D	LTLW_MW-4-5.5	Remaining	5.5-5.5	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-4-15	Remaining	15-15	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-4-36.5	Remaining	36.5-36.5	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-4-45.5	Remaining	45.5-45.5	7/31/2008	(d)	0.713	<0.10	<0.5	(e)	<0.05
LTLW-MW-5D	LTLW_MW-5-10	Remaining	10-10	7/31/2008	(d)	<0.05	<0.10	0.51	(e)	<0.05
	LTLW_MW-5-30	Remaining	30-30	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	0.059
	LTLW_MW-5-41	Remaining	41-41	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-5-50	Remaining	50-50	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05

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Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LTLW-MW-6D	LTLW_MW-6-45	Remaining	45-45	8/7/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-6-20	Remaining	20-20	8/6/2008	(d)	0.272	<0.10	<0.5	(e)	<0.05
	LTLW_MW-6-30	Remaining	30-30	8/6/2008	(d)	0.106	<0.10	<0.5	(e)	<0.05
	LTLW_MW-6-10	Remaining	10-10	8/4/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
LTLW-MW-7D	LTLW_MW-7-40.5	Remaining	40.5-40.5	8/5/2008	(d)	0.820	<0.10	<0.5	(e)	0.066
	LTLW_MW-7-11	Remaining	11-11	7/31/2008	(d)	0.069	<0.10	<0.5	(e)	0.061
	LTLW_MW-7-20	Remaining	20-20	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-7-25	Remaining	25-25	7/31/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
LTLW-MW-8D	LTLW_MW-8-15	Remaining	15-15	7/28/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-8-25.5	Remaining	25.5-25.5	7/28/2008	(d)	<0.05	<0.10	<0.5	(e)	<0.05
	LTLW_MW-8-32	Remaining	32-32	7/28/2008	(d)	0.057	<0.10	<0.5	(e)	<0.05
	LTLW_MW-8-40	Remaining	40-40	7/28/2008	(d)	0.375	<0.10	<0.5	(e)	<0.05
LTLW-SB-1	LTLW_SB-1_09152004_1_95	Remaining	1-1	9/15/2004	(d)	0.095	0.072	0.024	(e)	<0.0050
	LTLW_SB-1_09152004_4_ND	Remaining	4-4	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-1_09152004_8_ND	Remaining	8-8	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
LTLW-SB-2	LTLW_SB-2 09152004 1.5 ND	Remaining	1.5-1.5	9/15/2004	(d)	<0.0050	<0.0050	0.013	(e)	<0.0050
	LTLW_SB-2_09152004_4_ND	Remaining	4-4	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-2_09152004_8_ND	Remaining	8-8	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
LTLW-SB-3	LTLW_SB-3 09152004 2.5 ND	Remaining	2.5-2.5	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-3_09152004_5_ND	Remaining	5-5	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-3_09152004_8_ND	Remaining	8-8	9/15/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
LTLW-SB-4	LTLW_SB-4_09142004_6_ND	Remaining	6-6	9/14/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-4_09142004_8_ND	Remaining	8-8	9/14/2004	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
LTLW-SB-5	LTLW_SB-5_09142004_5_810	Remaining	5-5	9/14/2004	(d)	0.81	0.084	0.048	(e)	<0.0050
	LTLW_SB-5_09142004_8_44	Remaining	8-8	9/14/2004	(d)	0.044	0.011	0.014	(e)	<0.0050
LTLW-SB-5b	LTLW_SB-5b 04262005 1.5 ND	Remaining	1.5-1.5	4/26/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	NA
LTLW-SB-6	LTLW_SB-6_09142004_1_100	Remaining	1-1	9/14/2004	(d)	0.10	0.026	0.046	(e)	<0.0050
	LTLW_SB-6_09142004_8_110	Remaining	8-8	9/14/2004	(d)	0.11	0.027	0.076	(e)	<0.0050
LTLW-SB-6b	LTLW_SB-6b 04262005 12 24	Remaining	12-12	4/26/2005	(d)	0.024	0.011	0.040	(e)	NA
	LTLW_SB-6b 04262005 4 1800	Remaining	4-4	4/26/2005	(d)	1.8	0.39	0.32	(e)	NA
LTLW-SB-7	LTLW_SB-7_04252005_4_460	Remaining	4-4	4/25/2005	(d)	0.46	0.032	0.0074	(e)	NA
	LTLW_SB-7_04252005_8_550	Remaining	8-8	4/25/2005	(d)	0.55	<0.10	<0.10	(e)	NA
	LTLW_SB-7 04252005 12 220	Remaining	12-12	4/25/2005	(d)	0.22	0.13	0.11	(e)	NA
	LTLW_SB-7_04252005_2_ND	Remaining	2-2	4/25/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
LTLW-SB-8	LTLW_SB-8 04252005 4 12000	Remaining	4-4	4/25/2005	(d)	12	<0.5	<0.5	(e)	NA
	LTLW_SB-8 04252005 8 6300	Remaining	8-8	4/25/2005	(d)	6.3	<0.5	<0.5	(e)	NA
	LTLW_SB-8_04252005_2_820	Remaining	2-2	4/25/2005	(d)	0.82	0.12	0.42	(e)	<0.0050
LTLW-SB-9	LTLW_SB-9 04262005 1.5 ND	Remaining	1.5-1.5	4/26/2005	(d)	<0.005	<0.005	<0.005	(e)	NA
	LTLW_SB-9_04262005_4_40	Remaining	4-4	4/26/2005	(d)	0.04	0.014	0.016	(e)	<0.0050
	LTLW_SB-9_04262005_8_41	Remaining	8-8	4/26/2005	(d)	0.041	0.024	0.038	(e)	0.0072
LTLW-SB-10	LTLW_SB-10 04262005 2.5 ND	Remaining	2.5-2.5	4/26/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-10_04262005_4_38	Remaining	4-4	4/26/2005	(d)	0.038	0.0082	<0.0050	(e)	NA
	LTLW_SB-10_04262005_8_8.7	Remaining	8-8	4/26/2005	(d)	0.0087	0.0069	0.0078	(e)	<0.0050
LTLW-SB-11	LTLW_SB-11 04252005 4 270	Remaining	4-4	4/25/2005	(d)	0.27	<0.125	0.41	(e)	NA
	LTLW_SB-11_04252005_8_ND	Remaining	8-8	4/25/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	NA
	LTLW_SB-11 04252005 12 39	Remaining	12-12	4/25/2005	(d)	0.039	0.011	0.035	(e)	<0.0050
	LTLW_SB-11_04252005_2_8.5	Remaining	2-2	4/25/2005	(d)	0.0085	0.0063	0.056	(e)	NA

TABLE C-1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LTLW-SB-12	LTLW_SB-12_04252005_4_1800	Remaining	4-4	4/25/2005	(d)	1.8	0.27	0.22	(e)	<0.1
	LTLW_SB-12_04252005_8_1200	Remaining	8-8	4/25/2005	(d)	1.2	0.13	0.14	(e)	<0.1
	LTLW_SB-12_04252005_1_140	Remaining	1-1	4/25/2005	(d)	0.14	0.037	0.047	(e)	NA
	LTLW_SB-12_04252005_12_250	Remaining	12-12	4/25/2005	(d)	0.25	0.12	0.12	(e)	<0.0050
LTLW-SB-13	LTLW_SB-13_04252005_4_6100	Remaining	4-4	4/25/2005	(d)	**6.1**	0.87	0.48	(e)	<0.1
	LTLW_SB-13_04252005_8_440	Remaining	8-8	4/25/2005	(d)	0.44	0.11	0.18	(e)	<0.1
	LTLW_SB-13_04252005_1_10	Remaining	1-1	4/25/2005	(d)	0.01	<0.005	<0.005	(e)	NA
	LTLW_SB-13_04252005_12_92	Remaining	12-12	4/25/2005	(d)	0.092	0.036	0.1	(e)	<0.0050
LTLW-SB-14	LTLW_SB-14_04252005_4_1200	Remaining	4-4	4/25/2005	(d)	1.2	0.14	<0.10	(e)	<0.1
	LTLW_SB-14_04252005_1.5_ND	Remaining	1.5-1.5	4/25/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	NA
	LTLW_SB-14_04252005_12_12	Remaining	12-12	4/25/2005	(d)	0.012	0.0059	0.015	(e)	NA
	LTLW_SB-14_04252005_8_24	Remaining	8-8	4/25/2005	(d)	0.024	<0.0050	<0.0050	(e)	<0.0050
LTLW-SB-15	LTLW_SB-15_04252005_4_ND	Remaining	4-4	4/25/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-15_04252005_2_170	Remaining	2-2	4/25/2005	(d)	0.17	0.0071	<0.0050	(e)	<0.0050
	LTLW_SB-15_04252005_8_ND	Remaining	8-8	4/25/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	NA
LTLW-SB-16	LTLW_SB-16_04262005_12_120	Remaining	12-12	4/26/2005	(d)	0.12	0.029	0.02	(e)	NA
	LTLW_SB-16_04262005_2.5_840	Remaining	2.5-2.5	4/26/2005	(d)	0.84	0.077	0.054	(e)	<0.0050
	LTLW_SB-16_04262005_4_760	Remaining	4-4	4/26/2005	(d)	0.76	0.081	0.073	(e)	NA
	LTLW_SB-16_04262005_8_22	Remaining	8-8	4/26/2005	(d)	0.022	0.012	<0.0050	(e)	<0.0050
LTLW-SB-17	LTLW_SB-17_04262005_12_97	Remaining	12-12	4/26/2005	(d)	0.097	0.025	0.024	(e)	NA
	LTLW_SB-17_04262005_2_ND	Remaining	2-2	4/26/2005	(d)	<0.0050	<0.0050	<0.0050	(e)	<0.0050
	LTLW_SB-17_04262005_4_ND	Remaining	4-4	4/26/2005	(d)	<0.0050	<0.0050	0.01	(e)	0.02
	LTLW_SB-17_04262005_8_130	Remaining	8-8	4/26/2005	(d)	0.13	0.028	0.02	(e)	<0.0050
LTLW-SB-18	LTLW_SB-18_04262005_1.5_35	Remaining	1.5-1.5	4/26/2005	(d)	0.035	0.0083	0.022	(e)	<0.0050
	LTLW_SB-18_04262005_12_200	Remaining	12-12	4/26/2005	(d)	0.2	0.1	0.14	(e)	NA
	LTLW_SB-18_04262005_4_120	Remaining	4-4	4/26/2005	(d)	0.12	0.019	0.014	(e)	NA
	LTLW_SB-18_04262005_8_58	Remaining	8-8	4/26/2005	(d)	0.058	0.13	0.13	(e)	<0.0050
LTLW-SB-19	LTLW_SB-19_11172005_4_240	Remaining	4-4	11/17/2005	(d)	0.24	<0.005	<0.005	(e)	<0.005
	LTLW_SB-19_11172005_8_28	Remaining	8-8	11/17/2005	(d)	0.028	<0.005	<0.005	(e)	<0.005
	LTLW_SB-19_11172005_12_13	Remaining	12-12	11/17/2005	(d)	0.013	<0.005	<0.005	(e)	<0.005
LTLW-SB-20	LTLW_SB-20_11172005_4_28	Remaining	4-4	11/17/2005	(d)	0.028	<0.005	<0.005	(e)	<0.005
	LTLW_SB-20_11172005_8_ND	Remaining	8-8	11/17/2005	(d)	<0.005	<0.005	<0.005	(e)	<0.005
	LTLW_SB-20_11172005_12_ND	Remaining	12-12	11/17/2005	(d)	<0.005	<0.005	<0.005	(e)	<0.005
LTLW-SB-21	LTLW_SB-21_11172005_4_17	Remaining	4-4	11/17/2005	(d)	0.017	<0.005	<0.005	(e)	<0.005
	LTLW_SB-21_11172005_8_ND	Remaining	8-8	11/17/2005	(d)	<0.005	<0.005	<0.005	(e)	<0.005
	LTLW_SB-21_11172005_12_44	Remaining	12-12	11/17/2005	(d)	0.044	<0.005	<0.005	(e)	<0.005

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						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LTLW-SB-22	LTLW_SB-22_11172005_4_66	Remaining	4-4	11/17/2005	(d)	0.066	0.0096	0.062	(e)	<0.005
	LTLW_SB-22_11172005_8_13	Remaining	8-8	11/17/2005	(d)	0.013	<0.005	<0.005	(e)	<0.005
	LTLW_SB-22 11172005 12 96	Remaining	12-12	11/17/2005	(d)	0.096	0.068	0.022	(e)	<0.005
LTLW-SB-23	LTLW_SB-23_11172005_4_ND	Remaining	4-4	11/17/2005	(d)	<0.005	<0.005	<0.005	(e)	<0.005
	LTLW_SB-23_11172005_8_32	Remaining	8-8	11/17/2005	(d)	0.032	<0.005	<0.005	(e)	<0.005
	LTLW_SB-23 11172005 12 73	Remaining	12-12	11/17/2005	(d)	0.073	<0.005	0.0071	(e)	<0.005
LTLW-SD1	LTLW-SD1-2.75	Remaining	2.75-2.75	12/4/2018	(d)	<0.00134	<0.00134	<0.00134	(e)	<0.00134
LTLW-SD2	LTLW-SD2-4.25	Remaining	4.25-4.25	12/4/2018	(d)	<0.00127	<0.00127	<0.00127	(e)	<0.00127
LTLW-SD3	LTLW-SD3-3.0	Remaining	3-3	12/5/2018	(d)	0.106	0.00179	0.00151	(e)	<0.00137
LTLW-SD4	LTLW-SD4-4.0	Remaining	4-4	12/5/2018	(d)	0.00335	<0.00121	<0.00121	(e)	<0.00121
LTLW-SD5	LTLW-SD5-3.0	Remaining	3-3	12/5/2018	(d)	0.00288	<0.00118	<0.00118	(e)	<0.00118
LTLW-SD6	LTLW-SD6-3.0	Remaining	3-3	12/5/2018	(d)	<0.00158	<0.00158	<0.00158	(e)	<0.00158
LTLW-SS1	LTLW-SS1-5.75	Remaining	5.75-5.75	12/4/2018	(d)	0.0018	<0.00142	<0.00142	(e)	<0.00142
LTLW-SS2	LTLW-SS2-6.0	Remaining	6-6	12/4/2018	(d)	<0.00129	<0.00129	<0.00129	(e)	<0.00129
LTLW-WL1	LTLW-WL1-3.75	Remaining	3.75-3.75	12/5/2018	(d)	<0.00136	<0.00136	<0.00136	(e)	<0.00136
LTLW-WL2	LTLW-WL2-3.75	Remaining	3.75-3.75	12/5/2018	(d)	<0.00135	<0.00135	<0.00135	(e)	<0.00135
NAPA-GP-2	Lakeside (Napa Auto)_GP-2 11052003 1.5 ND	Remaining	1.5-1.5	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-2 11052003 6 ND	Remaining	6-6	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-3	Lakeside (Napa Auto)_GP-3 11052003 1.5 ND	Remaining	1.5-1.5	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-3 11052003 6 ND	Remaining	6-6	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-4	Lakeside (Napa Auto)_GP-4 11052003 1.5 ND	Remaining	1.5-1.5	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-4 11052003 6 ND	Remaining	6-6	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-5	Lakeside (Napa Auto)_GP-5 11052003 1.5 ND	Remaining	1.5-1.5	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-5 11052003 6 ND	Remaining	6-6	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-6	Lakeside (Napa Auto)_GP-6 11052003 1.5 ND	Remaining	1.5-1.5	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-6 11052003 6 ND	Remaining	6-6	11/5/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-7	Lakeside (Napa Auto)_GP-7 11062003 1.5 ND	Remaining	1.5-1.5	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-7 11062003 6 ND	Remaining	6-6	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-8	Lakeside (Napa Auto)_GP-8 11062003 1.5 ND	Remaining	1.5-1.5	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-8 11062003 6 ND	Remaining	6-6	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-9	Lakeside (Napa Auto)_GP-9 11062003 1.5 ND	Remaining	1.5-1.5	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
	Lakeside (Napa Auto)_GP-9 11062003 6 ND	Remaining	6-6	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
NAPA-GP-10	Lakeside (Napa Auto)_GP-10 11062003 10 ND	Remaining	8-10	11/6/2003	(d)	<0.02	<0.02	<0.02	(e)	NA
P1-1a	1a 9/11_19970909	Remaining	9-11	9/9/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-3	3 9/11_19970910	Remaining	9-11	9/10/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-5	5 9/11_19970911	Remaining	9-11	9/11/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-6	6 7/8_19970911	Remaining	7-8	9/11/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-7	7 9/11_19970911	Remaining	9-11	9/11/1997	(d)	<0.005	<0.005	<0.005	(e)	NA

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						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
P1-10	10 14/16_19970915	Remaining	14-16	9/15/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-12	12 10/12_19970910	Remaining	10-12	9/10/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-14	14 10/12 _19970910	Remaining	10-12	9/10/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-16	16 15/17_19970915	Remaining	15-17	9/15/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-18	18 8/10_19970912	Remaining	8-10	9/12/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-19	19 16/18_19970915	Remaining	16-18	9/15/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-2c	2c 20/22_19970912	Remaining	20-22	9/12/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-21	21 14/16_19970915	Remaining	14-16	9/15/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-23a	23a 14/16_19970915	Remaining	14-16	9/15/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-23b	23b 14/16_19970915	Remaining	2-4	9/15/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-24d	24d 2/4_19970911	Remaining	10-12	9/11/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-24e	24e 10/12_19970911	Remaining	8-10	9/11/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-25	25 8/10_19970916	Remaining	8-10	9/16/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-26	26 8/10_19970910	Remaining	8-10	9/10/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-28	28 8/10_19970910	Remaining	8-10	9/10/1997	(d)	<0.005	<0.005	<0.005	(e)	NA
P1-204	204 11/13_19970930	Remaining	11-13	9/30/1997	(d)	ND	ND	ND	(e)	ND
P1-208	208 12/14_19970929	Remaining	12-14	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-209	209 8/10_19970929	Remaining	8-10	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-210	210 12/14_19971024	Remaining	12-14	10/24/1997	(d)	ND	ND	ND	(e)	ND
P1-211	211/ 10.5/12.5_19971024	Remaining	10.5-12.5	10/24/1997	(d)	ND	ND	ND	(e)	ND
P1-212	212 17/19_19970929	Remaining	17-19	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-213	213 9/11_19970929	Remaining	9-11	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-214	214 10/12_19970929	Remaining	10-12	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-215	215 8/10_19970929	Remaining	8-10	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-216	216 9/11_19970929	Remaining	9-11	9/29/1997	(d)	ND	ND	ND	(e)	ND
P1-218	218 10/12_19970930	Remaining	10-12	9/30/1997	(d)	ND	ND	ND	(e)	ND
SSM-HP-4	South Shore Motors_HP-4 04301999 4.5 ND	Remaining	4.5-4.5	4/30/1999	(d)	<0.02	<0.02	<0.02	(e)	<0.02
SSP-1	SSP-1A-2	Remaining	2	4/14/2026	(f)	0.0016	<0.0023	<0.0011	<0.0011	<0.0011
SSP-1	SSP-1A-5	Remaining	5	4/14/2026	(f)	<0.0014	<0.0028	<0.0014	<0.0014	<0.0014
SSP-2	SSP-2A-2	Remaining	2	4/14/2026	(f)	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
SSP-2	SSP-2A-5	Remaining	5	4/14/2026	(f)	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
SSP-3	SSP-3A-2	Remaining	2	4/13/2026	(f)	<0.00091	<0.0018	<0.00091	<0.00091	<0.00091
SSP-3	SSP-3A-5	Remaining	5	4/13/2026	(f)	<0.00092	<0.0018	<0.00092	<0.00092	<0.00092
SSP-4	SSP-4A-2	Remaining	2	4/13/2026	(f)	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
SSP-4	SSP-4A-5	Remaining	5	4/13/2026	(f)	<0.00086	<0.0017	<0.00086	<0.00086	<0.00086
SSP-5	SSP-5A-2	Remaining	2	4/13/2026	(f)	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
SSP-5	SSP-5A-5	Remaining	5	4/13/2026	(f)	<0.00098	<0.0020	<0.00098	<0.00098	<0.00098
SSP-6	SSP-6A-2	Remaining	2	4/14/2026	(f)	<0.00075	<0.0015	<0.00075	<0.00075	<0.00075
SSP-6	SSP-6A-5	Remaining	5	4/14/2026	(f)	<0.00088	<0.0018	<0.00088	<0.00088	<0.00088
SSP-7	SSP-7A-2	Remaining	2	4/13/2026	(f)	<0.0011	<0.0021	<0.0011	<0.0011	<0.0011
SSP-7	SSP-7A-5	Remaining	5	4/13/2026	(f)	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
SSP-9	SSP-9A-2	Remaining	2	4/14/2026	(f)	<0.0011	<0.0023	<0.0011	<0.0011	<0.0011
SSP-9	SSP-9A-5	Remaining	5	4/14/2026	(f)	<0.00099	<0.0020	<0.00099	<0.00099	<0.00099
StageBus-MH	StageBus-MH_19980508	Remaining	NA	5/8/1998	(d)	ND	ND	ND	(e)	ND
TA	Tahoe Asphalt__04011998_Unknown 4000	Remaining	NA	4/1/1998	(d)	**4**	NA	NA	(e)	NA
TA-HA-1	TA-HA-1-6-19960909	Remaining	5-6	9/9/1996	(d)	<0.05	<0.05	<0.05	(e)	<0.05

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Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Status (Excavated or Remaining)	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Milligrams Per Kilogram (mg/kg) (a)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TA-HA-2	TA-HA-2-6-19960909	Remaining	5-6	9/9/1996	(d)	<0.005	<0.005	<0.005	(e)	<0.005
TA-MW-1	TA-MW-1-9-19960909	Remaining	8-9	9/9/1996	(d)	<0.005	<0.005	<0.005	(e)	<0.005
	TA-MW-1-20-19960909	Remaining	19-20	9/9/1996	(d)	<0.005	<0.005	<0.005	(e)	<0.005
TA-MW-2	TA-MW-2-22-19960909	Remaining	21-22	9/9/1996	(d)	<0.005	<0.005	<0.005	(e)	<0.005
TA-MW-3	TA-MW-3-28-19960909	Remaining	27-28	9/9/1996	(d)	<0.005	<0.005	<0.005	(e)	<0.005
TA-SB-2	TA-SB-2-20-19960909	Remaining	20-20	9/9/1996	(d)	0.015	<0.005	<0.005	(e)	<0.005
TCI_GP-1s	TCI_GP-1s_01252001_45_ND	Remaining	45-45	1/25/2001	(d)	<0.005	<0.005	<0.005	(e)	<0.0.10
TCI_GP-2	TCI_GP-2_01252001_5_ND	Remaining	5-5	1/25/2001	(d)	NA	NA	NA	(e)	NA
TCI_GP-3	TCI_GP-3_01252001_5_ND	Remaining	5-5	1/25/2001	(d)	<0.005	<0.005	<0.005	(e)	<0.010
TCI_GP-4	TCI_GP-4_01252001_5_ND	Remaining	5-5	1/25/2001	(d)	NA	NA	NA	(e)	NA
TCI_HA-1	TCI_HA-1_01242001_5_ND	Remaining	5-5	1/24/2001	(d)	<0.005	<0.005	<0.005	(e)	<0.010
Uhaul-Comp	Uhaul-Ex	Remaining	NA	8/30/1994	(d)	0.12	0.055	NA	(e)	NA
WA-1	Welcomes Autobody 19980501	Remaining	3-3	5/1/1998	(d)	ND	ND	ND	(e)	ND

Abbreviations:

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
cis-1,2-DCE - cis-1,2-dichloroethene
EKI - EKI Environment & Water, Inc.
J - estimated value
mg/kg - milligrams per kilogram
NA - not applicable or available
ND - not detected
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
PES - PES Environmental, Inc.
TCE - trichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene

Notes:

(a) Soil samples were analyzed for VOCs using EPA Method 8260B.

(b) Geo-Logic, 2025. *High Resolution Site Characterization (Task 2.4) Technical Memorandum, South Lake Tahoe, California,* 25 August 2025.

(c) Geo-Logic, 2024. *Former Norma's Cleaner's Site Investigation Work Plan* , South Lake Tahoe, California, 20 May 2024.

(d) AECOM, 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019 2020 Field Season* . 10 June 2022.

(e) Analytical results were not available in the data tables of the referenced reports.

(f) Geosyntec Consultants, Inc., 2026. *Site Investigation Report,* Former Big O Tires Facility, 1961 Lake Tahoe Boulevard, South Lake Tahoe, California, 30 June 2026.

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
BPSG-1	PSG-1	36	10/14/2020	(b)	510	141	<10	<10	<10
BPSG-2	PSG-2	36	10/14/2020	(b)	<10	<10	<10	<10	<10
BPSG-3	PSG-3	36	10/14/2020	(b)	29	<10	<10	<10	<10
BPSG-4	PSG-4	36	10/14/2020	(b)	14	<10	<10	<10	<10
BPSG-5	PSG-5	36	10/14/2020	(b)	138	31	<10	<10	<10
BPSG-6	PSG-6	36	10/14/2020	(b)	<10	<10	<10	<10	<10
BPSG-7	PSG-7	36	10/14/2020	(b)	<10	<10	241	42	73
BPSG-8	PSG-8	36	10/14/2020	(b)	<10	<10	<10	<10	<10
BPSG-9	PSG-9	36	10/14/2020	(b)	183	43	24	<10	<10
BPSG-10	PSG-10	36	10/14/2020	(b)	13	<10	<10	<10	<10
BPSG-11	PSG-11	78	10/14/2020	(b)	976	473	56	14	12
BPSG-12	PSG-12	48	10/14/2020	(b)	2,250	359	21	<10	16
BPSG-13	PSG-13	48	10/14/2020	(b)	14	30	47	<10	<10
BPSG-14	PSG-14	48	10/14/2020	(b)	62	20	<10	<10	<10
BPSG-15	PSG-15	36	10/14/2020	(b)	<10	<10	<10	<10	13
BPSG-16	PSG-16	36	10/14/2020	(b)	21	16	<10	<10	<10
BPSG-17	PSG-17	36	10/14/2020	(b)	3,640	1,250	112	23	16
BPSG-18	PSG-18	48	10/14/2020	(b)	12	<10	<10	<10	<10
BPSG-19	PSG-19	48	10/14/2020	(b)	<10	<10	<10	<10	<10
BPSG-20	PSG-20	54	10/14/2020	(b)	42	21	<10	<10	<10
BPSG-21	PSG-21	60	10/14/2020	(b)	66	<10	<10	<10	<10
BPSG-22	PSG-22	36	10/14/2020	(b)	156	36	<10	<10	<10
BPSG-23	PSG-23	36	10/14/2020	(b)	422	113	12	<10	<10
BPSG-24	PSG-24	36	10/14/2020	(b)	507	210	21	<10	<10
BPSG-25	PSG-25	36	10/14/2020	(b)	221	64	<10	<10	<10
BPSG-26	PSG-26	36	10/14/2020	(b)	14	<10	<10	<10	<10
BPSG-27	PSG-27	36	10/14/2020	(b)	190	<10	<10	<10	<10
BPSG-28	PSG-28	36	10/14/2020	(b)	27	<10	<10	<10	<10
BPSG-29	PSG-29	36	10/14/2020	(b)	142	13	<10	<10	<10
BPSG-30	PSG-30	36	10/14/2020	(b)	16	<10	<10	<10	<10
BPSG-31	PSG-31	36	10/14/2020	(b)	23	<10	<10	<10	<10
BPSG-32	PSG-32	36	10/14/2020	(b)	14	<10	<10	<10	<10
BPSG-33	PSG-33	36	10/14/2020	(b)	<10	<10	<10	<10	<10
	PSG-33 (DUP)	36	10/14/2020	(b)	<10	<10	<10	<10	<10

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
BPSG-34	PSG-34	72	10/14/2020	(b)	72	<10	<10	<10	<10
BPSG-35	PSG-35	36	10/14/2020	(b)	<10	<10	14	<10	<10
BPSG-36	PSG-36	36	10/14/2020	(b)	60	28	<10	<10	<10
OPSG-1	OPSG-1	30	1/15/2019	(c)	87	<10	<10	<10	<10
OPSG-2	OPSG-2	30	1/15/2019	(c)	98	9 J	<10	<10	<10
OPSG-3	OPSG-3	30	1/15/2019	(c)	39	<10	<10	<10	<10
OPSG-4	OPSG-4	30	1/15/2019	(c)	55	<10	<10	<10	<10
	OPSG-4 Dup		1/15/2019	(c)	56	<10	<10	<10	<10
OPSG-5	OPSG-5	30	1/15/2019	(c)	87	<10	<10	<10	<10
OPSG-6	OPSG-6	30	1/15/2019	(c)	11	<10	<10	<10	<10
OPSG-7	OPSG-7	30	1/15/2019	(c)	69	<10	<10	<10	<10
OPSG-8	OPSG-8	30	1/15/2019	(c)	114	<10	<10	<10	<10
OPSG-9	OPSG-9	30	1/15/2019	(c)	8 J	<10	<10	<10	<10
OPSG-10	OPSG-10	30	1/15/2019	(c)	108	<10	<10	<10	<10
OPSG-11	OPSG-11	30	1/15/2019	(c)	14	<10	<10	<10	<10
OPSG-12	OPSG-12	30	1/15/2019	(c)	17	<10	<10	<10	<10
OPSG-13	OPSG-13	30	1/15/2019	(c)	228	11	<10	<10	<10
OPSG-14	OPSG-14	30	1/15/2019	(c)	7 J	<10	<10	<10	<10
OPSG-15	OPSG-15	30	1/15/2019	(c)	18	<10	<10	<10	<10
OPSG-16	OPSG-16	30	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-17	OPSG-17	30	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-18	OPSG-18	30	1/15/2019	(c)	22	<10	<10	<10	<10
OPSG-19	OPSG-19	30	1/15/2019	(c)	9 J	<10	<10	<10	<10
OPSG-20	OPSG-20	24	1/15/2019	(c)	252	9 J	<10	<10	<10
OPSG-21	OPSG-21	18	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-22	OPSG-22	18	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-23	OPSG-23	18	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-24	OPSG-24	18	1/15/2019	(c)	<10	<10	<10	<10	<10
	OPSG-24 Dup	18	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-25	OPSG-25	18	1/15/2019	(c)	8 J	<10	<10	<10	<10
OPSG-26	OPSG-26	18	1/15/2019	(c)	<10	<10	<10	<10	<10
OPSG-27	OPSG-27	18	1/15/2019	(c)	34	<10	<10	<10	<10
OPSG-28	OPSG-28	18	1/15/2019	(c)	12	<10	<10	<10	<10
OPSG-29	OPSG-29	18	1/15/2019	(c)	13	<10	<10	<10	<10
OPSG-30	OPSG-30	18	1/15/2019	(c)	12	<10	<10	<10	<10

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
OPSG-31	OPSG-31	18	1/15/2019	(c)	24	<10	<10	<10	<10
	OPSG-31Dup	18	1/15/2019	(c)	17	<10	<10	<10	<10
OPSG-32	OPSG-32	18	1/15/2019	(c)	25	<10	<10	<10	<10
OPSG-33	OPSG-33	18	1/15/2019	(c)	22	<10	<10	<10	<10
OPSG-34	OPSG-34	18	1/15/2019	(c)	8 J	<10	<10	<10	<10
OPSG-35	OPSG-35	18	1/15/2019	(c)	18	<10	<10	<10	<10
PSG-1	PSG-1	36	11/12/2018	(c)	20	<10	<10	<10	<10
PSG-2	PSG-2	36	11/12/2018	(c)	307	<10	<10	<10	<10
PSG-3	PSG-3	24	11/12/2018	(c)	629	175	64	14	<10
	PSG-3 Dup		11/12/2018	(c)	368	155	59	13	<10
PSG-4	PSG-4	24	11/12/2018	(c)	8,221	11	<10	<10	<10
PSG-5	PSG-5	36	11/12/2018	(c)	62	<10	<10	<10	<10
PSG-6	PSG-6	36	11/12/2018	(c)	55	12	<10	<10	<10
	PSG-6 Dup		11/12/2018	(c)	75	19	<10	<10	<10
PSG-7	PSG-7	12	11/12/2018	(c)	33	<10	<10	<10	<10
PSG-8	PSG-8	12	11/12/2018	(c)	<10	<10	<10	<10	<10
PSG-9	PSG-9	12	11/12/2018	(c)	10,095	273	996	51	7 J
PSG-10	PSG-10	18	11/12/2018	(c)	628	8 J	<10	<10	<10
PSG-11	PSG-11	24	11/12/2018	(c)	4,062	15	<10	<10	<10
PSG-12	PSG-12	12	11/12/2018	(c)	303	<10	<10	<10	<10
PSG-13	PSG-13	12	11/12/2018	(c)	37	<10	<10	<10	<10
PSG-14	PSG-14	52	11/12/2018	(c)	26	<10	<10	<10	<10
PSG-15	PSG-15	22.8	11/12/2018	(c)	<10	<10	<10	<10	<10
PSG-16	PSG-16	42	11/12/2018	(c)	36	<10	<10	<10	<10
PSG-17	PSG-17	44	11/12/2018	(c)	7 J	<10	<10	<10	<10
PSVP-27	PSVP-27	36	8/7/2024	(d)	33.81	<10	<10	<10	<10
PSVP-28	PSVP-28	36	8/7/2024	(d)	138.99	40.92	<10	<10	<10
PSVP-29	PSVP-29	36	8/7/2024	(d)	2,032.60	278.91	12.36	<10	<10
PSVP-30	PSVP-30	36	8/7/2024	(d)	59.63	<10	<10	<10	<10
PSVP-31	PSVP-31	36	8/7/2024	(d)	101.61	30.4	<10	<10	<10
PSVP-32	PSVP-32	36	8/7/2024	(d)	127.47	<10	<10	<10	<10
	DUP-1	36	8/7/2024	(d)	199.82	48.43	<10	<10	<10
PSVP-33	PSVP-33	36	8/7/2024	(d)	85.67	25.5	<10	<10	<10
PSVP-34	PSVP-34	36	8/7/2024	(d)	24.9	<10	<10	<10	<10
PSVP-35	PSVP-35	36	8/7/2024	(d)	562.09	267.12	73.13	<10	<10

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
PSVP-36	PSVP-36	36	8/7/2024	(d)	170.15	43.06	<10	<10	<10
PSVP-37	PSVP-37	36	8/7/2024	(d)	2,286.62	583.13	28.07	<10	<10
PSVP-38	PSVP-38	36	8/7/2024	(d)	599.89	72.7	<10	<10	<10
PSVP-39	PSVP-39	36	8/7/2024	(d)	845.28	84.07	<10	<10	<10
PSVP-40	PSVP-40	36	8/7/2024	(d)	5,625.21	511.59	18.13	<10	<10
PSVP-41	PSVP-41	36	8/7/2024	(d)	1,811.61	353.28	21.25	<10	<10
PSVP-42	PSVP-42	36	8/7/2024	(d)	5,285.58	546.53	17.47	<10	<10
PSVP-43	PSVP-43	36	8/7/2024	(d)	5,507.51	492.06	15.05	<10	<10
PSVP-44	PSVP-44	36	8/7/2024	(d)	440.25	39.43	<10	<10	<10
	DUP-2	36	8/7/2024	(d)	711.55	265.12	19.7	<10	<10
PSVP-45	PSVP-45	36	8/7/2024	(d)	1,507.28	178.75	<10	<10	<10
PSVP-46	PSVP-46	36	8/7/2024	(d)	121.04	13.37	<10	<10	<10
PSVP-47	PSVP-47	36	8/7/2024	(d)	1,654.75	387.27	31.31	<10	<10
PSVP-48	PSVP-48	36	8/7/2024	(d)	221.15	63.77	<10	<10	<10
PSVP-49	PSVP-49	36	8/7/2024	(d)	16.84	<10	<10	<10	<10
PSVP-50	PSVP-50	36	8/7/2024	(d)	3,775.54	1,075.74	69.11	13.15	<10
PSVP-51	PSVP-51	36	8/7/2024	(d)	4,925.22	529.4	17.04	<10	<10
PSVP-52	PSVP-52	36	8/7/2024	(d)	180.45	15.16	<10	<10	<10
PSVP-53	PSVP-53	36	8/7/2024	(d)	1,430	664.36	79.11	17.33	<10
PSVP-54	PSVP-54	36	8/7/2024	(d)	2,752.41	701.42	38.14	<10	<10
	DUP-3	36	8/7/2024	(d)	1,229.75	215.87	10.93	<10	<10
PSVP-55	PSVP-55	36	8/7/2024	(d)	229.78	63.26	<10	<10	<10
PSVP-56	PSVP-56	36	10/15/2024	(d)	915.24	76.09	<10	<10	<10
PSVP-57	PSVP-57	36	10/15/2024	(d)	57.2	<10	<10	<10	<10
PSVP-58	PSVP-58	36	10/15/2024	(d)	13.32	<10	<10	<10	<10
	PSVP-58 DUP	36	10/15/2024	(d)	17	<10	<10	<10	<10
PSVP-59	PSVP-59	36	10/15/2024	(d)	19.3	<10	<10	<10	<10
PSVP-60	PSVP-60	36	10/15/2024	(d)	31.8	<10	<10	<10	<10
PSVP-61	PSVP-61	36	10/15/2024	(d)	42.66	<10	<10	<10	<10
PSVP-62	PSVP-62	36	10/15/2024	(d)	54.2	<10	<10	<10	<10
PSVP-63	PSVP-63	36	10/15/2024	(d)	130.72	18.49	<10	<10	<10
PSVP-64	PSVP-64	36	10/15/2024	(d)	67.21	11.66	<10	<10	<10
PSVP-65	PSVP-65	36	10/15/2024	(d)	837.88	631.32	13.95	<10	<10
PSVP-66	PSVP-66	36	10/15/2024	(d)	2,229.39	262.15	<10	<10	<10
PSVP-67	PSVP-67	36	10/15/2024	(d)	681.99	120.61	79.46	10.82	<10
PSVP-68	PSVP-68	36	10/15/2024	(d)	1,244.68	373.28	44.7	<10	<10

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
PSVP-69	PSVP-69	36	10/15/2024	(d)	2,408.81	341.82	19.72	<10	<10
PSVP-70	PSVP-70	36	10/15/2024	(d)	85.84	10.19	<10	<10	<10
PSVP-71	PSVP-71	36	10/15/2024	(d)	43.66	<10	<10	<10	<10
SV-1-01	SV-1-01	60	8/4/2022	(e)	<10	<10	<10	<10	<10
SV-1-02	SV-1-02	48	8/4/2022	(e)	141	37	<10	<10	<10
SV-1-03	SV-1-03	48	8/25/2022	(e)	81	10	<10	<10	<10
SV-1-04	SV-1-04	60	8/4/2022	(e)	434	18	<10	<10	<10
SV-1-05	SV-1-05	48	8/4/2022	(e)	130	19	<10	<10	<10
	SV-1-05 (DUP)	48	8/4/2022	(e)	93	24	<10	<10	<10
SV-1-06	SV-1-06	60	8/4/2022	(e)	101	29	<10	<10	<10
	SV-1-06 (DUP)	60	8/4/2022	(e)	178	27	<10	<10	<10
SV-1-07	SV-1-07	60	8/4/2022	(e)	546	279	22	<10	<10
SV-1-08	SV-1-08	60	8/4/2022	(e)	43	32	<10	<10	<10
SV-1-09	SV-1-09	60	8/4/2022	(e)	501	126	<10	<10	<10
SV-1-10	SV-1-10	48	8/4/2022	(e)	297	16	<10	<10	<10
SV-1-11	SV-1-11	60	8/4/2022	(e)	11	<10	<10	<10	<10
SV-1-12	SV-1-12	36	8/4/2022	(e)	27	10	<10	<10	<10
SV-1-13	SV-1-13	60	8/4/2022	(e)	40	<10	<10	<10	<10
SV-1-14	SV-1-14	48	8/4/2022	(e)	17	<10	<10	<10	<10
SV-1-15	SV-1-15	36	8/4/2022	(e)	<10	<10	<10	<10	<10
SV-1-16	SV-1-16	24	8/4/2022	(e)	<10	<10	<10	<10	<10
SV-1-17	SV-1-17	60	8/4/2022	(e)	326	11	<10	<10	<10
	SV-1-17 (DUP)	60	8/4/2022	(e)	361	<10	<10	<10	<10
SV-1-18	SV-1-18	60	8/4/2022	(e)	35	10	<10	<10	<10
SV-1-19	SV-1-19	60	8/4/2022	(e)	<10	<10	<10	<10	<10
SV-1-20	SV-1-20	60	8/4/2022	(e)	<10	<10	<10	<10	<10
SV-1-21	SV-1-21	24	8/4/2022	(e)	<10	11	<10	<10	<10
SV-1-22	SV-1-22	60	8/4/2022	(e)	3,690 D	94	<10	<10	<10
SV-1-23	SV-1-23	60	8/4/2022	(e)	623	31	<10	<10	<10
SV-1-24	SV-1-24	60	8/4/2022	(e)	199	39	<10	<10	<10
SV-1-25	SV-1-25	60	8/4/2022	(e)	1,040 D	20	<10	<10	<10
SVP-1	SVP-1	36	11/23/2020	(f)	26	<10	<10	<10	<10
	SVP-1 Dup	36	11/23/2020	(f)	84	<10	<10	<10	<10
SVP-2	SVP-2	36	11/23/2020	(f)	12	<10	<10	<10	<10
SVP-3	SVP-3	36	11/23/2020	(f)	<10	<10	<10	<10	<10
	SVP-3 Dup	36	11/23/2020	(f)	24	<10	<10	<10	<10

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SVP-4	SVP-4	36	11/23/2020	(f)	<10	<10	<10	<10	<10
SVP-5	SVP-5	36	11/23/2020	(f)	21	<10	<10	<10	<10
SVP-6	SVP-6	36	11/23/2020	(f)	399	47	<10	<10	<10
SVP-7	SVP-7	36	11/23/2020	(f)	86	19	<10	<10	<10
SVP-8	SVP-8	36	11/23/2020	(f)	42	10	<10	<10	<10
SVP-9	SVP-9	36	11/23/2020	(f)	486	34	<10	<10	<10
SVP-10	SVP-10	36	11/23/2020	(f)	303	16	<10	<10	<10
SVP-11	SVP-11	36	11/23/2020	(f)	363	141	25	<10	<10
	SVP-11 Dup	36	11/23/2020	(f)	347	74	<10	<10	<10
SVP-12	SVP-12	36	11/23/2020	(f)	256	166	22	<10	<10
SVP-13	SVP-13	36	(g)	(f)	--	--	--	--	--
SVP-14	SVP-14	36	11/23/2020	(f)	351	96	<10	<10	<10
SVP-15	SVP-15	36	11/23/2020	(f)	122	<10	<10	<10	<10
SVP-16	SVP-16	36	11/23/2020	(f)	480	66	<10	<10	<10
SVP-17	SVP-17	36	11/23/2020	(f)	13	<10	<10	<10	<10
SVP-18	SVP-18	36	11/23/2020	(f)	347	53	<10	<10	<10
SVP-19	SVP-19	36	11/23/2020	(f)	822	211	14	<10	<10
SVP-20	SVP-20	36	11/23/2020	(f)	1540	184	<10	<10	<10
SVP-21	SVP-21	36	(g)	(f)	--	--	--	--	--
SVP-22	SVP-22	36	11/23/2020	(f)	178	31	<10	<10	<10
	SVP-22 Dup	36	11/23/2020	(f)	182	44	<10	<10	<10
SVP-23	SVP-23	36	11/23/2020	(f)	<10	<10	<10	<10	<10
	SVP-23 Dup	36	11/23/2020	(f)	<10	<10	<10	<10	<10
SVP-24	SVP-24	36	11/23/2020	(f)	<10	<10	<10	<10	<10
SVP-25	SVP-25	36	11/23/2020	(f)	<10	<10	<10	<10	<10
SVP-26	SVP-26	36	11/23/2020	(f)	<10	<10	<10	<10	<10
	SVP-26 Dup	36	11/23/2020	(f)	<10	<10	<10	<10	<10
TABSG-1	TABSG-1	30	8/12/2019	(h)	20	<10	<10	<10	<10
	TABSG-1Dup	30	8/12/2019	(h)	33	<10	<10	<10	<10
TABSG-2	TABSG-2	30	8/12/2019	(h)	255	11	<10	<10	<10
TABSG-3	TABSG-3	30	8/12/2019	(h)	106	<10	<10	<10	<10
TABSG-4	TABSG-4	30	8/12/2019	(h)	<10	<10	<10	<10	<10
TABSG-5	TABSG-5	30	8/12/2019	(h)	26	<10	<10	<10	<10
TABSG-6	TABSG-6	30	8/12/2019	(h)	2,020	<10	<10	<10	<10
TABSG-7	TABSG-7	30	8/12/2019	(h)	411	101	<10	<10	<10
	TABSG-7Dup	30	8/12/2019	(h)	308	74	<10	<10	<10

TABLE C-2

SUMMARY OF ANALYTICAL RESULTS FOR PASSIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth (inches bgs)	Sample Date (a)	Data Reference	Analytical Results in Nanograms (ng)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TABSG-8	TABSG-8	30	8/12/2019	(h)	466	<10	<10	<10	<10
TABSG-9	TABSG-9	30	8/12/2019	(h)	275	<10	<10	<10	<10
TABSG-10	TABSG-10	30	8/12/2019	(h)	171	<10	<10	<10	<10

Abbreviations:

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
Hyphen symbol ("--") denotes analyte was not analyzed
cis-1,2-DCE - cis-1,2-dichloroethene
D - dilution required to report within calibration limits
DUP - duplicate
EKI - EKI Environment & Water, Inc.
J - estimated value
NA - not applicable
ng - nanograms
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
PES - PES Environmental, Inc.
TCE - trichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene

Notes:

(a) The sample date listed is from the referenced report or is the retrieval date of the passive soil gas sampler on the chain of custody form.
(c) EKI, 2019. *Investigation Summary Report, Former Lake Tahoe Laundry Works* , EKI Environment & Water, Inc., 1 April 2019.
(e) AECOM, 2023. *Soil Gas Investigation Summary Report, August 2022: South "Y" PCE Plume, South Lake Tahoe, California* , 17 January 2023.
(b) Welsh, 2025. *Passive Soil Gas Investigation Report Former Big O Tires Site 1961 Lake Tahoe Boulevard South Lake Tahoe, California* , Welsh Hagen Associates, 10 November 2025.
(d) Geo-Logic, 2024. *Results of Passive Soil Vapor Sampling (Task 2.2) Technical Memorandum,* 19 December 2024.
(f) RMC, 2021. *Results of Soil Vapor Probe Investigation - Trestle South Lake Tahoe Property at 961 Emerald Bay Road, South Lake Tahoe* , RMC Geoscience, Inc., 10 February 2021.
(g) Sample was incorrectly installed or was unable to be retrieved and analyzed.
(h) EKI, 2019. *Investigation Summary Report, Former Lake Tahoe Laundry Works* , EKI Environment & Water, Inc., 4 October 2019.

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SG-1		SG-1	5.5	4/9/2025	(a)	2,600	<8.2	<6.0	<6.0	<3.9
				10/2/2024	(a)	9,700	<24	<17	<17	<11
SG-2		SG-2	5.5	4/10/2025	(a)	54	<7.2	<5.3	<5.3	<3.4
				10/2/2024	(a)	250	<7.2	<5.3	<5.3	<3.4
SG-3		SG-3	5.5	4/9/2025	(a)	340	<7.4	<5.4	<5.4	<3.5
				10/2/2024	(a)	1,400	<8.3	<6.1	<6.1	<3.9
SG-4		SG-4	5.5	4/9/2025	(a)	1,400	<9.0	<6.6	<6.6	<4.3
				4/9/2025 (DUP)	(a)	1,400	<9.1	<6.7	<6.7	<4.3
				10/2/2024	(a)	5,800	<15	<11	<11	<7.1
				10/2/2024 (DUP)	(a)	5,800	<15	<11	<11	<7.2
SG-5		SG-5	4.5	4/10/2025	(a)	340	<6.8	<5.0	<5.0	<3.2
				2/26/2025	(a)	280	<5.9	<4.4	<4.4	<2.8
SG-6		SG-6	4.5	4/10/2025	(a)	370	<6.8	<5.0	<5.0	<3.2
				2/26/2025	(a)	350	<6.8	<5.0	<5.0	<3.2
SG-7		SG-7	5.5	4/10/2025	(a)	470	<8.0	<5.9	<5.9	<3.8
				2/27/2025	(a)	380	<6.6	<4.8	<4.8	<3.1
				2/27/2025 (DUP)	(a)	380	<6.5	<4.8	<4.8	<3.1
SG-8		SG-8	5.5	4/9/2025	(a)	300	8.1	<5.1	<5.1	<3.3
				2/27/2025	(a)	290	7.2	<4.9	<4.9	<3.2
SG-9		SG-9	5.5	4/10/2025	(a)	<8.2	<6.5	<4.8	<4.8	<3.1
				2/28/2025	(a)	<9.6	<7.6	<5.6	<5.6	<3.6
SV-9		SV-9	5.5	11/12/2025	(d)	170	<6.7	<5.0	<5.0	<3.2
VE-2		VE-2	5 to 10	9/23/25	(b)	101	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	373	11.8	12.8	(c)	<2.56
				3/25/25	(b)	24.0	<5.37	5.83	(c)	<2.56
				12/20/24	(b)	13.4	<5.37	14.7	(c)	<2.56
				9/24/24	(b)	--	--	--	--	--
				6/18/24	(b)	46	<5.37	<3.97	(c)	<2.56
				3/18/24	(b)	66	<5.37	<3.97	(c)	<2.56
				1/8/24	(b)	59	10.6	15	(c)	<26
				12/23/22	(b)	68	<1.1	<40	(c)	<26
				9/30/22	(b)	17	<1.1	<40	(c)	<26
				6/28/22	(b)	58	1.3	<40	(c)	<26
				3/9/22	(b)	18	<1.1	<40	(c)	<26
				11/12/21	(b)	136	<1.1	<40	(c)	<26
				9/24/21	(b)	414	7.4	<40	(c)	<26
				6/28/21	(b)	39	<1.1	<40	(c)	<26
				3/25/21	(b)	25	<1.1	<40	(c)	<26

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-1		VP-1	4.875 to 5.0	9/23/25	(b)	56.8	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	177	<5.37	<3.97	(c)	<2.56
				3/25/25	(b)	--	--	--	--	--
				12/19/24	(b)	54.6	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	62	<5.37	<3.97	(c)	<2.56
				6/18/24	(b)	69	<5.37	<3.97	(c)	<2.56
				3/18/24	(b)	--	--	--	--	--
				12/18/23	(b)	25	<5.37	<3.97	(c)	<2.56
				9/28/23	(b)	1.4	<1.1	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	12	<1.1	<40	(c)	<26
				6/28/22	(b)	11	<1.1	<40	(c)	<26
				3/9/22	(b)	10	<1.1	<40	(c)	<26
				11/12/21	(b)	3	<1.1	<40	(c)	<26
				9/24/21	(b)	15	<1.1	<40	(c)	<26
				6/28/21	(b)	14	<1.1	<40	(c)	<26
				3/25/21	(b)	5	<1.1	<40	(c)	<0.51
				11/20/20	(b)	12	<1.1	<0.79	(c)	<0.51
				9/24/20	(b)	43	4.1	<0.79	(c)	<0.51
				8/12/20	(b)	3	<1.1	<0.79	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	14	<1.1	<0.79	(c)	<0.51
				12/20/19	(b)	36	1.5	<0.79	(c)	<0.51
				9/13/19	(b)	810	7.0	1.2	(c)	<0.51
				6/4/19	(b)	--	--	--	--	--
				3/28/19	(b)	--	--	--	--	--
				12/6/18	(b)	7	1.8	<0.80	(c)	<0.51
				9/26/18	(b)	<68	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	3,255	<53.7	<39.6	(c)	<25.6
				6/25/18	(b)	3,255	<53.7	<39.6	(c)	<25.6
				4/4/18	(b)	--	--	--	--	--
				11/29/17	(b)	814	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	210	<0.537	<39.6	(c)	<25.6
				12/20/16	(b)	5	<0.537	<39.6	(c)	<25.6
				9/28/16	(b)	882	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	353	4.6	<39.6	(c)	<25.6
				3/25/16	(b)	278	1.9	<39.6	(c)	<25.6
				12/18/15	(b)	38	<0.537	<39.6	(c)	<25.6
				9/11/15	(b)	36	<0.537	<39.6	(c)	<25.6
				6/12/15	(b)	<0.0678	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	88	5.3	<39.6	(c)	<25.6
				12/16/14	(b)	51	<0.016	<39.6	(c)	<25.6
				9/17/14	(b)	258	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	4,136	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	258	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	200	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	1,700	30	<4.8	(c)	<3.1
				6/25/13	(b)	--	--	--	(c)	--
				2/14/13	(b)	44	<5.37	<3.96	(c)	<2.56
				12/17/12	(b)	--	--	--	(c)	--
				9/13/12	(b)	271	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	114	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				12/9/11	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	--	--	--	--	--
				12/16/10	(b)	902	ND	ND	(c)	ND
				9/8/10	(b)	488	ND	ND	(c)	ND
				4/9/10	(b)	108	ND	ND	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-2		VP-2	4.875 to 5.0	9/23/25	(b)	145,000	<537	<397	<395	<256
				9/23/2025 (DUP)	(b)	166,000	<537	<397	<396	<256
				6/3/25	(b)	171,000	<537	<397	(c)	<256
				3/25/25	(b)	--	--	--	--	--
				12/19/24	(b)	36,100	302	106	(c)	<51.1
				9/24/24	(b)	157	17.6	10.6	(c)	<2.56
				6/18/24	(b)	916	77.8	37.2	(c)	<2.56
				3/18/24	(b)	--	--	--	--	--
				12/18/23	(b)	160,000	22,200	33,200	(c)	<256
				9/28/23	(b)	46,000	360	59	(c)	<26
				6/20/23	(b)	16,000	81	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	160	2.3	<40	(c)	<26
				6/28/22	(b)	88	<1.1	<40	(c)	--
				3/9/22	(b)	88	<1.1	<40	(c)	<26
				11/12/21	(b)	490	12	<40	(c)	<26
				9/24/21	(b)	24,000	130	22	(c)	<26
				6/28/21	(b)	2,500	69	50	(c)	<26
				3/25/21	(b)	430	6.4	<40	(c)	<26
				11/20/20	(b)	3,500	22	<0.79	(c)	<0.51
				9/24/20	(b)	2,400	91	44	(c)	<0.51
				8/12/20	(b)	2,400	75	37	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	1,200	<1.1	<0.79	(c)	<0.51
				12/20/19	(b)	41,000	540	150	(c)	<26
				9/13/19	(b)	600,000	2,800	7,500	(c)	<0.51
				6/4/19	(b)	--	--	--	--	--
				3/28/19	(b)	--	--	--	--	--
				12/6/18	(b)	--	--	--	--	--
				9/26/18	(b)	14,000	210	110	(c)	<25.6
				7/31/18	(b)	671,220	6,981	832	(c)	<25.6
				6/25/18	(b)	305,100	44,571	4,752	(c)	<25.6
				4/4/18	(b)	--	--	--	--	--
				11/29/17	(b)	2,508,600	17,184	4,356	(c)	<25.6
				9/27/17	(b)	8,136,000	14,499	2,574	(c)	92
				12/20/16	(b)	556	30	<39.6	(c)	<25.6
				9/28/16	(b)	42,036	505	51	(c)	<25.6
				6/21/16	(b)	19,662	451	<39.6	(c)	<25.6
				3/25/16	(b)	--	--	--	--	--
				12/18/15	(b)	--	--	--	--	--
				9/11/15	(b)	13,560	499	79	(c)	<25.6
				6/12/15	(b)	0.644	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	1,085	19.3	59	(c)	<25.6
				12/16/14	(b)	3,527	14.5	48	(c)	<25.6
				9/17/14	(b)	5,424	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	57,630	1,289	990	(c)	<25.6
				3/6/14	(b)	--	--	--	--	--
				12/10/13	(b)	--	--	--	--	--
				9/30/13	(b)	949,200	23,628	102,960	(c)	3,800
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	--	--	--	--	--
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	48,477	107.41	<3.96	(c)	<2.56
				6/8/12	(b)	34,239	575	219	(c)	<2.56
				3/29/12	(b)	31,866	2,465	<3.96	(c)	86.6
				12/9/11	(b)	13,696	4,624	169	(c)	<2.56
				9/29/11	(b)	1,281	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	--	--	--	--	--
				12/16/10	(b)	17,018	9,344	594	(c)	ND
				9/8/10	(b)	556	ND	ND	(c)	ND
				4/9/10	(b)	2,909	155.7	1,506	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-3		VP-3	4.875 to 5.0	9/23/25	(b)	<6.78	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	47	<5.37	<3.97	(c)	<2.56
				3/25/25	(b)	--	--	--	--	--
				12/19/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	<10.2	<8.06	<5.95	(c)	--
				6/18/24	(b)	35	<5.37	<3.97	(c)	<3.85
				3/18/24	(b)	43	<6.72	<4.96	(c)	<2.56
				12/18/23	(b)	907	98.8	47.8	(c)	<3.20
				9/28/23	(b)	850	9.2	<40	(c)	<2.56
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	<1.4	<1.1	<40	(c)	--
				6/28/22	(b)	--	--	--	(c)	--
				3/9/22	(b)	--	--	--	(c)	--
				11/12/21	(b)	4	<1.1	<40	(c)	--
				9/24/21	(b)	4	<1.1	<40	(c)	<26
				6/28/21	(b)	12	<1.1	<40	(c)	<26
				3/25/21	(b)	16	<1.1	<40	(c)	<26
				11/20/20	(b)	9	<1.1	<0.79	(c)	<0.51
				9/24/20	(b)	340	27	<0.79	(c)	<0.51
				8/12/20	(b)	122	3.5	<0.79	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	--	--	--	--	--
				12/20/19	(b)	--	--	--	--	--
				9/13/19	(b)	6,100	460	130	(c)	<0.51
				6/4/19	(b)	--	--	--	--	--
				3/28/19	(b)	--	--	--	--	--
				12/6/18	(b)	--	--	--	--	--
				9/26/18	(b)	250	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	413,580	15,036	4,752	(c)	<25.6
				6/25/18	(b)	881,400	28,998	9,504	(c)	<25.6
				4/4/18	(b)	--	--	--	--	--
				11/29/17	(b)	74,580	2,148	634	(c)	<25.6
				9/27/17	(b)	26,442	145	<39.6	(c)	<25.6
				12/20/16	(b)	14	<0.537	<39.6	(c)	<25.6
				9/28/16	(b)	949	10.7	<39.6	(c)	<25.6
				6/21/16	(b)	19	<0.537	<39.6	(c)	<25.6
				3/25/16	(b)	27	<0.537	<39.6	(c)	<25.6
				12/18/15	(b)	--	--	--	--	--
				9/11/15	(b)	1,085	2.26	<39.6	(c)	<25.6
				6/12/15	(b)	<0.0678	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	14	<0.016	<39.6	(c)	<25.6
				12/16/14	(b)	28	0.17	<39.6	(c)	<25.6
				9/17/14	(b)	122	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	2,237	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	26,442	252	673	(c)	<66
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	--	--	--	--	--
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	3,539	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	6,102	18.4	<3.96	(c)	<2.56
				12/9/11	(b)	3,180	10.53	<3.96	(c)	<2.56
				9/29/11	(b)	3,573	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	--	--	--	--	--
				12/16/10	(b)	--	--	--	--	--
				9/8/10	(b)	ND	ND	ND	ND	ND
				4/9/10	(b)	--	--	--	--	--

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-4		VP-4	4.875 to 5.0	9/23/25	(b)	--	--	--	--	--
				6/3/25	(b)	--	--	--	--	--
				3/25/25	(b)	--	--	--	--	--
				12/19/24	(b)	--	--	--	--	--
				12/19/24	(b)	--	--	--	--	--
				9/24/24	(b)	--	--	--	--	--
				6/18/24	(b)	--	--	--	--	--
				3/18/24	(b)	--	--	--	--	--
				12/18/23	(b)	--	--	--	--	--
				9/28/23	(b)	--	--	--	--	--
				6/20/23	(b)	--	--	--	--	--
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	--	--	--	--	--
				6/28/22	(b)	--	--	--	--	--
				3/9/22	(b)	--	--	--	--	--
				11/12/21	(b)	--	--	--	--	--
				9/24/21	(b)	--	--	--	--	--
				6/28/21	(b)	--	--	--	--	--
				3/25/21	(b)	--	--	--	--	--
				11/20/20	(b)	--	--	--	--	--
				9/24/20	(b)	--	--	--	--	--
				8/12/20	(b)	--	--	--	--	--
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	--	--	--	--	--
				12/20/19	(b)	--	--	--	--	--
				9/13/19	(b)	--	--	--	--	--
				6/4/19	(b)	--	--	--	--	--
				3/28/19	(b)	--	--	--	--	--
				12/6/18	(b)	--	--	--	--	--
				9/26/18	(b)	--	--	--	--	--
				7/31/18	(b)	--	--	--	--	--
				6/25/18	(b)	--	--	--	--	--
				4/4/18	(b)	--	--	--	--	--
				11/29/17	(b)	1,288	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	8,814	20.9	<39.6	(c)	<25.6
				12/20/16	(b)	5	<0.537	<39.6	(c)	<25.6
				9/28/16	(b)	597	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	475	8.59	<39.6	(c)	<25.6
				3/25/16	(b)	10	<0.537	<39.6	(c)	<25.6
				12/18/15	(b)	--	--	--	--	--
				9/11/15	(b)	224	4.19	<39.6	(c)	<25.6
				6/12/15	(b)	<0.0678	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	7	<0.016	<39.6	(c)	<25.6
				12/16/14	(b)	17	0.54	<39.6	(c)	<25.6
				9/17/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	2,305	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	108	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	29,154	344	103	(c)	<44
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	9	<5.37	<3.96	(c)	<2.56
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	368	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				12/9/11	(b)	150	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	319	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	--	--	--	--	--
				12/16/10	(b)	--	--	--	--	--
				9/8/10	(b)	ND	ND	ND	ND	ND
				4/9/10	(b)	ND	ND	ND	ND	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-5		VP-5	4.875 to 5.0	9/23/25	(b)	110	24.3	14.6	5.07	<2.56
				6/3/25	(b)	199	16.3	19.6	(c)	<2.56
				6/3/2025 (DUP)	(b)	199	15.7	19.4	(c)	<2.56
				3/25/25	(b)	59.7	14.8	25.5	(c)	<2.56
				12/18/24	(b)	13.2	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	<10.2	<8.06	<5.95	(c)	<3.85
				6/18/24	(b)	<6.78	<5.37	4.08	(c)	<2.56
				3/18/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				12/18/23	(b)	30	<5.37	15.8	(c)	<2.56
				9/28/23	(b)	22	<1.1	<40	(c)	<26
				6/20/23	(b)	34	4.1	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	7	<1.1	<40	(c)	<26
				6/28/22	(b)	--	--	--	--	--
				3/9/22	(b)	--	--	--	--	--
				11/12/21	(b)	14	<1.1	<40	(c)	<26
				9/24/21	(b)	72	13	44	(c)	<26
				6/28/21	(b)	40	9	<40	(c)	<26
				3/25/21	(b)	5	<1.1	<40	(c)	<26
				11/20/20	(b)	29	<1.1	<0.79	(c)	<0.51
				9/24/20	(b)	37	5.9	<0.79	(c)	<0.51
				8/12/20	(b)	24	2.8	2.8	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	46	<1.1	<0.79	(c)	<0.51
				12/20/19	(b)	53	4.8	15	(c)	<0.51
				9/13/19	(b)	2,300	170	440	(c)	<0.51
				6/4/19	(b)	180	1.6	59	(c)	<0.51
				3/28/19	(b)	7	2.9	2.9	(c)	ND
				12/6/18	(b)	--	--	--	--	--
				9/26/18	(b)	<68	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	7,458	220	1,069	(c)	<25.6
				6/25/18	(b)	128,820	1,074	1,346	(c)	<25.6
				4/4/18	(b)	2,170	45	170	(c)	<25.6
				11/29/17	(b)	3,729	<53.7	364	(c)	<25.6
				9/27/17	(b)	6,780	156	594	(c)	<25.6
				12/20/16	(b)	--	--	--	--	--
				9/28/16	(b)	2,780	290	1,703	(c)	<25.6
				6/21/16	(b)	1,559	156	911	(c)	<25.6
				3/25/16	(b)	881	27.4	333	(c)	<25.6
				12/18/15	(b)	102	3.9	<39.6	(c)	<25.6
				9/11/15	(b)	1,017	102	475	(c)	<25.6
				6/12/15	(b)	2	172	990	(c)	<25.6
				3/31/15	(b)	258	35	198	(c)	<25.6
				12/16/14	(b)	--	--	--	--	--
				9/17/14	(b)	--	--	--	--	--
				6/26/14	(b)	3,661	279	1.07	(c)	<25.6
				3/6/14	(b)	420	<53.7	154	(c)	<25.6
				12/10/13	(b)	--	--	--	--	--
				9/30/13	(b)	25,000	2,578	9,900	(c)	<34
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	--	--	--	--	--
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	2,644	215	1,663	(c)	<2.56
				6/8/12	(b)	2,665	<5.37	911	(c)	<2.56
				3/29/12	(b)	631	<5.37	<3.96	(c)	<2.56
				12/9/11	(b)	281	84	34	(c)	<2.56
				9/29/11	(b)	14,441	81	<3.96	(c)	<2.56
				5/11/11	(b)	--	--	--	--	--
				12/16/10	(b)	427	ND	246	(c)	ND
				9/8/10	(b)	ND	ND	ND	(c)	ND
				4/9/10	(b)	81	ND	59.44	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-6		VP-6	4.875 to 5.0	9/23/25	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				6/3/25	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				3/25/25	(b)	70.7	<5.37	<3.97	(c)	<2.56
				12/19/24	(b)	--	--	--	--	--
				9/24/24	(b)	--	--	--	--	--
				6/18/24	(b)	--	--	--	--	--
				3/18/24	(b)	--	--	--	--	--
				12/18/23	(b)	1,620	6.2	<3.97	(c)	<2.56
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	110	<1.1	<40	(c)	<26
				6/28/22	(b)	--	--	--	--	--
				3/9/22	(b)	--	--	--	--	--
				11/12/21	(b)	900	5.6	<40	(c)	<26
				9/24/21	(b)	530	6.9	<40	(c)	<26
				6/28/21	(b)	880	13	<40	(c)	<26
				3/25/21	(b)	610	11	<40	(c)	<26
				11/20/20	(b)	--	--	--	--	--
				9/24/20	(b)	220	5.9	<0.79	(c)	<0.51
				8/12/20	(b)	300	8.6	1.1	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	1,800	<1.1	<0.79	(c)	<0.51
				12/20/19	(b)	--	--	--	--	--
				9/13/19	(b)	12,000	32	<0.79	(c)	<0.51
				6/4/19	(b)	410	<1.1	<0.79	(c)	<0.51
				3/28/19	(b)	75	3.0	ND	(c)	ND
				12/6/18	(b)	130	<53.7	<39.6	(c)	<25.6
				9/26/18	(b)	110	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	12,882	<53.7	<39.6	(c)	<25.6
				6/25/18	(b)	58,308	322.2	95	(c)	<25.6
				4/4/18	(b)	522	1.7	<39.6	(c)	<25.6
				11/29/17	(b)	2,305	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	5,356	5.9	<39.6	(c)	<25.6
				12/20/16	(b)	--	--	--	--	--
				9/28/16	(b)	1,966	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	3,254	11.3	<39.6	(c)	<25.6
				3/25/16	(b)	515	4.5	<39.6	(c)	<25.6
				12/18/15	(b)	1,085	2.69	<39.6	(c)	<25.6
				9/11/15	(b)	3,119	11	<39.6	(c)	<25.6
				6/12/15	(b)	4	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	81	0.317	<39.6	(c)	<25.6
				12/16/14	(b)	--	--	--	--	--
				9/17/14	(b)	--	--	--	--	--
				6/26/14	(b)	--	--	--	--	--
				3/6/14	(b)	--	--	--	--	--
				12/10/13	(b)	<67.8	<53.7	<39.6	(c)	<2.56
				9/30/13	(b)	631	34	83	(c)	<3.4
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	--	--	--	--	--
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	339	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	266	<5.37	20	(c)	<2.56
				3/29/12	(b)	12	<5.37	<3.96	(c)	<2.56
				12/9/11	(b)	10	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	ND	ND	ND	(c)	ND
				12/16/10	(b)	ND	ND	ND	(c)	ND
				9/8/10	(b)	ND	ND	ND	(c)	ND
				4/9/10	(b)	190	ND	ND	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-7		VP-7	4.875 to 5.0	9/23/25	(b)	8.75	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	547	<5.37	<3.97	(c)	<2.56
				3/26/25	(b)	40.8	<5.37	<3.97	(c)	<2.56
				12/19/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				6/18/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				3/18/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				12/18/23	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				9/28/23	(b)	730	<1.1	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	5	<1.1	<40	(c)	<26
				6/28/22	(b)	62 L1	<1.1 L1	<40 L1	(c)	<26 L1
				3/9/22	(b)	4	<1.1	<40	(c)	<26
				11/12/21	(b)	<1.4	<1.1	<40	(c)	<26
				9/24/21	(b)	38	<1.1	<40	(c)	<26
				6/28/21	(b)	27	<1.1	<40	(c)	<26
				3/25/21	(b)	3	<1.1	<40	(c)	<26
				11/20/20	(b)	56	<1.1	<0.79	(c)	<0.51
				9/24/20	(b)	52	<1.1	<0.79	(c)	<0.51
				8/12/20	(b)	15	<1.1	<0.79	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	2	<1.1	<0.79	(c)	<0.51
				12/20/19	(b)	47	<1.1	<0.79	(c)	<0.51
				9/13/19	(b)	750	1.2	<0.79	(c)	<0.51
				6/4/19	(b)	--	--	--	--	--
				3/28/19	(b)	--	--	--	--	--
				12/6/18	(b)	41	<1.1	<0.80	(c)	<0.51
				9/26/18	(b)	230	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	1,356	<53.7	<39.6	(c)	<25.6
				6/25/18	(b)	40,680	166.47	<39.6	(c)	<25.6
				4/4/18	(b)	18	<0.537	<39.6	(c)	<25.6
				11/29/17	(b)	312	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	881	<0.537	<39.6	(c)	<25.6
				12/20/16	(b)	4	<0.537	<39.6	(c)	<25.6
				9/28/16	(b)	346	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	64	<0.537	<39.6	(c)	<25.6
				3/25/16	(b)	25	<0.537	<39.6	(c)	<25.6
				12/18/15	(b)	--	--	--	--	--
				9/11/15	(b)	10	<0.537	<39.6	(c)	<25.6
				6/12/15	(b)	0	<53.7	<3.96	(c)	<25.6
				3/31/15	(b)	31	0.290	<39.6	(c)	<25.6
				12/16/14	(b)	4	<0.016	<39.6	(c)	<25.6
				9/17/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	746	<6.8	10	(c)	<2.8
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	34	<5.37	<3.96	(c)	<2.56
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	407	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	848	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				12/9/11	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	14	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	495	ND	ND	(c)	ND
				12/16/10	(b)	217	ND	ND	(c)	ND
				9/8/10	(b)	434	ND	ND	(c)	ND
				4/9/10	(b)	ND	ND	ND	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-8		VP-8	4.875 to 5.0	9/23/25	(b)	11.3	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	560	7.26	<3.97	(c)	<2.56
				3/26/25	(b)	15.9	<5.37	<3.97	(c)	<2.56
				12/19/24	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	<6.78	<5.37	<3.97	(c)	--
				6/18/24	(b)	41	<5.37	<3.97	(c)	<2.56
				3/18/24	(b)	62	<5.37	<3.97	(c)	<2.56
				12/18/23	(b)	426	<5.37	<3.97	(c)	<2.56
				9/28/23	(b)	790	6.0	<40	(c)	<2.56
				6/20/23	(b)	170	2.4	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	56	1.4	<40	(c)	<26
				6/28/22	(b)	110	1.8	<40	(c)	<26
				3/9/22	(b)	49	2.3	<40	(c)	<26
				11/12/21	(b)	94	2.3	<40	(c)	<26
				9/24/21	(b)	390	4.9	<40	(c)	<26
				6/28/21	(b)	610	8.2	<40	(c)	<26
				3/25/21	(b)	120	1.2	<40	(c)	<26
				11/20/20	(b)	750	6.5	<0.79	(c)	<0.51
				9/24/20	(b)	34	3.7	<0.79	(c)	<0.51
				8/12/20	(b)	26	2.1	<0.79	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	--	--	--	--	--
				12/20/19	(b)	57	1.7	<0.79	(c)	<0.51
				9/13/19	(b)	1,400	31	<0.79	(c)	<0.51
				6/4/19	(b)	160	<1.1	<0.79	(c)	<0.51
				3/28/19	(b)	7	2.6	ND	(c)	ND
				12/6/18	(b)	36	2.3	<0.80	(c)	<0.51
				9/26/18	(b)	210	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	814	<53.7	<39.6	(c)	<25.6
				6/25/18	(b)	17,628	81	159	(c)	<25.6
				4/4/18	(b)	25	<0.537	<39.6	(c)	<25.6
				11/27/17	(b)	312	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	1,763	4.78	<39.6	(c)	<25.6
				12/20/16	(b)	3	<0.537	<39.6	(c)	<25.6
				9/28/16	(b)	529	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	658	4.35	<39.6	(c)	<25.6
				3/25/16	(b)	63	1.29	<39.6	(c)	<25.6
				12/18/15	(b)	--	--	--	--	--
				9/11/15	(b)	298	4.03	<39.6	(c)	<25.6
				6/12/15	(b)	<0.0678	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	22	3.87	<39.6	(c)	<25.6
				12/16/14	(b)	81	3.49	<39.6	(c)	<25.6
				9/17/14	(b)	258	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	678	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	<67.8	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	3,932	32	<8.6	(c)	<5.5
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	121	<5.37	<3.96	(c)	<2.56
				11/19/12	(b)	--	--	--	--	--
				9/13/12	(b)	203	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	3,641	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	271	<5.37	<3.96	(c)	<2.56
				12/9/11	(b)	14	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	1,905	ND	ND	(c)	ND
				12/16/10	(b)	2,156	ND	ND	(c)	ND
				9/8/10	(b)	902	ND	ND	(c)	ND
				4/9/10	(b)	231	ND	ND	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter ($\mu g/m^3$)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-9		VP-9	4.875 to 5.0	9/23/25	(b)	479	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	320	<5.37	<3.97	(c)	<2.56
				3/26/25	(b)	77.3	<5.37	<3.97	(c)	<2.56
				3/26/2025 (DUP)	(b)	77.2	<5.37	<3.97	(c)	<2.56
				12/20/24	(b)	101	<5.37	<3.97	(c)	--
				12/20/2024 (DUP)	(b)	96.8	<5.37	<3.97	(c)	<2.56
				9/24/24	(b)	732	<8.06	<5.95	(c)	<3.85
				6/18/24	(b)	--	--	--	--	--
				3/18/24	(b)	13	<5.37	<3.97	(c)	<2.56
				3/18/24	(b)	18	<5.37	<3.97	(c)	<2.56
				12/18/23	(b)	278	<5.37	<3.97	(c)	<2.56
				12/18/23	(b)	385	<5.37	<3.97	(c)	--
				9/28/23	(b)	150	<1.1	<40	(c)	<2.56
				6/20/23	(b)	290	<1.1	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	240	<1.1	<40	(c)	<26
				6/28/22	(b)	190	<1.1	<40	(c)	<26
				3/9/22	(b)	<1.4	<1.1	<40	(c)	<26
				11/12/21	(b)	350	4.6	<40	(c)	<26
				9/24/21	(b)	55	<1.1	<40	(c)	<26
				6/28/21	(b)	670	2.9	<40	(c)	<26
				3/25/21	(b)	95	1.6	<40	(c)	<26
				11/20/20	(b)	480	<1.1	<0.79	(c)	<0.51
				9/24/20	(b)	680	7.5	<0.79	(c)	<0.51
				8/12/20	(b)	560	4.5	<0.79	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	20	<1.2	<0.79	(c)	<0.51
				12/20/19	(b)	120	<1.1	<0.79	(c)	<0.51
				9/13/19	(b)	22,000	13	<0.79	(c)	<0.51
				6/4/19	(b)	370	<1.1	<0.79	(c)	<0.51
				3/28/19	(b)	--	--	--	--	--
				12/6/18	(b)	500	<53.7	<39.6	(c)	<25.6
				9/26/18	(b)	163	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	10,848	<53.7	<39.6	(c)	<25.6
				6/25/18	(b)	21,018	113	<39.6	(c)	<25.6
				4/4/18	(b)	298	<0.537	<39.6	(c)	<25.6
				11/29/17	(b)	1,153	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	3,932	<0.537	<39.6	(c)	<25.6
				12/20/16	(b)	--	--	--	--	--
				9/28/16	(b)	4,543	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	4,271	3.92	<39.6	(c)	<25.6
				3/25/16	(b)	1,831	1	<39.6	(c)	<25.6
				12/18/15	(b)	746	<0.537	<39.6	(c)	<25.6
				9/11/15	(b)	3,051	2.0	<39.6	(c)	<25.6
				6/12/15	(b)	6	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	3,526	13	<39.6	(c)	<25.6
				12/16/14	(b)	88	<0.016	<39.6	(c)	<25.6
				9/17/14	(b)	16,272	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	8,814	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	3,797	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	8,814	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	25,764	<67	<49	(c)	<32
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	--	--	--	--	--
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	1,288	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	4,610	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	8,611	19	<3.96	(c)	<2.56
				12/9/11	(b)	327	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	<6.78	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	30,374	ND	ND	(c)	ND
				12/16/10	(b)	10,916	ND	ND	(c)	ND
				9/8/10	(b)	51,053	ND	ND	(c)	ND
				4/9/10	(b)	197	ND	ND	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	On-Site/ Off-Site	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Cubic Meter (µg/m^3)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
VP-10		VP-10	4.875 to 5.0	9/23/25	(b)	26.7	<5.37	<3.97	<3.96	<2.56
				6/3/25	(b)	18.0	<5.37	<3.97	(c)	<2.56
				3/25/25	(b)	<6.78	<5.37	<3.97	(c)	<2.56
				12/19/24	(b)	<6.78	<5.37	<3.97	(c)	--
				9/24/24	(b)	8	<5.37	<3.97	(c)	<2.56
				6/18/24	(b)	55	<5.37	<3.97	(c)	<2.56
				6/18/24	(b)	49	<5.37	<3.97	(c)	<2.56
				3/18/24	(b)	7	<5.37	<3.97	(c)	<2.56
				12/18/23	(b)	44	<5.37	<3.97	(c)	<2.56
				9/28/23	(b)	54	<1.1	<40	(c)	<26
				6/20/23	(b)	47	<1.1	<40	(c)	<26
				12/23/22	(b)	--	--	--	--	--
				9/30/22	(b)	7	<1.1	<40	(c)	<26
				6/28/22	(b)	17	<1.1	<40	(c)	<26
				3/9/22	(b)	4	<1.1	<40	(c)	<26
				11/12/21	(b)	6	<1.1	<40	(c)	<26
				9/24/21	(b)	24	<1.1	<40	(c)	<26
				6/28/21	(b)	29	<1.1	<40	(c)	<26
				3/25/21	(b)	7	<1.1	<40	(c)	<26
				11/20/20	(b)	26	<1.1	<0.79	(c)	<0.51
				9/24/20	(b)	58	<1.1	<0.79	(c)	<0.51
				8/12/20	(b)	36	<1.1	<0.79	(c)	<0.51
				6/29/20	(b)	--	--	--	--	--
				3/26/20	(b)	12	<1.1	<0.79	(c)	<0.51
				12/18/19	(b)	46	<1.1	<0.79	(c)	<0.51
				9/13/19	(b)	814	4.2	<0.79	(c)	<0.51
				6/4/19	(b)	37	<1.1	<0.79	(c)	<0.51
				3/28/19	(b)	3	ND	ND	(c)	ND
				12/6/18	(b)	9	1	<0.80	(c)	<0.51
				9/26/18	(b)	--	<53.7	<39.6	(c)	<25.6
				7/31/18	(b)	5,085	<53.7	<39.6	(c)	<25.6
				6/25/18	(b)	8,814	<0.537	<39.6	(c)	<25.6
				4/4/18	(b)	414	<0.537	<39.6	(c)	<25.6
				11/29/17	(b)	1,424	<53.7	<39.6	(c)	<25.6
				9/27/17	(b)	454	<0.537	<39.6	(c)	<25.6
				12/20/16	(b)	54	<0.537	<39.6	(c)	<25.6
				9/28/16	(b)	529	<0.537	<39.6	(c)	<25.6
				6/21/16	(b)	264	<0.537	<39.6	(c)	<25.6
				3/25/16	(b)	41	<0.537	<39.6	(c)	<25.6
				12/18/15	(b)	--	--	--	--	--
				9/11/15	(b)	53	<0.537	<39.6	(c)	<25.6
				6/12/15	(b)	0	<53.7	<39.6	(c)	<25.6
				3/31/15	(b)	115	3.01	<39.6	(c)	<25.6
				12/16/14	(b)	163	<0.016	<39.6	(c)	<25.6
				9/17/14	(b)	1,085	<53.7	<39.6	(c)	<25.6
				6/26/14	(b)	1,424	<53.7	<39.6	(c)	<25.6
				3/6/14	(b)	258	<53.7	<39.6	(c)	<25.6
				12/10/13	(b)	475	<53.7	<39.6	(c)	<25.6
				9/30/13	(b)	4,543	<14	<10	(c)	<6.4
				6/25/13	(b)	--	--	--	--	--
				2/14/13	(b)	92	<5.37	<3.96	(c)	<2.56
				12/17/12	(b)	--	--	--	--	--
				9/13/12	(b)	1,966	<5.37	<3.96	(c)	<2.56
				6/8/12	(b)	2,820	<5.37	<3.96	(c)	<2.56
				3/29/12	(b)	<6.78	19	<3.96	(c)	<2.56
				12/9/11	(b)	63	<5.37	<3.96	(c)	<2.56
				9/29/11	(b)	773	<5.37	<3.96	(c)	<2.56
				5/11/11	(b)	895	ND	ND	(c)	ND
				12/16/10	(b)	292	ND	ND	(c)	ND
				9/8/10	(b)	895	ND	ND	(c)	ND
				4/9/10	(b)	13,424	252.4	198.1	(c)	ND

TABLE C-3

SUMMARY OF ANALYTICAL RESULTS FOR ACTIVE SOIL GAS SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Abbreviations:

Dashes ("--") denotes not sampled
Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
bgs - below ground surface
cis-1,2-DCE - cis-1,2-dichloroethene
DUP - duplicate
EKI - EKI Environment & Water, Inc.
ND - not detected
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
TCE - trichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene
$\mu g/m^3$ - micrograms per cubic meter
WEST - WEST Environmental Services & Technology

Notes:

(a) Geo-Logic, 2025. *Results of Second Round Soil Vapor and Indoor Air Sampling (Task 2.3), Former Norma's Cleaners,* South Lake Tahoe, California, 18 June 2025.
(b) WEST, 2025. *Third Quarter 2025 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard,* South Lake Tahoe, California, 19 December 2025.
(c) Laboratory reports were unavailable.
(d) Geosyntec Consultants, Inc., 2026. *Site Investigation Report,* Former Big O Tires Facility, 1961 Lake Tahoe Boulevard, South Lake Tahoe, California, 30 June 2026.

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
5E	5EGW23	19-23	7/5/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	5EGW40	36-40	7/5/2017	(c, d, e)	63.3	2.05	<0.5	<0.5	<0.5
	5EGW49	45-49	7/5/2017	(c, d, e)	124	4.53	1.21	<1.0	<0.5
	5EGW80	76-80	7/5/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
935 Julie Ln	935 Julie Lane_ 2001_45_ND	45-45	1/1/2001	(c)	ND	NA	NA	NA	NA
942 James Ave	942 James Ave_ _01011998_60_310	60-60	1/1/1998	(c)	310	NA	NA	NA	NA
945 Julie Ln	945 Julie Lane_ 2001_45_ND	45-45	1/1/2001	(c)	ND	NA	NA	NA	NA
977 Tata Lane	977 Tata Lane_ 2001_100_6.4	80-100	1/1/2001	(c)	6.4	NA	NA	NA	NA
AHH-1	Alpine Animal Hospital_19980501_11.5	11.5-11.5	5/1/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5
	Alpine Animal Hospital_19980501_26	26-26	5/1/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5
	Alpine Animal Hospital_19980501_34	34-34	5/1/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5
AP_PL-1	AP_PL-1_12_20000713	12-12	7/13/2000	(c)	<0.5	NA	NA	NA	NA
	AP_PL-1_50_20000713	50-50	7/13/2000	(c)	0.6	NA	NA	NA	NA
AP_PL-2	AP_PL-2_12_20000713	12-12	7/13/2000	(c)	<0.5	NA	NA	NA	NA
	AP_PL-2_50_20000713	50-50	7/13/2000	(c)	<0.5	NA	NA	NA	NA
AP_PL-3	AP_PL-3_17_20000713	17-17	7/13/2000	(c)	<0.5	NA	NA	NA	NA
AP_PL-4	AP_PL-3_50_20000713	50-50	7/13/2000	(c)	1.5	NA	NA	NA	NA
AP_PL-5	AP_PL-5_17_20000713	17-17	7/13/2000	(c)	<0.5	NA	NA	NA	NA
	AP_PL-5_50_20000713	50-50	7/13/2000	(c)	<0.5	NA	NA	NA	NA
BIGO_B-1	Big O Tire Center_B-1_10082001_15_2	15-15	10/8/2001	(c)	28	1.9	1.6	NA	NA
	Big O Tire Center_B-1_10082001_50_4	50-50	10/8/2001	(c)	470	7.4	13	NA	NA
BIGO_B-10	BIGO_B-10_20060709	6.25-8	7/9/2006	(c)	<1	<1	<1	NA	<1
BIGO_B-11	BIGO_B-11_20060709	6.08-8	7/9/2006	(c)	<1	<1	<1	NA	<1
BIGO_B-12	BIGO_B-12_20060709	6.12-8	7/9/2006	(c)	<2	<2	<2	NA	<2
BIGO_B-13	BIGO_B-13_20060710	11.2-14	7/10/2006	(c)	5.8	<1	<1	NA	<1
BIGO_B-13b	BIGO_B-13b_20060710	6.13-9	7/10/2006	(c)	<2	<2	<2	NA	<1
BIGO_B-14	BIGO_B-14_20060710	5.8-10	7/10/2006	(c)	<1	<1	<1	NA	<1
BIGO_B-2	Big O Tire Center_B-2_10082001_20_7	20-20	10/8/2001	(c)	720	<5.0	<5.0	NA	NA
	Big O Tire Center_B-2_10082001_50_4	50-50	10/8/2001	(c)	4700	92	130	NA	NA
BIGO_B-3	Big O Tire Center_B-3_10092001_15_2	15-15	10/9/2001	(c)	210	3.5	<0.5	NA	NA
	Big O Tire Center_B-3_10092001_47.5_	47.5-47.5	10/9/2001	(c)	1900	24	21	NA	NA
BIGO_B-4	BIGO_B-4_20060710	5.75-8	7/10/2006	(c)	<2	<2	<2	NA	<2
BIGO_B-5	BIGO_B-5_20060710	5.55-8	7/10/2006	(c)	<2	<2	<2	NA	<2
BIGO_B-6	BIGO_B-6_20060709	6.2-8	7/9/2006	(c)	<2	<2	<2	NA	<2
BIGO_B-7	BIGO_B-7_20060710	6.22-8	7/10/2006	(c)	<1	<1	<1	NA	<1
BIGO_B-8	BIGO_B-8_20060710	6.15-8	7/10/2006	(c)	<2	<2	<2	NA	<2
BIGO_B-9	BIGO_B-9_20060709	5.7-8	7/9/2006	(c)	<1	<1	<1	NA	<1
CB-1	CB-1-10-GW	10	4/9/2025	(f)	1.8	<0.085	<0.085	<0.15	<0.12
	CB-1-26-GW	26	4/9/2025	(f)	45	0.51	<0.085	<0.15	<0.12
	CB-1-42-GW	42	4/9/2025	(f)	75	1.8	0.82	<0.15	<0.12
	CB-1-46-GW	46	4/14/2025	(f)	59	1.5	0.9	<0.15	<0.12
	CB-1-66-GW	66	4/14/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-1-74-GW	74	4/14/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-1-81-GW	81	4/14/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
CB-3	CB-3-10-GW	10	4/16/2025	(f)	1.4	<0.085	<0.085	<0.15	<0.12
	CB-3-20-GW	20	4/16/2025	(f)	40	0.44 J	<0.085	<0.15	<0.12
	CB-3-37.5-GW	37.5	4/16/2025	(f)	130	4.2	1.8	<0.15	<0.12
	CB-3-43-GW	43	4/16/2025	(f)	57	1.8	1.1	<0.15	<0.12
	CB-3-64-GW	64	4/16/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-3-78-GW	78	4/17/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-3-87-GW	87	4/17/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-3-94-GW	94	4/17/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-3-110-GW	110	4/17/2025	(f)	0.17 J	0.38 J	<0.085	<0.15	<0.12

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CB-4	CB-4-10-GW	10	4/6/2025	(f)	0.72	<0.085	<0.085	<0.15	<0.12
	CB-4-26-GW	26	4/6/2025	(f)	63	1.4	0.49 J	<0.15	<0.12
	CB-4-37-GW	37	4/6/2025	(f)	280	5.9	4.4	0.19 J	<0.12
	CB-4-51-GW	51	4/7/2025	(f)	17	0.47 J	0.25 J	<0.15	<0.12
	CB-4-75-GW	75	4/7/2025	(f)	0.15 J	<0.085	<0.085	<0.15	<0.12
	CB-4-83-GW	83	4/7/2025	(f)	0.20 J	<0.085	<0.085	<0.15	<0.12
	CB-4-110-GW	110	4/8/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
CB-5	CB-5-13-GW	13	4/18/2025	(f)	<0.13	<0.085	<0.085	<0.15	<0.12
	CB-5-28-GW	28	4/18/2025	(f)	3.1	<0.085	<0.085	<0.15	<0.12
	CB-5-39-GW	39	4/18/2025	(f)	270	11	8.4	0.27 J	<0.12
	CB-5-49-GW	49	4/18/2025	(f)	13	0.32 J	0.14 J	<0.15	<0.12
	CB-5-72-GW	72	4/18/2025	(f)	1.9	<0.085	<0.085	<0.15	<0.12
	CB-5-81-GW	81	4/21/2025	(f)	0.45 J	<0.085	<0.085	<0.15	<0.12
	CB-5-90-GW	90	4/21/2025	(f)	0.27 J	<0.085	<0.085	<0.15	<0.12
Chevron	Chevron_ 2001_40_8.7	40-40	1/1/2001	(c)	8.7	NA	NA	NA	NA
CPT-1	CPT-1-16-20	16-20	11/19/2025	(h)	45.0	5.1	21	<1.0	<0.5
	CPT-1-46-50	46-50	11/19/2025	(h)	120	3.4	4.5	<1.0	<0.5
CPT-2	CPT-2-21-25	21-25	11/22/2025	(h)	9.4	<1.0	2.0	<1.0	<0.5
	CPT-2-41-45	41-45	11/22/2025	(h)	140	3.3	3.1	<1.0	<0.5
CPT-6	CPT-6-21-25	21-25	11/21/2025	(h)	4.3	<1.0	<1.0	<1.0	<0.5
	CPT-6-46-50	46-50	11/21/2025	(h)	3.4	<1.0	<1.0	<1.0	<0.5
CPT-7	CPT-7-21-25	21-25	11/20/2025	(h)	42.0	8.4	34	<1.0	<0.5
	CPT-7-41-45	41-45	11/20/2025	(h)	43.0	1.2	<1.0	<1.0	<0.5
CPT-8	CPT-8-15-19	15-19	11/20/2025	(h)	6.3	1.1	2.1	<1.0	<0.5
CPT-9	CPT-9-16-20	16-20	11/21/2025	(h)	1.1	<1.0	<1.0	<1.0	<0.5
	CPT-9-41-45	41-45	11/21/2025	(h)	2.2	<1.0	<1.0	<1.0	<0.5
CPT-10	CPT-10-9-13	9-13	11/18/2025	(h)	190	22	<1.0	<1.0	<0.5
	CPT-10-44-48	44-48	11/18/2025	(h)	37.0	2.6	<1.0	<1.0	<0.5
CPT-11	CPT-11-15-19	15-19	11/20/2025	(h)	140	6.9	1.3	<1.0	<0.5
	CPT-11-41-45	41-45	11/20/2025	(h)	20.0	1.0	<1.0	<1.0	<0.5
CPT-12	CPT-12-19-23	19-23	11/19/2025	(h)	4.7	<1.0	<1.0	<1.0	<0.5
	CPT-12-46-50	46-50	11/19/2025	(h)	24.0	1.0	1.0	<1.0	<0.5
CPT-13	CPT-13-10-14	10-14	11/19/2025	(h)	<1.0	<1.0	<1.0	<1.0	<0.5
	CPT-13-44-48	44-48	11/19/2025	(h)	210	11	13	<1.0	<0.5
CPT-A01	CPT-A01-061-N-035	35-37	9/9/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A01-062-N-052	52-54	9/9/2019	(c)	2.5	<0.5	<0.5	<0.5	<0.5
	CPT-A01-062-FD-052	52-54	9/9/2019	(c)	2.7	<0.5	<0.5	<0.5	<0.5
	CPT-A01-063-N-062	62-64	9/9/2019	(c)	3.3	<0.5	0.1	<0.5	<0.5
	CPT-A01-064-N-077	77-79	9/9/2019	(c)	15	<0.5	<0.5	<0.5	<0.5
	CPT-A01-065-N-093	93-95	9/9/2019	(c)	12	0.2	0.1	<0.5	<0.5
	CPT-A01-066-N-100	100-102	9/9/2019	(c)	1.2	<0.5	<0.5	<0.5	<0.5
	CPT-A01-067-N-114	114-116	9/9/2019	(c)	0.8	<0.5	<0.5	<0.5	<0.5
CPT-A02	CPT-A02-074-N-045	45-47	9/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A02-071-N-055	55-57	9/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A02-072-N-064	64-66	9/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A02-072-FD-064	64-66	9/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A02-073-N-072	72-74	9/5/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-A02-078-N-081	81-83	9/5/2019	(c)	1.5	<0.5	<0.5	<0.5	<0.5
	CPT-A02-075-N-087	87-89	9/5/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	CPT-A02-076-N-095	95-97	9/5/2019	(c)	2.2	<0.5	<0.5	<0.5	<0.5
	CPT-A02-077-N-105	105-107	9/5/2019	(c)	6.3	<0.5	<0.5	<0.5	<0.5
CPT-A03	CPT-A03-156-N-062	62-64	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A03-155-N-069	69-71	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A03-154-N-079	79-81	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A03-153-N-089	89-91	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A03-152-N-099	99-101	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A03-152-FD-099	99-101	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A03-151-N-109	109-111	9/17/2019	(c)	0.5	<0.5	<0.5	<0.5	<0.5
CPT-A04	CPT-A04-168-N-128	128-130	9/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A04-161-N-48	48-50	9/23/2019	(c)	0.6	<0.5	<0.5	<0.5	<0.5
	CPT-A04-162-N-66	66-68	9/23/2019	(c)	6.8	<0.5	<0.5	<0.5	<0.5
	CPT-A04-163-N-83	85-87	9/23/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-A04-164-N-92	92-94	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A04-165-N-105	105-107	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A04-166-N-114	114-116	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A04-167-N-120	120-122	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A04-167-FD-120	120-122	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5

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Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-A05	CPT-A05-169-N-35	35-37	9/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A05-170-N-45	43-45	9/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A05-171-N-56	54-56	9/25/2019	(c)	1	0.4	<0.5	<0.5	<0.5
	CPT-A05-172-N-62	60-62	9/25/2019	(c)	2.9	<0.5	<0.5	<0.5	<0.5
	CPT-A05-173-N-73	71-73	9/25/2019	(c)	4.3	<0.5	<0.5	<0.5	<0.5
	CPT-A05-174-N-89	87-89	9/25/2019	(c)	1.4	<0.5	<0.5	<0.5	<0.5
CPT-A06	CPT-A06-051-N-80	80-82	9/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A06-052-N-104	104-106	9/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-A06-053N-118	118-120	9/30/2019	(c)	0.8	<0.5	<0.5	<0.5	<0.5
CPT-B01	CPT-B01-081-N-008	8-10	6/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B01-082-N-020	20-22	6/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B01-083-N-030	30-32	6/27/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-B01-084-N-040	40-42	6/27/2019	(c)	3.5	0.3	0.6	<0.5	<0.5
	CPT-B01-085-N-047	47-49	6/27/2019	(c)	75	2.9	10	<0.5	<0.5
	CPT-B01-086-N-067	67-69	6/28/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B01-089-N-077	77-79	6/27/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-B01-089-FD-077	77-79	6/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B01-090-N-090	90-92	6/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-B02	CPT-B02-091-N-009	5-11	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B02-092-N-020	20-22	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B02-092-FD-020	20-22	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B02-093-N-032	32-34	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B02-094-N-044	44-46	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B02-095-N-060	60-62	6/26/2019	(c)	250	4.2	4.0	<0.5	<1.7
	CPT-B02-096-N-072	72-74	6/26/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-B02-097-N-082	82-84	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-B03	CPT-B03-101-N-010	10-12	7/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B03-102-N-021	21-23	7/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B03-103-N-034	34-36	7/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B03-103-FD-034	34-36	7/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B03-104-N-044	44-46	7/16/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-B03-105-N-053	53-55	7/16/2019	(c)	93	1.1	0.8	<0.5	<1
	CPT-B03-106-N-062	62-64	7/16/2019	(c)	120	1.9	1.9	<0.5	<1
	CPT-B03-107-N-070	70-72	7/16/2019	(c)	350	5	4.9	<0.5	<2.5
	CPT-B03-108-N-088	88-90	7/16/2019	(c)	1.5	<0.5	<0.5	<0.5	<0.5
CPT-B04	CPT-B04-111-N-018	18-20	8/28/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B04-112-N-042	42-44	8/28/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B04-113-N-056	56-58	8/28/2019	(c)	0.8	<0.5	<0.5	<0.5	<0.5
	CPT-B04-114-N-062	62-64	8/28/2019	(c)	36	0.3	0.1	<0.5	<0.5
	CPT-B04-115-N-080	80-82	8/28/2019	(c)	170	3.3	6.1	0.1 J	<0.5
	CPT-B04-116-N-088	88-90	8/28/2019	(c)	200	3.7	4.2	0.3 J	<1
	CPT-B04-116-FD-088	88-90	8/28/2019	(c)	200	3.7	4.1	0.3 J	<1
	CPT-B04-117-N-105	105-107	8/28/2019	(c)	200	4.9	2.9	0.2 J	<0.5
	CPT-B04-118-N-130	129-131	8/28/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-B05	CPT-B05-121-N-010	10-12	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-122-N-016	16-18	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-123-N-029	29-31	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-124-N-047	47-49	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-125-N-060	60-62	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-126-N-070	70-72	8/21/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-B05-127-N-086	86-88	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-127-FD-086	86-88	8/21/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B05-128-N-097	97-99	8/21/2019	(c)	25	0.2	0.1	<0.5	<0.5
CPT-B07	CPT-B07-141-N-022	22-24	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-142-N-039	39-41	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-143-N-060	60-62	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-144-N-073	73-75	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-145-FD-080	80-82	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-145-N-080	80-82	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-146-N-094	94-96	9/4/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-B07-147-N-106	106-108	9/4/2019	(c)	15	0.2	0.1	<0.5	<0.5
	CPT-B07-148-N-113	113-115	9/4/2019	(c)	6.2	<0.5	<0.5	<0.5	<0.5
CPT-C03	CPT-C03-181-N-014	14-16	8/13/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-C03-182-N-019	19-21	8/13/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-C03-183-N-032	32-34	8/13/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C03-184-N-039	39-41	8/13/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C03-185-N-052	52-54	8/13/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C03-186-FD-068	68-70	8/13/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C03-186-N-068	68-70	8/13/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C03-187-N-081	81-83	8/13/2019	(c)	4.7	<0.5	<0.5	<0.5	<0.5
	CPT-C03-188-N-088	88-90	8/13/2019	(c)	0.5	<0.5	<0.5	<0.5	<0.5
CPT-C04	CPT-C04-191-FD-008	8-10	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C04-191-N-008	8-10	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C04-192-N-015	15-17	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C04-193-N-022	22-24	8/14/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-C04-194-N-028	28-30	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C04-195-N-040	40-42	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C04-196-N-053	53-55	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C04-197-N-061	61-63	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-C05	CPT-C05-201-N-025	25-27	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-202-N-035	35-37	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-203-N-049	49-51	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-204-FD-060	60-62	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-204-N-060	60-62	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-205-N-070	70-72	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-206-N-083	83-85	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C05-207-N-091	91-93	9/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-C06	CPT-C06-211-N-065	65-67	9/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C06-215-FD-075	75-77	9/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C06-215-N-075	75-77	9/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C06-212-N-085	85-87	9/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-C06-213-N-097	97-99	9/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-D01	CPT-D01-221-N-018	18-20	7/9/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D01-222-N-024	24-26	7/9/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D01-223-FD-041	41-43	7/9/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-D01-223-N-041	41-43	7/9/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D01-224-N-054	54-56	7/9/2019	(c)	76	0.8	0.2	<0.5	<0.5
	CPT-D01-225-N-072	72-74	7/10/2019	(c)	220	5.5	3	<1	<1
	CPT-D01-226-N-080	80-82	7/10/2019	(c)	180	5.2	2.5	<0.5	<0.5
CPT-D02	CPT-D02-231-N-007	7-9	7/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D02-232-N-014	14-16	7/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D02-233-N-026	26-28	7/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D02-234-N-034	34-36	7/17/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-D02-235-N-042	42-44	7/17/2019	(c)	1	<0.5	<0.5	<0.5	<0.5
	CPT-D02-236-FD-058	58-60	7/17/2019	(c)	72	1.1	0.7	<0.5	<0.5
	CPT-D02-236-N-058	58-60	7/17/2019	(c)	72	1.0	0.6	<0.5	<0.5
	CPT-D02-237-N-064	64-66	7/17/2019	(c)	110	1.9	2.2	<0.5	<0.5
	CPT-D02-238-N-078	78-80	7/17/2019	(c)	170	2.8	2.5	<1.7	<1.7
CPT-D03	CPT-D03-241-N-014	14-16	7/22/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-D03-242-FD-030	30-32	7/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D03-242-N-030	30-32	7/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D03-243-N-044	44-46	7/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D03-244-N-050	50-52	7/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D03-245-N-058	58-60	7/22/2019	(c)	13	<0.5	<0.5	<0.5	<0.5
	CPT-D03-246-N-067	67-69	7/22/2019	(c)	97	1.1	0.8	<0.5	<0.5
	CPT-D03-247-N-083	83-85	7/22/2019	(c)	98	1.3	1.4	<0.5	<0.5
	CPT-D03-248-N-090	90-92	7/22/2019	(c)	140	2.2	2.7	<0.5	<0.5
CPT-D04	CPT-D04-251-N-010	10-12	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-252-N-018	18-20	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-253-N-026	26-28	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-254-FD-042	42-44	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-254-N-042	42-44	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-255-N-052	52-54	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-256-N-064	64-66	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-257-N-074	74-76	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D04-258-N-083	83-85	7/23/2019	(c)	69	1	1.2	<0.5	<0.5
CPT-D05	CPT-D05-261-N-012	12-14	7/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D05-262-FD-026	26-28	7/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D05-262-N-026	26-28	7/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D05-263-N-038	38-40	7/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D05-264-N-049	49-51	7/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D05-265-N-058	58-60	7/25/2019	(c)	1.8	<0.5	<0.5	<0.5	<0.5
	CPT-D05-266-N-068	68-70	7/25/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D05-267-N-076	76-78	7/25/2019	(c)	36	0.5	0.6	<0.5	<0.5
	CPT-D05-268-N-086	86-88	7/25/2019	(c)	92	1.2	1.1	<0.5	<0.5
CPT-D06	CPT-D06-271-FD-010	10-12	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D06-271-N-010	10-12	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D06-272-N-020	20-22	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D06-273-N-040	40-42	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D06-274-N-049	49-51	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D06-275-N-066	66-68	8/15/2019	(c)	33	0.6	0.6	<0.5	<0.5
	CPT-D06-276-N-078	78-80	8/15/2019	(c)	120	2.3	3.2	0.2 J	<0.5
	CPT-D06-277-N-090	90-92	8/15/2019	(c)	41	1.2	2.4	0.1 J	<0.5
	CPT-D06-278-N-110	110-112	8/15/2019	(c)	17	0.5	0.8	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-D07	CPT-D07-171-N-016	16-18	8/26/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-D07-172-N-022	22-24	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D07-173-N-038	38-40	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D07-174-N-054	54-56	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D07-175-FD-068	68-70	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D07-175-N-068	68-70	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-D07-176-N-076	76-78	8/26/2019	(c)	1	<0.5	<0.5	<0.5	<0.5
	CPT-D07-177-N-086	86-88	8/26/2019	(c)	29	0.6	1	<0.5	<0.5
	CPT-D07-179-N-096	96-98	8/26/2019	(c)	72	2.4	3.7	<0.5	<0.5
CPT-E01	CPT-E01-281-N-007	7-9	6/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E01-282-N-022	22-24	6/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E01-283-N-039	39-41	6/24/2019	(c)	120	4.5	2.3	<1	<1
	CPT-E01-284-N-049	49-51	6/24/2019	(c)	570	7.4	6.8	<3.1	<3.1
	CPT-E01-285-N-058	58-62	6/24/2019	(c)	540	6.9	6.9	<5	<5
	CPT-E01-286-N-074	74-76	6/25/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-E01-287-FD-086	86-88	6/25/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-E01-287-N-086	86-88	6/25/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
CPT-E02	CPT-E02-291-N-008	8-10	7/8/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E02-292-N-020	20-22	7/8/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-E02-293-N-029	29-31	7/8/2019	(c)	12	0.3	<0.5	<0.5	<0.5
	CPT-E02-294-N-042	42-44	7/8/2019	(c)	18	0.4	<0.5	<0.5	<0.5
	CPT-E02-295-N-058	58-60	7/8/2019	(c)	54	1.5	0.3	<0.5	<0.5
	CPT-E02-296-N-066	66-68	7/9/2019	(c)	83	1.7	1	<0.5	<0.5
	CPT-E02-297-FD-080	80-82	7/9/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E02-297-N-080	80-82	7/9/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-E03	CPT-E03-301-N-008	8-10	7/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E03-302-N-018	18-20	7/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E03-303-N-028	28-30	7/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E03-304-FD-035	35-37	7/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E03-304-N-035	35-37	7/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E03-305-N-044	44-46	7/10/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-E03-306-N-058	58-60	7/11/2019	(c)	5	<0.5	<0.5	<0.5	<0.5
	CPT-E03-307-N-071	71-73	7/11/2019	(c)	84	1.8	0.8	<0.5	<0.5
CPT-E04	CPT-E04-311-N-008	8-10	7/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E04-312-N-015	15-17	7/11/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E04-313-N-027	27-29	7/11/2019	(c)	0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E04-314-N-038	38-40	7/12/2019	(c)	6.6	<0.5	<0.5	<0.5	<0.5
	CPT-E04-315-N-045	45-47	7/12/2019	(c)	29	0.4	0.2	<0.5	<0.5
	CPT-E04-316-N-066	66-68	7/12/2019	(c)	74	1.2	1.2	<0.5	<0.5
	CPT-E04-317-N-082	82-84	7/12/2019	(c)	56	1	0.4	<0.5	<0.5
	CPT-E04-318-FD-094	94-96	7/12/2019	(c)	13	<0.5	<0.5	<0.5	<0.5
	CPT-E04-318-N-094	94-96	7/12/2019	(c)	11	<0.5	<0.5	<0.5	<0.5
CPT-E05	CPT-E05-321-N-011	11-13	7/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E05-322-N-021	21-23	7/24/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-E05-323-N-034	34-36	7/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E05-324-FD-045	45-47	7/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E05-324-N-045	45-47	7/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E05-325-N-057	57-59	7/24/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-E05-326-N-067	67-69	7/24/2019	(c)	14	<0.5	<0.5	<0.5	<0.5
	CPT-E05-327-N-086	86-88	7/24/2019	(c)	44	0.6	0.7	<0.5	<0.5
	CPT-E05-328-N-096	96-98	7/24/2019	(c)	83	1.1	1.1	<0.5	<0.5
CPT-E06	CPT-E06-331-N-015	15-17	7/29/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-E06-332-N-026	26-28	7/29/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-E06-333-N-039	39-41	7/29/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-E06-334-N-058	58-60	7/29/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E06-335-FD-078	78-80	7/29/2019	(c)	2.3	<0.5	<0.5	<0.5	<0.5
	CPT-E06-335-N-078	78-80	7/29/2019	(c)	2.3	<0.5	<0.5	<0.5	<0.5
	CPT-E06-336-N-092	92-94	7/29/2019	(c)	24	0.5	0.9	<0.5	<0.5
CPT-E07	CPT-E07-341-N-016	16-18	7/30/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E07-342-N-026	26-28	7/30/2019	(c)	0.7	<0.5	<0.5	<0.5	<0.5
	CPT-E07-343-N-035	35-37	7/30/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-E07-344-N-046	46-48	7/30/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-E07-345-N-056	56-58	7/30/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-E07-346-N-069	69-71	7/30/2019	(c)	3	<0.5	<0.5	<0.5	<0.5
	CPT-E07-347-N-076	76-78	7/30/2019	(c)	15	0.2	0.2	<0.5	<0.5
	CPT-E07-348-FD-087	87-89	7/30/2019	(c)	40	0.5	0.7	<0.5	<0.5
	CPT-E07-348-N-087	87-89	7/30/2019	(c)	40	0.5	0.7	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-E08	CPT-E08-351-N-013	13-15	7/31/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-E08-352-N-018	18-20	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E08-353-N-025	25-27	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E08-354-FD-037	37-39	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E08-354-N-037	37-39	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E08-355-N-050	50-52	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E08-356-N-058	58-60	7/31/2019	(c)	0.6	<0.5	<0.5	<0.5	<0.5
	CPT-E08-357-N-075	75-77	7/31/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-E08-358-N-093	93-95	7/31/2019	(c)	38	0.6	0.6	<0.5	<0.5
CPT-E10	CPT-E10-371-N-008	8-10	8/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E10-372-N-015	15-17	8/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E10-373-N-031	31-33	8/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E10-374-FD-045	45-47	8/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E10-374-N-045	45-47	8/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-E10-375-N-063	63-65	8/19/2019	(c)	16	0.4	0.8	<0.5	<0.5
	CPT-E10-376-N-079	79-81	8/19/2019	(c)	23	0.6	1.3	<0.5	<0.5
	CPT-E10-377-N-100	100-102	8/19/2019	(c)	3.3	<0.5	0.2	<0.5	<0.5
	CPT-E10-378-N-111	111-113	8/19/2019	(c)	30	0.5	0.9	<0.5	<0.5
CPT-F01	CPT-F01-381-N-004	4-6	7/18/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-F01-382-N-020	20-22	7/18/2019	(c)	14	0.2	<0.5	<0.5	<0.5
	CPT-F01-383-N-041	41-43	7/18/2019	(c)	320	5.1	3.8	<2.5	<2.5
	CPT-F01-384-N-052	52-54	7/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F01-385-N-066	66-68	7/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F01-386-FD-070	70-72	7/18/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-F01-386-N-070	70-72	7/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F01-387-N-078	78-80	7/18/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
CPT-F03	CPT-F03-402-N-024	24-26	8/6/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F03-403-N-031	31-33	8/6/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F03-404-N-040	40-42	8/6/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F03-405-N-052	52-54	8/6/2019	(c)	5.3	<0.5	<0.5	<0.5	<0.5
	CPT-F03-406-N-070	70-72	8/6/2019	(c)	240	4.6	2.5	<1.7	<1.7
	CPT-F03-407-N-080	80-82	8/6/2019	(c)	15	0.4	<0.5	<0.5	<0.5
	CPT-F03-408-FD-094	94-96	8/6/2019	(c)	11	<0.5	<0.5	<0.5	<0.5
	CPT-F03-408-N-094	94-96	8/6/2019	(c)	11	<0.5	<0.5	NA	<0.5
CPT-F04	CPT-F04-411-N-018	18-20	8/7/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F04-412-N-027	27-29	8/7/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F04-413-FD-040	40-42	8/7/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-F04-413-N-040	40-42	8/7/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-F04-414-N-047	47-49	8/7/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	CPT-F04-415-N-060	60-62	8/7/2019	(c)	36	0.7	1.1	<0.5	<0.5
	CPT-F04-416-N-068	68-70	8/7/2019	(c)	93	2.6	1.3	<1	<1
	CPT-F04-417-N-078	78-80	8/7/2019	(c)	80	3.5	1	<0.5	<0.5
	CPT-F04-418-N-088	88-90	8/7/2019	(c)	16	0.2	<0.5	<0.5	<0.5
CPT-F05	CPT-F05-421-N-015	15-17	8/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F05-422-N-024	24-26	8/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F05-423-N-038	38-40	8/22/2019	(c)	1.6	<0.5	<0.5	<0.5	<0.5
	CPT-F05-424-N-053	53-55	8/22/2019	(c)	5.7	<0.5	0.1	<0.5	<0.5
	CPT-F05-425-N-067	67-69	8/22/2019	(c)	89	2.1	1.9	<0.5	<0.5
	CPT-F05-426-FD-076	76-78	8/22/2019	(c)	27	0.6	0.2	<0.5	<0.5
	CPT-F05-426-N-076	76-78	8/22/2019	(c)	23	0.5	0.2	<0.5	<0.5
	CPT-F05-427-N-084	84-86	8/22/2019	(c)	27	0.4	<0.5	<0.5	<0.5
	CPT-F05-428-N-094	94-96	8/22/2019	(c)	13	<0.5	<0.5	<0.5	<0.5
CPT-F07	CPT-F07-441-FD-028	28-30	8/8/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F07-441-N-028	28-30	8/8/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F07-442-N-042	42-44	8/8/2019	(c)	1.5	<0.5	<0.5	<0.5	<0.5
	CPT-F07-443-N-050	50-52	8/8/2019	(c)	3.2	<0.5	<0.5	<0.5	<0.5
	CPT-F07-444-N-062	62-64	8/8/2019	(c)	22	0.5	1.5	<0.5	<0.5
	CPT-F07-445-N-072	72-74	8/8/2019	(c)	19	0.2	0.4	<0.5	<0.5
	CPT-F07-446-N-076	76-78	8/8/2019	(c)	43	0.5	0.6	<0.5	<0.5
	CPT-F07-447-N-086	86-88	8/8/2019	(c)	24	0.3	0.3	<0.5	<0.5
	CPT-F07-448-N-096	96-98	8/8/2019	(c)	7.4	0.1	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-F08	CPT-F08-451-N-016	16-18	8/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F08-452-N-029	29-31	8/27/2019	(c)	1.7	<0.5	<0.5	<0.5	<0.5
	CPT-F08-453-N-042	42-44	8/27/2019	(c)	1.4	<0.5	0.1	<0.5	<0.5
	CPT-F08-454-FD-048	48-50	8/27/2019	(c)	2.6	<0.5	<0.5	<0.5	<0.5
	CPT-F08-454-N-048	48-50	8/27/2019	(c)	2.5	<0.5	<0.5	<0.5	<0.5
	CPT-F08-455-N-066	66-68	8/27/2019	(c)	13	<0.5	<0.5	<0.5	<0.5
	CPT-F08-456-N-080	80-82	8/27/2019	(c)	28	<0.5	<0.5	<0.5	<0.5
	CPT-F08-457-N-090	90-92	8/27/2019	(c)	17	0.3	0.2	<0.5	<0.5
	CPT-F08-458-N-103	103-105	8/27/2019	(c)	12	0.1	<0.5	<0.5	<0.5
CPT-F09	CPT-F09-461-FD-028	13-15	9/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-F09-461-N-028	28-30	9/10/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	CPT-F09-462-N-013	28-30	9/10/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	CPT-F09-463-N-036	36-38	9/10/2019	(c)	1.3	0.3	<0.5	<0.5	<0.5
	CPT-F09-464-N-054	54-56	9/10/2019	(c)	8.9	<0.5	<0.5	<0.5	<0.5
	CPT-F09-465-N-066	66-68	9/10/2019	(c)	4.2	<0.5	<0.5	<0.5	<0.5
	CPT-F09-466-N-081	81-83	9/10/2019	(c)	3.5	<0.5	<0.5	<0.5	<0.5
	CPT-F09-467-N-090	90-92	9/10/2019	(c)	2.2	<0.5	<0.5	<0.5	<0.5
	CPT-F09-468-N-102	102-104	9/10/2019	(c)	0.6	<0.5	<0.5	<0.5	<0.5
CPT-F10	CPT-F10-431-N-52	52-54	10/2/2019	(c)	3.2	<0.5	<0.5	<0.5	<0.5
	CPT-F10-432-N-70	70-72	10/2/2019	(c)	25	<0.5	<0.5	<0.5	<0.5
	CPT-F10-433-N-85	85-87	10/2/2019	(c)	12	<0.5	<0.5	<0.5	<0.5
	CPT-F10-434-N-98	98-100	10/3/2019	(c)	3.3	<0.5	<0.5	<0.5	<0.5
	CPT-F10-435-N-105	105-107	10/3/2019	(c)	3.4	<0.5	<0.5	<0.5	<0.5
	CPT-F10-436-N-115	115-117	10/3/2019	(c)	2.9	<0.5	<0.5	<0.5	<0.5
CPT-F11	CPT-F11-WG-005-N-032	32-36	7/30/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	CPT-F11-WG-006-FD-052	52-56	7/30/2020	(c)	2	<0.5	<0.5	<0.5	<1
	CPT-F11-WG-006-N-052	52-56	7/30/2020	(c)	1.8	<0.5	<0.5	<0.5	<1
	CPT-F11-WG-007-N-080	80-84	7/30/2020	(c)	2.4	<0.5	<0.5	<0.5	<1
	CPT-F11-WG-008-N-104	104-108	7/30/2020	(c)	22	<0.5	<0.5	<0.5	<1
CPT-F12	CPT-F12-WG-009-N-032	32-36	7/29/2020	(c)	0.78	<0.5	<0.5	<0.5	<1
	CPT-F12-WG-010-N-049	49-53	7/29/2020	(c)	3.4	<0.5	<0.5	<0.5	<1
	CPT-F12-WG-011-N-069	69-73	7/29/2020	(c)	6.8	<0.5	<0.5	<0.5	<1
	CPT-F12-WG-012-N-091	91-95	7/29/2020	(c)	2.4	<0.5	<0.5	<0.5	<1
	CPT-F12-WG-303-N-108	108-112	7/29/2020	(c)	2.7	<0.5	<0.5	<0.5	<1
CPT-G01	CPT-G01-471-N-010	10-12	7/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-G01-472-N-024	24-26	7/15/2019	(c)	5.4	0.2	<0.5	<0.5	<0.5
	CPT-G01-473-N-034	34-36	7/15/2019	(c)	29	0.7	0.1	<0.5	<0.5
	CPT-G01-474-FD-041	41-43	7/15/2019	(c)	98	2.3	0.8	<1	<1
	CPT-G01-474-N-041	41-43	7/15/2019	(c)	120	2.6	1	<1.3	<1.3
	CPT-G01-475-N-052	52-54	7/15/2019	(c)	12	0.2	<0.5	<0.5	<0.5
	CPT-G01-476-N-062	62-64	7/15/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	CPT-G01-477-N-072	72-74	7/15/2019	(c)	5.7	<0.5	<0.5	<0.5	<0.5
	CPT-G01-478-N-087	87-89	7/15/2019	(c)	3.3	<0.5	<0.5	<0.5	<0.5
CPT-G05	CPT-G05-511-N-010	10-12	8/20/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-G05-512-N-019	19-21	8/20/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-G05-513-N-025	25-27	8/20/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-G05-514-N-044	44-46	8/20/2019	(c)	1	<0.5	<0.5	<0.5	<0.5
	CPT-G05-515-FD-056	56-58	8/20/2019	(c)	1.2	<0.5	<0.5	<0.5	<0.5
	CPT-G05-515-N-056	56-58	8/20/2019	(c)	1.1	<0.5	<0.5	<0.5	<0.5
	CPT-G05-516-N-085	85-87	8/20/2019	(c)	0.6	<0.5	<0.5	<0.5	<0.5
CPT-G06	CPT-G06-521-FD-37	37-39	10/1/2019	(c)	1.4	<0.5	<0.5	<0.5	<0.5
	CPT-G06-521-N-37	37-39	10/1/2019	(c)	1.6	<0.5	<0.5	<0.5	<0.5
	CPT-G06-522-N-47	47-49	10/1/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-G06-523-N-54	54-56	10/1/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-G06-524-N-71	71-73	10/1/2019	(c)	73	0.9	1	<0.5	<0.5
	CPT-G06-525-N-79	79-81	10/1/2019	(c)	25	1.3	2.6	<0.5	<0.5
	CPT-G06-526-N-90	90-92	10/1/2019	(c)	120	<1	<1	<1	<1
	CPT-G06-527-N-96	96-98	10/2/2019	(c)	18	<0.5	<0.5	<0.5	<0.5
CPT-G07	CPT-G07-495-N-61	61-63	10/4/2019	(c)	3.9	<0.5	<0.5	<0.5	<0.5
	CPT-G07-494-FD-71	71-73	10/4/2019	(c)	24	<0.5	<0.5	<0.5	<0.5
	CPT-G07-494-N-71	71-73	10/4/2019	(c)	23	<0.5	<0.5	<0.5	<0.5
	CPT-G07-493-N-81	81-83	10/4/2019	(c)	32	0.5	0.8	<0.5	<0.5
	CPT-G07-492-N-91	91-93	10/4/2019	(c)	1	<0.5	<0.5	<0.5	<0.5
	CPT-G07-491-N-101	101-103	10/4/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-G08	CPT-G08-WG-013-N-028	28-32	7/16/2020	(c)	0.85	<0.5	<0.5	<0.5	<1
	CPT-G08-WG-014-FD-040	40-44	7/16/2020	(c)	290	0.26	<0.5	<0.5	<1
	CPT-G08-WG-014-N-040	40-44	7/27/2020	(c)	230	0.24	<0.5	<0.5	<1
	CPT-G08-WG-015-N-051	51-55	7/27/2020	(c)	340	0.28	<0.5	<0.5	<1
	CPT-G08-WG-016-N-080	80-84	7/27/2020	(c)	17	<0.5	<0.5	<0.5	<1
	CPT-G08-WG-302-N-096	96-100	7/27/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
CPT-G09	CPT-G09-WG-017-N-011	11-15	7/14/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	CPT-G09-WG-018-N-044	44-48	7/14/2020	(c)	3.9	<0.5	<0.5	<0.5	<1
	CPT-G09-WG-019-N-064	64-68	7/15/2020	(c)	65	0.41	0.2	<0.5	<1
	CPT-G09-WG-020-N-092	92-96	7/15/2020	(c)	5.5	<0.5	<0.5	<0.5	<1
	CPT-G09-WG-301-N-099	99-100	7/15/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
CPT-G10	CPT-G10-WG-021-N-10	10-12	7/31/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	CPT-G10-WG-022-FD-038	38-40	7/31/2020	(c)	6.9	<0.5	<0.5	<0.5	<1
	CPT-G10-WG-022-N-038	38-40	7/31/2020	(c)	6.7	<0.5	<0.5	<0.5	<1
	CPT-G10-WG-024-N-070	70-73	7/31/2020	(c)	50	<0.5	<0.5	<0.5	<1
	CPT-G10-WG-023-N-078	78-82	7/31/2020	(c)	2.1	<0.5	<0.5	<0.5	<1
CPT-G11	CPT-G11-WG-025-N-030	30-31	8/1/2020	(c)	0.47 J	<0.2	<0.3	<0.5	<0.2
	CPT-G11-WG-026-N-040	40-41	8/1/2020	(c)	<0.2	<0.2	<0.3	<0.5	<0.2
	CPT-G11-WG-028-N-056	56-57	8/1/2020	(c)	<0.2	<0.2	<0.3	<0.5	<0.2
	CPT-G11-WG-027-N-075	75-76	8/1/2020	(c)	<0.2	0.27 J	<0.3	<0.5	<0.2
CPT-G12	CPT-G12-001-N-026	26-27	10/2/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
	CPT-G12-002-N-037	37-38	10/2/2023	(g)	0.4 J	<0.2	<0.3	<0.2	<0.2
	CPT-G12-003-N-041.5	41.5-42.5	10/2/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
	CPT-G12-008-N-053.5	53.5-54.5	10/4/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
CPT-G13	CPT-G13-004-N-028	28-29	10/3/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
	CPT-G13-005-FD-037	37-38	10/3/2023	(g)	0.3 J	<0.2	<0.3	<0.2	<0.2
	CPT-G13-005-N-037	37-38	10/3/2023	(g)	0.3 J	<0.2	<0.3	<0.2	<0.2
	CPT-G13-006-N-043.7	43.7-44.7	10/3/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
	CPT-G13-007-N-050.6	50.6-51.6	10/3/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
CPT-G14	CPT-G14-009-FD-027	27-28	10/4/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
	CPT-G14-009-N-027	27-28	10/4/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
	CPT-G14-010-N-036.7	36.7-37.7	10/4/2023	(g)	0.6	<0.2	<0.3	<0.2	<0.2
	CPT-G14-014-N-049	49-50	10/6/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
CPT-G15	CPT-G15-011-N-027	27-28	10/5/2023	(g)	0.2 J	<0.2	<0.3	<0.2	<0.2
	CPT-G15-012-N-037	37-38	10/5/2023	(g)	0.6	<0.2	<0.3	<0.2	<0.2
	CPT-G15-013-N-046.7	46.7-47.7	10/5/2023	(g)	<0.2	<0.2	<0.3	<0.2	<0.2
CPT-G16	CPT-G16-015-N-030	30-31	10/6/2023	(g)	0.9	<0.2	<0.3	<0.2	<0.2
CPT-H01	CPT-H01-001-N-014	14-16	8/1/2019	(c)	1.2	<0.5	0.2	<0.5	<0.5
	CPT-H01-002-N-020	20-22	8/1/2019	(c)	1.5	0.3	1.1	<0.5	<0.5
	CPT-H01-012-N-022	22-24	8/2/2019	(c)	<0.5	<8.4	2.2	<0.5	<8.4
	CPT-H01-010-N-026	26-28	8/1/2019	(c)	<5.7	<5.7	<5.7	NA	<11
	CPT-H01-009-N-029	29-31	8/1/2019	(c)	<5.9	<5.9	<5.9	NA	<12
	CPT-H01-004-FD-034	34-36	8/1/2019	(c)	1.7	0.2	0.4	<0.5	<0.5
	CPT-H01-004-N-034	34-36	8/1/2019	(c)	1.7	0.2	0.5	<0.5	<0.5
	CPT-H01-005-N-041	41-43	8/1/2019	(c)	0.2	<0.5	0.1	<0.5	<0.5
	CPT-H01-006-N-049	49-51	8/1/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-H01-007-N-057	57-59	8/1/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-H01-008-N-073	73-75	8/1/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-H02	CPT-H02-011-N-008	8-10	6/28/2019	(c)	<0.5	0.5	0.1	<0.5	<0.5
	CPT-H02-012-N-016	16-18	6/28/2019	(c)	0.4	0.1	0.2	<0.5	<0.5
	CPT-H02-013-N-022	22-24	6/28/2019	(c)	9.6	0.3	0.6	<0.5	<0.5
	CPT-H02-014-FD-032	32-34	6/28/2019	(c)	60	1	<0.5	<0.5	<0.5
	CPT-H02-014-N-032	32-34	6/28/2019	(c)	59	0.9	<0.5	<0.5	<0.5
	CPT-H02-015-N-038	38-40	6/28/2019	(c)	74	1.4	0.2	<0.5	<0.5
	CPT-H02-016-N-055	55-57	6/28/2019	(c)	3.4	<0.5	<0.5	<0.5	<0.5
	CPT-H02-017-N-060	60-62	7/1/2019	(c)	1.1	<0.5	<0.5	<0.5	<0.5
	CPT-H02-018-N-083	83-85	7/1/2019	(c)	1.1	<0.5	<0.5	<0.5	<0.5

TABLE C-4
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Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CPT-H03	CPT-H03-021-N-011	11-13	7/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-H03-022-N-024	24-26	7/14/2019	(c)	1.3	0.4	1.2	<0.5	<0.5
	CPT-H03-023-N-038	38-40	7/14/2019	(c)	46	1.6	0.1	<0.5	<0.5
	CPT-H03-024-N-053	53-55	7/14/2019	(c)	14	<1.7	<1.7	<1.7	<1.7
	CPT-H03-025-N-064	64-66	7/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-H03-026-N-075	75-77	7/14/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-H03-027-FD-082	82-84	7/14/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-H03-027-N-082	82-84	7/14/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-H03-028-N-088	88-90	7/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-H04	CPT-H04-031-N-012	12-14	8/12/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-H04-032-N-021	21-23	8/12/2019	(c)	3.9	0.1	<0.5	<0.5	<0.5
	CPT-H04-033-FD-032	32-34	8/12/2019	(c)	5.2	0.1	<0.5	<0.5	<0.5
	CPT-H04-033-N-032	32-34	8/12/2019	(c)	5	0.1	<0.5	<0.5	<0.5
	CPT-H04-034-N-040	40-42	8/12/2019	(c)	43	0.7	0.2	<0.5	<0.5
	CPT-H04-035-N-051	51-53	8/12/2019	(c)	6.5	0.3	<0.5	<0.5	<0.5
	CPT-H04-036-N-062	62-64	8/12/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
	CPT-H04-037-N-076	76-78	8/12/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-H04-038-N-087	87-89	8/12/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-H05	CPT-H05-041-N-019	19-21	9/3/2019	(c)	1	<0.5	<0.5	<0.5	<0.5
	CPT-H05-042-N-024	24-26	9/3/2019	(c)	0.8	<0.5	<0.5	<0.5	<0.5
	CPT-H05-043-N-037	37-39	9/3/2019	(c)	0.8	<0.5	<0.5	<0.5	<0.5
	CPT-H05-044-N-041	41-43	9/3/2019	(c)	1.2	<0.5	<0.5	<0.5	<0.5
	CPT-H05-045-N-052	52-54	9/3/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-H05-046-N-062	62-64	9/3/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-H05-047-FD-076	76-78	9/3/2019	(c)	0.4	<0.5	<0.5	<0.5	<0.5
	CPT-H05-047-N-076	76-78	9/3/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	CPT-H05-048-N-087	87-89	9/3/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
CPT-I01	CPT-I01-531-N-016	16-18	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I01-531-N-024	24-26	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I01-531-N-034	34-36	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I01-531-N-040	40-42	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I01-531-FD-061	61-63	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I01-531-N-061	61-63	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I01-531-N-084	84-86	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-I02	CPT-I02-501-N-016	16-18	9/12/2019	(c)	0.5	<0.5	<0.5	<0.5	<0.5
	CPT-I02-507-FD-028	28-30	9/12/2019	(c)	3.8	0.2	0.9	<0.5	<0.5
	CPT-I02-507-N-028	28-30	9/12/2019	(c)	3.8	0.3	0.9	<0.5	<0.5
	CPT-I02-502-N-038	38-40	9/12/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	CPT-I02-503-N-049	49-51	9/12/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
CW-D1	Clement Well-D1_54_19980506	54-54	5/6/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5
CW-D2	Clement Well-D1_40_19980506	40-40	5/6/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5
	Clement Well-D3_49_19980506	49-49	5/6/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5
DPT-1	DPT-1-20-GW	19.5 - 20.5	4/12/2025	(f)	15	0.49 J	<0.085	<0.15	<0.12
	DPT-1-30-GW	29.5 - 30.5	4/13/2025	(f)	15	0.6	<0.085	<0.15	<0.12
DPT-2	DPT-2-20-GW	19.5 - 20.5	5/15/2025	(f)	5.8	0.10 J	<0.085	<0.15	<0.12
	DPT-2-34-GW	33.5 - 34.5	5/20225	(f)	460	11	5.9	0.29 J	<0.12
DPT-3	DPT-3-15-GW	14.5 - 15.5	5/15/2025	(f)	0.79	<0.085	<0.085	<0.15	<0.12
	DPT-3-40-GW	39- 41	5/15/2025	(f)	180	4.4	2.7	<0.15	<0.12
DPT-4	DPT-4-15-GW	13 - 15.5	5/13/2025	(f)	0.15 J	0.28 J	<0.085	<0.15	<0.12
	DPT-4-39.5-GW	39 - 39.5	5/13/2025	(f)	74	5.2	3.4	<0.15	<0.12
DPT-6	DPT-6-15-GW	14.5 - 15.5	5/14/2025	(f)	25	0.33 J	0.12 J	<0.15	<0.12
	DPT-6-38.5-GW	37.5 - 38.5	5/14/2025	(f)	140	4.7	2.5	<0.15	<0.12
DPT-7	DPT-7-15-GW	14.5 - 15.5	5/14/2025	(f)	2.7	0.18 J	<0.085	<0.15	<0.12
	DPT-7-40-GW	39.5 - 41	5/14/2025	(f)	120	3	1.9	<0.15	<0.12
DPT-8	DPT-8-15-GW	14.5 - 15.5	5/19/2025	(f)	7.9	0.91	<0.085	<0.15	<0.12
	DPT-8-40-GW	39.5 - 40.5	5/16/2025	(f)	2.3	2.4	<0.17	<0.30	<0.12
DPT-9	DPT-9-14.5 - 15.5	14.5 - 15.5	5/15/2025	(f)	1.6	<0.085	<0.085	<0.15	<0.12
	DPT-9-31-GW	31.0 - 31.5	5/15/2025	(f)	1.9	0.18 J	<0.17	<0.30	<0.12
	DPT-9-40-GW	39.5 - 40.0	5/21/2025	(f)	71	2	1	<0.15	<0.12
DPT-10	DPT-10-20-GW	19.5 - 20.5	5/14/2025	(f)	17	0.26 J	<0.085	<0.15	<0.12
	DPT-10-37-GW	37 - 38.5	5/14/2025	(f)	50	0.91	0.32 J	<0.15	<0.12

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Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
DPT-11	DPT-11-15-GW	14.5 - 15.5	5/19/2025	(f)	22	0.44 J	<0.085	<0.15	<0.12
	DPT-11-37-GW	36.5 - 37.0	5/19/2025	(f)	5.7	0.23 J	<0.085	<0.15	<0.12
DPT-12	DPT-12-15-GW	14.5 - 15.5	5/16/2025	(f)	13	0.58	<0.085	<0.15	<0.12
	DPT-12-40-GW	39.5 - 40.5	5/16/2025	(f)	34	0.77	0.26 J	<0.15	<0.12
DPT-13	DPT-13-16.5-GW	16.5 -17.0	5/15/2025	(f)	1.1	0.44 j	<0.085	<0.15	<0.12
	DPT-13-40-GW	39.5 - 41.5	5/16/2025	(f)	26	0.65	0.25 j	<0.15	<0.12
DPT-14	DPT-14-15-GW	14.5 -15.5	5/20/2025	(f)	22	1.2	0.17 J	<0.15	<0.12
	DPT-14-34.5-GW	33.5 - 34.5	5/20/2025	(f)	21	0.71	0.77	<0.15	<0.12
DPT-15	DPT-15-15-GW	14.5 - 15.5	5/12/2025	(f)	0.17 J	<0.085	<0.085	<0.15	<0.12
	DPT-15-43-GW	33 - 38	5/12/2025	(f)	570	20	12	0.47 J	<0.12
DPT-16	DPT-16-15-GW	14.5 - 15.5	5/20/2025	(f)	18	1.3	0.090 J	<0.15	<0.12
	DPT-16-39.5-GW	38.5 - 39.5	5/20/2025	(f)	51	3.8	1.7	<0.15	<0.12
DUN1	DUN1GW24	20-24	6/23/2017	(c, d, e)	3.11	<0.5	<0.5	<0.5	<0.5
	DUN1GW32	28-32	6/23/2017	(c, d, e)	0.93	<0.5	<0.5	<0.5	<0.5
	DUN1GW56	52-56	6/23/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	DUN1GW70	66-70	6/23/2017	(c, d, e)	2.58	<0.5	<0.5	<0.5	<0.5
DUN2	DUN2GW24	20-24	6/27/2017	(c, d, e)	33.1	0.59	<0.5	<0.5	<0.5
	DUN2GW32	28-32	6/27/2017	(c, d, e)	16	<0.5	<0.5	<0.5	<0.5
	DUN2GW56	52-56	6/27/2017	(c, d, e)	0.74	<0.5	<0.5	<0.5	<0.5
	DUN2GW70	66-70	6/27/2017	(c, d, e)	1.03	<0.5	<0.5	<0.5	<0.5
Factory Stores	2014 Lake Tahoe Blvd_2001_40_5	40-40	1/1/2001	(c)	5	NA	NA	NA	NA
FIF	FIFGW23	19-23	6/30/2017	(c, d, e)	2.7	<0.5	<0.5	<0.5	<0.5
	FIFGW40	36-40	6/30/2017	(c, d, e)	27.3	0.73	<0.5	<0.5	<0.5
	FIFGW49	45-49	6/30/2017	(c, d, e)	1,040	20.8	11.8	<5.0	<0.5
	FIFGW80	76-80	6/30/2017	(c, d, e)	0.51	<0.5	<0.5	<0.5	<0.5
HZL_B-1	B-1-16.5_20011116	16.5-16.5	11/16/2001	(c)	280	<5.0	<5.0	NA	<5.0
	B-1-49_20011116	49-49	11/16/2001	(c)	29	0.89	1	NA	<0.5
HZL_B-2	B-2-16.6_20011116	16.6-16.6	11/16/2001	(c)	450	<5.0	<5.0	NA	<5.0
	B-2-49_20011116	49-49	11/16/2001	(c)	140	2.2	2.5	NA	<2.0
HZL_B-3	B-3-19_20011119	19-19	11/16/2001	(c)	10	<1.0	<1.0	NA	<1.0
	B-3-49_20011119	49-49	11/16/2001	(c)	6.6	<0.5	<0.5	NA	<0.5
HZL_BH-1	BH-1-14_20070918	14-14	9/18/2007	(c)	<1.0	NA	NA	NA	NA
	BH-1-45_20070918	45-45	9/18/2007	(c)	1500	NA	NA	NA	NA
HZL_BH-2	BH-2-14_20070919	14-14	9/19/2007	(c)	2	NA	NA	NA	NA
	BH-2-45_20070919	45-45	9/19/2007	(c)	910	NA	NA	NA	NA
HZL_BH-3	BH-3-14_20070919	14-14	9/19/2007	(c)	<1.0	NA	NA	NA	NA
	BH-3-45_20070919	45-45	9/19/2007	(c)	400	NA	NA	NA	NA
HZL_BH-9	BH-9-14_20070919	14-14	9/19/2007	(c)	<1.0	NA	NA	NA	NA
	BH-9-45_20070919	45-45	9/19/2007	(c)	1100	NA	NA	NA	NA
HZL_BH-10	BH-10-12_20070917	12-12	9/17/2007	(c)	<1.0	NA	NA	NA	NA
	BH-10-45_20070917	45-45	9/17/2007	(c)	580	NA	NA	NA	NA
HZL_BH-12	BH-12-16_20070917	16-16	9/17/2007	(c)	3	NA	NA	NA	NA
	BH-12-45_20070917	45-45	9/17/2007	(c)	820	NA	NA	NA	NA
HZL_BH-14	BH-14-14_20070917	14-14	9/17/2007	(c)	<1.0	NA	NA	NA	NA
	BH-14-45_20070917	45-45	9/17/2007	(c)	1100	NA	NA	NA	NA
HZL_BH-15	BH-15-14_20070920	14-14	9/20/2007	(c)	1.4	NA	NA	NA	NA
HZL_BH-16	BH-16-45_20070920	45-45	9/20/2007	(c)	510	NA	NA	NA	NA
HZL_BH-17	BH-17-14_20070920	14-14	9/20/2007	(c)	7.2	NA	NA	NA	NA
	BH-17-45_20070920	45-45	9/20/2007	(c)	170	NA	NA	NA	NA
HZL_BH-18	BH-18-14_20070921	14-14	9/21/2007	(c)	44	NA	NA	NA	NA
	BH-18-45_20070921	45-45	9/21/2007	(c)	140	NA	NA	NA	NA
J1	J1GW24	20-24	6/27/2017	(c, d, e)	5.35	<0.5	<0.5	<0.5	<0.5
	J1GW32	28-32	6/27/2017	(c, d, e)	9.95	<0.5	<0.5	<0.5	<0.5
	J1GW56	52-56	6/27/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J1GW70	66-70	6/27/2017	(c, d, e)	0.9	<0.5	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
J2	J2GW22	18-22	6/28/2017	(c, d, e)	25	<0.5	<0.5	<0.5	<0.5
	J2GW39	35-39	6/28/2017	(c, d, e)	694	14.3	6.18	<0.5	<0.5
	J2GW65	61-65	6/28/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J2GW70	66-70	6/28/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
J3	J3GW22	18-22	6/28/2017	(c, d, e)	3.46	<0.5	<0.5	<0.5	<0.5
	J3GW39	35-39	6/28/2017	(c, d, e)	351	11.6	5.19	<0.5	<0.5
	J3GW65	61-65	6/28/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J3GW70	66-70	6/29/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
J4	J4GW22	18-22	6/29/2017	(c, d, e)	12	<0.5	<0.5	<0.5	<0.5
	J4GW39	35-39	6/29/2017	(c, d, e)	718	14.4	10.4	<0.5	<0.5
	J4GW65	61-65	6/29/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J4GW70	66-70	6/29/2017	(c, d, e)	0.53	<0.5	<0.5	<0.5	<0.5
J5	J5GW22	18-22	6/29/2017	(c, d, e)	18.5	<0.5	<0.5	<0.5	<0.5
	J5GW39	35-39	6/29/2017	(c, d, e)	338	8.64	3.65	<2.5	<0.5
	J5GW65	61-65	6/29/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J5GW70	66-70	6/30/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
J6	J6GW29	25-29	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J6DUP	25-29	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J6GW45	41-45	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	J6GW53	49-53	7/6/2017	(c, d, e)	0.68	<0.5	<0.5	<0.5	<0.5
	J6GW73	69-73	7/6/2017	(c, d, e)	99.1	1.45	1.16	<0.5	<0.5
KM1	KM1GW21	17-21	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	KM1GW32	28-32	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	KM1GW44	40-44	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	KM1GW70	66-70	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
KM2	KM2GW21	17-21	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	KM2GW32	28-32	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	KM2GW44	40-44	6/26/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	KM2GW70	66-70	6/27/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
Kmart-HP-3	Kmart -HP-3-19930709	21-24	7/9/1993	(c)	0.8	NA	NA	NA	NA
Kragen's_B-1	Kragen's_B-1_10102002_10_ND	5-10	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
	Kragen's_B-1_10102002_29_ND	25-29	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
Kragen's_B-2	Kragen's_B-2_10102002_10_ND	5-10	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
	Kragen's_B-2_10102002_35_ND	31-35	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
Kragen's_B-3	Kragen's_B-3_10102002_10_ND	5-10	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
	Kragen's_B-3_10102002_30_ND	26-30	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
Kragen's_B-4	Kragen's_B-4_10102002_10_ND	5-10	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
	Kragen's_B-4_10102002_30_ND	26-30	10/10/2002	(c)	<5.0	<5.0	<5.0	NA	NA
LTB1	LTB1GW22	18-22	7/20/2017	(c, d, e)	1.01	<0.5	<0.5	<0.5	<0.5
	LTB1GW32	28-32	7/20/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB1GW45	41-45	7/20/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB1GW52	48-52	7/20/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB1GW74	70-74	7/20/2017	(c, d, e)	9.57	<0.5	<0.5	<0.5	<0.5
LTB2	LTB2GW22	18-22	7/19/2017	(c, d, e)	0.68	<0.5	<0.5	<0.5	<0.5
	LTB2GW32	28-32	7/19/2017	(c, d, e)	0.72	<0.5	<0.5	<0.5	<0.5
	LTB2GW39	35-39	7/19/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB2DUP	35-39	7/19/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB2GW49	45-49	7/19/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB2GW58	54-58	7/19/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
LTB3	LTB3GW22	18-22	7/19/2017	(c, d, e)	0.91	<0.5	<0.5	<0.5	<0.5
	LTB3GW32	28-32	7/19/2017	(c, d, e)	1.18	<0.5	<0.5	<0.5	<0.5
	LTB3GW45	41-45	7/19/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB3GW52	48-52	7/20/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB3GW74	70-74	7/20/2017	(c, d, e)	5.48	<0.5	<0.5	<0.5	<0.5
LTB4	LTB4GW22	18-22	7/18/2017	(c, d, e)	1.03	<0.5	<0.5	<0.5	<0.5
	LTB4DUP	18-22	7/18/2017	(c, d, e)	1.02	<0.5	<0.5	<0.5	<0.5
	LTB4GW28	24-28	7/18/2017	(c, d, e)	0.58	<0.5	<0.5	<0.5	<0.5
	LTB4GW39	35-39	7/18/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB4GW49	45-49	7/18/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTB4GW58	54-58	7/19/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LTLW-GW-1	LTLWGW1-14	10-14	1/9/2018	(b, c)	123 (a)	<1	<1	<1	<1
	LTLWGW1-26	22-26	1/9/2018	(b, c)	7.78	<0.5	<0.5	<0.5	<0.5
	LTLWGW1-45	41-45	1/9/2018	(b, c)	5.15	<0.5	<0.5	<0.5	<0.5
	LTLWGW1-63	59-63	1/9/2018	(b, c)	4.27	<0.5	<0.5	<0.5	<0.5
	LTLWGW1-75	71-75	1/9/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-2	LTLWGW2-11	7-11	1/4/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-18	14-18	1/4/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-33	29-33	1/4/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-50	46-50	1/4/2018	(b, c)	1.41	<0.5	<0.5	<0.5	<0.5
	LTLWGW2-76	72-76	1/4/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-3	LTLWGW3-14	10-14	1/9/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW3-26	22-26	1/9/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW3-45	41-45	1/9/2018	(b, c)	31.7	0.66	<0.5	<0.5	<0.5
	LTLWGW3-63	59-63	1/10/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW3-75	71-75	1/10/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-4	LTLWGW4-14	10-14	1/10/2018	(b, c)	3.15	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-26	22-26	1/10/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-26-DUP	22-26	1/10/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-45	41-45	1/10/2018	(b, c)	16.3	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-63	59-63	1/10/2018	(b, c)	0.62	<0.5	<0.5	<0.5	<0.5
	LTLWGW4-75	71-75	1/10/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-5	LTLWGW5-14	10-14	1/8/2018	(b, c)	5.68	<0.5	<0.5	<0.5	<0.5
	LTLWGW5-14-DUP	10-14	1/8/2018	(b, c)	6.67	<0.5	<0.5	<0.5	<0.5
	LTLWGW5-26	22-26	1/8/2018	(b, c)	7.27	<0.5	<0.5	<0.5	<0.5
	LTLWGW5-42	38-42	1/8/2018	(b, c)	15.7	<0.5	<0.5	<0.5	<0.5
	LTLWGW5-60	56-60	1/8/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW5-73	69-73	1/8/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-6	LTLWGW6-14	10-14	1/8/2018	(b, c)	6.38	0.7	0.64	<0.5	<0.5
	LTLWGW6-26	22-26	1/8/2018	(b, c)	0.62	<0.5	<0.5	<0.5	<0.5
	LTLWGW6-42	38-42	1/8/2018	(b, c)	0.56	<0.5	<0.5	<0.5	<0.5
	LTLWGW6-60	56-60	1/8/2018	(b, c)	0.55	<0.5	<0.5	<0.5	<0.5
	LTLWGW6-73	69-73	1/8/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-7	LTLWGW7-14	10-14	1/5/2018	(b, c)	1.27	<0.5	<0.5	<0.5	<0.5
	LTLWGW7-26	22-26	1/5/2018	(b, c)	3.61	<0.5	<0.5	<0.5	<0.5
	LTLWGW7-26-DUP	22-26	1/5/2018	(b, c)	3.48	<0.5	<0.5	<0.5	<0.5
	LTLWGW7-42	38-42	1/5/2018	(b, c)	28.6	0.53	<0.5	<0.5	<0.5
	LTLWGW7-60	56-60	1/5/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLWGW7-73	69-73	1/5/2018	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-8	LTLW-GW-8-26	22-26	10/2/2018	(d)	2.86	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-8-34	30-34	10/2/2018	(d)	3.39	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-8-46	42-46	10/2/2018	(d)	145	2.69	2.19	<1	<1
	LTLW-GW-8-62	58-62	10/2/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-8-76	72-76	10/2/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-9	LTLW-GW-9-26	22-26	10/3/2018	(d)	7.8	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-9-34	30-34	10/3/2018	(d)	16.1	1.06	0.67	<0.5	<0.5
	LTLW-GW-9-34-DUP	30-34	10/3/2018	(d)	16.3	1.06	0.64	<0.5	<0.5
	LTLW-GW-9-46	42-46	10/3/2018	(d)	503	8.37	6.4	<5.0	<5
	LTLW-GW-9-62	58-62	10/3/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-9-76	72-76	10/3/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-10	LTLW-GW-10-26	22-26	10/3/2018	(d)	10.7	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-10-26-DUP	22-26	10/3/2018	(d)	9.44	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-10-34	30-34	10/3/2018	(d)	23.2	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-10-46	42-46	10/3/2018	(d)	148	3.82	1.74	<1	<1
	LTLW-GW-10-61	57-61	10/3/2018	(d)	290	8.26	5.04	<2.5	<2.5
	LTLW-GW-10-74	70-74	10/3/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-11	LTLW-GW-11-26	22-26	10/4/2018	(d)	63.3	0.58	<0.5	<0.5	<0.5
	LTLW-GW-11-34	30-34	10/4/2018	(d)	596	29.2	18.1	<5	<5
	LTLW-GW-11-46	42-46	10/4/2018	(d)	1680	49.5	29.5	<10	<10
	LTLW-GW-11-60	56-60	10/4/2018	(d)	0.66	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-11-71	67-71	10/4/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-11-71-DUP	67-71	10/4/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-4
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Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LTLW-GW-12	LTLW-GW-12-26	22-26	10/4/2018	(d)	6.3	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-12-34	30-34	10/4/2018	(d)	11.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-12-46	42-46	10/4/2018	(d)	10.9	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-12-60	56-60	10/4/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-12-71	67-71	10/5/2018	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-13	LTLW-GW-13-18	14-18	3/13/2019	(d)	3.98	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-13-18-DUP	14-18	3/13/2019	(d)	3.62	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-13-29	25-29	3/13/2019	(d)	0.76	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-13-46	42-46	3/13/2019	(d)	14.1	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-13-62	58-62	3/13/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-13-76	72-76	3/13/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-14	LTLW-GW-14-18	14-18	3/12/2019	(d)	11.7	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-14-29	25-29	3/12/2019	(d)	3.40	<0.5	<0.5	<0.5	<0.5
	LTLW-GW14-46	42-46	3/12/2019	(d)	40.4	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-14-62	58-62	3/12/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-14-62-DUP	58-62	3/12/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-14-76	72-76	3/13/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-15	LTLW-GW-15-18	14-18	3/13/2019	(d)	7.79	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-15-29	25-29	3/13/2019	(d)	7.17	<0.5	0.92	<0.5	<0.5
	LTLW-GW-15-46	42-46	3/13/2019	(d)	94.4	<1	1.75	<1	<1
	LTLW-GW-15-62	58-62	3/13/2019	(d)	11.0	<0.5	<0.5	<0.5	<0.5
	LTLW-GW-15-76	72-76	3/13/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-16	GW-16-10	6-10	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-16-28	24-28	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-16-40	36-40	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-16-44	40-44	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-16-DUP	40-44	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-16-54	50-54	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-16-69	65-69	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-17	GW-17-10	6-10	4/23/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-17-28	24-28	4/23/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-17-40	36-40	4/23/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-17-44	40-44	4/23/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-17-54	50-54	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-17-69	65-69	4/24/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-18	GW-18-10	6-10	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-18-28	24-28	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-18-40	36-40	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-18-44	40-44	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-18-54	50-54	4/25/2019	(d)	0.640	<0.5	<0.5	<0.5	<0.5
	GW-18-69	65-69	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-19	GW-19-10	6-10	4/26/2019	(d)	4.18	<0.5	<0.5	<0.5	<0.5
	GW-19-20	16-20	4/26/2019	(d)	1.47	<0.5	<0.5	<0.5	<0.5
	GW-19-28	24-28	4/26/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-19-45	41-45	4/26/2019	(d)	7.98	<0.5	<0.5	<0.5	<0.5
	GW-19-63	59-63	4/26/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-19-73	69-73	4/26/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-20	GW-20-10	6-10	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-20-32	24-28	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-20-45	41-45	4/25/2019	(d)	14.2	<0.5	<0.5	<0.5	<0.5
	GW-20-52	48-52	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-20-74	70-74	4/25/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-21	GW-21-11	7-11	4/22/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-21-25	21-25	4/22/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-21-36	32-36	4/22/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-21-46	42-46	4/22/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-21-58	54-58	4/22/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-21-DUP	54-58	4/22/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
	GW-21-72	68-72	4/23/2019	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
LTLW-GW-GGW-1	LTLW_GW-1_10062003_22_2.4	22-22	10/6/2003	(c)	2.4	<0.5	0.55	NA	<0.50
LTLW-GW-GGW-2	LTLW_GW-2_10062003_24_200	24-24	10/6/2003	(c)	200	11	8.6	NA	<1.0
	LTLW_GW-2_10062003_44_15	44-44	10/6/2003	(c)	15	1.5	4.9	NA	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LTLW-GW-GGW-3	LTLW_GW-3_10062003_24_690	24-24	10/6/2003	(c)	690	48	150	NA	<2.5
	LTLW_GW-3_10062003_44_2	44-44	10/6/2003	(c)	2	<0.5	0.77	NA	<0.5
	LTLW_GW-3_10062003_44_dup	44-44	10/6/2003	(c)	2.2	<0.5	1.0	NA	<0.5
LTLW-GW-GGW-4	LTLW_GW-4_10062003_24_0.6	24-24	10/6/2003	(c)	0.6	<0.5	<0.5	NA	<0.5
	LTLW_GW-4_10062003_44_0.56	44-44	10/6/2003	(c)	0.56	<0.5	<0.5	NA	<0.5
LTLW-GW-GGW-5	LTLW_GW-5_10062003_24_560	24-24	10/6/2003	(c)	560	1.2	<0.5	NA	<0.5
	LTLW_GW-5_10062003_47_52	47-47	10/6/2003	(c)	52	0.84	<0.5	NA	<0.5
LTLW-GW-GGW-6	LTLW_GW-6_09152004_20_ND	20-20	9/15/2004	(c)	<0.5	<0.5	<0.5	NA	<0.5
	LTLW_GW-6_09152004_44_710	44-44	9/15/2004	(c)	710	9.3	11	NA	<2.5
LTLW-GW-GGW-7	LTLW_GW-7_09152004_18_21	18-18	9/15/2004	(c)	21	1	1.8	NA	<0.5
	LTLW_GW-7_09152004_44_230	44-44	9/15/2004	(c)	230	4.8	14	NA	<1
LTLW-GW-GGW-8	LTLW_GW-8_09142004_26_240	26-26	9/14/2004	(c)	240	32	74	NA	<1
	LTLW_GW-8_09142004_51_2.5	51-51	9/14/2004	(c)	2.5	<0.5	<0.5	NA	<0.5
LTLW-GW-GGW-9	LTLW_GW-9_04262005_20_1000	20-20	4/26/2005	(c)	1000	42	40	NA	<5.0
	LTLW_GW-9_04262005_44_1200	44-44	4/26/2005	(c)	1200	22	36	NA	<5.0
LTLW-GW-GGW-10	LTLW_GW-10-20_20050426	20-20	4/26/2005	(c)	20	1.6	2.1	NA	<0.5
LTLW-SB-1	LTLW_SB-1_09152004_27_6.7	27-27	9/15/2004	(c)	6.7	<0.5	<0.5	NA	<0.5
LTLW-SB-3	LTLW_SB-3_09152004_27_8.3	27-27	9/15/2004	(c)	8.3	<0.5	<0.5	NA	<0.5
LTLW-SB-4	LTLW_SB-4_09142004_26_1.3_DUP	26-26	9/14/2004	(c)	1.3	<0.5	<0.5	NA	<0.5
	LTLW_SB-4_09142004_26_1.4	26-26	9/14/2004	(c)	1.4	<0.5	<0.5	NA	<0.5
LTLW-SB-5	LTLW_SB-5_09142004_26_1.5	26-26	9/14/2004	(c)	1.5	1.1	1.6	NA	<0.5
NAPA-GP-1	NAPA_GP-1_01102002_20_48	20-20	1/10/2002	(c)	48	<1.0	2.7	NA	NA
	NAPA_GP-1_01102002_48_330	48-48	1/10/2002	(c)	330	<4.0	<4.0	NA	NA
NAPA-GP-2	NAPA_GP-2_01102002_20_97	20-20	1/10/2002	(c)	97	1	1.7	NA	NA
	NAPA_BH-2_11052003_24_ND	44-44	11/5/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-2_11052003_44_190	44-44	11/5/2003	(c)	190	5.4	NA	NA	NA
	NAPA_GP-2_01102002_48_1700	48-48	1/10/2002	(c)	1700	25	49	NA	NA
NAPA-GP-3	NAPA_GP-3_01102002_20_120	20-20	1/10/2002	(c)	120	2.5	4.1	NA	NA
	NAPA_BH-3_11052003_24_ND	24-24	11/5/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-3_11052003_44_210	44-44	11/5/2003	(c)	210	4.1	NA	NA	NA
	NAPA_GP-3_01102002_48_3000	48-48	1/10/2002	(c)	3000	53	95	NA	NA
NAPA-GP-4	NAPA_GP-4_01102002_20_130	20-20	1/10/2002	(c)	130	3.8	13	NA	NA
	NAPA_BH-4_11052003_24_ND	24-24	11/5/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-4_11052003_44_350	44-44	11/5/2003	(c)	350	12	NA	NA	NA
	NAPA_GP-4_01102002_48_1700	48-48	1/10/2002	(c)	1700	32	57	NA	NA
NAPA-GP-5	NAPA_BH-5_11052003_24_ND	24-24	11/5/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-5_11052003_44_94	44-44	11/5/2003	(c)	94	3.1	NA	NA	NA
NAPA-GP-6	NAPA_BH-6_11052003_24_ND	24-24	11/5/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-6_11052003_44_800	44-44	11/5/2003	(c)	800	17	NA	NA	NA
NAPA-GP-7	NAPA_BH-7_11062003_24_1.1	24-24	11/6/2003	(c)	1.1	<1.0	NA	NA	NA
	NAPA_BH-7_11062003_44_1300	44-44	11/6/2003	(c)	1300	29	NA	NA	NA
NAPA-GP-8	NAPA_BH-8_11062003_24_ND	24-24	11/6/2003	(c)	<1.0	<1.0	<1.0	NA	NA
	NAPA_BH-8_11062003_44_1300	44-44	11/6/2003	(c)	1300	28	58	NA	NA
NAPA-GP-9	NAPA_BH-9_11062003_24_ND	24-24	11/6/2003	(c)	<1.0	<1.0	<1.0	NA	NA
	NAPA_BH-9_11062003_44_1200	44-44	11/6/2003	(c)	1200	28	53	NA	NA
NAPA-GP-11	NAPA-GP-11_11072003_24_1.3	24-24	11/7/2003	(c)	1.3	<1.0	NA	NA	NA
	NAPA-GP-11_11072003_44_2200	44-44	11/7/2003	(c)	2200	55	NA	NA	NA
NAPA-GP-12	NAPA-GP-12_11072003_24_110	24-24	11/7/2003	(c)	110	7.9	NA	NA	NA
	NAPA-GP-12_11072003_44_1400	44-44	11/7/2003	(c)	1400	44	NA	NA	NA
NAPA-GP-13	NAPA-GP-13_11072003_24_3.7	24-24	11/7/2003	(c)	3.7	<1.0	NA	NA	NA
	NAPA_BH-13_11072003_44_760	44-44	11/7/2003	(c)	760	18	NA	NA	NA
NAPA-GP-14	NAPA_BH-14_11062003_24_ND	24-24	11/6/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-14_11062003_44_220	44-44	11/6/2003	(c)	220	22	NA	NA	NA

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Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

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					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
NAPA-GP-15	NAPA_BH-15_11062003_24_ND	24-24	11/6/2003	(c)	<1.0	<1.0	NA	NA	NA
	NAPA_BH-15_11062003_44_230	44-44	11/6/2003	(c)	230	6.1	NA	NA	NA
NAPA-GP-16	NAPA_BH-16_11062003_24	24-24	11/6/2003	(c)	2.1	<1.0	NA	NA	NA
	NAPA_BH-16_11062003_44_500	44-44	11/6/2003	(c)	500	14	NA	NA	NA
P1-1a	Clement_19970909_11.40 (P1-1a)	11-15	9/9/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-1b	Clement_19970909_12.90 (P1-1b)	11-15	9/9/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-1c	Clement_19970909_14.54 (P1-1c)	11-15	9/9/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-1d	Clement_19970909_12.70 (P1-1d)	11-15	9/9/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-1e	Clement_19970916_21.6 (P1-1e)	30-34	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-1f	Clement_19970916_27 (P1-1f)	43-47	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-2a	Tata #4_19970912_17.3 (P1-2a)	19-23	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-2c	Tata #4_19970912_21.8 (P1-2c)	19-23	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-2d	Tata #4_19970912_16.8(P1-2d)	18-22	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-2e	Tata #4_19970912_20.8 (P1-2e)	18-22	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-2f	Tata #4_19970912_22.75 ((P1-2f)	19-23	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-3	3 11/15_19970910	11-15	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-4	4 10.25/14.25_19970911	10-14	9/11/1997	(c)	3.1	0.7	3.4	3.4	NA
P1-5	5 5.4/9.4_19970911	5.4-9.4	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-6	6 6/10_19970911	6-10	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-7	7 7/11_19970911	7-11	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-8	8 6.7/10.7_19970911	6.7-10.7	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-9	9 9.5/13.5_19970912	9.5-13.5	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-10	10 6.6/10.6_19970915	6.6-10.6	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	101 6.6/10.6_19970915	6.6-10.6	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-11	11 11.5/15.5_19970909	11.5-15.5	9/9/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-12	12 11.25/15.25_19970910	11.25-15.25	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-13	13 14/18_19970913	14-18	9/13/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	131 14/18_19970913	14-18	9/13/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-14	14 9/13 _19970910	9-13	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-15	15 3.25/7.25_19970910	3.25-7.25	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-16	16 19.2/23.2_19970915	19.2-23.2	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-18	18 7.2/11.2_19970912	7.2-11.2	9/12/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-19	19 16.5/20.5_19970915	16.5-20.5	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-20	20 15/19_19970916d	15-19	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-21	21 19/23_19970915	19-23	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-22	22 18.5/22.5_19970915	18.5-22.5	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-23a	23a 15.2/19.2_19970915	15.2-19.2	9/15/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-23b	23b 19/23_19970915	19-23	9/15/1997	(c)	5.7	<0.5	<0.5	<0.5	NA
P1-24a	24a 16.3/20.3_19970911	16.3-20.3	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-24c	24c 5.8/9.8_19970910	5.8-9.8	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-24d	24d 3.3/7.3_19970910	3.3-7.3	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-24e	24e 10.5/11.5_19970911	10.5-11.5	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-25	25 15/19_19970916	15-19	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-26	26 7/11_19970910	7-11	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA

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Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
P1-27	27 3.4/7.4_19970910	3.4-7.4	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	27 20.3/24.3_19970916	20.3-24.3	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	271 20.3/24.3_19970916	20.3-24.3	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-28	28 9.5/13.5_19970910	9.5-13.5	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-29	29 13.3/17.3_19970911	13.3-13.5	9/11/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-121	121 11.3/15.3_19970910	11.3-15.3	9/10/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	121 27/31_19970916	27-31	9/16/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-201	201 35.7/37.7 19970930	5-5	9/30/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	201 35.7/37.7_19970930	35.7-37.7	9/30/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-202	202 35.35/37.35_19970930	35.35-37.35	9/30/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-203	203 11.5/13.5_19970930	11.5-13.5	9/30/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-205	205 20.25/22.25_19970930	20.25-22.25	9/30/1997	(c)	1	<0.5	<0.5	<0.5	NA
	2051 20.25/22.25_19970930	20.25-22.25	9/30/1997	(c)	1.5	<0.5	0.6	0.6	NA
P1-206	206 26.1/28.1_19970929	26.1-28.1	9/29/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-207	207 37/39_19970929	37-39	9/29/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
P1-217	217 10/14_19970930	10-14	9/30/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
	217 15.6/17.6_19970930	15.6-17.6	9/30/1997	(c)	<0.5	<0.5	<0.5	<0.5	NA
PL-16	895 Emerald Bay Rd_PL-16_06101999_	25-25	6/10/1999	(c)	ND	NA	NA	NA	NA
	895 Emerald Bay Rd_PL-16_06101999_	50-50	6/10/1999	(c)	25	NA	NA	NA	NA
	895 Emerald Bay Rd_PL-16_06101999_	80-80	6/10/1999	(c)	83	NA	NA	NA	NA
RA-01	Runnel's Automotive_ 2001_20_1.5	20-20	1/1/2001	(c)	1.5	NA	NA	NA	NA
	Runnel's Automotive_ 2001_40	40-40	1/1/2001	(c)	69	NA	NA	NA	NA
ROG	ROGGW29	25-29	7/7/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	ROGDUP	25-29	7/7/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	ROGGW45	41-45	7/7/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	ROGGW53	49-53	7/7/2017	(c, d, e)	0.78	<0.5	<0.5	<0.5	<0.5
	ROGGW73	69-73	7/7/2017	(c, d, e)	30.5	0.61	0.93	<0.5	<0.5
SB-01	SB-01-16-NS_20151029	16-16	10/29/2015	(c)	<0.5	NA	NA	NA	NA
SB-02	SB-02-16-NS_20151113	16-16	11/13/2015	(c)	<0.5	NA	NA	NA	NA
	SB-02-24-NS_20151113	24-24	11/13/2015	(c)	<0.5	NA	NA	NA	NA
SB-03	SB-03-24-FD_20151030	24-24	10/30/2015	(c)	<0.5	NA	NA	NA	NA
	SB-03-24-NS_20151030	24-24	10/30/2015	(c)	<0.5	NA	NA	NA	NA
	SB-03-32-NS_20151030	32-32	10/30/2015	(c)	<0.5	NA	NA	NA	NA
SB-04	SB-04-16-NS_20151112	16-16	11/12/2015	(c)	<0.5	NA	NA	NA	NA
	SB-04-18-NS_20151112	18-18	11/12/2015	(c)	<0.5	NA	NA	NA	NA
SB-05	SB-05-16-NS_20151028	16-16	10/28/2015	(c)	<0.5	NA	NA	NA	NA
	SB-05-24-NS_20151028	24-24	10/28/2015	(c)	<0.5	NA	NA	NA	NA
SB-06	SB-06-14-NS_20151030	14-14	10/30/2015	(c)	<0.5	NA	NA	NA	NA
	SB-06-24-NS_20151030	24-24	10/30/2015	(c)	<0.5	NA	NA	NA	NA
SB-07	SB-07-16-NS_20151028	16-16	10/28/2015	(c)	<0.5	NA	NA	NA	NA
	SB-07-26-NS_20151028	26-26	10/28/2015	(c)	<0.5	NA	NA	NA	NA
SB-08	SB-08-14-NS_20151112	14-14	11/12/2015	(c)	1.80	NA	NA	NA	NA
	SB-08-28-NS_20151112	28-28	11/12/2015	(c)	<0.5	NA	NA	NA	NA
SB-09	SB-09-16-FD_20151028	16-16	10/28/2015	(c)	1.40	NA	NA	NA	NA
	SB-09-16-NS_20151028	16-16	10/28/2015	(c)	1.20	NA	NA	NA	NA
	SB-09-24-NS_20151028	24-24	10/28/2015	(c)	<0.5	NA	NA	NA	NA
SB-10	SB-10-16-NS_20151028	16-16	10/28/2015	(c)	1.60	NA	NA	NA	NA
	SB-10-26-NS_20151028	26-26	10/28/2015	(c)	<0.5	NA	NA	NA	NA
SB-11	SB-11-12-NS_20151028	12-12	10/28/2015	(c)	<0.5	NA	NA	NA	NA
	SB-11-22-NS_20151028	22-22	10/28/2015	(c)	<0.5	NA	NA	NA	NA
SB-12	SB-12-12-NS_20151029	12-12	10/29/2015	(c)	<0.5	NA	NA	NA	NA
	SB-12-22-NS_20151029	22-22	10/29/2015	(c)	<0.5	NA	NA	NA	NA
SB-13	SB-13-16-NS_20151027	16-16	10/27/2015	(c)	<0.5	NA	NA	NA	NA
	SB-13-26-NS_20151027	26-26	10/27/2015	(c)	<0.5	NA	NA	NA	NA

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SB-14	SB-14-20-FD_20151027	20-20	10/27/2015	(c)	<0.5	NA	NA	NA	NA
	SB-14-20-NS_20151027	20-20	10/27/2015	(c)	<0.5	NA	NA	NA	NA
	SB-14-30-NS_20151027	30-30	10/27/2015	(c)	<0.5	NA	NA	NA	NA
SB-15	SB-15-20-NS_20151027	20-20	10/27/2015	(c)	<0.5	NA	NA	NA	NA
	SB-15-30-NS_20151027	30-30	10/27/2015	(c)	<0.5	NA	NA	NA	NA
SB-16	SB-16-20-NS_20151026	20-20	10/26/2015	(c)	<0.5	NA	NA	NA	NA
	SB-16-30-NS_20151026	30-30	10/26/2015	(c)	<0.5	NA	NA	NA	NA
SB-17	SB-17-20-NS_20151026	20-20	10/26/2015	(c)	<0.5	NA	NA	NA	NA
	SB-17-30-NS_20151026	30-30	10/26/2015	(c)	<0.5 UJ	NA	NA	NA	NA
SB-18	SB-18-12-NS_20151029	12-12	10/29/2015	(c)	<0.5 UJ	NA	NA	NA	NA
SB-19	SB-19-26-NS_20151026	26-26	10/26/2015	(c)	<0.5 UJ	NA	NA	NA	NA
	SB-19-36-NS_20151026	36-36	10/26/2015	(c)	0.6	NA	NA	NA	NA
SB-20	SB-20-32-NS_20151113	32-32	11/13/2015	(c)	<0.5	NA	NA	NA	NA
	SB-20_1999_20	20-20	1/1/1999	(c)	10.5	NA	NA	NA	NA
	SB-20_1999_40	40-40	1/1/1999	(c)	50.5	NA	NA	NA	NA
	SB-20_1999_80	80-80	1/1/1999	(c)	1.94	NA	NA	NA	NA
SB-21	SB-21-20-FD_20151112	20-20	11/12/2015	(c)	<0.5	NA	NA	NA	NA
	SB-21-20-NS_20151112	20-20	11/12/2015	(c)	<0.5	NA	NA	NA	NA
	SB-21-32-NS_20151112	32-32	11/12/2015	(c)	3	NA	NA	NA	NA
SB-22	SB-22-20-NS_20151113	20-20	11/13/2015	(c)	<0.5	NA	NA	NA	NA
	SB-22-32-NS_20151113	32-32	11/13/2015	(c)	<0.5	NA	NA	NA	NA
SONIC01	SONIC01-WG-001N-113	113-115	6/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC01-WG-002N-126	126-128	6/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC01-WG-003N-143	143-145	6/18/2019	(c)	<0.5	<1	<1	<1	<1
	SONIC01-WG-004N-183	183-185	6/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC01-WG-006N-233	233-235	6/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC01-WG-007N-253	253-255	6/20/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC01-WG-007FD-253	253-255	6/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC01-WG-008N-273	273-275	6/20/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC02	SONIC02-WG-011N-76	76-78	6/24/2019	(c)	63	0.6	0.3	<0.5	<0.5
	SONIC02-WG-012N-90	90-92	6/24/2019	(c)	91	1.5	1.6	<0.5	<0.5
	SONIC02-WG-013N-123	123-125	6/25/2019	(c)	10	0.1	0.1	<0.5	<0.5
	SONIC02-WG-014N-163	163-165	6/25/2019	(c)	50	0.9	1.3	<0.5	<0.5
	SONIC02-WG-015N-183	183-185	6/25/2019	(c)	34	0.6	0.9	<0.5	<0.5
	SONIC02-WG-015FD-183	183-185	6/25/2019	(c)	34	0.6	0.8	<0.5	<0.5
	SONIC02-WG-016N-213	213-215	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC02-WG-017N-243	243-245	6/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC03	SONIC03-WG-021N-50	50-52	7/1/2019	(c)	4.9	0.1	0.2	<0.5	<0.5
	SONIC03-WG-022N-70	70-70	7/1/2019	(c)	71	1.1	0.6	<0.5	<0.5
	SONIC03-WG-023N-110	110-110	7/1/2019	(c)	44	0.8	0.7	<0.5	<0.5
	SONIC03-WG-024N-140	140-140	7/3/2019	(c)	40	0.7	0.3	<0.5	<0.5
	SONIC03-WG-025N-178	178-178	7/3/2019	(c)	18	0.3	0.4	<0.5	<0.5
	SONIC03-WG-025FD-178	178-178	7/3/2019	(c)	17	0.3	0.4	<0.5	<0.5
	SONIC03-WG-026N-213	213-215	7/8/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC03-WG-027N-243	243-245	7/8/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC04	SONIC04-WG-031N-148	148-150	7/12/2019	(c)	9.1	<0.5	<0.5	<0.5	<0.5
	SONIC04-WG-032N-163	163-165	7/12/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	SONIC04-WG-033N-173	173-175	7/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC04-WG-034N-248	248-250	7/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC04-WG-035N-288	288-290	7/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC05	SONIC05-WG-041FD-93	93-95	7/29/2019	(c)	7.3	<0.5	<0.5	<0.5	<0.5
	SONIC05-WG-041N-93	93-95	7/29/2019	(c)	6.8	<0.5	<0.5	<0.5	<0.5
	SONIC05-WG-042N-123	123-125	7/29/2019	(c)	36	0.6	1.1	<0.5	<0.5
	SONIC05-WG-043N-138	138-140	7/30/2019	(c)	58	1	1.7	0.1 J	<0.5
	SONIC05-WG-044N-168	168-170	7/30/2019	(c)	<0.5	<170	NA	<0.5	53
	SONIC05-WG-045N-183	183-185	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC05-WG-046N-213	213-215	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC05-WG-047N-243	243-245	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC05-WG-048N-273	273-275	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC05-WG-049N-303	303-305	7/31/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SONIC06	SONIC06-WG-051N-63	63-65	7/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-052N-103	103-105	7/18/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-053FD-143	143-145	7/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-053N-143	143-145	7/19/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-054N-183	183-185	7/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-055N-203	203-205	7/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-056N-223	223-225	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-057N-243	243-245	7/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC06-WG-058N-283	283-285	7/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC07	SONIC07-WG-125N-93	93-95	8/5/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-126FD-133	133-135	8/5/2019	(c)	0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-126N-133	133-135	8/5/2019	(c)	0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-127N-148	148-150	8/6/2019	(c)	1.1	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-128N-163	163-165	8/6/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-129N-178	178-180	8/7/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-130N-213	213-215	8/7/2019	(c)	0.3	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-131N-243	243-245	8/7/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-132N-273	273-275	8/7/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC07-WG-133N-303	303-305	8/7/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC08	SONIC08-WG-085N-103	103-105	8/22/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-086N-123	123-125	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-087N-163	163-165	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-088FD-183	183-185	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-088N-183	183-185	8/26/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-089N-213	213-215	8/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-090N-243	243-245	8/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-091N-273	273-275	8/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC08-WG-092N-305	305-307	8/27/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC09	SONIC09-WG-095N-113	113-115	8/13/2019	(c)	26	0.3	<0.5	<0.5	<0.5
	SONIC09-WG-096N-133	133-135	8/14/2019	(c)	30	0.5	0.4	<0.5	<0.5
	SONIC09-WG-097N-153	153-155	8/14/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	SONIC09-WG-097FD-153	153-155	8/14/2019	(c)	0.7	<0.5	<0.5	<0.5	<0.5
	SONIC09-WG-098N-173	173-175	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC09-WG-099N-193	193-195	8/14/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC09-WG-100N-233	233-235	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC09-WG-101N-263	263-265	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC09-WG-102N-303	303-305	8/15/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC10	SONIC10-WG-105N-103	103-105	8/29/2019	(c)	50	0.6	0.5	<0.5	<0.5
	SONIC10-WG-106N-123	123-125	8/29/2019	(c)	550	6.4	9	<0.5	<1.7
	SONIC10-WG-107N-143	143-145	8/29/2019	(c)	230	5.2	8	<0.5	<1.3
	SONIC10-WG-108N-163	163-165	8/30/2019	(c)	260	5	8.1	0.5 J	<1
	SONIC10-WG-109N-183	183-185	8/30/2019	(c)	0.6	<0.5	<0.5	<0.5	<0.5
	SONIC10-WG-110N-213	213-215	9/3/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC10-WG-110FD-213	213-215	9/3/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC10-WG-111N-273	273-275	9/3/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC10-WG-112N-303	303-305	9/3/2019	(c)	<0.5	<0.5	<0.5	<0.5	0.2
SONIC11	SONIC11-WG-115N-113	113-115	9/9/2019	(c)	8.5	<0.5	<0.5	<0.5	<0.5
	SONIC11-WG-116N-133	133-135	9/9/2019	(c)	8.1	<0.5	<0.5	<0.5	<0.5
	SONIC11-WG-117N-153	153-155	9/10/2019	(c)	1.9	<0.5	<0.5	<0.5	<0.5
	SONIC11-WG-117FD-153	153-155	9/10/2019	(c)	1.6	<0.5	<0.5	<0.5	<0.5
	SONIC11-WG-118N-173	173-175	9/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC11-WG-119N-193	193-195	9/10/2019	(c)	1	<0.5	<0.5	<0.5	<0.5
	SONIC11-WG-120N-215	215-217	9/10/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
SONIC12	SONIC12-WG-135N-113	113-115	9/13/2019	(c)	9.6	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-136N-133	133-135	9/13/2019	(c)	0.7	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-137N-153	153-155	9/13/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-138N-173	173-175	9/16/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-138FD-173	173-175	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-139N-223	223-225	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-140N-253	253-255	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC12-WG-141N-283	283-285	9/17/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SONIC13	SONIC13-WG-170N-93	93-95	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-171N-113	113-115	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-172N-133	133-135	9/23/2019	(c)	0.2	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-173N-153	153-155	9/23/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-174N-163	163-165	9/24/2019	(c)	<0.5	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-175N-183	183-185	9/24/2019	(c)	3.6	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-176N-203	203-205	9/24/2019	(c)	0.9	<0.5	<0.5	<0.5	<0.5
	SONIC13-WG-177N-223	223-225	9/24/2019	(c)	4.9	<0.5	<0.5	<0.5	<0.5
SONIC14	SONIC14-WG-001N-005	5-9	7/14/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC14-WG-002N-061	61-63	7/14/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC14-WG-003N-081	81-85	7/14/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC14-WG-004N-111	111-115	7/14/2020	(c)	26	<0.5	<0.5	<0.5	<1
	SONIC14-WG-401N-142	142-145	7/16/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC14-WG-005N-221	221-225	7/16/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC14-WG-005FD-221	221-225	7/16/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC14-WG-006N-316	316-320	7/16/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC15	SONIC15-WG-007N-036	36-40	7/21/2020	(c)	1	<0.5	<0.5	<0.5	<1
	SONIC15-WG-008N-071	71-74	7/21/2020	(c)	320	0.56	0.49	<0.5	<1
	SONIC15-WG-009N-116	116-120	7/21/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC15-WG-010N-136	136-140	7/21/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC15-WG-011N-186	186-190	7/22/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC15-WG-012N-246	246-250	7/22/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC16	SONIC16-WG-014N-053	53-55	8/28/2020	(c)	47	0.25	<0.5	<0.5	<1
	SONIC16-WG-015N-073	73-75	8/28/2020	(c)	75	<0.5	<0.5	<0.5	<1
	SONIC16-WG-013N-091	91-93	8/31/2020	(c)	9.6	<0.5	<0.5	<0.5	<1
	SONIC16-WG-013FD-091	91-93	8/31/2020	(c)	10	<0.5	<0.5	<0.5	<1
	SONIC16-WG-016N-133	133-135	8/31/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC16-WG-017N-173	173-175	9/2/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC16-WG-018N-223	223-225	9/1/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC17	SONIC17-WG-019N-018	18-20	7/30/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC17-WG-020N-031	31-35	7/30/2020	(c)	1.5	<0.5	<0.5	<0.5	<1
	SONIC17-WG-021N-083	83-85	7/30/2020	(c)	5.4	<0.5	<0.5	<0.5	<1
	SONIC17-WG-022N-098	98-100	7/31/2020	(c)	5.3	<0.5	<0.5	<0.5	<1
	SONIC17-WG-023N-138	138-140	7/31/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC17-WG-024N-198	198-200	8/3/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC17-WG-403N-223	223-225	8/3/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC18	SONIC18-WG-025N-071	71-75	8/5/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC18-WG-026N-096	96-100	8/5/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC18-WG-027N-161	161-165	8/6/2020	(c)	0.59	<0.5	<0.5	<0.5	<1
	SONIC18-WG-028N-211	211-215	8/6/2020	(c)	0.32	<0.5	<0.5	<0.5	<1
	SONIC18-WG-029N-241	241-245	8/7/2020	(c)	0.97	<0.5	<0.5	<0.5	<1
SONIC19	SONIC19-WG-031N-013	13-15	8/10/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC19-WG-032N-021	21-25	8/11/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC19A	SONIC19A-WG-033N-063	63-65	8/19/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC19A-WG-034N-083	83-85	8/19/2020	(c)	140	2.2	2.2	<0.5	<1
	SONIC19A-WG-035N-103	103-105	8/19/2020	(c)	3.4	<0.5	<0.5	<0.5	<1
	SONIC19A-WG-405N-123	123-125	8/24/2020	(c)	3.8	<0.5	<0.5	<0.5	<1
	SONIC19A-WG-406N-203	203-205	8/25/2020	(c)	1.4	<0.5	<0.5	<0.5	<1
	SONIC19A-WG-406FD-203	203-205	8/25/2020	(c)	1.7	<0.5	<0.5	<0.5	<1
	SONIC19A-WG-407N-248	248-250	8/26/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC20	SONIC20-WG-037N-033	33-35	8/4/2020	(c)	0.38	<0.5	<0.5	<0.5	<1
	SONIC20-WG-038N-063	63-65	8/4/2020	(c)	88	1.8	1.7	<0.5	<1
	SONIC20-WG-038FD-063	63-65	8/4/2020	(c)	120	1.9	1.7	<0.5	<1
	SONIC20-WG-039N-078	78-80	8/4/2020	(c)	160	2.1	1.6	<0.5	<1
	SONIC20-WG-040N-168	168-170	8/5/2020	(c)	2	<0.5	<0.5	<0.5	<1
	SONIC20-WG-041N-203	203-205	8/6/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC20-WG-042N-248	248-250	8/6/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC21	SONIC21-WG-043N-037	37-40	8/12/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC21-WG-044N-078	78-80	8/12/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC21-WG-045N-094	94-95	8/12/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC21-WG-046N-168	168-170	8/13/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC21-WG-047N-183	183-185	8/13/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC21-WG-048N-248	248-250	8/14/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1

TABLE C-4
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Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L) (a)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SONIC22	SONIC22-WG-049N-041	41-45	7/27/2020	(c)	15	0.46	<0.5	<0.5	<1
	SONIC22-WG-050N-051	51-55	7/27/2020	(c)	15	0.36	<0.5	<0.5	<1
	SONIC22-WG-051N-072	72-75	7/27/2020	(c)	15	0.4	<0.5	<0.5	<1
	SONIC22-WG-051FD-072	72-75	7/27/2020	(c)	15	0.43	<0.5	<0.5	<1
	SONIC22-WG-052N-087	87-90	7/27/2020	(c)	2.7	<0.5	<0.5	<0.5	<1
	SONIC22-WG-053N-121	121-125	7/28/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC22-WG-054N-156	156-160	7/28/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
	SONIC22-WG-402N-253	253-255	7/28/2020	(c)	<0.5	<0.5	<0.5	<0.5	<1
SONIC5A	SONIC5A-WG-N-148	148-150	8/21/2019	(c)	78	1.7	2.9	0.2 J	<0.5
	SONIC5A-WG-N-168	168-170	8/21/2019	(c)	0.1	<0.5	<0.5	<0.5	<0.5
South Y Shell	South Y Shell_20_2001_20_18	20-20	1/1/2001	(c)	18	NA	NA	NA	NA
	South Y Shell_40_2001_40_9	40-40	1/1/2001	(c)	9	NA	NA	NA	NA
SSM-HP-1	South Shore Motors_HP-1_25_ND	25-25	3/30/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-1_70_ND	70-70	3/30/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-2	South Shore Motors_HP-2_27_ND	27-27	3/31/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-2_57_ND	57-57	3/31/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-3	South Shore Motors_HP-3_30_ND	30-30	3/30/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-3_70_ND	70-70	3/30/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-4	South Shore Motors_HP-4_80_ND	80-80	4/6/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-5	South Shore Motors_HP-5_25_ND	25-25	4/20/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-5_50_ND	50-50	4/20/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-6	South Shore Motors_HP-6_25_ND	25-25	4/20/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-6_050_ND	50-50	4/20/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-7	South Shore Motors_HP-7_25_ND	25-25	4/21/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-7_50_ND	50-50	4/21/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-HP-8	South Shore Motors_HP-8_25_ND	25-25	4/21/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_HP-8_50_ND	50-50	4/21/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-SB-1	South Shore Motors_SB-1_25_ND	25-25	10/13/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-1_80_ND	80-80	10/14/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-1_120_ND	120-120	10/18/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-SB-2	South Shore Motors_SB-2_25_ND	25-25	10/21/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-2_80_1.7	80-80	10/21/1999	(c)	1.7	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-2_114_1.1	114-114	10/22/1999	(c)	1.1	<1.0	<1.0	NA	<1.0
SSM-SB-3	South Shore Motors_SB-3_25_ND	25-25	10/13/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-3_80_1.7	80-80	10/13/1999	(c)	1.7	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-3_120_ND	120-120	10/14/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-SB-4	South Shore Motors_SB-4_25_ND	25-25	10/19/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-4_80_1.1	80-80	10/20/1999	(c)	1.1	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-4_114_ND	114-114	10/20/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
SSM-SB-5	South Shore Motors_SB-5_25_ND	25-25	10/14/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-5_80_2.5	80-80	10/19/1999	(c)	2.5	<1.0	<1.0	NA	<1.0
	South Shore Motors_SB-5_112_ND	112-112	10/19/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
Stage-SBT-1	Stage-SBT-1, 1/15/1999	5.65-5.65	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
Stage-SBT-2	Stage-SBT-2, 1/15/1999	8.13-8.13	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
Stage-SBT-3	Stage-SBT-3, 1/15/1999	12.52-12.52	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
Stage-SBT-4	Stage-SBT-4, 1/15/1999	6.64-6.4	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
Stage-SBT-5	Stage-SBT-5, 1/15/1999	6.74-6.74	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
Stage-SBT-6	Stage-SBT-6, 1/15/1999	5.01-5.01	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
	Stage-SBT-7, 1/15/1999 (dup SBT-6)	5.01-5.01	1/15/1999	(c)	<1.0	<1.0	<1.0	NA	<1.0
STH-1	South Tahoe High School_19980506	37.5-37.5	5/6/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5

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					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
STHS-PL-1	PL-1-16, 4/21/1999	16-16	4/21/1999	(c)	<0.5	<0.5	<0.5	NA	<0.5
	PL-1-41, 4/21/1999	41-41	4/21/1999	(c)	<0.5	<0.5	<0.5	NA	<0.5
STHS-PL-2	PL-2-12, 4/21/1999	12-12	4/21/1999	(c)	<0.5	<0.5	<0.5	NA	<0.5
	PL-2-36, 4/21/1999	36-36	4/21/1999	(c)	<0.5	<0.5	<0.5	NA	<0.5
STHS-PL-3	PL-3-41, 4/21/1999	41-41	4/21/1999	(c)	<0.5	<0.5	<0.5	NA	<0.5
TA-B-1	TA-B1-19950207	23-23	2/7/1995	(c)	18	NA	NA	NA	NA
TA-B-2	TA-B2-19950207	29-29	2/7/1995	(c)	5.6	NA	NA	NA	NA
TA-B-3	TA-B3-19950207	35-35	2/7/1995	(c)	1	NA	NA	NA	NA
TATA	TATAGW28	24-28	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	TATAGW48	44-48	7/6/2017	(c, d, e)	4.34	<0.5	<0.5	<0.5	<0.5
	TATAGW64	60-64	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	TATAGW74	70-74	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	TATADUP	70-74	7/6/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
TCI_GP-1	TCI_GP-1_01242001_45_130	45-45	1/24/2001	(c)	130	<5.0	<5.0	NA	<10
TCI_GP-2	TCI_GP-2_01252001_24_ND	24-24	1/25/2001	(c)	<5.0	<5.0	<5.0	NA	<10
TCI_GP-3	TCI_GP-3_01252001_24_ND	24-24	1/25/2001	(c)	<5.0	<5.0	<5.0	NA	<10
TCI_GP-4	TCI_GP-4_01252001_20_ND	20-20	1/25/2001	(c)	<5.0	<5.0	<5.0	NA	<10
TCI_HA-1	TCI_HA-1_01242001_12_ND	12-12	1/24/2001	(c)	<5.0	<5.0	<5.0	NA	<10
TCI_HP-1	TCI_HP-1_02242000_15_ND	15-15	2/24/2000	(c)	ND	NA	NA	NA	NA
	TCI_HP-1_02242000_50_130	50-50	2/24/2000	(c)	130	NA	NA	NA	NA
	TCI_HP-1_02242000_80_190	80-80	2/24/2000	(c)	190	NA	NA	NA	NA
TCI_HP-2	TCI_HP-2_01242001_15_ND	15-15	1/24/2001	(c)	<5.0	<5.0	<5.0	NA	<10
	TCI_HP-2_01242001_50_430	50-50	1/24/2001	(c)	430	<50	<50	NA	<100
	TCI_HP-2_02222000_80_57	80-80	2/22/2000	(c)	57	NA	NA	NA	NA
TCI_HP-3	TCI_HP-3_01242001_12_ND	12-12	1/24/2001	(c)	<5.0	<5.0	<5.0	NA	<10
	TCI_HP-3_01242001_50_73	50-50	1/24/2001	(c)	73	<5.0	<5.0	NA	<10
	TCI_HP-3_02222000_80_28	80-80	2/22/2000	(c)	28	NA	NA	NA	NA
TCI_HP-4	TCI_HP-4_02222000_15_ND	15-15	2/22/2000	(c)	ND	NA	NA	NA	NA
	TCI_HP-4_01232001_50_69	50-50	1/23/2001	(c)	260	<25	<25	NA	<50
	TCI_HP-4_02242000_80_ND	80-80	2/24/2000	(c)	69	NA	NA	NA	NA
TCI_HP-5	TCI_HP-5_01232001_10_ND	10-10	1/23/2001	(c)	<5.0	<5.0	<5.0	NA	<10
	TCI_HP-5_01232001_50_ND	50-50	1/23/2001	(c)	<5.0	<5.0	<5.0	NA	<10
	TCI_HP-5_01232001_80_ND	80-80	1/23/2001	(c)	<5.0	<5.0	<5.0	NA	<10
TCI_HP-6	TCI_HP-6_01222001_10_ND	10-10	1/22/2001	(c)	<5.0	<5.0	<5.0	NA	<10
	TCI_HP-6_01222001_50_ND	50-50	1/22/2001	(c)	100	<5.0	<5.0	NA	<10
	TCI_HP-6_01222001_80_ND	80-80	1/22/2001	(c)	<5.0	<5.0	<5.0	NA	<10
TEN	TENGW29	25-29	6/23/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	TENGW45	41-45	6/23/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	TENGW53	49-53	6/23/2017	(c, d, e)	<0.5	<0.5	<0.5	<0.5	<0.5
	TENGW73	69-73	6/23/2017	(c, d, e)	22	<0.5	<0.5	<0.5	<0.5
TLM-1	Baker Auto Bill Winks Motor_1_2001_57	57-57	1/1/2001	(c)	4.5	NA	NA	NA	NA
TLM-2	Baker Auto Bill Winks Motor_2_2001_50	50-50	1/1/2001	(c)	4.7	NA	NA	NA	NA
	Baker Auto Bill Winks Motor_2_2001_80	80-80	1/1/2001	(c)	1.6	NA	NA	NA	NA
WA-1	Welcomes Autobody_19980501	15-15	5/1/1998	(c)	<0.5	<0.5	<0.5	NA	<0.5

TABLE C-4
SUMMARY OF ANALYTICAL RESULTS FOR GRAB GROUNDWATER SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Abbreviations:

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
AECOM - AECOM Technical Services, Inc.
bgs - below ground surface
cis-1,2-DCE - cis-1,2-dichloroethene
DUP - duplicate
EKI - EKI Environment & Water, Inc.
J - estimated value
NA - not applicable or available
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
PES - PES Environmental, Inc.
TCE - trichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene
µg/L - micrograms per liter

Notes:

(a) Where applicable, analytes not provided in data reference document were obtained directly from Geotracker in March 2026.
(b) The following sample location names have a prefix of "LTLW_" on figures:
5E, DUN1, DUN2, FIF, J1 to J6, KM1, KM2, LTB1 to LTB4, ROG, TATA, and TEN.
(c) AECOM, 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019-2020 Field Season,* 10 June 2022.
(d) EKI, 2019. *Investigation Summary Report, Former Lake Tahoe Laundry Works* , EKI Environment & Water, Inc., 1 April 2019.
(e) EKI, 2017. *Off-Site Groundwater Investigation Data Report* , South Y Area, South Lake Tahoe, California, 30 August 2017.
(f) Geo-Logic, 2025. *High Resolution Site Characterization (Task 2.4) Technical Memorandum, South Lake Tahoe, California,* 25 August 2025.
(g) AECOM, 2024. *2023 Groundwater Data Gap Investigation Summary Report- South Lake Tahoe "Y" PCE Plume,* 15 January 2024.
(h) Geosyntec Consultants, Inc. 2026, *Site Investigation Report, Former Big O Tires Facility, 1961 Lake Tahoe Boulevard, South Lake Tahoe, California,* 30 June 2026.

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
CL-1	Clement Well Site_CL-1_10252017	104.38-114.38	10/25/2017	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement Well Site_CL-1_05172017		5/17/2017	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement Well Site_CL-1_12282016		12/28/2016	(a)	<0.5	<0.5	<0.5	NA	NA
	CL1GW110897_19971108		11/8/1997	(a)	8.3	<0.5	<0.5	NA	NA
	CL1GW103097_19971030		10/30/1997	(a)	8.3	<1.0	<1.0	NA	NA
CL-2	CL-2_20190206	69.4-79.4	2/6/2019	(a)	1.85	<0.5	<0.5	NA	<0.5
	CL2GW103097_19971030		10/30/1997	(a)	1.5	<1.0	<1.0	NA	NA
CL-3	CL-3_20190206	39.07-49.07	2/6/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	CL-3_20190206-DUP		2/6/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	CL3GW103097_19971030		10/30/1997	(a)	<1.0	<1.0	<1.0	NA	NA
CP-MW-1	MW @ Campora Gas_19980507	2-2.1	5/7/1998	(a)	26	<0.5	<0.5	NA	<0.5
	MW @ Campora Gas 19970917	16.85-16.85	9/17/1997	(a)	24	0.7	<0.5	NA	NA
ED-MW-1	Ed_MW-1_20010613	41.3-41.3	6/13/2001	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_20000601		6/1/2000	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990921		9/21/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990702		7/2/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990611		6/11/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990511		5/11/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990315		3/15/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990216		2/16/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-1_19990114		1/14/1999	(a)	ND	NA	NA	NA	NA
ED-MW-2	Ed_MW-2_20000601	19.9-19.9	6/1/2000	(a)	4.3	NA	NA	NA	NA
	Ed_MW-2_19991215		12/15/1999	(a)	2.5	NA	NA	NA	NA
	Ed_MW-2_19990921		9/21/1999	(a)	1.1	NA	NA	NA	NA
	Ed_MW-2_19990702		7/2/1999	(a)	2.9	NA	NA	NA	NA
	Ed_MW-2_19990611		6/11/1999	(a)	3.2	NA	NA	NA	NA
	Ed_MW-2_19990511		5/11/1999	(a)	2.2	NA	NA	NA	NA
	Ed_MW-2_19990315		3/15/1999	(a)	3.6	NA	NA	NA	NA
	Ed_MW-2_19990216		2/16/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-2_19990114		1/14/1999	(a)	ND	NA	NA	NA	NA
ED-MW-3	Ed_MW-3_20010613	17.88-17.88	6/13/2001	(a)	ND	NA	NA	NA	NA
	Ed_MW-3_19990315		3/15/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-3_19990216		2/16/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-3_19990114		1/14/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-3_19981216		12/16/1998	(a)	ND	NA	NA	NA	NA
	Ed_MW-3_19981119		11/19/1998	(a)	ND	NA	NA	NA	NA
	Ed_MW-3_19981013		10/13/1998	(a)	ND	NA	NA	NA	NA
ED-MW-4	Ed_MW-4_20010613	46.3-46.3	6/13/2001	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990921		9/21/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990702		7/2/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990611		6/11/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990511		5/11/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990315		3/15/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990216		2/16/1999	(a)	ND	NA	NA	NA	NA
	Ed_MW-4_19990114		1/14/1999	(a)	ND	NA	NA	NA	NA
HZL-MW-1	MW-1_20080930	9-24	9/30/2008	(a)	<1.0	NA	NA	NA	NA
	MW-1_20080630		6/30/2008	(a)	<1.0	NA	NA	NA	NA
	MW-1_20080319		3/19/2008	(a)	<1.0	NA	NA	NA	NA
	MW-1_20071115		11/15/2007	(a)	<1.0	NA	NA	NA	NA
HZL-MW-2	MW-2_20071115	9-24	11/15/2007	(a)	39	NA	NA	NA	NA
HZL-MW-3	Shallow Groundwater	9-24	10/28/2025	(e)	0.44 J	<0.085	<0.085	<0.15	<0.12
	Shallow Groundwater		7/28/2025	(e)	0.27 J	<0.085	<0.085	<0.15	<0.12
	HMW-3_20170627		6/27/2017	(a)	1.0	<0.5	<0.5	NA	NA
	HMW-3_20161012		10/12/2016	(a)	2.3	<0.5	<0.5	NA	NA
	516 RB 6026 Hanzel-N_20151030		10/30/2015	(a)	1.9	NA	NA	NA	NA
	MW-3_20080930		9/30/2008	(a)	54	NA	NA	NA	NA
	MW-3_20080630		6/30/2008	(a)	<1.0	NA	NA	NA	NA
	MW-3_20080319		3/19/2008	(a)	<1.0	NA	NA	NA	NA
	MW-3_20071115		11/15/2007	(a)	6.5	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
HZL-MW-4	Shallow Groundwater	9-24	10/29/2025	(e)	60	0.77	<0.085	<0.15	<0.12
	Shallow Groundwater		7/28/2025	(e)	53	0.76	<0.085	<0.15	<0.12
	HMW-4_20170628		6/28/2017	(a)	9.1	<0.5	<0.5	NA	NA
	HMW-4_20161012		10/12/2016	(a)	11	<0.5	<0.5	NA	NA
	415RB6003_20140813		8/13/2014	(a)	81	2.6	0.73	NA	<0.5
	MW-4_20080930		9/30/2008	(a)	1300	NA	NA	NA	NA
	MW-4_20080630		6/30/2008	(a)	600	NA	NA	NA	NA
	MW-4_20080319		3/19/2008	(a)	1000	NA	NA	NA	NA
	MW-4_20071115		11/15/2007	(a)	690	NA	NA	NA	NA
HZL-MW-5	Shallow Groundwater	9-24	10/30/2025	(e)	2.9	<0.085	<0.085	<0.15	<0.12
	Shallow Groundwater		7/28/2025	(e)	7.5	<0.085	<0.085	<0.15	<0.12
	HMW-5_20170626		6/26/2017	(a)	4.2	<0.5	<0.5	NA	NA
	HMW-5_20160928		9/28/2016	(a)	9.5	<0.5	<0.5	NA	NA
	MW-5_20080930		9/30/2008	(a)	400	NA	NA	NA	NA
	MW-5_20080630		6/30/2008	(a)	57	NA	NA	NA	NA
	MW-5_20080319		3/19/2008	(a)	110	NA	NA	NA	NA
Kmart-MW-5	Kmart -MW-5-19950412	17-32	4/12/1995	(a)	0.68	NA	NA	NA	NA
LW-MW-1S		15-25	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(a)	0.62	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	3.38	0.5	1.06	<0.5	<0.5
			3/26/2025	(b)	0.61	<0.5	<0.5	<0.5	<0.5
	Duplicate		1/2/2025	(b)	1.48	<0.5	0.72	<0.5	<0.5
			1/2/2025	(b)	1.37	<0.5	0.73	<0.5	<0.5
	Duplicate		9/25/2024	(b)	0.61	<0.5	<0.5	<0.5	<0.5
			9/25/2024	(b)	0.55	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/19/2024	(b)	0.70	<0.5	<0.5	<0.5	<0.5
			6/19/2024	(b)	0.76	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/19/2024	(b)	1.58	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	1.38	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/19/2023	(b)	4.38	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	1.24	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	9.0	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/23/2022	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			9/30/2022	(b)	2.7	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	19	0.54	<0.5	<0.5	<0.5
			11/10/2021	(b)	21	1.3	0.6	<0.5	<0.5
			9/24/2021	(b)	21	0.86	<0.5	<0.5	<0.5
			6/18/2021	(b)	6.3	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	12	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	4.6	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	11	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	7.5	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	--	--	--	--	--
			3/26/2020	(b)	21	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	36	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	2.5	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	12	<0.5	1.1	<0.5	<0.5
			12/6/2018	(b)	53	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	110	0.57	0.92	<0.5	<0.5
			6/25/2018	(b)	84	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	93	1.9	4.9	<0.5	1.5
			12/21/2017	(b)	11	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	43	0.51	0.67	<0.5	<0.5
			5/2/2017	(b)	72	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	56	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	35	0.77	0.55	<0.5	<0.5
			6/21/2016	(b)	110	1.1	0.67	<0.5	<0.5
			3/25/2016	(b)	66	<0.5	<0.5	<0.5	<0.5
			12/18/2015	(b)	35	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/18/2015	(b)	37	<0.5	<0.5	<0.5	<0.5
			9/11/2015	(b)	150	3.1	<0.5	<0.5	<0.5
			6/12/2015	(b)	16	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			12/16/2014	(b)	22	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	2.2	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	130	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	2.8	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-1S		15-25	12/10/2013	(b)	4.8	<0.5	<0.5	<0.5	<0.5
			9/30/2013	(b)	770	8.4	<1	<1	<1
			7/30/2013	(b)	450	7.5	3.8	<0.5	<0.5
	Duplicate		7/30/2013	(b)	550	7.7	4	<0.5	<0.5
			3/11/2013	(b)	5.94	1.68	<0.5	<0.5	<0.5
			11/19/2012	(b)	7.98	0.907	<0.5	<0.5	<0.5
			8/21/2012	(b)	13.2	<0.5	<0.5	<0.5	<0.5
	CLS-Split		8/21/2012	(b)	11	<0.5	<0.5	<0.5	<0.5
	Water Board		8/21/2012	(b)	5.4	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	95.5	2.06	<0.5	<0.5	<0.5
			3/29/2012	(b)	1,540	4.83	5.56	2.85	<0.5
	Duplicate		3/29/2012	(b)	1,300	3.77	6.26	2.85	<0.5
			12/9/2011	(b)	841	5.45	2.35	<0.5	<0.5
			9/29/2011	(b)	93	4	2.8	<0.5	<0.5
			5/11/2011	(b)	5,380	21.4	12.7	<0.5	<0.5
			12/16/2010	(b)	109	<0.5	<0.5	<0.5	<0.5
			9/8/2010	(b)	547	<0.5	3.71	<0.5	<0.5
			6/15/2010	(b)	4,920	8.9	6.48	<0.5	<0.5
			3/23/2010	(b)	1,850	<0.5	339	1.41	<0.5
	Duplicate		3/23/2010	(b)	2,000	<0.5	314	1.41	<0.5
			12/4/2009	(b)	5,150	72.7	<0.5	<0.5	<0.5
			8/13/2008	(b)	706	74	41.3	0.727	<0.5
LW-MW-2S		22.5-32.5	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	0.50	<0.5	<0.5	<0.5	<0.5
			9/25/2024	(b)	0.94	<0.5	<0.5	<0.5	<0.5
			6/19/2024	(b)	0.71	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	0.96	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	1.06	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	8.2	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	11	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	0.6	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	0.61	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	1	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	1.1	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/26/2020	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			12/19/2019	(b)	0.99	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	0.95	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/3/2019	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	1.3	<0.5	<0.5	<0.5	<0.5
	Not sampled - covered with snow and ice		3/28/2019	(b)	--	--	--	--	--
			12/6/2018	(b)	0.82	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	2.3	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	3.6	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	9.7	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	34	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/27/2017	(b)	31	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	1.0	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	2.0	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	2.6	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	1.9	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	1.3	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/25/2016	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			12/18/2015	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			9/11/2015	(b)	0.72	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	0.95	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	1.3	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-2S		22.5-32.5	12/16/2014	(b)	3.1	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	2.7	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	5.2	0.57	<0.5	<0.5	<0.5
			3/6/2014	(b)	6.2	0.9	<0.5	<0.5	<0.5
			12/10/2013	(b)	33	0.57	<0.5	<0.5	<0.5
	Duplicate		12/10/2013	(b)	33	0.85	<0.5	<0.5	<0.5
			9/30/2013	(b)	86	2.2	<1	<1	<1
			7/30/2013	(b)	67	2.5	1.1	<0.5	<0.5
			3/11/2013	(b)	1.11	<0.5	<0.5	<0.5	<0.5
			11/19/2012	(b)	1.38	<0.5	0.877	<0.5	<0.5
			8/21/2012	(b)	44.1	3.22	1.67	<0.5	<0.5
	CLS-Split		8/21/2012	(b)	48	2.7	1.2	<0.5	<0.5
	Water Board		8/21/2012	(b)	20.8	2.3	1.1	<0.5	<0.5
			6/8/2012	(b)	84.8	6.94	<0.5	<0.5	<0.5
			3/29/2012	(b)	23.2	3.18	2.14	1.09	<0.5
			12/9/2011	(b)	63.8	7.67	1.89	<0.5	<0.5
			12/9/2011	(b)	74.4	8.61	2.41	<0.5	<0.5
			9/29/2011	(b)	100	14	4.6	<0.5	<0.5
			5/11/2011	(b)	376	11.7	5.04	<0.5	<0.5
			12/16/2010	(b)	21.3	1.09	<0.5	<0.5	<0.5
			9/8/2010	(b)	65.7	<0.5	3.14	<0.5	<0.5
			6/15/2010	(b)	98.7	4.39	4.07	<0.5	<0.5
			3/23/2010	(b)	5.9	<0.5	<0.5	<0.5	<0.5
			12/4/2009	(b)	8.29	<0.5	<0.5	<0.5	<0.5
			8/13/2008	(b)	3	2.52	31	<0.5	<0.5
LW-MW-3S	Abandoned	24.5-34.5	8/13/2008	(b)	4.04	<0.5	<0.5	NA	<0.5
LW-MW-4S	Abandoned	20.5-30.5	8/13/2008	(b)	24.5	1.6	0.6	NA	<0.5
LW-MW-5S		19-29	3/30/2026	(d)	4.8	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/30/2026	(d)	4.31	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	4.42	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/22/2025	(b)	6.81	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	6.59	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/4/2025	(b)	4.23	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	4.63	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/26/2025	(b)	4.38	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	4.22	<0.5	<0.5	<0.5	<0.5
			1/3/2025	(b)	17.2	<0.5	<0.5	<0.5	<0.5
			9/25/2024	(b)	37.2	0.62	<0.5	<0.5	<0.5
			6/18/2024	(b)	52.2	0.9	<0.5	<0.5	<0.5
			3/19/2024	(b)	18.6	<0.5	<0.5	<0.5	<0.5
			12/20/2023	(b)	22.5	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	28	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	55	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	1.2	0.75	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
	Duplicate		4/4/2022	(b)	19	0.7	<0.5	<0.5	<0.5
			4/4/2022	(b)	18	0.75	<0.5	<0.5	<0.5
			11/10/2021	(b)	5.8	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	7.8	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	4.3	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	1.6	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	5.9	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	7.4	0.18 J	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
	Not sampled - covered with snow and ice		3/26/2020	(b)	--	--	--	--	--
			12/19/2019	(b)	1.8	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/24/2019	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	1.1	<0.5	<0.5	<0.5	<0.5
	Not sampled - covered with snow and ice		3/28/2019	(b)	--	--	--	--	--
			12/6/2018	(b)	2.6	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	4.2	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	1.7	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/21/2017	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	2.9	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-5S		19-29	5/2/2017	(b)	13	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	51	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/20/2016	(b)	52	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	31	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	40	1.1	<0.5	<0.5	<0.5
			3/25/2016	(b)	180	0.55	0.7	<0.5	<0.5
			12/18/2015	(b)	34	3.3	<0.5	<0.5	<0.5
			9/11/2015	(b)	6.3	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	3.4	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	1.4	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/26/2015	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			12/16/2014	(b)	12	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	8.2	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	13	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/26/2014	(b)	13	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	2.6	<0.5	<0.5	<0.5	<0.5
			12/10/2013	(b)	150	2.1	0.82	<0.5	<0.5
			9/30/2013	(b)	81	2.1	<1	<1	<1
			7/30/2013	(b)	59	1.7	0.93	<0.5	<0.5
			3/11/2013	(b)	3.72	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/11/2013	(b)	2.57	<0.5	<0.5	<0.5	<0.5
			11/19/2012	(b)	6.99	<0.5	<0.5	<0.5	<0.5
			8/21/2012	(b)	5.06	<0.5	<0.5	<0.5	<0.5
	CLS-Split		8/21/2012	(b)	6.2	<0.5	<0.5	<0.5	<0.5
	Water Board		8/21/2012	(b)	3.1	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	931	37.6	<0.5	<0.5	<0.5
			3/29/2012	(b)	225	4.81	4.04	2.23	<0.5
			12/9/2011	(b)	964	23.6	<0.5	<0.5	<0.5
			9/29/2011	(b)	750	14	8.4	0.19	<0.5
	Duplicate		9/29/2011	(b)	600	13	6.7	0.19	<0.5
			5/11/2011	(b)	625	2.74	1.13	<0.5	<0.5
			9/8/2010	(b)	480	11	11.5	<0.5	<0.5
	Duplicate		9/8/2010	(b)	448	10.6	11.3	<0.5	<0.5
			6/15/2010	(b)	1,400	28.1	29	<0.5	<0.5
			3/23/2010	(b)	<0.5	26.5	38.2	<0.5	3.22
			12/4/2009	(b)	<0.5	11.7	<0.5	<0.5	<0.5
			8/13/2008	(b)	85.1	3.5	2	<0.5	<0.5
LW-MW-6S	Abandoned	17-27	8/13/2008	(b)	85.3	7.5	7	NA	<0.5
LW-MW-7S	Abandoned	20-30	8/13/2008	(b)	45.3	32.8	8.04	NA	<0.5
LW-MW-8S	Abandoned	20-30	8/13/2008	(b)	78.4	11	24	NA	<0.5
LW-MW-9S		10-25	3/30/2026	(d)	0.86	<0.5	<0.50	<0.5	<0.5
			12/2/2025	(d)	0.62	<0.5	<0.50	<0.5	<0.5
			9/22/2025	(b)	4.78	<0.5	<0.50	<0.5	<0.5
			6/4/2025	(b)	11.7	<0.5	<0.50	<0.5	<0.5
			3/26/2025	(b)	1.81	<0.5	<0.50	<0.5	<0.5
			1/2/2025	(b)	1.55	<0.5	<0.50	<0.5	<0.5
			9/23/2024	(b)	736	11.6	<10	<10	<10
			6/18/2024	(b)	227	3.39	<2.00	<2	<20
			3/19/2024	(b)	428	6.68	<2.50	<2.5	<2.5
			12/19/2023	(b)	279	3.35	<2.50	<2.5	<2.5
			9/27/2023	(b)	35	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	60	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	2.6	<0.5	<0.5	<0.5	<0.5
	Duplicate		11/10/2021	(b)	86	1.7	0.6	<0.5	<0.5
			11/10/2021	(b)	84	1.7	0.6	<0.5	<0.5
			9/24/2021	(b)	190	4.7	1.5	<0.5	<0.5
			6/18/2021	(b)	57	0.85	<0.5	<0.5	<0.5
			3/23/2021	(b)	110	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	<0.5	<0.5	<5.0	<5	<5
			9/24/2020	(b)	16	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	170	3.7 J	2.3 J	<5	<5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	6.6	1.1	2.2	<0.5	<0.5
			9/24/2019	(b)	52	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-9S		10-25	6/3/2019	(b)	8.4	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/28/2019	(b)	2.3	<0.5	0.62	<0.5	<0.5
			3/28/2019	(b)	2.5	<0.5	0.62	<0.5	<0.5
	Duplicate		12/6/2018	(b)	2.1	<0.5	<0.5	<0.5	<0.5
			12/6/2018	(b)	2	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	2	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	1.6	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	1.6	<0.5	<0.5	<0.5	<0.5
			9/30/2013	(b)	4.9	<1	<1	<1	<1
			9/28/2016	(b)	1.3	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/28/2016	(b)	1.3	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/21/2016	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	1.4	<0.5	<0.5	<0.5	<0.5
	Not sampled - covered by snow and ice		12/18/2015	(b)	--	--	--	--	--
			9/11/2015	(b)	0.54	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/16/2014	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/10/2013	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			7/30/2013	(b)	5.3	<0.5	<0.5	<0.5	<0.5
			3/11/2013	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/19/2012	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			8/21/2012	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	0.657	<0.5	0.596	<0.5	<0.5
			3/29/2012	(b)	1.15	<0.5	<0.5	<0.5	<0.5
			12/9/2011	(b)	7.64	<0.5	<0.5	<0.5	<0.5
			9/29/2011	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/11/2011	(b)	30.6	0.509	<0.5	<0.5	<0.5
			12/16/2010	(b)	89.8	4.64	17.4	<0.5	<0.5
	Duplicate		12/16/2010	(b)	89.6	4.51	18.4	<0.5	<0.5
			9/8/2010	(b)	2.18	<0.5	<0.5	<0.5	<0.5
			6/15/2010	(b)	162	7.57	22.5	<0.5	<0.5
	Duplicate		6/15/2010	(b)	172	8.04	24.5	<0.5	<0.5
			3/23/2010	(b)	174	<0.5	7.78	<0.5	<0.5
			12/4/2009	(b)	324	12.7	19	<0.5	<0.5
LW-MW-10S	Abandoned	9.8-24.8	12/16/2014	(b)	0.51	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	0.84	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	0.84	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			12/10/2013	(b)	0.65	<0.5	<0.5	<0.5	<0.5
			9/30/2013	(b)	<1.0	<1.0	<1	<1	<1
			9/30/2013	(b)	<1.0	<1.0	<1	<1	<1
			7/30/2013	(b)	0.89	<0.50	<0.50	<0.5	<0.5
			11/19/2012	(b)	--	--	--	--	--
			8/21/2012	(b)	2.02	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	3.56	<0.5	<0.5	<0.5	<0.5
			3/29/2012	(b)	1.42	<0.5	<0.5	<0.5	<0.5
			12/9/2011	(b)	6.82	<0.5	<0.5	<0.5	<0.5
			9/29/2011	(b)	13	0.18	<0.5	<0.5	<0.5
			5/11/2011	(b)	8.59	<0.5	<0.5	<0.5	<0.5
			12/16/2010	(b)	7.57	<0.5	<0.5	<0.5	<0.5
			9/8/2010	(b)	23.7	<0.5	<0.5	<0.5	<0.5
			6/15/2010	(b)	63.8	<0.5	<0.5	<0.5	<0.5
			3/23/2010	(b)	1.04	<0.50	<0.50	<0.5	<0.5
			12/4/2009	(b)	15.8	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/4/2009	(b)	10.6	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-10SR		10-25	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/25/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	NA	NA	NA	NA	NA
			9/27/2023	(b)	0.57	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	0.78	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	0.54	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	0.62	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	0.26 J	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/19/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	0.59	<0.5	<0.5	<0.5	<0.5
			12/6/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	1.3	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	0.74	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	2.3	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	2.3	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	1.6	<0.5	<0.5	<0.5	<0.5
			12/18/2015	(b)	2.8	<0.5	<0.5	<0.5	<0.5
			9/11/2015	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/16/2014	(b)	0.51	<0.5	<0.5	NA	<0.5
			9/17/2014	(b)	0.84	<0.5	<0.5	NA	<0.5
			3/23/2010	(b)	1.04	<0.5	<0.5	NA	<0.5
			6/26/2014	(b)	0.84	<0.5	<0.5	NA	<0.5
			3/6/2014	(b)	1.4	<0.5	<0.5	NA	<0.5
	Duplicate		3/6/2014	(b)	1.5	<0.5	<0.5	NA	<0.5
			12/10/2013	(b)	0.65	<0.5	<0.5	NA	<0.5
			9/30/2013	(b)	<1	<1	<1	NA	<1
	Duplicate		9/30/2013	(b)	<1	<1	<1	NA	<1
			7/30/2013	(b)	0.89	<0.5	<0.5	NA	<0.5
LW-MW-11S		10-25	3/30/2026	(d)	0.82	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	1.49	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	1.29	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	0.85	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	0.99	<0.5	<0.5	<0.5	<0.5
			1/3/2025	(b)	0.98	<0.5	<0.5	<0.5	<0.5
			9/24/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2024	(b)	0.79	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	2.13	<0.5	<0.5	<0.5	<0.5
			12/20/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	22	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	0.61	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	4.1	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-11S	Duplicate	10-25	6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/23/2021	(b)	0.62	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	1.2	<0.5	<0.5	<0.5	<0.5
	Duplicate		11/19/2020	(b)	1.2	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	1.2	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/24/2020	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	1.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		8/12/2020	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	1.7	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/19/2019	(b)	1.9	<0.5	<0.5	<0.5	<0.5
			12/19/2019	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	0.96	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	0.63	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	0.96	<0.5	<0.5	<0.5	<0.5
			12/6/2018	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	1.3	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	0.68	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	0.66	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			12/18/2015	(b)	3.8	<0.5	<0.5	<0.5	<0.5
			9/11/2015	(b)	0.98	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	0.89	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/12/2015	(b)	0.86	<0.5	<0.5	<0.5	<0.5
	Not sampled - Wellhead Damaged		3/26/2015	(b)	--	--	--	--	--
			12/16/2014	(b)	2.7	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/16/2014	(b)	2.7	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	4.5	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	3.8	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	7.2	<0.5	<0.5	<0.5	<0.5
			12/10/2013	(b)	8.2	<0.5	<0.5	<0.5	<0.5
			9/30/2013	(b)	4.6	<1	<1	<1	<1
			7/30/2013	(b)	4.5	<0.5	<0.5	<0.5	<0.5
			3/11/2013	(b)	4.41	<0.5	<0.5	<0.5	<0.5
			11/19/2012	(b)	6.19	<0.5	<0.5	<0.5	<0.5
			8/21/2012	(b)	2.14	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	2.13	<0.5	<0.5	<0.5	<0.5
			3/29/2012	(b)	1.41	<0.5	<0.5	<0.5	<0.5
			12/9/2011	(b)	18.3	<0.5	<0.5	<0.5	<0.5
			9/29/2011	(b)	0.68	0.27	1.1	<0.5	<0.5
			5/11/2011	(b)	1.33	<0.5	<0.5	<0.5	<0.5
			12/16/2010	(b)	2.63	<0.5	<0.5	<0.5	<0.5
			9/8/2010	(b)	14.8	<0.5	0.83	<0.5	<0.5
			6/15/2010	(b)	28.3	<0.5	0.909	<0.5	<0.5
			3/23/2010	(b)	32.5	1.08	3.63	<0.5	<0.5
			12/4/2009	(b)	42.9	<0.5	<0.5	<0.5	<0.5
LW-MW-12S		10-25	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	1.77	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	0.88	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/23/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/17/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	17	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	0.74	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-12S		10-25	4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	--	--	--	--	--
			11/19/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	--	--	--	--	--
			12/20/2019	(b)	--	--	--	--	--
			9/24/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	--	--	--	--	--
			12/6/2018	(b)	--	--	--	--	--
			9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	0.97	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/25/2018	(b)	0.82	<0.5	<0.5	<0.5	<0.5
	Not sampled, snow pile prevented access		4/4/2018	(b)	--	--	--	--	--
	Not sampled, snow pile prevented access		12/21/2017	(b)	--	--	--	--	--
			9/27/2017	(b)	0.96	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Not sampled - well frozen		12/20/2016	(b)	--	--	--	--	--
			9/28/2016	(b)	4.4	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	2.1	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	0.74	<0.5	<0.5	<0.5	<0.5
	Not sampled - Covered by Snow and Ice		12/18/2015	(b)	--	--	--	--	--
			9/11/2015	(b)	1.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/11/2015	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	0.7	<0.5	<0.5	<0.5	<0.5
			12/16/2014	(b)	5.2	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	3.7	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	6.1	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	2.4	<0.5	<0.5	<0.5	<0.5
	Not sampled - well covered with snow		12/10/2013	(b)	--	--	--	--	--
			9/30/2013	(b)	34	<1	<1	<1	<1
			7/30/2013	(b)	35	<0.5	<0.5	<0.5	<0.5
	Not sampled; covered with high pile of snow		3/11/2013	(b)	--	--	--	--	--
			11/19/2012	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			8/21/2012	(b)	2.45	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	7.89	<0.5	<0.5	<0.5	<0.5
	Not sampled; covered with 12-foot high pile of snow		3/29/2012	(b)	--	--	--	--	--
			12/9/2011	(b)	25.1	<0.5	<0.5	<0.5	<0.5
			9/29/2011	(b)	23	0.35	0.12	<0.5	<0.5
			5/11/2011	(b)	105	0.651	<0.5	<0.5	<0.5
	Duplicate		5/11/2011	(b)	95.4	0.586	<0.5	<0.5	<0.5
	Not sampled; covered with 12 feet of snow		12/16/2010	(b)	--	--	--	--	--
			9/8/2010	(b)	824	<0.5	4.31	<0.5	<0.5
			6/15/2010	(b)	314	1.4	1.46	<0.5	<0.5
			3/23/2010	(b)	34.3	<0.5	0.613	<0.5	<0.5
			12/4/2009	(b)	10.7	<0.5	<0.5	<0.5	<0.5
LW-MW-13S		10-25	3/30/2026	(d)	0.88	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	2.42	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	1.74	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	0.77	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	0.95	<0.5	<0.5	<0.5	<0.5
			1/3/2025	(b)	0.9	<0.5	<0.5	<0.5	<0.5
			9/24/2024	(b)	0.81	<0.5	<0.5	<0.5	<0.5
			6/19/2024	(b)	0.87	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	0.68	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	0.71	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	1.3	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-13S		10-25	4/4/2022	(b)	2.4	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	1.3	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	0.51	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	0.74	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
	Not sampled - covered with snow and ice		3/26/2020	(b)	--	--	--	--	--
			12/19/2019	(b)	0.9	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	0.62	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/6/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	1.0	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	1.3	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	0.64	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	1.7	<0.5	<0.5	<0.5	<0.5
	Not sampled - covered by Snow and Ice		12/18/2015	(b)	--	--	--	--	--
			9/11/2015	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	2.0	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	2.7	<0.5	<0.5	<0.5	<0.5
			12/16/2014	(b)	2.6	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	0.86	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/17/2014	(b)	0.85	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	1.8	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	0.89	<0.5	<0.5	<0.5	<0.5
	Not sampled - well covered with snow		12/10/2013	(b)	--	--	--	--	--
			9/30/2013	(b)	<1	<1	<1	<1	<1
			7/30/2013	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/11/2013	(b)	--	--	--	--	--
			11/19/2012	(b)	2.33	<0.5	<0.5	<0.5	<0.5
	Duplicate		11/19/2012	(b)	2.18	<0.5	<0.5	<0.5	<0.5
			8/21/2012	(b)	2.16	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	1.71	<0.5	<0.5	<0.5	<0.5
			3/29/2012	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/9/2011	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/29/2011	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/11/2011	(b)	3.71	<0.5	<0.5	<0.5	<0.5
			12/16/2010	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/8/2010	(b)	4.86	<0.5	<0.5	<0.5	<0.5
			6/15/2010	(b)	14.1	0.603	0.627	<0.5	<0.5
			3/23/2010	(b)	65.2	<0.5	2.92	<0.5	<0.5
			12/4/2009	(b)	17	<0.5	<0.5	<0.5	<0.5
LW-MW-1D		40-50	3/30/2026	(b)	9.3	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(b)	13.9	0.58	2.99	<0.5	<0.5
			9/22/2025	(b)	22.5	1.87	10.5	<0.5	<0.5
			6/4/2025	(b)	26.4	1.51	10.6	<0.5	0.64
			3/26/2025	(b)	13.3	<0.5	1.63	<0.5	0.57
			1/2/2025	(b)	9.6	<0.5	<0.5	<0.5	<0.5
			9/25/2024	(b)	16.6	0.84	2.77	<0.5	<0.5
			6/19/2024	(b)	23.2	1.32	6.21	<0.5	<0.5
			3/19/2024	(b)	14.3	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	22.6	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	220	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	630	13	0.81	<0.5	<0.5
			12/23/2022	(b)	242	5.5	<0.5	<0.5	<0.5
			9/3/2022	(b)	110	3.8	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	250	7.5	0.66	<0.5	<0.5
			11/10/2021	(b)	290	5.7	0.97	<0.5	<0.5
			9/24/2021	(b)	200	7.4	<0.5	<0.5	<0.5
			6/18/2021	(b)	110	4.9	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-1D		40-50	3/23/2021	(b)	140	5.6	0.62	<0.5	<0.5
			11/19/2020	(b)	14	1.8	<0.5	<0.5	<0.5
			9/24/2020	(b)	9.2	0.98	<0.5	<0.5	<0.5
			8/12/2020	(b)	27	2.3	0.62	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	24	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	44	0.52	3.5	<0.5	<0.5
			9/24/2019	(b)	130	7.6	3.5	<0.5	<0.5
			6/3/2019	(b)	110	9.8	12	<0.5	2.1
	Duplicate		3/28/2019	(b)	25	0.73	1.6	<0.5	<0.5
			3/28/2019	(b)	23	0.75	1.5	<0.5	<0.5
			12/6/2018	(b)	55	2.2	1.5	<0.5	<0.5
			9/26/2018	(b)	190	4.1	4.3	<0.5	<0.5
			6/25/2018	(b)	210	<0.5	1.4	<0.5	<0.5
			4/4/2018	(b)	67	2.0	1.8	<0.5	<0.5
			12/21/2017	(b)	430	17	6.1	<0.5	1.2
			9/27/2017	(b)	210	4.7	2.2	<0.5	<0.5
			5/2/2017	(b)	65	1.8	<0.5	<0.5	<0.5
	Duplicate		5/2/2017	(b)	66	1.8	<0.5	<0.5	<0.5
			8/13/2008	(b)	137	3.12	7.1	NA	<0.5
LW-MW-2D		39.5-49.5	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	0.52	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		1/2/2025	(b)	0.71	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	0.62	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/25/2024	(b)	0.59	<0.5	<0.5	<0.5	<0.5
			9/25/2024	(b)	0.52	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/19/2024	(b)	0.91	<0.5	<0.5	<0.5	<0.5
			6/19/2024	(b)	0.93	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/19/2024	(b)	0.94	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	1.19	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/19/2023	(b)	3.77	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	4.08	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	25	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	29	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	1.9	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	0.78	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	1.9	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	1.0	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	0.87	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	5.4	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	7.7	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	6.5	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	7.2	<0.5	<0.5	<0.5	<0.5
	Not sampled - covered with snow and ice		3/28/2019	(b)	--	--	--	--	--
			12/6/2018	(b)	17	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	18	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	27	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	16	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	5.1	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	5.6	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	7.2	<0.5	<0.5	<0.5	<0.5
			8/13/2008	(b)	72.3	7.1	6.1	NA	<0.5
LW-MW-3D	Abandoned	40.5-50.5	8/13/2008	(b)	1.59	<0.5	<0.5	NA	<0.5
LW-MW-4D	Abandoned	35.5-45.5	8/13/2008	(b)	100	5.28	20	NA	<0.5
LW-MW-5D		40.5-50.5	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LW-MW-5D		40.5-50.5	1/3/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/25/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/20/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	1.0	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	0.36 J	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
	Not sampled - covered with snow and ice		3/26/2020	(b)	--	--	--	--	--
			12/19/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Not sampled - covered with snow and ice		3/28/2019	(b)	--	--	--	--	--
			12/6/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	0.64	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	0.83	<0.5	<0.5	<0.5	<0.5
			8/13/2008	(b)	1.43	<0.5	<0.5	NA	<0.5
LW-MW-6D	Abandoned	32-42	8/13/2008	(b)	47.5	2.7	2.31	NA	<0.5
LW-MW-7D	Abandoned	34.5-44.5	8/13/2008	(b)	83.7	29.8	17	NA	<0.5
LW-MW-8D	Abandoned	33-43	8/13/2008	(b)	15.7	2.67	4.44	NA	<0.5
	Duplicate		8/13/2008	(b)	26.2	1.35	5.68	NA	<0.5
LBWC1-SW-1	LBWC1SW1-PB-2Q23	106.1-108.9	4/20/2023	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC1SW1-PB-4Q22		10/19/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC1SW1-PB-2Q22		4/26/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC1SW1-PB-4Q21		10/19/2021	(c)	<0.5	<0.5	<0.5	<0.5	<1
LBWC1-SW-2	LBWC1SW2-PB-2Q23	141.6-144.4	4/20/2023	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC1SW2-PB-4Q22		10/19/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC1SW2-PB-2Q22		4/26/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC1SW2-PB-4Q21		10/19/2021	(c)	<0.5	<0.5	<0.5	<0.5	<1
LBWC1-SW-3	LBWC1SW3-PB-2Q23	163.6-166.4	4/20/2023	(c)	0.66	<0.5	<0.5	<0.5	<1
	LBWC1SW3-PB-4Q22		10/19/2022	(c)	0.57	<0.5	<0.5	<0.5	<1
	LBWC1SW3-PB-2Q22		4/26/2022	(c)	0.41 J	<0.5	<0.5	<0.5	<1
	LBWC1SW3-PB-4Q21		10/19/2021	(c)	<0.5	<0.5	<0.5	<0.5	<1
LBWC5-SW-1	LBWC5SW1-PB-2Q23	76.1-78.9	4/20/2023	(c)	1.2	<0.5	<0.5	<0.5	<1
	LBWC5SW1-PB-4Q22		10/19/2022	(c)	0.51	<0.5	<0.5	<0.5	<1
	LBWC5SW1-PB-2Q22		4/27/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC5SW1-PB-4Q21		10/19/2021	(c)	<0.5	<0.5	<0.5	<0.5	<1
	LBWC5SW1-LF-4Q21 (low-flow)	77.5	10/19/2021	(c)	<0.5	<0.5	<0.5	<0.5	<1
LBWC5-SW-2	LBWC5SW2-LF-2Q23 (low-flow)	150	4/21/2023	(c)	150	3.8	6.2	0.22 J	<1
	LBWC5SW2-PB-2Q23	148.6-151.4	4/20/2023	(c)	160	3.5	5.9	<0.5	<1
	LBWC5SW2-LF-4Q22 (low-flow)	150	10/27/2022	(c)	140	4.5	7	<0.5	<1
	LBWC5SW2-PB-4Q22	148.6-151.4	10/19/2022	(c)	200	4.9	7.7	<0.5	<1
	LBWC5SW2-PB-2Q22	148.6-151.4	4/27/2022	(c)	160	3.8	6.3	<0.5	<1
	LBWC5SW2-PB-4Q21	148.6-151.4	10/19/2021	(c)	130	3.5	5.8	<0.5	<1

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW-6A	Shallow Groundwater	10.8-25.8	10/28/2025	(e)	<0.13	<0.085	<0.085	<0.15	<0.12
	Shallow Groundwater		7/28/2025	(e)	5.2	<0.085	<0.085	<0.15	<0.12
MW-7A	Shallow Groundwater	10.6-25.6	10/28/2025	(e)	16	0.28 J	0.24 J	<0.15	<0.12
	Shallow Groundwater		7/24/2025	(e)	16	0.23 J	<0.085	<0.15	<0.12
MW-8A	Shallow Groundwater	10.2-25.2	10/28/2025	(e)	0.87	<0.085	<0.085	<0.15	<0.12
	Shallow Groundwater		7/25/2025	(e)	3.6	<0.085	<0.085	<0.15	<0.12
MW-9A	Shallow Groundwater	10.3-25.3	10/29/2025	(e)	15	0.15 J	<0.085	<0.15	<0.12
	Shallow Groundwater		7/28/2025	(e)	25	0.22 J	<0.085	<0.15	<0.12
MW-10A	Shallow Groundwater	11.1-26.1	10/29/2025	(e)	5.5	0.26 J	<0.085	<0.15	<0.12
	Shallow Groundwater		7/22/2025	(e)	6.8	0.21 J	<0.085	<0.15	<0.12
MW-11A	Shallow Groundwater	10.3-25.3	10/29/2025	(e)	47	0.57 J	<0.085	<0.15	<0.12
	Shallow Groundwater		7/28/2025	(e)	40	0.51 J	<0.085	<0.15	<0.12
MW-3B	Middle Groundwater	36-46	10/28/2025	(e)	160	6.1	3.0	<0.15	<0.12
	Middle Groundwater		7/24/2025	(e)	230	9.8	4.6	<0.15	<0.12
MW-4B	Middle Groundwater	35.5-45.5	7/28/2025	(e)	32	0.74	0.38 J	<0.15	<0.12
MW-4BR	Middle Groundwater	35-45	10/30/2025	(e)	270	6.6	5.3	<0.15	<0.12
	Middle Groundwater		8/12/2025	(e)	290	6.3	4.6	<0.15	<0.12
MW-5B	Middle Groundwater	35.7-45.7	10/30/2025	(e)	320	11	7.3	0.34 J	<0.12
	Middle Groundwater		7/22/2025	(e)	390	12	7.5	0.2 J	<0.12
MW-6BR	Middle Groundwater	36.2-46.2	10/28/2025	(e)	160	5.4	3.0	<0.15	<0.12
	Middle Groundwater, Duplicate		10/28/2025	(e)	170	5.6	2.9	<0.15	<0.12
	Middle Groundwater		7/29/2025	(e)	100	3.1	1.2	<0.15	<0.12
	Middle Groundwater, Duplicate		7/29/2025	(e)	110	2.8	1.3	<0.15	<0.12
MW-7B	Middle Groundwater	35.7-45.7	10/28/2025	(e)	42	0.79	0.46 J	<0.15	<0.12
	Middle Groundwater		7/24/2025	(e)	43	0.86	0.4 J	<0.15	<0.12
MW-8B	Middle Groundwater	35.4-45.4	10/30/2025	(e)	250	9.9	6.0	0.28 J	<0.12
	Middle Groundwater		7/25/2025	(e)	110	3.5	1.7	<0.15	<0.12
MW-9B	Middle Groundwater	35.7-45.7	10/29/2025	(e)	150	5.6	3.2	<0.15	<0.12
	Middle Groundwater		7/28/2025	(e)	140	4	1.7	<0.15	<0.12
MW-10B	Middle Groundwater	35.9-45.9	10/30/2025	(e)	100	3.2	1.4	<0.15	<0.12
	Middle Groundwater		7/22/2025	(e)	100	3.4	1.4	<0.15	<0.12
MW-11B	Middle Groundwater	34.4-44.4	10/29/2025	(e)	13	0.19 J	<0.085	<0.15	<0.12
	Middle Groundwater		7/28/2025	(e)	15	0.15 J	<0.085	<0.15	<0.12
MW-OB	MW @ Ownes Brothers_19980506	2.1-2.1	5/7/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
MW-SS	MW @ Sierra Shirts_19980507	2.1-2.1	5/7/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
OS-1		10-25	3/30/2026	(d)	5.35	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	3.97	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	10.4	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	10.7	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	2.44	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	2.38	<0.5	<0.5	<0.5	<0.5
			9/23/2024	(b)	4.2	<0.5	<0.5	<0.5	<0.5
			6/17/2024	(b)	2.25	<0.5	<0.5	<0.5	<0.5
			3/19/2024	(b)	2.13	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	2.49	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	95	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	77	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	3.8	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	6.8	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	4	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	8	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	2.6	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	1.9	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	6.6	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	9.9	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	14	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	3.4	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	2.7	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	2.3	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			12/6/2018	(b)	6.7	<0.5	<0.5	<0.5	<0.5
			9/26/2018	(b)	1.2	<0.5	<0.5	<0.5	<0.5
			6/25/2018	(b)	0.86	<0.5	<0.5	<0.5	<0.5
			4/4/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/21/2017	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			9/27/2017	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			5/2/2017	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			12/20/2016	(b)	9.6	<0.5	<0.5	<0.5	<0.5
			9/28/2016	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			6/21/2016	(b)	1.5	<0.5	<0.5	<0.5	<0.5
			3/25/2016	(b)	5.4	<0.5	<0.5	<0.5	<0.5
			12/18/2015	(b)	5.2	<0.5	<0.5	<0.5	<0.5
			10/1/2015	(b)	9.4	<0.5	<0.5	NA	<0.5
			9/11/2015	(b)	9.6	<0.5	<0.5	<0.5	<0.5
			6/12/2015	(b)	10	<0.5	<0.5	<0.5	<0.5
			3/26/2015	(b)	64	1.4	<0.5	<0.5	<0.5
			12/16/2014	(b)	9.8	<0.5	<0.5	<0.5	<0.5
			9/17/2014	(b)	10	<0.5	<0.5	<0.5	<0.5
			6/26/2014	(b)	15	<0.5	<0.5	<0.5	<0.5
			3/6/2014	(b)	5.6	<0.5	<0.5	<0.5	<0.5
			12/10/2013	(b)	16	<0.5	<0.5	<0.5	<0.5
			9/30/2013	(b)	8	<1	<1	<1	<1
			7/30/2013	(b)	26	1.7	<0.5	<0.5	<0.5
			11/19/2012	(b)	34.9	1.84	<0.5	<0.5	<0.5
			8/21/2012	(b)	6.32	<0.5	<0.5	<0.5	<0.5
			6/8/2012	(b)	11.6	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/8/2012	(b)	11.2	<0.5	<0.5	<0.5	<0.5
			3/29/2012	(b)	8.97	<0.5	<0.5	<0.5	<0.5
			12/9/2011	(b)	20.6	0.617	<0.5	<0.5	<0.5
			9/29/2011	(b)	4.6	<0.5	<0.5	<0.5	<0.5
			5/11/2011	(b)	7.09	<0.5	<0.5	<0.5	<0.5
	Not sampled; covered with high pile of snow		3/11/2013	(b)	--	--	--	--	--
			12/16/2010	(b)	52.5	2.43	4.43	<0.5	<0.5
			9/8/2010	(b)	13.5	<0.5	<0.5	<0.5	<0.5
			6/15/2010	(b)	75.9	2.91	1.41	<0.5	<0.5
			3/24/2010	(b)	91.2	1.41	0.989	<0.5	<0.5
OS-2S		8.5-23.5	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		9/23/2024	(b)	1.18	<0.5	<0.5	<0.5	<0.5

TABLE C-5

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Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
OS-2S		8.5-23.5	9/23/2024	(b)	1.05	<0.5	<0.5	<0.5	<0.5
	Duplicate		6/17/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/17/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		3/20/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/20/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	Duplicate		12/19/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/25/2023	(b)	1.7	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	1.1	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	0.95	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	21	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	2.4	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	30	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	16	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	2.5	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	14	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	23	9.8	<0.5	<0.5	<0.5
			6/3/2019	(b)	15	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	48	0.55	<0.5	<0.5	<0.5
			11/7/2018	(b)	51.3	<0.5	<0.5	<0.5	<0.5
OS-2M	Duplicate	42-48	3/30/2026	(d)	171	6.65	3.25	<2	<2
			3/30/2026	(d)	164	5.49	3.07	<2	<2
	Duplicate		12/3/2025	(d)	204	8.35	16.2	<2	<2
			12/3/2025	(d)	132	5.49	27.9	<2	<2
	Duplicate		9/22/2025	(b)	221	9.97	23.9	<2	<1
			9/22/2025	(b)	106	9.0	27	<2	<1
	Duplicate		6/4/2025	(b)	257	6.09	3.47	<2	<2
			6/4/2025	(b)	176	4.75	2.66	<2	<2
			3/26/2025	(b)	263	9.26	5.99	<2	<2
			1/2/2025	(b)	275	9.52	7.34	<2	<2
			9/23/2024	(b)	217	8.48	16	<2.5	<2.5
			6/17/2024	(b)	296	9.88	11.6	<2	<20
			3/20/2024	(b)	385	12.3	8.39	<2.5	<2.5
			12/19/2023	(b)	327	13.8	9.2	<2.5	<2.5
			9/27/2023	(b)	240	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	250	<0.5	2.2	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	210	7.1	6.2	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	490	18	10	<0.5	<0.5
			11/10/2021	(b)	450	21	14	<0.5	<0.5
			9/24/2021	(b)	480	25	17	<0.5	<0.5
			6/18/2021	(b)	410	22	18	<0.5	<0.5
			3/23/2021	(b)	220	9.3	4.9	<0.5	<0.5
			11/19/2020	(b)	290	13	13	0.55	<0.5
			9/24/2020	(b)	280	11	8.1	<0.5	<0.5
			8/12/2020	(b)	270	12	9.1	<5	<5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	250	9.4	5.3	<2.5	<2.5
			12/20/2019	(b)	410	20	23	<2.5	<2.5
			9/24/2019	(b)	320	14	17	<2.5	<2.5
			6/3/2019	(b)	730	34	38	1.8	<0.5
			3/28/2019	(b)	860	45	53	2.5	<0.5
			11/7/2018	(b)	1580	54.4	37.2	<10	<10
OS-3S		8.5-23.5	3/30/2026	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/2/2025	(d)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/22/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/4/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/26/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			1/2/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/23/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/19/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/20/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/19/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/27/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
OS-3S		8.5-23.5	9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/19/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/7/2018	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
OS-3M		38-48	3/30/2026	(d)	163	3.35	<2	<2	<2
			12/2/2025	(d)	165	3.46	1.44	<0.5	<0.5
			9/22/2025	(b)	40.1	0.76	<0.5	<0.5	<0.5
			6/4/2025	(b)	130	2.59	1.17	<10	<10
	Duplicate		3/26/2025	(b)	178	4.26	1.9	<10	<10
			3/26/2025	(b)	178	4.61	2.03	<10	<10
			1/2/2025	(b)	139	3.32	1.75	<10	<10
			9/23/2024	(b)	22.5	0.54	<0.5	<0.5	<0.5
			6/19/2024	(b)	178	3.45	1.68	<1	<1
			3/20/2024	(b)	212	3.92	<2.0	<2	<2
			12/19/2023	(b)	232	4.82	2.3	<2	<2
			9/27/2023	(b)	540	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	120	0.93	<0.5	<0.5	<0.5
			12/23/2022	(b)	NA	NA	NA	NA	NA
			9/30/2022	(b)	240	1.9	<0.5	<0.5	<0.5
	Duplicate		9/30/2022	(b)	230	1.7	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	290	4.3	<0.5	<0.5	<0.5
			11/10/2021	(b)	41	0.64	<0.5	<0.5	<0.5
			9/24/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	63	0.96	0.68	<0.5	<0.5
			3/23/2021	(b)	150	2.9	1.9	<0.5	<0.5
			11/19/2020	(b)	110	2	1.7	<0.5	<0.5
			9/24/2020	(b)	72	1.3	0.78	<0.5	<0.5
			8/12/2020	(b)	67	0.93 J	0.59 J	<2	<2
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	210	3.7	2.1	<0.5	<0.5
			12/20/2019	(b)	200	3.2	2.3	<0.5	<0.5
			9/24/2019	(b)	130	2.4	2.5	<0.5	<0.5
			6/3/2019	(b)	130	<0.5	2.2	<0.5	<0.5
			3/28/2019	(b)	150	3	3.3	<0.5	<0.5
			11/7/2018	(b)	163	2.74	<0.5	<0.5	<0.5
OS-4S	Abandoned	9-24	9/27/2023	(b)	7.3	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	3	<0.5	<0.5	<0.5	<0.5
			12/23/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			9/30/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	1.6	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	0.85	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	0.77	<0.5	<0.5	<0.5	<0.5
			3/23/2021	(b)	3.7	<0.5	<0.5	<0.5	<0.5
			11/19/2020	(b)	2.9	<0.5	<0.5	<0.5	<0.5
			9/24/2020	(b)	2.8	<0.5	<0.5	<0.5	<0.5
			8/12/2020	(b)	1.4	<0.5	<0.5	<0.5	<0.5
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	1.6	<0.5	<0.5	<0.5	<0.5
			9/24/2019	(b)	2.3	<0.5	<0.5	<0.5	<0.5
			6/3/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/28/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/7/2018	(b)	5.22	<0.5	<0.5	<0.5	<0.5

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
OS-4M	Abandoned	33-43	9/27/2023	(b)	110	<0.5	<0.5	<0.5	<0.5
			6/5/2023	(b)	150	3.2	1.9	<0.5	<0.5
			12/23/2022	(b)	8.9	<0.5	<0.5	<0.5	<0.5
			9/30/2022	(b)	16	<0.5	<0.5	<0.5	<0.5
			6/28/2022	(b)	NA	NA	NA	NA	NA
			4/4/2022	(b)	24	<0.5	<0.5	<0.5	<0.5
			11/10/2021	(b)	22	<0.5	<0.5	<0.5	<0.5
			9/24/2021	(b)	40	<0.5	<0.5	<0.5	<0.5
			6/18/2021	(b)	76	1.6	1.0	<0.5	<0.5
			3/23/2021	(b)	94	0.6	<0.5	<0.5	<0.5
			11/19/2020	(b)	140	3.0	2.1	<0.5	<0.5
			9/24/2020	(b)	140	2.6	1.4	<0.5	<0.5
			8/12/2020	(b)	130	2.7	1.5	<1	<1
			6/29/2020	(b)	NA	NA	NA	NA	NA
			3/26/2020	(b)	180	4.5	<0.5	<0.5	<0.5
			12/20/2019	(b)	330	8.1	5.2	<0.5	<0.5
			9/24/2019	(b)	290	8.5	7.4	<0.5	<0.5
			6/3/2019	(b)	310	<0.5	8.5	<0.5	<0.5
			3/28/2019	(b)	280	8.2	8.9	<0.5	<0.5
	Duplicate		11/7/2018	(b)	446	9.8	6.26	<0.5	<0.5
			11/7/2018	(b)	540	11.6	6.38	<0.5	<0.5
RW-MW-1	MW-1_20120612	8-23	6/12/2012	(a)	2.1	NA	NA	NA	NA
	MW-1_20111101		11/1/2011	(a)	3.2	NA	NA	NA	NA
	MW-1_20110629		6/29/2011	(a)	11	NA	NA	NA	NA
	MW-1_20101213		12/13/2010	(a)	19	NA	NA	NA	NA
	MW-1_20100614		6/14/2010	(a)	16	NA	NA	NA	NA
	MW-1_20091202		12/2/2009	(a)	7.7	NA	NA	NA	NA
	MW-1_20090520		5/20/2009	(a)	19	NA	NA	NA	NA
	MW-1_20081201		12/1/2008	(a)	23	NA	NA	NA	NA
	MW-1_20080724		7/24/2008	(a)	28	NA	NA	NA	NA
	MW-1_20080516		5/16/2008	(a)	30	NA	NA	NA	NA
	MW-1_20080331		3/31/2008	(a)	48	NA	NA	NA	NA
	MW-1_20071109		11/9/2007	(a)	32	NA	NA	NA	NA
	MW-1_20070906		9/6/2007	(a)	67	NA	NA	NA	NA
	MW-1_20070614		6/14/2007	(a)	81	NA	NA	NA	NA
	MW-1_20070315		3/15/2007	(a)	140	NA	NA	NA	NA
	MW-1_20061031		10/31/2006	(a)	87	NA	NA	NA	NA
	MW-1_20060918		9/18/2006	(a)	64	NA	NA	NA	NA
	MW-1_20060622		6/22/2006	(a)	100	NA	NA	NA	NA
RW-MW-2	MW-2_20120612	8-23	6/12/2012	(a)	5	NA	NA	NA	NA
	MW-2_20111101		11/1/2011	(a)	8.8	NA	NA	NA	NA
	MW-2_20101213		12/13/2010	(a)	22	NA	NA	NA	NA
	MW-2_20091201		12/2/2009	(a)	49	NA	NA	NA	NA
	MW-2_20081201		12/1/2008	(a)	71	NA	NA	NA	NA
	MW-2_20071109		11/9/2007	(a)	110	NA	NA	NA	NA
	MW-2_20070906		9/6/2007	(a)	110	NA	NA	NA	NA
	MW-2_20070614		6/14/2007	(a)	68	NA	NA	NA	NA
	MW-2_20070315		3/15/2007	(a)	92	NA	NA	NA	NA
	MW-2_20061031		10/31/2006	(a)	210	NA	NA	NA	NA
	MW-2_20060918		9/18/2006	(a)	110	NA	NA	NA	NA
	MW-2_20060622		6/22/2006	(a)	44	NA	NA	NA	NA
RW-MW-3	MW-3_20120612	5-20	6/12/2012	(a)	41	NA	NA	NA	NA
	MW-3_20111101		11/1/2011	(a)	34	NA	NA	NA	NA
	MW-3_20101213		12/13/2010	(a)	100	NA	NA	NA	NA
	MW-3_20091202		12/2/2009	(a)	79	NA	NA	NA	NA
	MW-3_20081201		12/1/2008	(a)	120	NA	NA	NA	NA
	MW-3_20071109		11/9/2007	(a)	220	NA	NA	NA	NA
	MW-3_20070906		9/6/2007	(a)	290	NA	NA	NA	NA
	MW-3_20070614		6/14/2007	(a)	380	NA	NA	NA	NA
	MW-3_20070315		3/15/2007	(a)	430	NA	NA	NA	NA
	MW-3_20061031		10/31/2006	(a)	290	NA	NA	NA	NA
	MW-3_20060918		9/18/2006	(a)	210	NA	NA	NA	NA
	MW-3_20060622		6/22/2006	(a)	120	NA	NA	NA	NA
RW-MW-4	MW-4_20111101	8-23	11/1/2011	(a)	21	NA	NA	NA	NA
	MW-4_20101213		12/13/2010	(a)	1.3	NA	NA	NA	NA
	MW-4_20091202		12/2/2009	(a)	<0.5	NA	NA	NA	NA
	MW-4_20081201		12/1/2008	(a)	0.68	NA	NA	NA	NA
	MW-4_20071109		11/9/2007	(a)	1.5	NA	NA	NA	NA
	MW-4_20070906		9/6/2007	(a)	5.8	NA	NA	NA	NA
	MW-4_20070614		6/14/2007	(a)	30	NA	NA	NA	NA
	MW-4_20070315		3/15/2007	(a)	47	NA	NA	NA	NA
	MW-4_20061031		10/31/2006	(a)	79	NA	NA	NA	NA
	MW-4_20060918		9/18/2006	(a)	8.2	NA	NA	NA	NA
	MW-4_20060622		6/22/2006	(a)	8.5	NA	NA	NA	NA

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SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
RW-MW-5	MW-5_20111101	8-23	11/1/2011	(a)	<0.5	NA	NA	NA	NA
	MW-5_20101213		12/13/2010	(a)	3.1	NA	NA	NA	NA
	MW-5_20091202		12/2/2009	(a)	29	NA	NA	NA	NA
	MW-5_20081201		12/1/2008	(a)	26	NA	NA	NA	NA
	MW-5_20071109		11/9/2007	(a)	21	NA	NA	NA	NA
	MW-5_20070906		9/6/2007	(a)	10	NA	NA	NA	NA
	MW-5_20070614		6/14/2007	(a)	<0.5	NA	NA	NA	NA
	MW-5_20070315		3/15/2007	(a)	<0.5	NA	NA	NA	NA
	MW-5_20061031		10/31/2006	(a)	<0.5	NA	NA	NA	NA
	MW-5_20060918		9/18/2006	(a)	<0.5	NA	NA	NA	NA
	MW-5_20060622		6/22/2006	(a)	<0.5	NA	NA	NA	NA
RW-MW-6	MW-6_20111101	8-23	11/1/2011	(a)	5	NA	NA	NA	NA
	MW-6_20101213		12/13/2010	(a)	52	NA	NA	NA	NA
	MW-6_20091202		12/2/2009	(a)	51	NA	NA	NA	NA
	MW-6_20091202		12/1/2008	(a)	110	NA	NA	NA	NA
	MW-6_20081201		11/9/2007	(a)	200	NA	NA	NA	NA
	MW-6_20071109		9/6/2007	(a)	160	NA	NA	NA	NA
	MW-6_20070906		6/14/2007	(a)	120	NA	NA	NA	NA
	MW-6_20070315		3/15/2007	(a)	140	NA	NA	NA	NA
	MW-6_20061031		10/31/2006	(a)	41	NA	NA	NA	NA
	MW-6_20060918		9/18/2006	(a)	8.2	NA	NA	NA	NA
	MW-6_20060622		6/22/2006	(a)	8.8	NA	NA	NA	NA
RW-MW-7	MW-7_20120612	10-25	6/12/2012	(a)	29	NA	NA	NA	NA
	MW-7_20111101		11/1/2011	(a)	40	NA	NA	NA	NA
	MW-7_20110629		6/29/2011	(a)	7.8	NA	NA	NA	NA
	MW-7_20101213		12/13/2010	(a)	ND	NA	NA	NA	NA
	MW-7_20100614		6/14/2010	(a)	14	NA	NA	NA	NA
	MW-7_20090520		5/20/2009	(a)	19	NA	NA	NA	NA
	MW-7_20081201		12/1/2008	(a)	7.3	NA	NA	NA	NA
	MW-7_20080724		7/24/2008	(a)	10	NA	NA	NA	NA
	MW-7_20080516		5/16/2008	(a)	28	NA	NA	NA	NA
	MW-7_20080331		3/31/2008	(a)	26	NA	NA	NA	NA
	MW-7_20071109		11/9/2007	(a)	11	NA	NA	NA	NA
	MW-7_20070906		9/6/2007	(a)	8.3	NA	NA	NA	NA
	MW-7_20070614		6/14/2007	(a)	50	NA	NA	NA	NA
	MW-7_20070315		3/15/2007	(a)	65	NA	NA	NA	NA
	MW-7_20061031		10/31/2006	(a)	32	NA	NA	NA	NA
	MW-7_20060918		9/18/2006	(a)	86	NA	NA	NA	NA
	MW-7_20060622		6/22/2006	(a)	77	NA	NA	NA	NA
RW-MW-8	MW-8_20120612	10-25	6/12/2012	(a)	13	NA	NA	NA	NA
	MW-8_20101213		12/13/2010	(a)	28	NA	NA	NA	NA
	MW-8_20100614		6/14/2010	(a)	28	NA	NA	NA	NA
	MW-8_20091202		12/2/2009	(a)	34	NA	NA	NA	NA
	MW-8_20090520		5/20/2009	(a)	31	NA	NA	NA	NA
	MW-8_20081201		12/1/2008	(a)	6.8	NA	NA	NA	NA
	MW-8_20080724		7/24/2008	(a)	67	NA	NA	NA	NA
	MW-8_20080516		5/16/2008	(a)	61	NA	NA	NA	NA
	MW-8_20080331		3/31/2008	(a)	63	NA	NA	NA	NA
	MW-8_20071109		11/9/2007	(a)	68	NA	NA	NA	NA
	MW-8_20070906		9/6/2007	(a)	58	NA	NA	NA	NA
	MW-8_20070614		6/14/2007	(a)	93	NA	NA	NA	NA
	MW-8_20070315		3/15/2007	(a)	97	NA	NA	NA	NA
	MW-8_20061031		10/31/2006	(a)	120	NA	NA	NA	NA
	MW-8_20060918		9/18/2006	(a)	190	NA	NA	NA	NA
	MW-8_20060622		6/22/2006	(a)	150	NA	NA	NA	NA

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Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
RW-MW-9	MW-9_20111101	10-25	11/1/2011	(a)	<0.5	NA	NA	NA	NA
	MW-9_20101213		12/13/2010	(a)	<0.5	NA	NA	NA	NA
	MW-9_20091202		12/2/2009	(a)	<0.5	NA	NA	NA	NA
	MW-9_20081201		12/1/2008	(a)	<0.5	NA	NA	NA	NA
	MW-9_20071109		11/9/2007	(a)	<0.5	NA	NA	NA	NA
	MW-9_20070906		9/6/2007	(a)	<0.5	NA	NA	NA	NA
	MW-9_20070614		6/14/2007	(a)	<0.5	NA	NA	NA	NA
	MW-9_20070315		3/15/2007	(a)	<0.5	NA	NA	NA	NA
	MW-9_20061031_25_ND		10/31/2006	(a)	<0.5	NA	NA	NA	NA
	MW-9_20060918_25_ND		9/18/2006	(a)	<0.5	NA	NA	NA	NA
	MW-9_20060622_25_ND		6/22/2006	(a)	<0.5	NA	NA	NA	NA
RW-MW-10	MW-10_20111101	10-25	11/1/2011	(a)	2.5	NA	NA	NA	NA
	MW-10_20101213		12/13/2010	(a)	18	NA	NA	NA	NA
	MW-10_20091202		12/2/2009	(a)	120	NA	NA	NA	NA
	MW-10_20081201		12/1/2008	(a)	180	NA	NA	NA	NA
	MW-10_20071109		11/9/2007	(a)	340	NA	NA	NA	NA
	MW-10_20070906		9/6/2007	(a)	270	NA	NA	NA	NA
	MW-10_20070614		6/14/2007	(a)	250	NA	NA	NA	NA
	MW-10_20070315		3/15/2007	(a)	140	NA	NA	NA	NA
	MW-10_20061031_25_110		10/31/2006	(a)	110	NA	NA	NA	NA
	MW-10_20060918_25_92		9/18/2006	(a)	92	NA	NA	NA	NA
	MW-10_20060622_25_50		6/22/2006	(a)	50	NA	NA	NA	NA
SB-20	SB-20_1999_20	20-20	1/1/1999	(a)	10.5	NA	NA	NA	NA
	SB-20_1999_40	40-40	1/1/1999	(a)	51	NA	NA	NA	NA
	SB-20_1999_80	80-80	1/1/1999	(a)	2	NA	NA	NA	NA
SHELL-MW-1	Shell Station_MW-1_07091992_30_ND	10-30	7/9/1992	(a)	<5	<5	<5	NA	<5
	Shell Station_MW-1_04171992_30_ND		4/17/1992	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-1_01161992_30_ND		1/16/1992	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-1_10101991_30_ND		10/10/1991	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-1_07251991_30_ND		7/25/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Shell Station_MW-1_04151991_30_ND		4/15/1991	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-1_01091991_30_ND		1/9/1991	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-1_19901010		10/10/1990	(a)	<2	<2	<2	NA	NA
	Shell Station_MW-1_19900712		7/12/1990	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-1_19900402		4/2/1990	(a)	<2	<2	NA	NA	NA
SHELL-MW-2	Shell Station_MW-2_07091992_35_ND	10-35	7/9/1992	(a)	<5	<5	<5	NA	<5
	Shell Station_MW-2_04171992_35_ND		4/17/1992	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-2_01161992_35_ND		1/16/1992	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-2_10101991_35_0.9		10/10/1991	(a)	0.9	ND	ND	NA	NA
	Shell Station_MW-2_07251991_35_ND		7/25/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Shell Station_MW-2_04151991_35_8		4/15/1991	(a)	8	ND	ND	NA	NA
	Shell Station_MW-2_01091991_35_1.1		1/9/1991	(a)	1.1	ND	ND	NA	NA
	Shell Station_MW-2_19901010		10/10/1990	(a)	<2	<2	<2	NA	NA
	Shell Station_MW-2_19900712		7/12/1990	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-2_19900402		4/2/1990	(a)	<2	<2	NA	NA	NA
SHELL-MW-3	Shell Station_MW-3_07091992_35_ND	10-35	7/9/1992	(a)	<5	<5	<5	NA	<5
	Shell Station_MW-3_04171992_35_ND		4/17/1992	(a)	ND	ND	ND	NA	NA
	Shell Station_MW-3_01251992_35_0.8		1/25/1992	(a)	0.84	ND	ND	NA	NA
	Shell Station_MW-3_10101991_35_2.5		10/10/1991	(a)	2.5	ND	ND	NA	NA
	Shell Station_MW-3_07251991_35_1		7/25/1991	(a)	1	<0.5	<0.5	NA	<0.5
	Shell Station_MW-3_04151991_35_1.5		4/15/1991	(a)	1.5	ND	ND	NA	NA
	Shell Station_MW-3_01091991_35_3.3		1/9/1991	(a)	3.3	ND	ND	NA	NA
	Shell Station_MW-3_19901010		10/10/1990	(a)	3.4	<2	<2	NA	NA
	Shell Station_MW-3_19900712		7/12/1990	(a)	4.1	<2	<2	NA	NA
	Shell Station_MW-3_19900402		4/2/1990	(a)	3.2	<2	NA	NA	NA
SHELL-MW-4	Shell Station_MW-4_07091992_35_ND	10-35	7/9/1992	(a)	<5	<5	<5	NA	<5
	Shell Station_MW-4_04171992_35_2.9		4/17/1992	(a)	2.9	ND	ND	NA	NA
	Shell Station_MW-4_01161992_35_3.5		1/16/1992	(a)	3.5	ND	ND	NA	NA
	Shell Station_MW-4_10101991_35_8.5		10/10/1991	(a)	8.5	ND	ND	NA	NA
	Shell Station_MW-4_07251991_35_7.7		7/25/1991	(a)	7.7	<0.5	<0.5	NA	<0.5
	Shell Station_MW-4_04151991_35_3		4/15/1991	(a)	3	ND	ND	NA	NA
	Shell Station_MW-4_01091991_35_4.3		1/9/1991	(a)	4.3	ND	ND	NA	NA
	Shell Station_MW-4_19901010		10/10/1990	(a)	4.1	<2	<2	NA	NA
	Shell Station_MW-4_19900712		7/12/1990	(a)	8.6	ND	ND	NA	NA
	Shell Station_MW-4_19900402		4/2/1990	(a)	4.9	<2	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SHELL-MW-5	Shell Station_MW-5_07091992_35_15	10-35	7/9/1992	(a)	15	<5	<5	NA	<5
	Shell Station_MW-5_01161992_35_3.7		1/16/1992	(a)	3.7	ND	ND	NA	NA
	Shell Station_MW-5_10101991_35_12		10/10/1991	(a)	12	ND	ND	NA	NA
	Shell Station_MW-5_07251991_35_29		7/25/1991	(a)	20	<0.5	<0.5	NA	<0.5
	Shell Station_MW-5_04151991_35_12		4/15/1991	(a)	12	ND	ND	NA	NA
	Shell Station_MW-5_01091991_35_28		1/9/1991	(a)	28	8	ND	NA	NA
	Shell Station_MW-5_19901010		10/10/1990	(a)	27	<2	<2	NA	NA
	Shell Station_MW-5_19900712		7/12/1990	(a)	27	ND	ND	NA	NA
	Shell Station_MW-5_19900402		4/2/1990	(a)	24	<2	NA	NA	NA
SHELL-MW-6	Shell Station_MW-6_07091992_35_43	10-35	7/9/1992	(a)	43	<5	<5	NA	<5
	Shell Station_MW-6_01161992_35_92		1/16/1992	(a)	92	ND	ND	NA	NA
	Shell Station_MW-6_10101991_35_44		10/10/1991	(a)	44	0.8	ND	NA	NA
	Shell Station_MW-6_07251991_35_38		7/25/1991	(a)	38	<0.5	0.6	NA	<0.5
	Shell Station_MW-6_19900712		7/12/1991	(a)	100	2.9	2.9	NA	NA
	Shell Station_MW-6_04151991_35_35		4/15/1991	(a)	35	7	ND	NA	NA
	Shell Station_MW-6_01091991_35_28		1/9/1991	(a)	28	6	6	NA	NA
	Shell Station_MW-6_19901010		10/10/1990	(a)	58	<2	<2	NA	NA
	Shell Station_MW-6_19900402		4/2/1990	(a)	54	<2	NA	NA	NA
SHELL-MW-7	Shell Station_MW-7_07091992_35_ND	15-35	7/9/1992	(a)	<5	<5	<5	NA	<5
	Shell Station_MW-7_01161992_35_3		1/16/1992	(a)	3	ND	ND	NA	NA
	Shell Station_MW-7_10101991_35_5.7		10/10/1991	(a)	5.7	ND	ND	NA	NA
	Shell Station_MW-7_07251991_35_3.9		7/25/1991	(a)	3.9	<0.5	<0.5	NA	<0.5
	Shell Station_MW-7_04151991_35_2.4		4/15/1991	(a)	2.4	ND	ND	NA	NA
	Shell Station_MW-7_01091991_35_35		1/9/1991	(a)	36	ND	ND	NA	NA
	Shell Station_MW-7_19901010		10/10/1990	(a)	2.9	<2	<2	NA	NA
	Shell Station_MW-7_19900726		7/26/1990	(a)	3.6	ND	ND	NA	NA
SHELL-MW-8	Shell Station_MW-8_10101991_35_1.1	15-35	10/10/1991	(a)	1.1	ND	ND	NA	NA
	Shell Station_MW-8_07251991_35_ND		7/25/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Shell Station_MW-8_04151991_35_6		4/15/1991	(a)	6	ND	ND	NA	NA
	Shell Station_MW-8_01091991_35_2.1		1/9/1991	(a)	2.1	ND	ND	NA	NA
	Shell Station_MW-8_19901010		10/10/1990	(a)	3.1	<2	<2	NA	NA
	Shell Station_MW-8_19900726		7/26/1990	(a)	2.7	ND	ND	NA	NA
SHELL-MW-9	Shell Station_MW-9_07091992_35_9.7	15-35	7/9/1992	(a)	9.7	<5	<5	NA	<5
	Shell Station_MW-9_01161992_35_45		1/16/1992	(a)	45	ND	ND	NA	NA
	Shell Station_MW-9_10101991_35_4.8		10/10/1991	(a)	4.8	ND	ND	NA	NA
	Shell Station_MW-9_07251991_35_33		7/25/1991	(a)	33	<0.5	<0.5	NA	<0.5
	Shell Station_MW-9_04151991_35_73		4/15/1991	(a)	73	1.3	25	NA	NA
	Shell Station_MW-9_01091991_35_54		1/9/1991	(a)	54	1.4	31	NA	NA
	Shell Station_MW-9_19901010		10/10/1990	(a)	89	2.4	2.8	NA	NA
	Shell Station_MW-9_19900726		7/26/1990	(a)	140	2.7	3.1	NA	NA
SHELL-S-2	S-2_20050421	10-30	4/21/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
SHELL-S-5	S-5-41_20050421	36-41	4/21/2005	(a)	0.96	<0.5	<0.5	NA	<0.5
Shell-S-7A	LTLW_S-7A_09112004_20_ND	15-20	9/11/2004	(a)	<0.5	NA	NA	NA	NA
Shell-S-7B	LTLW_S-7B_09112004_45_8.3	40-45	9/11/2004	(a)	8.3	NA	NA	NA	NA
Shell-SB-12	SB-12_1999_20	20-20	1/1/1999	(a)	16.3	NA	NA	NA	NA
	SB-12_1999_30	30-30	1/1/1999	(a)	11.5	NA	NA	NA	NA
Shell-SB-13	SB-13_1999_20	20-20	1/1/1999	(a)	0.65	NA	NA	NA	NA
	SB-13_1999_30	30-30	1/1/1999	(a)	ND	NA	NA	NA	NA
SM-EW-4A	415RB6005_20140813	15-30	8/13/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
SM-MW-1	MW-1,12/20/2004	7-30	12/20/2004	(a)	<5	NA	NA	NA	NA
	MW-1,10/4/2004		10/4/2004	(a)	<5	NA	NA	NA	NA
	MW-1, 4/5/2004		4/5/2004	(a)	<5	NA	NA	NA	NA
	MW-1,1/7/2004		1/7/2004	(a)	<5	NA	NA	NA	NA
	MW-1,10/8/2003		10/8/2003	(a)	<5	NA	NA	NA	NA
	MW-1, 6/16/2003		6/16/2003	(a)	<0.5	NA	NA	NA	NA
	MW-1, 3/16/2003		3/16/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-2A	MW-2A,12/20/2004	15-25	12/20/2004	(a)	1.8 J	NA	NA	NA	NA
	MW-2A, 4/5/2004		4/5/2004	(a)	<5	NA	NA	NA	NA
	MW-2A, 10/8/2003		10/8/2003	(a)	<5	NA	NA	NA	NA
	MW-2A, 6/16/2003		6/16/2003	(a)	<0.5	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SM-MW-2B	MW-2B, 12/20/2004	34-49	12/20/2004	(a)	16	NA	NA	NA	NA
	MW-2B, 10/4/2004		10/4/2004	(a)	24	NA	NA	NA	NA
	MW-2B, 4/5/2004		4/5/2004	(a)	21	NA	NA	NA	NA
	MW-2B, 10/8/2003		10/8/2003	(a)	21	NA	NA	NA	NA
	MW-2B, 6/16/2003		6/16/2003	(a)	13	NA	NA	NA	NA
	MW-2B, 3/19/2003		3/19/2003	(a)	8.3	NA	NA	NA	NA
SM-MW-2C	MW-2C, 12/20/2004	61-81	12/20/2004	(a)	22	NA	NA	NA	NA
	MW-2C, 10/4/2004		10/4/2004	(a)	33	NA	NA	NA	NA
	MW-2C, 4/5/2004		4/5/2004	(a)	38	NA	NA	NA	NA
	MW-2C, 10/8/2003		10/8/2003	(a)	54	NA	NA	NA	NA
	MW-2C, 6/16/2003		6/16/2003	(a)	52	NA	NA	NA	NA
	MW-2C, 3/17/2003		3/17/2003	(a)	62	NA	NA	NA	NA
SM-MW-3A	MW-3A, 10/9/2003	15-25	10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-3A, 6/17/2003		6/17/2003	(a)	0.94	NA	NA	NA	NA
	MW-3A, 3/17/2003		3/17/2003	(a)	0.76	NA	NA	NA	NA
SM-MW-3B	MW-3B, 10/9/2003	35-50	10/9/2003	(a)	3.9	NA	NA	NA	NA
	MW-3B, 6/17/2003		6/17/2003	(a)	20	NA	NA	NA	NA
	MW-3B, 3/17/2003		3/17/2003	(a)	69	NA	NA	NA	NA
SM-MW-3C	MW-3C, 12/20/2004	58-78	12/20/2004	(a)	91	NA	NA	NA	NA
	MW-3C, 10/4/2004		10/4/2004	(a)	79	NA	NA	NA	NA
	MW-3C, 4/6/2004		4/6/2004	(a)	85	NA	NA	NA	NA
	MW-3C, 1/7/2004		1/7/2004	(a)	115	NA	NA	NA	NA
	MW-3C, 10/9/2003		10/9/2003	(a)	59	NA	NA	NA	NA
	MW-3C, 6/18/2003		6/18/2003	(a)	110	NA	NA	NA	NA
	MW-3C, 3/17/2003		3/17/2003	(a)	170	NA	NA	NA	NA
SM-MW-4A	MW-4A, 5/2/2018	15-25	5/2/2018	(a)	1.5	<0.5	<0.5	NA	<0.5
	MW-4A_20170627		6/27/2017	(a)	6.9	<0.5	<0.5	NA	NA
	MW-4A_20161012		10/12/2016	(a)	15	0.3	<0.5	NA	NA
	516 RB 6028 MW-4A_20151030		10/30/2015	(a)	14	NA	NA	NA	NA
	415RB6004_20140813		8/13/2014	(a)	2.9	<0.5	<0.5	NA	<0.5
	MW-4A, 10/9/2003		10/9/2003	(a)	1.5	NA	NA	NA	NA
SM-MW-4A	MW-4A, 6/17/2003	15-25	6/17/2003	(a)	1.5	NA	NA	NA	NA
	MW-4A, 3/17/2003		3/17/2003	(a)	2.2	NA	NA	NA	NA
SM-MW-4B	MW-4B, 5/2/2018	35-50	5/2/2018	(a)	64	2.3	0.8	NA	<0.5
	MW-4B_20170627		6/27/2017	(a)	86	3.5	<0.5	NA	NA
	MW-4B_20161012		10/12/2016	(a)	110	4.2	1.4	NA	NA
	516 RB 6027 MW-4B_20151030		10/30/2015	(a)	150	NA	NA	NA	NA
	MW-4B, 10/9/2003		10/9/2003	(a)	3.9	NA	NA	NA	NA
	MW-4B, 6/17/2003		6/17/2003	(a)	8.5	NA	NA	NA	NA
	MW-4B, 3/17/2003		3/17/2003	(a)	4.9	NA	NA	NA	NA
SM-MW-4C	MW-4C, 5/2/2018	59-79	5/2/2018	(a)	2.7	<0.5	<0.5	NA	<0.5
	MW-4C_20170626		6/26/2017	(a)	1.0	<0.5	<0.5	NA	NA
	MW-4C_20161012		10/12/2016	(a)	1.8	<0.5	<0.5	NA	NA
	MW-4C, 10/9/2003		10/9/2003	(a)	3.3	NA	NA	NA	NA
	MW-4C, 6/17/2003		6/17/2003	(a)	2.1	NA	NA	NA	NA
	MW-4C, 3/17/2003		3/17/2003	(a)	0.9	NA	NA	NA	NA
SM-MW-5A	MW-5A, 10/9/2003	15-25	10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-5A, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-5A, 3/18/2003		3/18/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-5B	MW-5B 12/20/2004	35-50	12/20/2004	(a)	6.8	NA	NA	NA	NA
	MW-5B, 10/4/2004		10/4/2004	(a)	2.5 J	NA	NA	NA	NA
	MW-5B, 4/5/2004		4/5/2004	(a)	11	NA	NA	NA	NA
	MW-5B, 1/7/2004		1/7/2004	(a)	1.9	NA	NA	NA	NA
	MW-5B, 10/10/2003		10/10/2003	(a)	2.7	NA	NA	NA	NA
	MW-5B, 6/17/2003		6/17/2003	(a)	1.8	NA	NA	NA	NA
	MW-5B, 3/18/2003		3/18/2003	(a)	3.1	NA	NA	NA	NA
SM-MW-5C	MW-5C, 10/9/2003	60-79.5	10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-5C, 6/17/2003		6/17/2003	(a)	0.95	NA	NA	NA	NA
	MW-5C, 3/18/2003		3/18/2003	(a)	1.1	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SM-MW-5D	MW-5D, 10/10/2003	120-140	10/10/2003	(a)	7.5	NA	NA	NA	NA
	MW-5D, 6/18/2003		6/18/2003	(a)	1.4	NA	NA	NA	NA
	MW-5D, 3/18/2003		3/18/2003	(a)	2.1	NA	NA	NA	NA
SM-MW-6A	MW-6A, 10/10/2003	20-30	10/10/2003	(a)	<5	NA	NA	NA	NA
	MW-6A, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-6A, 3/18/2003		3/18/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-6C	MW-6C, 12/20/2004	69.5-79.5	12/20/2004	(a)	43	NA	NA	NA	NA
	MW-6C, 10/4/2004		10/4/2004	(a)	23	NA	NA	NA	NA
	MW-6C, 4/6/2004		4/6/2004	(a)	27	NA	NA	NA	NA
	MW-6C, 1/7/2004		1/7/2004	(a)	38	NA	NA	NA	NA
	MW-6C, 10/10/2003		10/10/2003	(a)	25	NA	NA	NA	NA
	MW-6C, 6/17/2003		6/17/2003	(a)	32	NA	NA	NA	NA
	MW-6C, 3/18/2003		3/18/2003	(a)	55	NA	NA	NA	NA
SM-MW-6D	MW-6D, 10/10/2003	120-140	10/10/2003	(a)	20	NA	NA	NA	NA
	MW-6D, 6/18/2003		6/18/2003	(a)	18	NA	NA	NA	NA
	MW-6D, 3/18/2003		3/18/2003	(a)	9.4	NA	NA	NA	NA
SM-MW-7A	MW-7A_20160926	15-25	9/26/2016	(a)	<0.5	<0.5	<0.5	NA	NA
	PATLANSS-S_20151028		10/28/2015	(a)	<0.5	NA	NA	NA	NA
	MW-7A, 10/9/2003		10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-7A, 6/18/2003		6/18/2003	(a)	<0.5	NA	NA	NA	NA
	MW-7A, 3/18/2003		3/18/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-7C	MW-7C, 5/2/2018	60-80	5/2/2018	(a)	3.4	<0.5	0.6	NA	<0.5
	MW-7C_20160926		9/26/2016	(a)	5.2	<0.5	<0.5	NA	NA
	MW-7C, 12/20/2004		12/20/2004	(a)	9.4	NA	NA	NA	NA
	MW-7C, 10/4/2004		10/4/2004	(a)	11	NA	NA	NA	NA
	MW-7C, 4/6/2004		4/6/2004	(a)	5.3	NA	NA	NA	NA
	MW-7C, 1/7/2004		1/7/2004	(a)	15	NA	NA	NA	NA
	MW-7C, 10/9/2003		10/9/2003	(a)	3.6	NA	NA	NA	NA
	MW-7C, 6/18/2003		6/18/2003	(a)	13	NA	NA	NA	NA
	MW-7C, 3/18/2003		3/18/2003	(a)	15	NA	NA	NA	NA
SM-MW-7D	MW-7D, 5/2/2018	120-140	5/2/2018	(a)	14	<0.5	<0.5	NA	<0.5
	MW-7D, 10/9/2003		10/9/2003	(a)	2.9	NA	NA	NA	NA
	MW-7D, 6/18/2003		6/18/2003	(a)	5.7	NA	NA	NA	NA
	MW-7D, 3/18/2003		3/18/2003	(a)	7.2	NA	NA	NA	NA
SM-MW-8A	MW-8A_20160926	15-25	9/26/2016	(a)	<0.5	<0.5	<0.5	NA	NA
	MW-8A, 12/20/2004		12/20/2004	(a)	<5	NA	NA	NA	NA
	MW-8A, 10/4/2004		10/4/2004	(a)	<5	NA	NA	NA	NA
	MW-8A, 4/7/2004		4/7/2004	(a)	<5	NA	NA	NA	NA
	MW-8A, 1/7/2004		1/7/2004	(a)	<1	NA	NA	NA	NA
	MW-8A, 10/10/2003		10/10/2003	(a)	<5	NA	NA	NA	NA
	MW-8A, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-8A, 3/18/2003		3/18/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-8B	MW-8B_20160926	35-50	9/26/2016	(a)	0.3	<0.5	<0.5	NA	NA
	MW-8B, 12/20/2004		12/20/2004	(a)	0.6 J	NA	NA	NA	NA
	MW-8B, 10/4/2004		10/4/2004	(a)	<5	NA	NA	NA	NA
	MW-8B, 4/7/2004		4/7/2004	(a)	<5	NA	NA	NA	NA
	MW-8B,1/7/2004		1/7/2004	(a)	<1	NA	NA	NA	NA
	MW-8B, 10/10/2003		10/10/2003	(a)	<5	NA	NA	NA	NA
	MW-8B, 6/17/2003		6/17/2003	(a)	0.84	NA	NA	NA	NA
	MW-8B, 3/18/2003		3/18/2003	(a)	1.1	NA	NA	NA	NA
SM-MW-8C	MW-8C_20160926	65-80	9/26/2016	(a)	1.9	<0.5	<0.5	NA	NA
	MW-8C, 10/10/2003		10/10/2003	(a)	9.9	NA	NA	NA	NA
	MW-8C, 6/17/2003		6/17/2003	(a)	11	NA	NA	NA	NA
	MW-8C, 3/18/2003		3/18/2003	(a)	13	NA	NA	NA	NA
SM-MW-9A	MW-9A_20170629	15-25	6/29/2017	(a)	<0.5	<0.5	<0.5	NA	NA
	MW-9A_20160928		9/28/2016	(a)	<0.5	<0.5	<0.5	NA	NA
	415RB6006_20140813		8/13/2014	(a)	5	<0.5	<0.5	NA	<0.5
	MW-9A, 10/8/2003		10/8/2003	(a)	<5	NA	NA	NA	NA
	MW-9A, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-9A, 3/17/2003		3/17/2003	(a)	<0.5	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SM-MW-9B	MW-9B_20170629	35-50	6/29/2017	(a)	4.6	<0.5	<0.5	NA	NA
	MW-9B_20160928		9/28/2016	(a)	9.2	<0.5	<0.5	NA	NA
	MW-9B, 10/8/2003		10/8/2003	(a)	<5	NA	NA	NA	NA
	MW-9B, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-9B, 3/17/2003		3/17/2003	(a)	0.51	NA	NA	NA	NA
SM-MW-9C	MW-9C_20170628	65-80	6/28/2017	(a)	2.0	<0.5	<0.5	NA	NA
	MW-9C_20160928		9/28/2016	(a)	1.8	<0.5	<0.5	NA	NA
	MW-9C, 10/8/2003		10/8/2003	(a)	1.8	NA	NA	NA	NA
	MW-9C, 6/17/2003		6/17/2003	(a)	1.6	NA	NA	NA	NA
	MW-9C, 3/17/2003		3/17/2003	(a)	1.8	NA	NA	NA	NA
SM-MW-10A	MW-10A, 10/9/2003	15-25	10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-10A, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-10A, 3/17/2003		3/17/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-10B	MW-10B, 5/2/2018	35-50	5/2/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	MW-10B, 10/9/2003		10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-10B, 6/17/2003		6/17/2003	(a)	1.3	NA	NA	NA	NA
	MW-10B, 3/17/2003		3/17/2003	(a)	1.5	NA	NA	NA	NA
SM-MW-10C	MW-10C, 5/2/2018	65-80	5/2/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	MW-10C, 12/20/2004		12/20/2004	(a)	1.9 J	NA	NA	NA	NA
	MW-10C, 10/4/2004		10/4/2004	(a)	3.1 J	NA	NA	NA	NA
	MW-10C, 4/7/2004		4/7/2004	(a)	2.7 J	NA	NA	NA	NA
	MW-10C,1/7/2004		1/7/2004	(a)	2.3	NA	NA	NA	NA
	MW-10C, 10/9/2003		10/9/2003	(a)	2	NA	NA	NA	NA
	MW-10C, 6/18/2003		6/18/2003	(a)	3.5	NA	NA	NA	NA
	MW-10C, 3/17/2003		3/17/2003	(a)	4.3	NA	NA	NA	NA
SM-MW-11B	MW-11B, 12/20/2004	35-50	12/20/2004	(a)	<5	NA	NA	NA	NA
	MW-11B, 10/4/2004		10/4/2004	(a)	<5	NA	NA	NA	NA
	MW-11B, 4/6/2004		4/6/2004	(a)	<5	NA	NA	NA	NA
	MW-11B, 10/9/2003		10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-11B, 6/18/2003		6/18/2003	(a)	<0.5	NA	NA	NA	NA
	MW-11B, 3/18/2003		3/18/2003	(a)	0.58	NA	NA	NA	NA
SM-MW-11C	MW-11C, 12/20/2004	65-80	12/20/2004	(a)	9.3	NA	NA	NA	NA
	MW-11C, 10/4/2004		10/4/2004	(a)	45	NA	NA	NA	NA
	MW-11C, 4/6/2004		4/6/2004	(a)	43	NA	NA	NA	NA
	MW-11C, 10/9/2003		10/9/2003	(a)	108	NA	NA	NA	NA
	MW-11C, 6/18/2003		6/18/2003	(a)	190	NA	NA	NA	NA
	MW-11C, 3/16/2003		3/16/2003	(a)	110	NA	NA	NA	NA
SM-MW-12A	MW-12A, 6/17/2003	15-25	6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-12A, 3/18/2003		3/18/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-12B	MW-12B, 6/17/2003	35-50	6/17/2003	(a)	49	NA	NA	NA	NA
	MW-12B, 3/18/2003		3/18/2003	(a)	11	NA	NA	NA	NA
SM-MW-12C	MW-12C, 6/17/2003	65-80	6/17/2003	(a)	62	NA	NA	NA	NA
	MW-12C, 3/18/2003		3/18/2003	(a)	32	NA	NA	NA	NA
SM-MW-13A	MW-13A, 10/8/2003	15-25	10/8/2003	(a)	<5	NA	NA	NA	NA
	MW-13A, 6/17/2003		6/17/2003	(a)	<0.5	NA	NA	NA	NA
	MW-13A, 3/17/2003		3/17/2003	(a)	<0.5	NA	NA	NA	NA
SM-MW-13B	MW-13B, 12/20/2004	35-50	12/20/2004	(a)	17	NA	NA	NA	NA
	MW-13B, 10/4/2004		10/4/2004	(a)	2.4 J	NA	NA	NA	NA
	MW-13B, 4/6/2004		4/6/2004	(a)	19	NA	NA	NA	NA
	MW-13B, 1/7/2004		1/7/2004	(a)	2.7	NA	NA	NA	NA
	MW-13B, 10/9/2003		10/9/2003	(a)	<5	NA	NA	NA	NA
	MW-13B, 6/17/2003		6/17/2003	(a)	7.3	NA	NA	NA	NA
	MW-13B, 3/19/2003		3/19/2003	(a)	5.2	NA	NA	NA	NA
SM-MW-13C	MW-13C, 12/20/2004	65-80	12/20/2004	(a)	43	NA	NA	NA	NA
	MW-13C, 10/4/2004		10/4/2004	(a)	49	NA	NA	NA	NA
	MW-13C, 4/6/2004		4/6/2004	(a)	37	NA	NA	NA	NA
	MW-13C, 1/7/2004		1/7/2004	(a)	88	NA	NA	NA	NA
	MW-13C, 10/8/2003		10/8/2003	(a)	52	NA	NA	NA	NA
	MW-13C, 6/17/2003		6/17/2003	(a)	74	NA	NA	NA	NA
	MW-13C, 3/17/2003		3/17/2003	(a)	64	NA	NA	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TA-EW-1	TA-EW-1 "9/14/2004"	5-49	9/14/2004	(a)	<0.5	NA	NA	NA	NA
	TA-EW-1 "6/16/2004"		6/16/2004	(a)	<0.5	NA	NA	NA	NA
	TA-EW-1 "3/17/2004"		3/17/2004	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-EW-1 "12/17/2003"		12/17/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-EW-1 "9/30/2003		9/30/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-EW-1 "6/5/2003"		6/5/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-EW-1 "3/20/2003"		3/20/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-EW-1 "5/30/2001"		5/30/2001	(a)	ND	ND	ND	NA	NA
	TA-EW-1 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-EW-1 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-EW-1 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-EW-1 "5/17/2000"		5/17/2000	(a)	0.32	ND	0.48	NA	NA
	TA-EW-1 "2/9/2000"		2/9/2000	(a)	0.022	NA	NA	NA	NA
	TA-EW-1 "11/11/1999"		11/11/1999	(a)	0.032	NA	NA	NA	NA
TA-MW-1	TA-MW-1 "3/17/2004"	24-24	3/17/2004	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-1 "12/16/2003"		12/16/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-1 "9/30/2003		9/30/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-1 "6/5/2003"		6/5/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-1 "3/20/2003"		3/20/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-1 "12/3/2002"		12/3/2002	(a)	<1.0	<1.0	<1.0	NA	NA
	TA-MW-1 "3/21/2002"		3/21/2002	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "12/19/2001"		12/19/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "9/18/2001"		9/18/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "5/30/2001"		5/30/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "10/30/1999"		10/30/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "8/17/1999"		8/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "5/17/1999"		5/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "3/2/1999"		3/2/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "9/2/1998"		9/2/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "6/30/1998"		6/30/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "4/23/1998"		4/23/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "12/16/1997"		12/16/1997	(a)	0.67	ND	ND	NA	NA
	TA-MW-1 "9/3/1997"		9/3/1997	(a)	ND	ND	ND	NA	NA
	TA-MW-1 "9/18/1996"		9/18/1996	(a)	0.54	ND	ND	NA	NA
TA-MW-2	TA-MW-2 "12/16/1997"	4.5-19.5	12/16/1997	(a)	4	2.2	31	NA	NA
	TA-MW-2 "9/3/1997"		9/3/1997	(a)	25	15	110	NA	NA
	TA-MW-2 "9/18/1996"		9/18/1996	(a)	3.1	ND	ND	NA	NA
TA-MW-3	TA-MW-3 "9/14/2004"	29-29	9/14/2004	(a)	<0.50	NA	NA	NA	NA
	TA-MW-3 "6/15/2004"		6/15/2004	(a)	0.52	NA	NA	NA	NA
	TA-MW-3 "3/16/2004"		3/16/2004	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-3 "12/16/2003"		12/16/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-3 "9/29/2003		9/29/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-3 "6/5/2003"		6/5/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-3 "3/20/2003"		3/20/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-3 "12/3/2002"		12/3/2002	(a)	<1.0	<1.0	<1.0	NA	NA
	TA-MW-3 "3/13/2002"		3/13/2002	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "12/19/2001"		12/19/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "9/18/2001"		9/18/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "5/30/2001"		5/30/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "8/17/1999"		8/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "5/17/1999"		5/17/1999	(a)	ND	ND	1.1	NA	NA
	TA-MW-3 "3/2/1999"		3/2/1999	(a)	ND	ND	1.2	NA	NA
	TA-MW-3 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	TA-MW-3 "9/2/1998"		9/2/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "6/30/1998"		6/30/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "4/23/1998"		4/23/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-3 "12/16/1997"		12/16/1997	(a)	ND	ND	1.9	NA	NA
	TA-MW-3 "9/3/1997"		9/3/1997	(a)	ND	ND	1	NA	NA
	TA-MW-3 "9/18/1996"		9/18/1996	(a)	1.2	ND	ND	NA	NA
TA-MW-4	TA-MW-4 "9/14/2004"	29-29	9/14/2004	(a)	0.81	NA	NA	NA	NA
	TA-MW-4 "6/16/2004"		6/16/2004	(a)	2.8	NA	NA	NA	NA
	TA-MW-4 "3/16/2004"		3/16/2004	(a)	1.4	<0.5	<0.5	NA	NA
	TA-MW-4 "12/17/2003"		12/17/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-4 "9/29/2003		9/29/2003	(a)	0.69	<0.5	<0.5	NA	NA
	TA-MW-4 "6/5/2003"		6/5/2003	(a)	1.5	<0.5	<0.5	NA	NA
	TA-MW-4 "3/20/2003"		3/20/2003	(a)	5.5	<0.5	<0.5	NA	NA
	TA-MW-4 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-4 "9/2/1998"		9/2/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-4 "6/30/1998"		6/30/1998	(a)	ND	ND	ND	NA	NA
	TA-MW-4 "12/16/1997"		12/16/1997	(a)	ND	ND	ND	NA	NA
	TA-MW-4 "9/3/1997"		9/3/1997	(a)	ND	ND	ND	NA	NA
	TA-MW-4 "2/3/1997"		2/3/1997	(a)	ND	ND	ND	NA	NA
TA-MW-5	TA-MW-5 "9/14/2004"	24-24	9/14/2004	(a)	0.56	NA	NA	NA	NA
	TA-MW-5 "6/16/2004"		6/16/2004	(a)	1.2	NA	NA	NA	NA
	TA-MW-5 "3/17/2004"		3/17/2004	(a)	6.3	<0.5	<0.5	NA	NA
	TA-MW-5 "12/17/2003"		12/17/2003	(a)	7.8	<0.5	<0.5	NA	NA
	TA-MW-5 "9/30/2003		9/30/2003	(a)	1.7	<0.5	<0.5	NA	NA
	TA-MW-5 "6/5/2003"		6/5/2003	(a)	0.88	<0.5	<0.5	NA	NA
	TA-MW-5 "3/20/2003"		3/20/2003	(a)	3.5	<0.5	<0.5	NA	NA
	TA-MW-5 "12/3/2002"		12/3/2002	(a)	4.6	<1.0	<1.0	NA	NA
	TA-MW-5 "3/13/2002"		3/13/2002	(a)	2.5	ND	ND	NA	NA
	TA-MW-5 "12/19/2001"		12/19/2001	(a)	3	ND	ND	NA	NA
	TA-MW-5 "9/18/2001"		9/18/2001	(a)	1.8	ND	ND	NA	NA
	TA-MW-5 "5/30/2001"		5/30/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-5 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-5 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-5 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-5 "5/17/2000"		5/17/2000	(a)	1.6	ND	ND	NA	NA
	TA-MW-5 "2/9/2000"		2/9/2000	(a)	2.3	ND	ND	NA	NA
	TA-MW-5 "11/11/1999"		11/11/1999	(a)	3.2	ND	ND	NA	NA
	TA-MW-5 "8/17/1999"		8/17/1999	(a)	3.8	ND	ND	NA	NA
	TA-MW-5 "5/17/1999"		5/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-5 "3/2/1999"		3/2/1999	(a)	3.9	ND	ND	NA	NA
	TA-MW-5 "1/4/1999"		1/4/1999	(a)	3.7	ND	ND	NA	NA
	TA-MW-5 "6/30/1998"		6/30/1998	(a)	4.1	ND	ND	NA	NA
	TA-MW-5 "4/23/1998"		4/23/1998	(a)	5.7	ND	ND	NA	NA
	TA-MW-5 "12/16/1997"		12/16/1997	(a)	2.7	ND	2.3	NA	NA
TA-MW-6	TA-MW-6 "9/14/2004"	4-19	9/14/2004	(a)	<0.5	NA	NA	NA	NA
	TA-MW-6 "6/16/2004"		6/16/2004	(a)	0.55	NA	NA	NA	NA
	TA-MW-6 "3/16/2004"		3/16/2004	(a)	0.73	<0.5	<0.5	NA	NA
	TA-MW-6 "12/17/2003"		12/17/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-6 "9/30/2003		9/30/2003	(a)	0.51	<0.5	<0.5	NA	NA
	TA-MW-6 "6/5/2003"		6/5/2003	(a)	0.94	<0.5	<0.5	NA	NA
	TA-MW-6 "3/20/2003"		3/20/2003	(a)	0.91	<0.5	<0.5	NA	NA
	TA-MW-6 "12/3/2002"		12/3/2002	(a)	<1.0	<1.0	<1.0	NA	NA
	TA-MW-6 "3/13/2002"		3/13/2002	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "12/19/2001"		12/19/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "9/18/2001"		9/18/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "5/30/2001"		5/30/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "8/17/1999"		8/17/1999	(a)	1.1	ND	ND	NA	NA
	TA-MW-6 "5/17/1999"		5/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "3/2/1999"		3/2/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-6 "9/15/1998"		9/15/1998	(a)	2.5	ND	ND	NA	NA

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TA-MW-7	TA-MW-7 "9/14/2004"	4.5-19.5	9/14/2004	(a)	0.5	NA	NA	NA	NA
	TA-MW-7 "6/15/2004"		6/15/2004	(a)	0.66	NA	NA	NA	NA
	TA-MW-7 "9/29/2003		9/29/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-7 "6/5/2003"		6/5/2003	(a)	0.75	<0.5	0.54	NA	NA
	TA-MW-7 "12/19/2001"		12/19/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "8/17/1999"		8/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-7 "5/17/1999"		5/17/1999	(a)	ND	ND	2.5	NA	NA
	TA-MW-7 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA
TA-MW-8	TA-MW-8 "9/14/2004"	5-20	9/14/2004	(a)	0.87	NA	NA	NA	NA
	TA-MW-8 "6/15/2004"		6/15/2004	(a)	1.9	NA	NA	NA	NA
	TA-MW-8 "3/17/2004"		3/17/2004	(a)	6	<0.50	<0.50	NA	NA
	TA-MW-8 "12/17/2003"		12/17/2003	(a)	2.2	<0.50	<0.50	NA	NA
TA-MW-8	TA-MW-8 "9/29/2003	5-20	9/29/2003	(a)	1.8	<0.50	<0.50	NA	NA
	TA-MW-8 "3/2/1999"		3/2/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-8 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA
TA-MW-9	TA-MW-9 "9/14/2004"	4-19	9/14/2004	(a)	<0.5	NA	NA	NA	NA
	TA-MW-9 "6/15/2004"		6/15/2004	(a)	<0.5	NA	NA	NA	NA
	TA-MW-9 "3/17/2004"		3/17/2004	(a)	0.7	<0.5	<0.5	NA	NA
	TA-MW-9 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "8/17/1999"		8/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "5/17/1999"		5/17/1999	(a)	ND	ND	ND	NA	NA
	TA-MW-9 "1/4/1999"		1/4/1999	(a)	ND	ND	ND	NA	NA
TA-MW-10	TA-MW-10 "3/13/2002"	5-24	3/13/2002	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "5/30/2001"		5/30/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "2/15/2001"		2/15/2001	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "8/10/2000"		8/10/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-10 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
TA-MW-11	TA-MW-11 "3/16/2004"	5-22	3/16/2004	(a)	<0.5	<0.5	<0.5	NA	NA
	TA-MW-11 "11/20/2000"		11/20/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-11 "5/17/2000"		5/17/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-11 "2/9/2000"		2/9/2000	(a)	ND	ND	ND	NA	NA
	TA-MW-11 "11/11/1999"		11/11/1999	(a)	ND	ND	ND	NA	NA
TKWC1-SW-1	TKWC1SW1-LF-2Q23 (low-flow)	117	4/27/2023	(c)	130	<0.5	<0.5	<0.5	<1
	TKWC1SW1-PB-2Q23	115.6-118.4	4/20/2023	(c)	150	<0.5	<0.5	<0.5	<1
	TKWC1SW1-LF-4Q22 (low-flow)	117	10/27/2022	(c)	150	<0.5	<0.5	<0.5	<1
	TKWC1SW1-PB-4Q22	115.6-118.4	10/19/2022	(c)	95	<0.5	<0.5	<0.5	<1
	TKWC1SW1-PB-2Q22	115.6-118.4	4/26/2022	(c)	120	<0.5	<0.5	<0.5	<1
	TKWC1SW1-PB-4Q21	115.6-118.4	10/20/2021	(c)	99	<0.5	<0.5	<0.5	<1
	TKWC1SW1-FD-4Q21 (duplicate)	115.6-118.4	10/20/2021	(c)	81	<0.5	<0.5	<0.5	<1
TKWC1-SW-2	TKWC1SW2-PB-2Q23	157.6-160.4	4/20/2023	(c)	<0.5	<0.5	<0.5	<0.5	<1
	TKWC1SW2-FD-2Q23 (duplicate)		4/20/2023	(c)	<0.5	<0.5	<0.5	<0.5	<1
	TKWC1SW2-PB-4Q22		10/19/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	TKWC1SW2-FD-4Q22 (duplicate)		10/19/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	TKWC1SW2-PB-2Q22		4/26/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	TKWC1SW2-FD-2Q22 (duplicate)		4/26/2022	(c)	<0.5	<0.5	<0.5	<0.5	<1
	TKWC1SW2-PB-2Q21		10/20/2021	(c)	<0.5	<0.5	<0.5	<0.5	<1
TKWC2-SW-1	TKWC2SW1-PB-2Q23	145.6-148.4	4/20/2023	(c)	50	0.73	1.0	<0.5	<1
	TKWC2SW1-PB-4Q22		10/19/2022	(c)	36	0.39 J	0.48 J	<0.5	<1
	TKWC2SW1-PB-2Q22		4/26/2022	(c)	40	0.73	1.0	<0.5	<1
	TKWC2SW1-PB-4Q21		10/19/2021	(c)	43	0.69	0.88	<0.5	<1
	TKWC2SW1-LF-4Q21 (low-flow)	150	10/19/2021	(c)	30	0.61	0.84	<0.5	<1

TABLE C-5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER MONITORING WELL SAMPLES

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location	Sample ID, Type, or Note	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms Per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TKWC2-SW-2	TKWC2SW2-PB-2Q23	175.6-178.4	4/20/2023	(c)	48	0.97	1.4	<0.5	<1
	TKWC2SW2-PB-4Q22		10/19/2022	(c)	41	0.84	1.1	<0.5	<1
	TKWC2SW2-PB-2Q22		4/26/2022	(c)	34	0.79	1.2	<0.5	<1
	TKWC2SW2-PB-4Q21		10/20/2021	(c)	21	0.69	0.91	<0.5	<1
UNK_MW-2	MW-2/ Lahontan_19970917	39-39	9/17/1997	(a)	<0.5	<0.5	<0.5	NA	NA
UNK_MW-3	MW-3_19970917	19.1-19.1	9/17/1997	(a)	1.1	<0.5	<0.5	NA	NA
USG-MW-38M	MW-38M_20080813	60-65	8/13/2008	(a)	3.45	<0.5	<0.5	NA	<0.5
	MW-38M_20040914		9/14/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
USG-MW-44D	NAPA_MW-44D_11112003_ND	92-92	11/11/2003	(a)	<1.0	<1.0	NA	NA	NA
USG-MW-44M	NAPA_MW-44M_11112003_ND	75-75	11/11/2003	(a)	<1.0	<1.0	NA	NA	NA

Abbreviations:

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
Dashes ('"--") denotes well was not sampled
AECOM - AECOM Technical Services, Inc.
bgs - below ground surface
cis-1,2-DCE - cis-1,2-dichloroethene
DUP - duplicate
EKI - EKI Environment & Water, Inc.
FD - field duplicate
ID - identification
J - estimated value
LF - low-flow
MCL - maximum contaminant level
NA - not applicable or available
ND - not detected and laboratory reporting limit is unavailable
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
TCE - trichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene
µg/L - micrograms per liter
WEST - WEST Environmental Services & Technology

Notes:

(a) AECOM, 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019 2020 Field Season* . 10 June 2022.
(b) WEST, 2025. *Third Quarter 2025 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California, 19 December 2025.*
EKI, 2019. *Investigation Summary Report, Former Lake Tahoe Laundry Works* , EKI Environment & Water, Inc., 1 April 2019.
Where discrepancies were identified in sample dates between EKI and WEST, the sample date was revised to match Geotracker data.
(c) AECOM, 2023. Semi-Annual Sentry *Groundwater Monitoring Report, Event 4: South "Y" PCE Plume, South Lake Tahoe, California* , 20 September 2023.
(d) WEST, 2026. *First Quarter 2026 Monitoring Report, Former Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, California, March 2026.*
(e) Geo-Logic Associates, *Site Investigation Summary Report and Feasibility Study, Former Norma's Cleaners, South Lake Tahoe, California* , 9 March 2026.
(f) Sample location names for wells associated with the Former Lake Tahoe Laundry Works Site have a prefix of "LT" on figures. For example, LW-MW-1S in this table is "LTLW-MW-1S" on figures

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
1995 12th Street Private Water Supply Well	199TWE-WG-01	NA	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	1995 12th Kitchen Faucet_20050921		9/21/2005	(a)	<0.5	<0.5	<0.5	NA	<1.0
2013 7th Street Private Water Supply Well	415RB6106_20140827	NA	8/27/2014	(a)	0.24 J	<0.5	<0.5	NA	<0.5
2111 Dunlap Drive Private Water Supply Well	2111 Dunlap_19991022	32-52	10/22/1999	(a)	12	<0.5	<0.5	NA	<0.5
575 Eloise Avenue Private Water Supply Well	575ELO-WG-01	NA	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	415RB6101_20140827		8/27/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
608 Emerald Bay Road Private Water Supply Well	608EME-WG-01	NA	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	608EME-WG-FD		10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	415RB6108_20140827		8/27/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
609 Eloise Avenue Private Water Supply Well	609ELO-WG-01	58-118	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	609 Eloise Ave_20190827		8/27/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	609ELO_2/12/2018		2/12/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	415RB6102_20140827		8/27/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
621 Eloise Avenue Private Water Supply Well	621ELO-WG-01	85-165	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	415RB6103_20140827		8/13/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
661 Emerald Bay Road Private Water Supply Well	661EME-WG-01	NA	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	415RB6008_20140813		8/13/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
675 Emerald Bay Road Private Water Supply Well	675EME-WG-01	NA	10/23/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	675EME_2/26/2018		2/26/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	415RB6104_20140827		8/27/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
702 Emerald Bay Road Private Water Supply Well	702 Emerald Bay_20051019	33-200	10/19/2005	(a)	1.8	<0.5	<0.5	NA	<1.0
705 Eloise Avenue Private Water Supply Well	415RB6007_20140813	36-60	8/13/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
848 Glorene Avenue Private Water Supply Well	848 Glorene Ave_848_07072003_Unkn	76-76	7/7/2003	(a)	17	<1.0	<1.0	NA	<1.0
883 Eloise Avenue Private Water Supply Well	415RB6111_20140914	44-64	9/11/2014	(a)	50	1.2	0.2 J	NA	<0.5
	415RB6107_20140827		8/27/2014	(a)	52	1.3	0.32 J	NA	<0.5
	883 Eloise, 12/20/2004		12/20/2004	(a)	<5	NA	NA	NA	NA
	883 Eloise, 10/4/2004		10/4/2004	(a)	<5	NA	NA	NA	NA
	883 Eloise, 4/7/2004		4/7/2004	(a)	<5	NA	NA	NA	NA
	883 Eloise, 1/7/2004		1/7/2004	(a)	<5	NA	NA	NA	NA
	883 Eloise, 10/10/2003		10/10/2003	(a)	<5	NA	NA	NA	NA
	883 Eloise, 6/18/2003		6/18/2003	(a)	0.5	NA	NA	NA	NA
	883 Eloise, 3/19/2003		3/19/2003	(a)	<0.5	NA	NA	NA	NA
903 Eloise Avenue Private Water Supply Well	415RB6125_20150127	56-76	1/27/2015	(a)	8.4	<0.5	<0.5	NA	<0.5
	903 Eloise, 7/25/2003		7/25/2005	(a)	1.6	NA	NA	NA	NA
	903 Eloise, 12/20/2004		12/20/2004	(a)	<5	NA	NA	NA	NA
	903 Eloise, 10/4/2004		10/4/2004	(a)	<5	NA	NA	NA	NA
	903 Eloise, 4/6/2004		4/6/2004	(a)	0.7 J	NA	NA	NA	NA
	903 Eloise, 1/7/2004		1/7/2004	(a)	0.6	NA	NA	NA	NA
	903 Eloise, 1/7/2004_Dup		1/7/2004	(a)	0.5	NA	NA	NA	NA
	903 Eloise, 10/10/2003		10/10/2003	(a)	<5	NA	NA	NA	NA
	903 Eloise, 6/18/2003		6/18/2003	(a)	0.51	NA	NA	NA	NA
	903 Eloise, 3/19/2003		3/19/2003	(a)	<0.5	NA	NA	NA	NA
Clement Municipal Water Supply Well	Clement_3/24/2020	40-120	3/24/2020	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_12/10/2019		12/10/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_7/10/2019		7/10/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_6/18/2019		6/18/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_1/29/2019		1/29/2019	(a)	0.36	<0.5	<0.5	NA	<0.5
	Clement_8/22/2018		8/22/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_6/12/2018		6/12/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/7/2018		2/7/2018	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/15/2017		11/15/2017	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/9/2017		8/9/2017	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/17/2017		5/17/2017	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/23/2017		2/23/2017	(a)	0.5	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Clement Municipal Water Supply Well	Clement_11/16/2016	40-120	11/16/2016	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/24/2016		8/24/2016	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/19/2016		5/19/2016	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/3/2016		2/3/2016	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/19/2015		11/19/2015	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/4/2015		8/4/2015	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/13/2015		5/13/2015	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/19/2015		2/19/2015	(a)	0.9	<0.5	<0.5	NA	<0.5
	Clement_11/24/2014		11/24/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/20/2014		8/20/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/14/2014		5/14/2014	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/8/2013		5/8/2013	(a)	0.7	<0.5	<0.5	NA	<0.5
	Clement_2/28/2013		2/28/2013	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/28/2012		11/28/2012	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/21/2012		8/21/2012	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/24/2012		5/24/2012	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_4/4/2012		4/4/2012	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/8/2012		2/8/2012	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/2/2011		11/2/2011	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/17/2011		8/17/2011	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/25/2011		5/25/2011	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/28/2011		2/28/2011	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/24/2010		11/24/2010	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/18/2010		8/18/2010	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/13/2010		5/13/2010	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/17/2010		2/17/2010	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/18/2009		11/18/2009	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/19/2009		8/19/2009	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/21/2009		5/21/2009	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/18/2009		2/18/2009	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/19/2008		11/19/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/20/2008		8/20/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/27/2008		5/27/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_4/9/2008		4/9/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_3/12/2008		3/12/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/19/2007		11/19/2007	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/22/2007		8/22/2007	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/23/2007		5/23/2007	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/8/2007		2/8/2007	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/15/2006		11/15/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/30/2006		8/30/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/24/2006		5/24/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/8/2006		2/8/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/17/2005		11/17/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/24/2005		8/24/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/26/2005		5/26/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/3/2005		2/3/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/18/2004		11/18/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/31/2004		8/31/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/26/2004		5/26/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/27/2004		2/27/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/20/2003		8/20/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/21/2003		5/21/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/4/2003		2/4/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/13/2002		11/13/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_8/28/2002		8/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_7/25/2002		7/25/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_6/20/2002		6/20/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/29/2002		5/29/2002	(a)	0.6	<0.5	<0.5	NA	<0.5
	Clement_4/10/2002		4/10/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_3/27/2002		3/27/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/14/2002		2/14/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_1/23/2002		1/23/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_12/12/2001		12/12/2001	(a)	0.8	<0.5	<0.5	NA	<0.5
	Clement_11/27/2001		11/27/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_10/17/2001		10/17/2001	(a)	0.5	<0.5	<0.5	NA	<0.5
	Clement_9/19/2001		9/19/2001	(a)	0.6	<0.5	<0.5	NA	<0.5
	Clement_8/15/2001		8/15/2001	(a)	1.7	<0.5	<0.5	NA	<0.5
	Clement_6/6/2001		6/6/2001	(a)	0.9	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Clement Municipal Water Supply Well	Clement_3/22/2001	40-120	3/22/2001	(a)	0.8	<0.5	<0.5	NA	<0.5
	Clement_11/20/2000		11/20/2000	(a)	1	<0.5	<0.5	NA	<0.5
	Clement_9/12/2000		9/12/2000	(a)	0.5	<0.5	<0.5	NA	<0.5
	Clement_4/19/2000		4/19/2000	(a)	0.5	<0.5	<0.5	NA	<0.5
	Clement_3/23/2000		3/23/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_11/17/1999		11/17/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_10/21/1999		10/21/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_9/23/1999		9/23/1999	(a)	0.5	<0.5	<0.5	NA	<0.5
	Clement_8/18/1999		8/18/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_7/14/1999		7/14/1999	(a)	0.5	<0.5	<0.5	NA	<0.5
	Clement_6/29/1999		6/29/1999	(a)	0.5	<0.5	<0.5	NA	<0.5
	Clement_5/12/1999		5/12/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_4/14/1999		4/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_3/11/1999		3/11/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/9/1999		2/9/1999	(a)	1.3	<0.5	<0.5	NA	<0.5
	Clement_1/11/1999		1/11/1999	(a)	110	1.7	2.7	NA	<0.5
	Clement_12/24/1998		12/24/1998	(a)	88	1.6	2.7	NA	<0.5
	Clement_12/23/1998		12/23/1998	(a)	88	1.6	2.6	NA	<0.5
	Clement_12/22/1998		12/22/1998	(a)	94	1.7	3	NA	<0.5
	Clement_12/21/1998		12/21/1998	(a)	120	2	2.7	NA	<0.5
	Clement_12/7/1998		12/7/1998	(a)	110	1.7	2.9	NA	<0.5
	Clement_11/9/1998		11/9/1998	(a)	120	1.7	2.9	NA	<0.5
	Clement_10/5/1998		10/5/1998	(a)	110	1.7	3.4	NA	<0.5
	Clement_9/8/1998		9/8/1998	(a)	144	2.17	3.77	NA	<0.5
	Clement_8/10/1998		8/10/1998	(a)	120	<0.5	3.5	NA	<0.5
	Clement_7/13/1998		7/13/1998	(a)	120	1.9	3.5	NA	<0.5
	Clement_6/23/1998		6/23/1998	(a)	100	1.4	2.7	NA	<0.5
	Clement_5/18/1998		5/18/1998	(a)	66	1.1	2.3	NA	<0.5
	Clement_4/8/1998		4/8/1998	(a)	81	1.2	2.2	NA	<0.5
	Clement_3/9/1998		3/9/1998	(a)	54	0.7	1.1	NA	<0.5
	Clement_2/3/1998		2/3/1998	(a)	0.7	<0.5	<0.5	NA	<0.5
	Clement_1/7/1998		1/7/1998	(a)	0.9	<0.5	<0.5	NA	<0.5
	Clement_19971203_1		12/3/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_19971203_2		12/3/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_19971203_3		12/3/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_19971203_4		12/3/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_199711203_5		12/3/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_19971114_1		11/14/1997	(a)	1.1	<0.5	<0.5	NA	NA
	Clement_19971114_2		11/14/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_19971114_3		11/14/1997	(a)	<0.5	<0.5	<0.5	NA	NA
	Clement_10/29/1997		10/29/1997	(a)	150	1.7	3.4	NA	<0.5
	Clement_19970916		9/16/1997	(a)	140	1.7	4.5	NA	NA
	Clement_7/22/1997		7/22/1997	(a)	130	2.2	4.1	NA	<0.5
	Clement_4/16/1997		4/16/1997	(a)	120	1.6	2.6	NA	<0.5
	Clement_1/22/1997		1/22/1997	(a)	170	1.9	3.2	NA	<0.5
	Clement_10/17/1996		10/17/1996	(a)	200	2.2	3.7	NA	<0.5
	Clement_7/17/1996		7/17/1996	(a)	130	1.6	3	NA	<0.5
	Clement_6/11/1996		6/11/1996	(a)	120	1.7	3.4	NA	<0.5
	Clement_4/16/1996		4/16/1996	(a)	65	1.4	2.6	NA	<0.5
	Clement_1/9/1996		1/9/1996	(a)	100	1.6	2.9	NA	<0.5
	Clement_10/16/1995		10/16/1995	(a)	150	<0.5	4.6	NA	<0.5
	Clement_7/18/1995		7/18/1995	(a)	66	1.6	3	NA	<0.5
	Clement_4/25/1995		4/25/1995	(a)	55	0.8	1.6	NA	<0.5
	Clement_1/10/1995		1/10/1995	(a)	99	0.9	2.3	NA	<0.5
	Clement_10/26/1994		10/26/1994	(a)	91	1.3	2.5	NA	<0.5
	Clement_7/5/1994		7/5/1994	(a)	59	0.8	1.7	NA	<0.5
	Clement_4/12/1994		4/12/1994	(a)	63	0.6	1.1	NA	<0.5
	Clement_1/13/1994		1/13/1994	(a)	76	0.6	1.5	NA	<0.5
	Clement_10/21/1993		10/21/1993	(a)	64	0.6	1	NA	<0.5
	Clement_7/13/1993		7/13/1993	(a)	48	<0.5	<0.5	NA	<0.5
	Clement_4/28/1993		4/28/1993	(a)	42	<0.5	<0.5	NA	<0.5
	Clement_1/12/1993		1/12/1993	(a)	35	<0.5	0.55	NA	<0.5
	Clement_9/29/1992		9/29/1992	(a)	29	<0.5	0.51	NA	<0.5
	Clement_7/29/1992		7/29/1992	(a)	24	<0.5	<0.5	NA	<0.5
	Clement_4/22/1992		4/22/1992	(a)	9.7	<0.5	<0.5	NA	<0.5
	Clement_3/25/1992		3/25/1992	(a)	11	<0.5	<0.5	NA	<0.5
	Clement_2/26/1992		2/26/1992	(a)	8.6	<0.5	<0.5	NA	<0.5
	Clement_1/29/1992		1/29/1992	(a)	7	<0.5	<0.5	NA	<0.5
	Clement_12/18/1991		12/18/1991	(a)	5.3	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Clement	Clement_11/20/1991	40-120	11/20/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Clement_10/30/1991		10/30/1991	(a)	2.9	<0.5	<0.5	NA	<0.5
	Clement_9/24/1991		9/24/1991	(a)	2.7	<0.5	<0.5	NA	<0.5
	Clement_8/28/1991		8/28/1991	(a)	2.4	<0.5	<0.5	NA	<0.5
	Clement_7/31/1991		7/31/1991	(a)	1.9	<0.5	<0.5	NA	<0.5
	Clement_6/25/1991		6/25/1991	(a)	2.1	<0.5	<0.5	NA	<0.5
	Clement_11/20/1990		11/20/1990	(a)	0.56	<0.5	<0.5	NA	<0.5
	Clement_11/12/1990		11/12/1990	(a)	0.73	<0.5	<0.5	NA	<0.5
	Clement_11/8/1990		11/8/1990	(a)	1.8	<0.5	<0.5	NA	<0.5
	Clement_10/22/1990		10/22/1990	(a)	0.85	<0.5	<0.5	NA	<0.5
	Clement_10/18/1990		10/18/1990	(a)	1.6	<0.5	<0.5	NA	<0.5
	Clement_10/11/1990		10/11/1990	(a)	0.51	<0.5	<0.5	NA	<0.5
	Clement_7/28/1990		7/28/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_6/27/1990		6/27/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_5/24/1990		5/24/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_4/30/1990		4/30/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_3/28/1990		3/28/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_2/27/1990		2/27/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_1/3/1990		1/3/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Clement_9/26/1989		9/26/1989	(a)	0.51	<0.5	<0.5	NA	<0.5
	Clement_4/18/1989		4/18/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
Crystal Range Motel	Crystal Range Motel_19990322	44-44	3/22/1999	(a)	2.9	<0.5	<0.5	NA	<0.5
Small Community Water System									
Industrial #1	Industrial #1_3/11/1999	139-195	3/11/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Industrial #1_6/23/1998		6/23/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_7/22/1997		7/22/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_6/11/1996		6/11/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_7/18/1995		7/18/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_6/22/1994		6/22/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_9/29/1992		9/29/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_8/23/1989		8/23/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #1_5/24/1989		5/24/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
Industrial #2	Industrial #2_6/20/2008	40-190	6/20/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Industrial #2_3/12/2008		3/12/2008	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_12/13/2007		12/13/2007	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_9/17/2007		9/17/2007	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_6/21/2007		6/21/2007	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_3/21/2007		3/21/2007	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_12/6/2006		12/6/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_9/28/2006		9/28/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_6/27/2006		6/27/2006	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_3/27/2006		3/27/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_12/14/2005		12/14/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_9/29/2005		9/29/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2 "9/14/2004"		9/14/2004	(a)	<0.5	NA	NA	NA	NA
	Industrial #2 "6/16/2004"		6/16/2004	(a)	<0.5	NA	NA	NA	NA
	Industrial #2 "3/17/2004"		3/17/2004	(a)	<0.5	<0.5	<0.5	NA	NA
	Industrial #2 "12/17/2003"		12/17/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	Industrial #2 "9/30/2003		9/30/2003	(a)	<0.5	<0.5	<0.5	NA	NA
	Industrial #2_7/23/2003		7/23/2003	(a)	1.3	<0.5	<0.5	NA	<0.5
	Industrial #2 "6/5/2003"		6/5/2003	(a)	1.2	<0.5	<0.5	NA	NA
	Industrial #2_4/17/2003		4/17/2003	(a)	1.4	<0.5	<0.5	NA	<0.5
	Industrial #2 "3/20/2003"		3/20/2003	(a)	1	<0.5	<0.5	NA	NA
	Industrial #2_1/7/2003		1/7/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_10/16/2002		10/16/2002	(a)	1.6	<0.5	<0.5	NA	<0.5
	Industrial #2_8/7/2002		8/7/2002	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_7/16/2002		7/16/2002	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_6/14/2002		6/14/2002	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_5/29/2002		5/29/2002	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_4/10/2002		4/10/2002	(a)	0.7	<0.5	<0.5	NA	<0.5
	Industrial #2_3/7/2002		3/7/2002	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_2/15/2002		2/15/2002	(a)	0.7	<0.5	<0.5	NA	<0.5
	Industrial #2_1/16/2002		1/16/2002	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_12/7/2001		12/7/2001	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_11/27/2001		11/27/2001	(a)	0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_10/17/2001		10/17/2001	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_9/19/2001		9/19/2001	(a)	1.1	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Industrial #2 Municipal Water Supply Well	Industrial #2_8/8/2001	40-190	8/8/2001	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_7/11/2001		7/11/2001	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_6/6/2001		6/6/2001	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_5/22/2001		5/22/2001	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_4/24/2001		4/24/2001	(a)	0.6	<0.5	<0.5	NA	<0.5
	Industrial #2_3/23/2001		3/23/2001	(a)	0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_2/14/2001		2/14/2001	(a)	0.7	<0.5	<0.5	NA	<0.5
	Industrial #2_1/16/2001		1/16/2001	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_12/20/2000		12/20/2000	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_11/15/2000		11/15/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_10/25/2000		10/25/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_9/20/2000		9/20/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_8/9/2000		8/9/2000	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_7/12/2000		7/12/2000	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_6/27/2000		6/27/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_5/24/2000		5/24/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_4/12/2000		4/12/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_3/22/2000		3/22/2000	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_2/16/2000		2/16/2000	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_1/19/2000		1/19/2000	(a)	0.7	<0.5	<0.5	NA	<0.5
	Industrial #2_12/8/1999		12/8/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_11/17/1999		11/17/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_10/20/1999		10/20/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_9/23/1999		9/23/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_8/17/1999		8/17/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_7/14/1999		7/14/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_6/29/1999		6/29/1999	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_5/12/1999		5/12/1999	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_4/14/1999		4/14/1999	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_3/11/1999		3/11/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_2/9/1999		2/9/1999	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_1/11/1999		1/11/1999	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_12/7/1998		12/7/1998	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_11/9/1998		11/9/1998	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_10/5/1998		10/5/1998	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_9/8/1998		9/8/1998	(a)	1.03	<0.5	<0.5	NA	<0.5
	Industrial #2_8/10/1998		8/10/1998	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_7/28/1998		7/28/1998	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_6/23/1998		6/23/1998	(a)	0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_5/18/1998		5/18/1998	(a)	0.6	<0.5	<0.5	NA	<0.5
	Industrial #2_4/8/1998		4/8/1998	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_3/9/1998		3/9/1998	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_2/3/1998		2/3/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_1/7/1998		1/7/1998	(a)	0.7	<0.5	<0.5	NA	<0.5
	Industrial #2_10/29/1997		10/29/1997	(a)	1	<0.5	<0.5	NA	<0.5
	Industrial #2_7/22/1997		7/22/1997	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_4/16/1997		4/16/1997	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_1/22/1997		1/22/1997	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_10/17/1996		10/17/1996	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_7/17/1996		7/17/1996	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_6/11/1996		6/11/1996	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_4/16/1996		4/16/1996	(a)	0.6	<0.5	<0.5	NA	<0.5
	Industrial #2_1/9/1996		1/9/1996	(a)	0.8	<0.5	<0.5	NA	<0.5
	Industrial #2_10/19/1995		10/19/1995	(a)	1.5	<0.5	<0.5	NA	<0.5
	Industrial #2_8/14/1995		8/14/1995	(a)	1.3	<0.5	<0.5	NA	<0.5
	Industrial #2_8/10/1995		8/10/1995	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_7/18/1995		7/18/1995	(a)	1.6	<0.5	<0.5	NA	<0.5
	Industrial #2_4/25/1995		4/25/1995	(a)	0.6	<0.5	<0.5	NA	<0.5
	Industrial #2_1/10/1995		1/10/1995	(a)	0.6	<0.5	<0.5	NA	<0.5
	Industrial #2_10/26/1994		10/26/1994	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_7/5/1994		7/5/1994	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_4/12/1994		4/12/1994	(a)	0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_1/13/1994		1/13/1994	(a)	0.6	<0.5	<0.5	NA	<0.5
	Industrial #2_10/21/1993		10/21/1993	(a)	0.7	<0.5	<0.5	NA	<0.5
	Industrial #2_7/13/1993		7/13/1993	(a)	1.2	<0.5	<0.5	NA	<0.5
	Industrial #2_4/28/1993		4/28/1993	(a)	0.9	<0.5	<0.5	NA	<0.5
	Industrial #2_1/12/1993		1/12/1993	(a)	1.1	<0.5	<0.5	NA	<0.5
	Industrial #2_10/28/1992		10/28/1992	(a)	1.2	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Industrial #2 Municipal Water Supply Well	Industrial #2_10/27/1992	40-190	10/27/1992	(a)	0.83	<0.5	<0.5	NA	<0.5
	Industrial #2_9/29/1992		9/29/1992	(a)	0.86	<0.5	<0.5	NA	<0.5
	Industrial #2_10/16/1989		10/16/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_9/21/1989		9/21/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_8/23/1989		8/23/1989	(a)	0.5	<0.5	<0.5	NA	<0.5
	Industrial #2_4/18/1989		4/18/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
Julie Municipal Water Supply Well	Julie_2/8/2006	65-125	2/8/2006	(a)	0.6	<0.5	<0.5	NA	<0.5
	Julie_11/17/2005		11/17/2005	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_8/24/2005		8/24/2005	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_5/26/2005		5/26/2005	(a)	0.93	<0.5	<0.5	NA	<0.5
	Julie_2/3/2005		2/3/2005	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_11/18/2004		11/18/2004	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_8/31/2004		8/31/2004	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_5/26/2004		5/26/2004	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_2/25/2004		2/25/2004	(a)	1.3	<0.5	<0.5	NA	<0.5
	Julie_8/20/2003		8/20/2003	(a)	1.1	<0.5	<0.5	NA	<0.5
	Julie_5/21/2003		5/21/2003	(a)	1	<0.5	<0.5	NA	<0.5
	Julie_2/4/2003		2/4/2003	(a)	1.2	<0.5	<0.5	NA	<0.5
	Julie_11/15/2002		11/15/2002	(a)	0.8	<0.5	<0.5	NA	<0.5
	Julie_8/28/2002		8/28/2002	(a)	0.9	<0.5	<0.5	NA	<0.5
	Julie_7/25/2002		7/25/2002	(a)	1.3	<0.5	<0.5	NA	<0.5
	Julie_6/20/2002		6/20/2002	(a)	0.9	<0.5	<0.5	NA	<0.5
	Julie_5/29/2002		5/29/2002	(a)	1.3	<0.5	<0.5	NA	<0.5
	Julie_4/10/2002		4/10/2002	(a)	1.1	<0.5	<0.5	NA	<0.5
	Julie_3/28/2002		3/28/2002	(a)	1	<0.5	<0.5	NA	<0.5
	Julie_2/14/2002		2/14/2002	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_1/23/2002		1/23/2002	(a)	1.5	<0.5	<0.5	NA	<0.5
	Julie_12/12/2001		12/12/2001	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_11/27/2001		11/27/2001	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_10/17/2001		10/17/2001	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_9/19/2001		9/19/2001	(a)	1.3	<0.5	<0.5	NA	<0.5
	Julie_8/15/2001		8/15/2001	(a)	1.2	<0.5	<0.5	NA	<0.5
	Julie_6/6/2001		6/6/2001	(a)	1.1	<0.5	<0.5	NA	<0.5
	Julie_3/22/2001		3/22/2001	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_11/30/2000		11/30/2000	(a)	1	<0.5	<0.5	NA	<0.5
	Julie_9/12/2000		9/12/2000	(a)	1.1	<0.5	<0.5	NA	<0.5
	Julie_6/27/2000		6/27/2000	(a)	1.5	<0.5	<0.5	NA	<0.5
	Julie_3/23/2000		3/23/2000	(a)	1.6	<0.5	<0.5	NA	<0.5
	Julie_10/20/1999		10/20/1999	(a)	2.7	<0.5	<0.5	NA	<0.5
	Julie_9/23/1999		9/23/1999	(a)	1.5	<0.5	<0.5	NA	<0.5
	Julie_8/18/1999		8/18/1999	(a)	1.3	<0.5	<0.5	NA	<0.5
	Julie_7/14/1999		7/14/1999	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_6/29/1999		6/29/1999	(a)	1.4	<0.5	<0.5	NA	<0.5
	Julie_4/14/1999		4/14/1999	(a)	1.3	<0.5	<0.5	NA	<0.5
	Julie_3/17/1999		3/17/1999	(a)	1.5	<0.5	<0.5	NA	<0.5
	Julie_9/8/1998		9/8/1998	(a)	1.88	<0.5	<0.5	NA	<0.5
	Julie_7/28/1998		7/28/1998	(a)	2.4	<0.5	<0.5	NA	<0.5
	Julie_6/23/1998		6/23/1998	(a)	1.9	<0.5	<0.5	NA	<0.5
	Julie_4/8/1998		4/8/1998	(a)	1.9	<0.5	<0.5	NA	<0.5
	Julie_1/20/1998		1/20/1998	(a)	2.2	<0.5	<0.5	NA	<0.5
	Julie_10/29/1997		10/29/1997	(a)	2.3	<0.5	<0.5	NA	<0.5
	Julie_7/22/1997		7/22/1997	(a)	2.4	<0.5	<0.5	NA	<0.5
	Julie_4/16/1997		4/16/1997	(a)	2.7	<0.5	<0.5	NA	<0.5
	Julie_1/22/1997		1/22/1997	(a)	3.3	<0.5	<0.5	NA	<0.5
	Julie_10/17/1996		10/17/1996	(a)	2.8	<0.5	<0.5	NA	<0.5
	Julie_7/17/1996		7/17/1996	(a)	2.7	<0.5	<0.5	NA	<0.5
	Julie_6/11/1996		6/11/1996	(a)	2.3	<0.5	<0.5	NA	<0.5
	Julie_4/16/1996		4/16/1996	(a)	2.6	<0.5	<0.5	NA	<0.5
	Julie_1/9/1996		1/9/1996	(a)	2.3	<0.5	<0.5	NA	<0.5
	Julie_10/19/1995		10/19/1995	(a)	4.1	<0.5	<0.5	NA	<0.5
	Julie_7/18/1995		7/18/1995	(a)	3.6	<0.5	<0.5	NA	<0.5
	Julie_4/25/1995		4/25/1995	(a)	5.1	<0.5	<0.5	NA	<0.5
	Julie_1/10/1995		1/10/1995	(a)	5.2	<0.5	<0.5	NA	<0.5
	Julie_10/26/1994		10/26/1994	(a)	3.7	<0.5	<0.5	NA	<0.5
	Julie_7/5/1994		7/5/1994	(a)	3.6	<0.5	<0.5	NA	<0.5
	Julie_4/12/1994		4/12/1994	(a)	3	<0.5	<0.5	NA	<0.5
	Julie_1/13/1994		1/13/1994	(a)	2.8	<0.5	<0.5	NA	<0.5
	Julie_10/21/1993		10/21/1993	(a)	3.4	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Julie	Julie_7/13/1993	65-125	7/13/1993	(a)	3.6	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Julie_4/28/1993		4/28/1993	(a)	4.4	<0.5	<0.5	NA	<0.5
	Julie_1/12/1993		1/12/1993	(a)	8.4	<0.5	<0.5	NA	<0.5
	Julie_9/29/1992		9/29/1992	(a)	6	<0.5	<0.5	NA	<0.5
	Julie_7/29/1992		7/29/1992	(a)	6.4	<0.5	<0.5	NA	<0.5
	Julie_4/22/1992		4/22/1992	(a)	4.5	<0.5	<0.5	NA	<0.5
	Julie_3/25/1992		3/25/1992	(a)	5.5	<0.5	<0.5	NA	<0.5
	Julie_2/26/1992		2/26/1992	(a)	5.9	<0.5	<0.5	NA	<0.5
	Julie_1/29/1992		1/29/1992	(a)	5.4	<0.5	<0.5	NA	<0.5
	Julie_12/18/1991		12/18/1991	(a)	7.9	<0.5	<0.5	NA	<0.5
	Julie_11/20/1991		11/20/1991	(a)	3.4	<0.5	<0.5	NA	<0.5
	Julie_10/30/1991		10/30/1991	(a)	6.2	<0.5	<0.5	NA	<0.5
	Julie_9/23/1991		9/23/1991	(a)	3.4	<0.5	<0.5	NA	<0.5
	Julie_8/28/1991		8/28/1991	(a)	4.7	<0.5	<0.5	NA	<0.5
	Julie_7/31/1991		7/31/1991	(a)	4	<0.5	<0.5	NA	<0.5
	Julie_6/26/1991		6/26/1991	(a)	4.3	<0.5	<0.5	NA	<0.5
	Julie_5/29/1991		5/29/1991	(a)	5.2	<0.5	<0.5	NA	<0.5
	Julie_4/24/1991		4/24/1991	(a)	4.6	<0.5	<0.5	NA	<0.5
	Julie_3/27/1991		3/27/1991	(a)	3.2	<0.5	<0.5	NA	<0.5
	Julie_2/28/1991		2/28/1991	(a)	4.7	<0.5	<0.5	NA	<0.5
	Julie_1/23/1991		1/23/1991	(a)	3	<0.5	<0.5	NA	<0.5
	Julie_10/11/1990		10/11/1990	(a)	7.7	<0.5	<0.5	NA	<0.5
	Julie_9/24/1990		9/24/1990	(a)	5.4	<0.5	<0.5	NA	<0.5
	Julie_9/17/1990		9/17/1990	(a)	6	<0.5	<0.5	NA	<0.5
	Julie_7/28/1990		7/28/1990	(a)	4.9	<0.5	<0.5	NA	<0.5
	Julie_6/27/1990		6/27/1990	(a)	5	<0.5	<0.5	NA	<0.5
	Julie_5/29/1990		5/29/1990	(a)	4	<0.5	<0.5	NA	<0.5
	Julie_4/30/1990		4/30/1990	(a)	5.49	<0.5	<0.5	NA	<0.5
	Julie_3/28/1990		3/28/1990	(a)	5.38	<0.5	<0.5	NA	<0.5
	Julie_2/27/1990		2/27/1990	(a)	6	<0.5	<0.5	NA	<0.5
	Julie_11/22/1989		11/22/1989	(a)	8.3	<0.5	<0.5	NA	<0.5
	Julie_8/23/1989		8/23/1989	(a)	2.7	<0.5	<0.5	NA	<0.5
	Julie_3/23/1989		3/23/1989	(a)	6	<0.5	<0.5	NA	<0.5
LBWC No. 1		132-182	12/1/2025	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
Municipal Water Supply Well			6/13/2023	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/8/2023	(b)	<0.5	<0.5	2.0	<0.5	<0.5
			7/12/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/8/2021	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_11/9/2020		11/9/2020	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_7/14/2020		7/14/2020	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_4/9/2020		4/9/2020	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_3/19/2020		3/19/2020	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_12/10/2019		12/10/2019	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_8/27/2019		8/27/2019	(a)	<0.5	<0.5	<0.5	NA	<0.5
			4/9/2019	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_4/11/2017		4/11/2017	(a)	<0.5	<0.5	<0.5	NA	NA
	LBWC #1_4/16/2015		4/16/2015	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_6/16/2014		6/16/2014	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_4/11/2011		4/11/2011	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_1/18/2011		1/18/2011	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #1_4/19/2010		4/19/2010	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_1/26/2010		1/26/2010	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_10/22/2009		10/22/2009	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_4/20/2009		4/20/2009	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_11/16/2005		11/16/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_6/3/2002		6/3/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_1/13/1995		1/13/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_12/1/1989		12/1/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #1_9/14/1989		9/14/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
LBWC No. 2	LBWC #2_10/26/2017	132-156	10/26/2017	(a)	3.6	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	LBWC #2_3/16/2017		3/16/2017	(a)	0.8	<0.5	<0.5	NA	<0.5
	LBWC #2_12/7/2016		12/7/2016	(a)	0.6	<0.5	<0.5	NA	<0.5
	LBWC #2_7/7/2014_1		7/7/2014	(a)	30	<0.5	<0.5	NA	<0.5
	LBWC #2_7/7/2014_2		7/7/2014	(a)	22	<0.5	<0.5	NA	<0.5
	LBWC #2_6/16/2014		6/16/2014	(a)	46	0.72	1.1	NA	<0.5
	LBWC #2_4/11/2011		4/11/2011	(a)	1.4	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LBWC No. 2	LBWC #2_1/18/2011	132-156	1/18/2011	(a)	3.7	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	LBWC #2_4/19/2010		4/19/2010	(a)	5.0	<0.5	<0.5	NA	<0.5
	LBWC #2_1/26/2010		1/26/2010	(a)	4.0	<0.5	<0.5	NA	<0.5
	LBWC #2_10/22/2009		10/22/2009	(a)	3.4	<0.5	<0.5	NA	<0.5
	LBWC #2_4/20/2009		4/20/2009	(a)	3.8	<0.5	<0.5	NA	<0.5
	LBWC #2_11/16/2005		11/16/2005	(a)	0.99	<0.5	<0.5	NA	<0.5
	LBWC #2_6/3/2002		6/3/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #2_1/13/1995		1/13/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #2_12/1/1989		12/1/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	LBWC #2_9/14/1989		9/14/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
LBWC No. 3	LBWC 3, 12/20/2004	40-80	12/20/2004	(a)	5 J	NA	NA	NA	NA
Municipal Water Supply Well	LBWC 3, 10/4/2004		10/4/2004	(a)	2.4 J	NA	NA	NA	NA
	LBWC 3, 4/5/2004		4/5/2004	(a)	0.8	NA	NA	NA	NA
	LBWC 3, 1/7/2004		1/7/2004	(a)	3.2	NA	NA	NA	NA
	LBWC 3, 10/9/2003		10/9/2003	(a)	1.4	NA	NA	NA	NA
	LBWC 3, 6/18/2003		6/18/2003	(a)	0.5	NA	NA	NA	NA
	LBWC 3, 3/18/2003		3/18/2003	(a)	0.82	NA	NA	NA	NA
	LBWC #3_1998		1/1/1998	(a)	21	NA	NA	NA	NA
	LBWC #3_19891002		10/2/1989	(a)	79	NA	NA	NA	NA
	LBWC #3_19890925		9/25/1989	(a)	41	NA	NA	NA	NA
	LBWC #3_19890914		9/14/1989	(a)	19.9	NA	NA	NA	NA
LBWC No. 4	LBWC #4_20171026	43-174	10/26/2017	(a)	42.5	1.1	0.6	NA	NA
Municipal Water Supply Well	LBWC #4_20170316_a	70-75	3/16/2017	(a)	9.0	<0.5	<0.5	NA	NA
	LBWC #4_20170316_b	125-130	3/16/2017	(a)	26.7	0.8	0.5	NA	NA
	LBWC #4_20161207_a	70-75	12/7/2016	(a)	12.9	<0.5	<0.5	NA	NA
	LBWC #4_20161207_b	125-130	12/7/2016	(a)	39.8	0.8	0.5	NA	NA
	LBWC #4_3/3/2016_68	68-68	3/29/2016	(b,d)	52.3	1.1	0.8	<0.5	<0.5
	LBWC #4_3/3/2016_72	72-72	3/29/2016	(b,d)	55.1	1.0	0.8	<0.5	<0.5
	LBWC #4_3/3/2016_82	82-82	3/29/2016	(b,d)	47	1.0	0.7	<0.5	<0.5
	LBWC #4_3/3/2016_110	110-110	3/29/2016	(b,d)	52.4	1.0	0.7	<0.5	<0.5
	LBWC #4_2/17/2016_65	65-65	3/3/2016	(b,d)	8.6	<0.5	<0.5	<0.5	<0.5
	LBWC #4_2/17/2016_85	85-85	3/3/2016	(b,d)	34	<0.5	<0.5	<0.5	<0.5
	LBWC #4_2/17/2016_107	107-107	3/3/2016	(b,d)	39	0.9	0.7	<0.5	<0.5
	LBWC #4_19891002	43-174	10/2/1989	(a)	11	NA	NA	NA	NA
	LBWC #4_19890925	43-174	9/25/1989	(a)	4.01	NA	NA	NA	NA
	LBWC #4_19890914	43-174	9/14/1989	(a)	4.84	NA	NA	NA	NA
LBWC No. 5		141-180	7/21/2026	(b)	48	1.0	1.7	<0.5	<0.5
Municipal Water Supply Well			3/9/2026	(b)	66	1.3	1.8	<0.5	<0.5
			2/9/2026	(b)	70	1.1	1.8	<0.5	<0.5
			1/12/2026	(b)	57	1.3	1.9	<0.5	<0.5
			12/1/2025	(b)	57	1.5	2.1	<0.5	<0.5
			11/10/2025	(b)	60	1.1	1.7	<0.5	<0.5
			10/7/2025	(b)	55	0.98	1.7	<0.5	<0.5
			9/8/2025	(b)	53	0.96	1.5	<0.5	<0.5
			8/11/2025	(b)	55	0.99	1.5	<0.5	<0.5
			7/7/2025	(b)	54	1.2	1.9	<0.5	<0.5
			6/9/2025	(b)	52	1.3	1.8	<0.5	<0.5
			5/6/2025	(b)	52	1.2	1.8	<0.5	<0.5
			4/8/2025	(b)	62	1.3	1.9	<0.5	<0.5
			3/11/2025	(b)	65	1.3	1.9	<0.5	<0.5
			2/11/2025	(b)	65	1.3	2.0	<0.5	<0.5
			1/7/2025	(b)	61	1.3	1.9	<0.5	<0.5
			11/12/2024	(b)	60	1.2	1.7	<0.5	<0.5
			10/15/2024	(b)	60	1.1	1.6	<0.5	<0.5
			9/10/2024	(b)	82	1.6	2.2	<0.5	<0.5
			8/12/2024	(b)	67	1.1	1.8	<0.5	<0.5
			5/7/2024	(b)	58	1.4	2.1	<0.5	<0.5
			4/8/2024	(b)	76	1.5	2.3	<0.5	<0.5
			3/12/2024	(b)	68	1.1	1.8	<0.5	<0.5
			12/5/2023	(b)	58	1.2	1.8	<0.5	<0.5
			10/10/2023	(b)	66	1.2	1.7	<0.5	<0.5
			9/5/2023	(b)	73	1.7	2.5	<0.5	<0.5
			6/13/2023	(b)	72	1.3	2.1	<0.5	<0.5
			12/14/2022	(b)	63	1.6	2.3	<0.5	<0.5
			9/28/2022	(b)	50	1.4	1.9	<0.5	<0.5
			6/27/2022	(b)	57	1.4	2.0	<0.5	<0.5
			6/6/2022	(b)	41.1	1.3	2.4	<0.5	<0.5
			5/10/2022	(b)	71	1.4	2.2	<0.5	<0.5

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SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
LBWC No. 5		141-255	4/12/2022	(b)	53	1.4	2.0	<0.5	<0.5
Municipal Water Supply Well			12/15/2021	(b)	41.6	1.0	1.8	<0.5	<0.5
			11/8/2021	(b)	56.1	1.5	2.7	<0.5	<0.5
			10/4/2021	(b)	42.2	1.2	2.0	<0.5	<0.5
			7/12/2021	(b)	60	1.5	2.4	<0.5	<0.5
			6/9/2021	(b)	56.9	1.7	3.2	<0.5	<0.5
			5/19/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/18/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			5/10/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			4/22/2021	(b)	69	1.4	1.9	<0.5	<0.5
	LBWC #5_7/10/2020		7/10/2020	(a)	64	NA	NA	NA	NA
	LBWC #5_6/18/2018		6/18/2018	(a)	60	NA	NA	NA	NA
	LBWC #5_6/05/2018		6/5/2018	(a)	56	NA	NA	NA	NA
	LBWC #5_20171026		10/26/2017	(a)	67	NA	NA	NA	NA
			7/7/2014	(b)	16	NA	NA	NA	NA
	LBWC #5_6/16/2014_1		6/16/2014	(a)	43	0.69	1.1	<0.5	<0.5
	LBWC #5_6/16/2014_2		6/16/2014	(a)	53	NA	NA	NA	NA
	LBWC #5_6/16/2014_3		6/16/2014	(a)	16	NA	NA	NA	NA
	LBWC #5_6/16/2014_4		6/16/2014	(a)	16	NA	NA	NA	NA
			1/17/2012	(b)	2.6	<0.5	NA	NA	NA
	LBWC #5_4/11/2011		4/11/2011	(a)	2.2	<0.5	<0.5	<0.5	<0.5
	LBWC #5_1/18/2011		1/18/2011	(a)	3.2	<0.5	<0.5	<0.5	<0.5
	LBWC #5_4/19/2010		4/19/2010	(b,c)	4.9	<0.5	<0.5	<0.5	<0.5
	LBWC #5_10/22/2009		10/22/2009	(b,c)	3.4	<0.5	<0.5	<0.5	<0.5
	LBWC #5_4/20/2009		4/20/2009	(b,c)	1.8	<0.5	<0.5	<0.5	<0.5
	LBWC #5_11/16/2005		11/16/2005	(b,c)	1.5	<0.5	<0.5	<0.5	<0.5
	LBWC #5_6/3/2002		6/3/2002	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #5_1/13/1995		1/13/1995	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #5_12/1/1989		12/1/1989	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	LBWC #5_9/14/1989		9/14/1989	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
Old Stage	Old Stage Mobile Home Park__0525198	120-120	5/25/1989	(a)	40	NA	NA	NA	NA
Small Community Water System	Old Stage Mobile Home Park__0322198		3/22/1989	(a)	63	NA	NA	NA	NA
Rockwater	Rockwater_20171026	70-99	10/26/2017	(a)	147	4.0	4.0	NA	NA
Small Community Water System	Rockwater_20170706		7/6/2017	(a)	189	3.3	3.3	NA	NA
	Rockwater_20160303		3/3/2016	(b,d)	69	1.1	<0.5	<0.5	<0.5
	Rockwater_20140911		9/11/2014	(a)	280	4	4.6	NA	<0.5
	Rockwater_20140827		8/27/2014	(a)	280	3.4	4.2	NA	<0.5
South Y	South Y_8/31/2004	190-260	8/31/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	South Y_8/20/2003		8/20/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_8/28/2002		8/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_7/25/2002		7/25/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_5/30/2002		5/30/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_4/11/2002		4/11/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_3/28/2002		3/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_2/14/2002		2/14/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_12/12/2001		12/12/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_11/27/2001		11/27/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_10/18/2001		10/18/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_9/19/2001		9/19/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_8/15/2001		8/15/2001	(a)	0.6	<0.5	<0.5	NA	<0.5
	South Y_6/6/2001		6/6/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_3/22/2001		3/22/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_11/30/2000		11/30/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_9/12/2000		9/12/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_6/27/2000		6/27/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_3/23/2000		3/23/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_10/20/1999		10/20/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_9/23/1999		9/23/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_8/18/1999		8/18/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_7/14/1999		7/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_6/29/1999		6/29/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_5/18/1999		5/18/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_4/14/1999		4/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_3/11/1999		3/11/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_6/23/1998		6/23/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_7/22/1997		7/22/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_8/27/1996		8/27/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
South Y	South Y_7/18/1995	190-260	7/18/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	South Y_7/27/1994		7/27/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_9/29/1992		9/29/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_8/23/1989		8/23/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	South Y_4/18/1989		4/18/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
Tahoe Valley Elementary School	943TAH-WG-01	86-146	10/23/2019	(a)	0.5	<0.5	<0.5	NA	<0.5
Small Community Water System	TVSchool_20170428		4/28/2017	(a)	<0.5	<0.5	<0.5	NA	NA
	TVSchool_20161229		12/29/2016	(a)	<0.5	<0.5	<0.5	NA	NA
	Tahoe Valley Elementary School 20130		3/5/2013	(a)	1.5	ND	ND	NA	ND
	Tahoe Valley Elementary School 20070		5/24/2007	(a)	0.72	<0.5	<0.5	NA	<1.0
	Tahoe Valley Elementary School 20070		5/24/2007	(a)	0.6	<0.5	<0.5	NA	<1.0
	Tahoe Valley Elementary School 20060		2/16/2006	(a)	<0.5	<0.5	<0.5	NA	<1.0
	Tahoe Valley Elementary School 20060		2/16/2006	(a)	<0.5	<0.5	<0.5	NA	<1.0
	Tahoe Valley Elementary School 20030		8/29/2003	(a)	1.8	<0.5	NA	NA	<1.0
	Tahoe Valley Elementary School 20030		8/29/2003	(a)	1.4	<0.5	NA	NA	<1.0
	Tahoe Valley Elementary School 19990		3/23/1999	(a)	0.6	<0.5	<0.5	NA	<0.5
	Tahoe Valley Elementary School 19890		4/19/1989	(a)	ND	ND	ND	NA	ND
Tata #1	Tata #1_11/15/2006	36-223	11/15/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Tata #1_8/30/2006		8/30/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/24/2005		8/24/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/20/2003		8/20/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/28/2002		8/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_7/25/2002		7/25/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_6/20/2002		6/20/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_5/29/2002		5/29/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_4/11/2002		4/11/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_3/27/2002		3/27/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_10/17/2001		10/17/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_9/19/2001		9/19/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/29/2001		8/29/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_6/6/2001		6/6/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_3/21/2001		3/21/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_11/30/2000		11/30/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/29/2000		8/29/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_6/21/2000		6/21/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_3/23/2000		3/23/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_11/17/1999		11/17/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_10/20/1999		10/20/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_9/23/1999		9/23/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/31/1999		8/31/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_7/14/1999		7/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_6/16/1999		6/16/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_4/14/1999		4/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_3/16/1999		3/16/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/7/1998		8/7/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_7/28/1998		7/28/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_9/30/1997		9/30/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/27/1996		8/27/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_9/26/1995		9/26/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/23/1994		8/23/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/25/1992		8/25/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_8/23/1989		8/23/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #1_4/25/1989		4/25/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
Tata #2	Tata #2_11/15/2006	73-193	11/15/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Tata #2_8/30/2006		8/30/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/24/2005		8/24/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/31/2004		8/31/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/20/2003		8/20/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/28/2002		8/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_7/25/2002		7/25/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_6/20/2002		6/20/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_5/29/2002		5/29/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_4/11/2002		4/11/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_3/27/2002		3/27/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_10/17/2001		10/17/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_9/19/2001		9/19/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/29/2001		8/29/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Tata #2 Municipal Water Supply Well	Tata #2_6/6/2001	73-193	6/6/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_3/21/2001		3/21/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_11/30/2000		11/30/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/29/2000		8/29/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_6/21/2000		6/21/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_3/23/2000		3/23/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_11/17/1999		11/17/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_10/20/1999		10/20/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_9/23/1999		9/23/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/31/1999		8/31/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_7/14/1999		7/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_6/16/1999		6/16/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_4/14/1999		4/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_3/16/1999		3/16/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/7/1998		8/7/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_7/28/1998		7/28/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_9/30/1997		9/30/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/27/1996		8/27/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_9/26/1995		9/26/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/23/1994		8/23/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/25/1992		8/25/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_8/23/1989		8/23/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #2_4/25/1989		4/25/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
Tata #3 Municipal Water Supply Well	Tata #3_11/15/2006	55-220	11/15/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/30/2006		8/30/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_5/24/2006		5/24/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_2/8/2006		2/8/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_11/29/2005		11/29/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/24/2005		8/24/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_2/3/2005		2/3/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_11/18/2004		11/18/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/31/2004		8/31/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_5/26/2004		5/26/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_2/25/2004		2/25/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/20/2003		8/20/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_5/21/2003		5/21/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_2/4/2003		2/4/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_11/15/2002		11/15/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/28/2002		8/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_7/25/2002		7/25/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_6/20/2002		6/20/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_5/29/2002		5/29/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_4/11/2002		4/11/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_3/27/2002		3/27/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_10/17/2001		10/17/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_9/19/2001		9/19/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/29/2001		8/29/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_6/6/2001		6/6/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_3/21/2001		3/21/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_11/30/2000		11/30/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/29/2000		8/29/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_6/21/2000		6/21/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_3/23/2000		3/23/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_11/17/1999		11/17/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_10/20/1999		10/20/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_9/23/1999		9/23/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/31/1999		8/31/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_7/14/1999		7/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_6/16/1999		6/16/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_4/14/1999		4/14/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_3/16/1999		3/16/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/7/1998		8/7/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_7/28/1998		7/28/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_9/30/1997		9/30/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/27/1996		8/27/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_9/26/1995		9/26/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/23/1994		8/23/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/25/1992		8/25/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #3_8/23/1989		8/23/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Tata #4	Tata #4_5/24/2006	85-125	5/24/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Tata #4_2/8/2006		2/8/2006	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_11/17/2005		11/17/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/24/2005		8/24/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/26/2005		5/26/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/3/2005		2/3/2005	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_11/18/2004		11/18/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/31/2004		8/31/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/26/2004		5/26/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/25/2004		2/25/2004	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/20/2003		8/20/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/21/2003		5/21/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/4/2003		2/4/2003	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_11/18/2002		11/18/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/28/2002		8/28/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/25/2002		7/25/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/13/2002		5/13/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/11/2002		4/11/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_3/27/2002		3/27/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/14/2002		2/14/2002	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_12/13/2001		12/13/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_11/27/2001		11/27/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/18/2001		10/18/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_9/19/2001		9/19/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/15/2001		8/15/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_6/6/2001		6/6/2001	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_9/12/2000		9/12/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_6/27/2000		6/27/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_3/30/2000		3/30/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/7/2000		2/7/2000	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/27/1999		7/27/1999	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/10/1998		8/10/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/13/1998		7/13/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_6/23/1998		6/23/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/18/1998		5/18/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/8/1998		4/8/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_3/9/1998		3/9/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/3/1998		2/3/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/7/1998		1/7/1998	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_12/16/1997		12/16/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_11/17/1997		11/17/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/6/1997		10/6/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_9/8/1997		9/8/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/18/1997		8/18/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/16/1997		7/16/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/21/1997		5/21/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/16/1997		4/16/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_3/19/1997		3/19/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/22/1997		1/22/1997	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/17/1996		10/17/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/17/1996		7/17/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_6/11/1996		6/11/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/16/1996		4/16/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/9/1996		1/9/1996	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/18/1995		10/18/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/18/1995		7/18/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/25/1995		4/25/1995	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/10/1995		1/10/1995	(a)	0.7	<0.5	<0.5	NA	<0.5
	Tata #4_10/26/1994		10/26/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/5/1994		7/5/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/12/1994		4/12/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/13/1994		1/13/1994	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/21/1993		10/21/1993	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/13/1993		7/13/1993	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/28/1993		4/28/1993	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/12/1993		1/12/1993	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_9/29/1992		9/29/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/29/1992		7/29/1992	(a)	0.79	<0.5	<0.5	NA	<0.5
	Tata #4_4/22/1992		4/22/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Tata #4	Tata #4_3/25/1992	85-125	3/25/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
Municipal Water Supply Well	Tata #4_2/26/1992		2/26/1992	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/29/1992		1/29/1992	(a)	0.47	<0.5	<0.5	NA	<0.5
	Tata #4_12/18/1991		12/18/1991	(a)	2.6	<0.5	<0.5	NA	<0.5
	Tata #4_11/20/1991		11/20/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/30/1991		10/30/1991	(a)	1.3	<0.5	<0.5	NA	<0.5
	Tata #4_9/23/1991		9/23/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_8/28/1991		8/28/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/31/1991		7/31/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_6/25/1991		6/25/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/29/1991		5/29/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/24/1991		4/24/1991	(a)	0.62	<0.5	<0.5	NA	<0.5
	Tata #4_3/27/1991		3/27/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_2/28/1991		2/28/1991	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_7/28/1990		7/28/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_6/27/1990		6/27/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_5/24/1990		5/24/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/30/1990		4/30/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_3/28/1990		3/28/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/18/1990		1/18/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_1/16/1990		1/16/1990	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_12/21/1989		12/21/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_10/16/1989		10/16/1989	(a)	<0.5	<0.5	<0.5	NA	<0.5
	Tata #4_4/18/1989		4/18/1989	(a)	2.2	<0.5	<0.5	NA	<0.5
TKWC No. 1		125-312	6/30/2026	(b)	2.9	NA	NA	NA	NA
Municipal Water Supply Well			6/2/2026	(b)	2.4	NA	NA	NA	NA
			5/5/2026	(b)	2.8	NA	NA	NA	NA
			4/3/2026	(b)	1.7	NA	NA	NA	NA
			2/24/2026	(b)	3.2	NA	NA	NA	NA
			2/18/2026	(b)	2.8	NA	NA	NA	NA
			12/2/2025	(b)	1.8	NA	NA	NA	NA
			11/4/2025	(b)	1.7	NA	NA	NA	NA
			10/7/2025	(b)	2.9	NA	NA	NA	NA
			9/2/2025	(b)	2.8	NA	NA	NA	NA
			8/5/2025	(b)	3	NA	NA	NA	NA
			7/1/2025	(b)	3.2	NA	NA	NA	NA
			6/3/2025	(b)	3.3	NA	NA	NA	NA
			5/6/2025	(b)	3.2	NA	NA	NA	NA
			4/1/2025	(b)	3.6	NA	NA	NA	NA
			3/4/2025	(b)	3.3	NA	NA	NA	NA
			2/4/2025	(b)	4.1	NA	NA	NA	NA
			1/14/2025	(b)	2.2	NA	NA	NA	NA
			12/3/2024	(b)	2.3	NA	NA	NA	NA
			11/5/2024	(b)	2.5	NA	NA	NA	NA
			10/1/2024	(b)	3	NA	NA	NA	NA
			9/3/2024	(b)	3	NA	NA	NA	NA
			8/6/2024	(b)	2.8	NA	NA	NA	NA
			7/2/2024	(b)	8.9	NA	NA	NA	NA
			6/4/2024	(b)	3.9	NA	NA	NA	NA
			5/7/2024	(b)	3.8	NA	NA	NA	NA
			4/2/2024	(b)	1.7	NA	NA	NA	NA
			3/5/2024	(b)	1.8	NA	NA	NA	NA
			2/6/2024	(b)	2.2	NA	NA	NA	NA
			1/9/2024	(b)	2.4	<0.5	<0.5	<0.5	<0.5
			12/12/2023	(b)	4	NA	NA	NA	NA
			11/14/2023	(b)	1.8	NA	NA	NA	NA
			10/12/2023	(b)	3.8	NA	NA	NA	NA
			9/12/2023	(b)	3.6	NA	NA	NA	NA
			8/8/2023	(b)	3.3	NA	NA	NA	NA
			7/11/2023	(b)	3.1	NA	NA	NA	NA
			6/13/2023	(b)	2.8	NA	NA	NA	NA
			5/9/2023	(b)	1.5	NA	NA	NA	NA
			4/11/2023	(b)	1.2	NA	NA	NA	NA
			3/21/2023	(b)	3.3	NA	NA	NA	NA
			2/7/2023	(b)	3.1	NA	NA	NA	NA
			1/11/2023	(b)	1.5	NA	NA	NA	NA
			12/30/2022	(b)	4.9	NA	NA	NA	NA
			11/9/2022	(b)	2.4	NA	NA	NA	NA
			10/11/2022	(b)	3.1	NA	NA	NA	NA
			9/13/2022	(b)	2.8	NA	NA	NA	NA
			8/23/2022	(b)	3.4	NA	NA	NA	NA
			6/7/2022	(b)	3	NA	NA	NA	NA

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SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TKWC No. 1		125-312	5/17/2022	(b)	2	NA	NA	NA	NA
Municipal Water Supply Well			4/12/2022	(b)	2.7	NA	NA	NA	NA
			3/8/2022	(b)	2.6	NA	NA	NA	NA
			2/16/2022	(b)	2.4	<0.5	<0.5	<0.5	<0.3
			2/8/2022	(b)	2.6	NA	NA	NA	NA
			10/19/2021	(b)	2.8	NA	NA	NA	NA
			10/12/2021	(b)	2	NA	NA	NA	NA
			8/17/2021	(b)	2.2	NA	NA	NA	NA
			8/10/2021	(b)	2.5	NA	NA	NA	NA
			2/23/2021	(b)	2.6	NA	NA	NA	NA
			2/16/2021	(b)	2.4	NA	NA	NA	NA
			1/12/2021	(b)	2.2	<0.5	<0.5	<0.5	<0.5
	duplicate		1/12/2021	(b)	2.1	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_10/6/2020		10/6/2020	(a)	3.4	NA	NA	NA	NA
	TKPOA #1_9/15/2020		9/15/2020	(a)	3.6	NA	NA	NA	NA
	TKPOA #1_9/1/2020		9/1/2020	(a)	2.5	NA	NA	NA	NA
	TKPOA #1_8/4/2020		8/4/2020	(a)	2.5	NA	NA	NA	NA
	TKPOA #1_7/7/2020		7/7/2020	(a)	2.6	NA	NA	NA	NA
	TKPOA #1_5/12/2020		5/12/2020	(a)	1.5	NA	NA	NA	NA
	TKPOA #1_3/3/2020		3/3/2020	(a)	1.2	NA	NA	NA	NA
	TKPOA #1_1/14/2020		1/14/2020	(a)	2.2	NA	NA	NA	NA
			8/20/2019	(b)	2.5	NA	NA	NA	NA
	TKPOA #1_6/25/2019		6/25/2019	(a)	2.3	NA	NA	NA	NA
	TKPOA #1_5/21/2019		5/21/2019	(a)	1.1	NA	NA	NA	NA
	TKPOA #1_4/23/2019		4/23/2019	(a)	0.57	NA	NA	NA	NA
	TKPOA #1_3/21/2019		3/21/2019	(a)	0.65	NA	NA	NA	NA
	TKPOA #1_2/12/2019		2/12/2019	(a)	1.1	NA	NA	NA	NA
	TKPOA #1_1/22/2019		1/22/2019	(b)	2.1	NA	NA	NA	NA
	TKPOA #1_12/18/2018		12/18/2018	(a)	2.3	NA	NA	NA	NA
	TKPOA #1_10/30/2018		10/30/2018	(a)	<0.5	NA	NA	NA	NA
	TKPOA #1_9/11/2018		9/11/2018	(a)	1.6	NA	NA	NA	NA
	TKPOA #1_7/10/2018		7/10/2018	(a)	2.4	NA	NA	NA	NA
	TKPOA #1_5/27/2018		5/27/2018	(a)	2.5	NA	NA	NA	NA
	TKPOA #1_12/12/2017		12/12/2017	(b)	3.6	NA	NA	NA	NA
	TKPOA #1_9/24/2017		9/24/2017	(a)	2.1	NA	NA	NA	NA
			9/12/2017	(b)	2.2	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_8/15/2017		8/15/2017	(a)	2.2	NA	NA	NA	NA
	TKPOA #1_7/18/2017		7/18/2017	(a)	2.8	NA	NA	NA	NA
	TKPOA #1_6/20/2017		6/20/2017	(a)	2.5	NA	NA	NA	NA
	TKPOA #1_5/30/2017		5/30/2017	(a)	2.5	NA	NA	NA	NA
	TKPOA #1_4/25/2017		4/25/2017	(b)	1.9	NA	NA	NA	NA
	TKPOA #1_3/28/2017		3/28/2017	(a)	1.8	NA	NA	NA	NA
	TKPOA #1_2/28/2017		2/28/2017	(a)	2.5	NA	NA	NA	NA
	TKPOA #1_1/10/2017		1/10/2017	(a)	2.6	NA	NA	NA	NA
	TKPOA #1_12/13/2016		12/13/2016	(a)	2.3	NA	NA	NA	NA
	TKPOA #1_11/29/2016		11/29/2016	(a)	4	NA	NA	NA	NA
	TKPOA #1_9/20/2016		9/20/2016	(a)	2	NA	NA	NA	NA
	TKPOA #1_9/13/2016		9/13/2016	(a)	2	NA	NA	NA	NA
	TKPOA #1_9/6/2016		9/6/2016	(a)	2.4	NA	NA	NA	NA
	TKPOA #1_8/30/2016		8/30/2016	(a)	2.3	NA	NA	NA	NA
	TKPOA #1_8/18/2016		8/18/2016	(a)	2.3	NA	NA	NA	NA
	TKPOA #1_8/2/2016		8/2/2016	(a)	2.4	NA	NA	NA	NA
	TKPOA #1_7/21/2016		7/21/2016	(a)	1.6	NA	NA	NA	NA
	TKPOA #1_6/28/2016		6/28/2016	(a)	2.2	NA	NA	NA	NA
	TKPOA #1_6/22/2016		6/22/2016	(a)	3.3	NA	NA	NA	NA
	TKPOA #1_8/26/2014		8/26/2014	(a)	<0.5	NA	NA	NA	NA
	TKPOA #1_1/29/2014		1/29/2014	(b)	<0.5	<0.5	NA	NA	<0.5
	TKPOA #1_10/4/2005		10/4/2005	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_7/26/2005		7/26/2005	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_8/11/2002		8/11/2002	(a)	0.6	NA	NA	NA	NA
	TKPOA #1_7/23/1997		7/23/1997	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_12/12/1996		12/12/1996	(b, c)	0.65	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_10/25/1989		10/25/1989	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #1_8/28/1989		8/28/1989	(b, c)	<0.5	<0.5	<0.5	<0.5	<0.5
TKWC No. 2		138-480	6/30/2026	(b)	18	NA	NA	NA	NA
Municipal Water Supply Well			6/2/2026	(b)	21	NA	NA	NA	NA
			5/5/2026	(b)	25	NA	NA	NA	NA
			4/3/2026	(b)	26	NA	NA	NA	NA
			3/3/2026	(b)	23	NA	NA	NA	NA
			2/24/2026	(b)	29	NA	NA	NA	NA
			2/18/2026	(b)	29	NA	NA	NA	NA
			12/2/2025	(b)	30	NA	NA	NA	NA
			11/4/2025	(b)	31	NA	NA	NA	NA

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SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TKWC No. 2		138-480	10/7/2025	(b)	22	NA	NA	NA	NA
Municipal Water Supply Well			9/2/2025	(b)	23	NA	NA	NA	NA
			8/5/2025	(b)	20	NA	NA	NA	NA
			7/1/2025	(b)	22	NA	NA	NA	NA
			6/3/2025	(b)	26	NA	NA	NA	NA
			5/6/2025	(b)	31	NA	NA	NA	NA
			4/1/2025	(b)	33	NA	NA	NA	NA
			3/4/2025	(b)	31	NA	NA	NA	NA
			2/4/2025	(b)	35	NA	NA	NA	NA
			1/14/2025	(b)	26	NA	NA	NA	NA
			12/3/2024	(b)	26	NA	NA	NA	NA
			11/5/2024	(b)	31	NA	NA	NA	NA
			10/1/2024	(b)	27	NA	NA	NA	NA
			9/3/2024	(b)	26	NA	NA	NA	NA
			8/6/2024	(b)	23	NA	NA	NA	NA
			7/2/2024	(b)	26	NA	NA	NA	NA
			6/4/2024	(b)	35	NA	NA	NA	NA
			5/7/2024	(b)	35	NA	NA	NA	NA
			4/2/2024	(b)	31	NA	NA	NA	NA
			3/5/2024	(b)	32	NA	NA	NA	NA
			2/6/2024	(b)	28	NA	NA	NA	NA
			1/9/2024	(b)	33	0.51	0.65	<0.5	<0.5
			12/12/2023	(b)	29	NA	NA	NA	NA
			11/14/2023	(b)	26	<0.5	0.55	<0.5	<0.5
			10/12/2023	(b)	29	NA	NA	NA	NA
			9/12/2023	(b)	28	NA	NA	NA	NA
			8/8/2023	(b)	26	NA	NA	NA	NA
			6/13/2023	(b)	25	NA	NA	NA	NA
			5/23/2023	(b)	28	NA	NA	NA	NA
			5/9/2023	(b)	NA	<0.5	NA	NA	NA
			3/21/2023	(b)	27	NA	NA	NA	NA
			2/21/2023	(b)	<0.5	NA	NA	NA	NA
			2/7/2023	(b)	28	NA	NA	NA	NA
			1/24/2023	(b)	29	NA	NA	NA	NA
			1/11/2023	(b)	29	NA	NA	NA	NA
			12/30/2022	(b)	33	NA	NA	NA	NA
			11/18/2022	(b)	<0.5	NA	NA	NA	NA
			11/9/2022	(b)	30	NA	NA	NA	NA
			10/11/2022	(b)	29	NA	NA	NA	NA
			9/13/2022	(b)	25	NA	NA	NA	NA
			8/23/2022	(b)	34	NA	NA	NA	NA
			7/5/2022	(b)	35	NA	NA	NA	NA
			6/7/2022	(b)	35	<0.5	0.66	<0.5	<0.5
			5/6/2022	(b)	25	NA	NA	NA	NA
			2/16/2022	(b)	24	<0.5	0.52	<0.5	<0.3
	TKPOA #2_10/6/2020		10/6/2020	(a)	18	NA	NA	NA	NA
	TKPOA #2_9/1/2020		9/22/2020	(a)	3.9	NA	NA	NA	NA
			9/15/2020	(b)	3.6	NA	NA	NA	NA
	TKPOA #2_8/4/2020		8/4/2020	(a)	11	NA	NA	NA	NA
			7/28/2020	(b)	3.1	NA	NA	NA	NA
			7/21/2020	(b)	3.2	NA	NA	NA	NA
			7/14/2020	(b)	2.8	NA	NA	NA	NA
	TKPOA #2_7/7/2020		7/7/2020	(a)	20	NA	NA	NA	NA
			6/23/2020	(b)	1.7	NA	NA	NA	NA
			6/16/2020	(b)	1.9	NA	NA	NA	NA
	TKPOA #2_6/2/2020		6/2/2020	(a)	26	NA	NA	NA	NA
			5/26/2020	(b)	1.3	NA	NA	NA	NA
			5/19/2020	(b)	0.92	NA	NA	NA	NA
	TKPOA #2_5/12/2020		5/12/2020	(a)	31	NA	NA	NA	NA
	TKPOA #2_1/31/2020		1/31/2020	(a)	24	NA	NA	NA	NA
	TKPOA #2_1/23/2020		1/23/2020	(a)	28	NA	NA	NA	NA
	TKPOA #2_1/8/2020		1/8/2020	(a)	18	NA	NA	NA	NA
			7/30/2019	(b)	0.75	NA	NA	NA	NA
			7/23/2019	(b)	<0.5	NA	NA	NA	NA
			7/16/2019	(b)	14	<0.5	<0.5	<0.5	<0.5
			7/2/2019	(b)	15	NA	NA	NA	NA
			6/18/2019	(b)	<0.5	NA	NA	NA	NA
			6/11/2019	(b)	<0.5	NA	NA	NA	NA
	TKPOA #2_6/4/2019		6/4/2019	(a)	21	NA	NA	NA	NA

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TKWC No. 2		138-480	5/28/2019	(b)	<0.5	NA	NA	NA	NA
Municipal Water Supply Well			5/14/2019	(b)	<0.5	NA	NA	NA	NA
	TKPOA #2_5/9/2019		5/9/2019	(b, c)	<0.5	NA	NA	NA	NA
	TKPOA #2_1/8/2019		1/8/2019	(a)	19	NA	NA	NA	NA
	TKPOA #2_12/11/2018		12/19/2018	(a)	20	NA	NA	NA	NA
			12/11/2018	(b)	20	NA	NA	NA	NA
	TKPOA #2_11/27/2018		11/27/2018	(a)	22	NA	NA	NA	NA
			10/9/2018	(b)	1.1	NA	NA	NA	NA
	TKPOA #2_10/2/2018		10/2/2018	(a)	14	NA	NA	NA	NA
			9/25/2018	(b)	1.5	NA	NA	NA	NA
			9/18/2018	(b)	1.6	NA	NA	NA	NA
			9/11/2018	(b)	1.6	NA	NA	NA	NA
	TKPOA #2_9/6/2018		9/6/2018	(b, c)	14	NA	NA	NA	NA
			8/14/2018	(b)	0.79	NA	NA	NA	NA
	TKPOA #2_8/9/2018		8/9/2018	(a)	15	NA	NA	NA	NA
	TKPOA #2_8/7/2018		8/7/2018	(a)	15	NA	NA	NA	NA
			8/2/2018	(b)	0.79	NA	NA	NA	NA
			7/24/2018	(b)	0.90	NA	NA	NA	NA
			719/2018	(b)	0.72	NA	NA	NA	NA
			7/10/2018	(b)	<0.5	NA	NA	NA	NA
	TKPOA #2_7/5/2018		7/5/2018	(a)	24	NA	NA	NA	NA
			6/26/2018	(b)	0.61	NA	NA	NA	NA
			6/19/2018	(b)	0.58	NA	NA	NA	NA
	TKPOA #2_6/17/2018		6/17/2018	(a)	19	NA	NA	NA	NA
			6/12/2018	(b)	<0.5	NA	NA	NA	NA
	TKPOA #2_6/7/2018		6/7/2018	(a)	19	NA	NA	NA	NA
			6/5/2018	(b)	19	NA	NA	NA	NA
			5/29/2018	(b)	<0.5	NA	NA	NA	NA
	TKPOA #2_5/27/2018		5/27/2018	(a)	18	NA	NA	NA	NA
			5/22/2018	(b)	<0.5	NA	NA	NA	NA
			5/15/2018	(b)	18	NA	NA	NA	NA
			11/21/2017	(b)	17	NA	NA	NA	NA
	TKPOA #2_11/14/2017		11/14/2017	(a)	22	NA	NA	NA	NA
	TKPOA #2_11/7/2017		11/7/2017	(a)	22	NA	NA	NA	NA
	TKPOA #2_10/31/2017		10/31/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_10/24/2017		10/24/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_10/17/2017		10/17/2017	(a)	14	NA	NA	NA	NA
	TKPOA #2_10/12/2017		10/12/2017	(a)	<0.5	NA	NA	NA	NA
	TKPOA #2_10/3/2017		10/3/2017	(a)	16	NA	NA	NA	NA
			9/26/2017	(b)	11	NA	NA	NA	NA
	TKPOA #2_9/19/2017		9/19/2017	(a)	12	NA	NA	NA	NA
	TKPOA #2_9/12/2017		9/12/2017	(a)	14	NA	NA	NA	NA
			9/5/2017	(b)	12	NA	NA	NA	NA
	TKPOA #2_8/31/2017		8/31/2017	(a)	10	NA	NA	NA	NA
	TKPOA #2_8/22/2017		8/22/2017	(a)	12	NA	NA	NA	NA
	TKPOA #2_8/12/2017		8/12/2017	(a)	12	NA	NA	NA	NA
			8/15/2017	(b)	12	NA	NA	NA	NA
			8/8/2017	(b)	13	NA	NA	NA	NA
	TKPOA #2_8/4/2017		8/4/2017	(a)	14	NA	NA	NA	NA
			8/1/2017	(b)	14	NA	NA	NA	NA
	TKPOA #2_7/27/2017		7/27/2017	(a)	17	NA	NA	NA	NA
			7/25/2017	(b)	17	NA	NA	NA	NA
	TKPOA #2_7/18/2017		7/18/2017	(a)	20	NA	NA	NA	NA
	TKPOA #2_7/11/2017		7/11/2017	(a)	11	NA	NA	NA	NA
	TKPOA #2_7/5/2017		7/5/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_6/27/2017		6/27/2017	(a)	13	NA	NA	NA	NA
	TKPOA #2_6/20/2017		6/20/2017	(a)	13	NA	NA	NA	NA
	TKPOA #2_6/13/2017		6/13/2017	(a)	13	NA	NA	NA	NA
	TKPOA #2_6/6/2017		6/6/2017	(a)	21	NA	NA	NA	NA
	TKPOA #2_5/30/2017		5/30/2017	(a)	12	NA	NA	NA	NA
	TKPOA #2_5/23/2017		5/23/2017	(a)	13	NA	NA	NA	NA
	TKPOA #2_5/16/2017		5/16/2017	(a)	19	NA	NA	NA	NA
	TKPOA #2_5/9/2017		5/9/2017	(a)	14	NA	NA	NA	NA
	TKPOA #2_5/2/2017		5/2/2017	(a)	18	NA	NA	NA	NA
	TKPOA #2_4/25/2017		4/25/2017	(a)	15	NA	NA	NA	NA
	TKPOA #2_4/18/2017		4/18/2017	(a)	19	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_4/11/2017		4/11/2017	(a)	18	NA	NA	NA	NA
	TKPOA #2_4/4/2017		4/4/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_3/28/2017		3/28/2017	(a)	18	NA	NA	NA	NA

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TKWC No. 2	TKPOA #2_3/21/2017	138-480	3/21/2017	(a)	26	NA	NA	NA	NA
Municipal Water Supply Well	TKPOA #2_3/14/2017		3/14/2017	(a)	19	NA	NA	NA	NA
	TKPOA #2_3/7/2017		3/7/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_2/28/2017		2/28/2017	(a)	14	NA	NA	NA	NA
	TKPOA #2_2/14/2017		2/14/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_2/7/2017		2/7/2017	(a)	21	NA	NA	NA	NA
	TKPOA #2_1/31/2017		1/31/2017	(a)	20	NA	NA	NA	NA
	TKPOA #2_1/24/2017		1/24/2017	(a)	18	NA	NA	NA	NA
	TKPOA #2_1/17/2017		1/17/2017	(a)	20	NA	NA	NA	NA
	TKPOA #2_1/10/2017		1/10/2017	(a)	18	NA	NA	NA	NA
	TKPOA #2_1/3/2017		1/3/2017	(a)	16	NA	NA	NA	NA
	TKPOA #2_12/27/2016		12/27/2016	(a)	18	NA	NA	NA	NA
	TKPOA #2_12/20/2016		12/20/2016	(a)	16	NA	NA	NA	NA
	TKPOA #2_12/13/2016		12/13/2016	(a)	20	NA	NA	NA	NA
	TKPOA #2_12/6/2016		12/6/2016	(a)	17	NA	NA	NA	NA
	TKPOA #2_11/29/2016		11/29/2016	(a)	22	NA	NA	NA	NA
			11/15/2016	(b)	19	NA	NA	NA	NA
	TKPOA #2_11/8/2016		11/8/2016	(a)	20	NA	NA	NA	NA
	TKPOA #2_10/25/2016		10/25/2016	(a)	16	NA	NA	NA	NA
	TKPOA #2_9/27/2016		9/27/2016	(a)	17	NA	NA	NA	NA
	TKPOA #2_9/13/2016		9/13/2016	(a)	18	NA	NA	NA	NA
	TKPOA #2_9/6/2016		9/6/2016	(a)	24	NA	NA	NA	NA
			8/30/2016	(b)	19	NA	NA	NA	NA
	TKPOA #2_8/23/2016		8/23/2016	(a)	16	NA	NA	NA	NA
	TKPOA #2_8/18/2016		8/18/2016	(a)	16	NA	NA	NA	NA
	TKPOA #2_8/16/2016		8/16/2016	(a)	22	NA	NA	NA	NA
	TKPOA #2_8/2/2016		8/2/2016	(a)	19	NA	NA	NA	NA
	TKPOA #2_7/21/2016		7/21/2016	(a)	17	NA	NA	NA	NA
			7/19/2016	(b)	17	NA	NA	NA	NA
			7/12/2016	(b)	18	NA	NA	NA	NA
			7/5/2016	(b)	18	NA	NA	NA	NA
	TKPOA #2_6/28/2016		6/28/2016	(a)	17	NA	NA	NA	NA
	TKPOA #2_6/22/2016		6/22/2016	(a)	18	NA	NA	NA	NA
	TKPOA #2_10/20/2015		10/20/2015	(a)	10	NA	NA	NA	NA
	TKPOA #2_10/13/2015		10/13/2015	(a)	9.6	NA	NA	NA	NA
	TKPOA #2_10/6/2015		10/6/2015	(a)	12	NA	NA	NA	NA
	TKPOA #2_9/29/2015		9/29/2015	(a)	13	NA	NA	NA	NA
	TKPOA #2_9/22/2015		9/22/2015	(a)	12	NA	NA	NA	NA
	TKPOA #2_9/15/2015		9/15/2015	(a)	10	NA	NA	NA	NA
	TKPOA #2_9/8/2015		9/8/2015	(a)	12	NA	NA	NA	NA
	TKPOA #2_9/1/2015		9/1/2015	(a)	11	NA	NA	NA	NA
	TKPOA #2_8/18/2015		8/18/2015	(a)	14	NA	NA	NA	NA
	TKPOA #2_8/11/2015		8/11/2015	(a)	12	NA	NA	NA	NA
	TKPOA #2_8/4/2015		8/4/2015	(a)	13	NA	NA	NA	NA
	TKPOA #2_7/28/2015		7/28/2015	(a)	22	NA	NA	NA	NA
	TKPOA #2_7/21/2015		7/21/2015	(a)	16	NA	NA	NA	NA
	TKPOA #2_7/15/2015		7/15/2015	(a)	18	NA	NA	NA	NA
			10/21/2014	(b)	13	NA	NA	NA	NA
	TKPOA #2_10/14/2014		10/14/2014	(a)	12	NA	NA	NA	NA
	TKPOA #2_10/7/2014		10/7/2014	(a)	10	NA	NA	NA	NA
	TKPOA #2_9/30/2014		9/30/2014	(a)	12	NA	NA	NA	NA
	TKPOA #2_9/23/2014		9/23/2014	(a)	15	NA	NA	NA	NA
	TKPOA #2_9/16/2014		9/16/2014	(a)	13	NA	NA	NA	NA
	TKPOA #2_9/9/2014		9/9/2014	(a)	11	NA	NA	NA	NA
	TKPOA #2_9/4/2014		9/4/2014	(a)	14	NA	NA	NA	NA
	TKPOA #2_9/2/2014		9/2/2014	(a)	16	NA	NA	NA	NA
	TKPOA #2_8/26/2014		8/26/2014	(a)	14	NA	NA	NA	NA
	TKPOA #2_8/22/2014		8/22/2014	(a)	12	NA	NA	NA	NA
	TKPOA #2_8/19/2014		8/19/2014	(a)	11	NA	NA	NA	NA
	TKPOA #2_8/18/2014		8/18/2014	(a)	9.2	NA	NA	NA	NA
	TKPOA #2_8/12/2014		8/12/2014	(a)	12	NA	NA	NA	NA
	TKPOA #2_7/29/2014		7/29/2014	(a)	9.7	NA	NA	NA	NA
	TKPOA #2_7/22/2014		7/22/2014	(a)	14	NA	NA	NA	NA
	TKPOA #2_7/15/2014		7/15/2014	(a)	11	NA	NA	NA	NA
	TKPOA #2_7/8/2014		7/8/2014	(a)	12	NA	NA	NA	NA
	TKPOA #2_7/1/2014		7/1/2014	(a)	10	NA	NA	NA	NA
	TKPOA #2_6/24/2014		6/24/2014	(a)	13	NA	NA	NA	NA
	TKPOA #2_6/17/2014		6/17/2014	(a)	17	NA	NA	NA	NA
	TKPOA #2_6/10/2014		6/10/2014	(a)	12	NA	NA	NA	NA

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Sample Location and Well Type	Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Data Reference	Analytical Results in Micrograms per Liter (µg/L)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
TKWC No. 2	TKPOA #2_6/3/2014	138-480	6/3/2014	(a)	13	NA	NA	NA	NA
Municipal Water Supply Well	TKPOA #2_5/27/2014		5/27/2014	(a)	18	NA	NA	NA	NA
	TKPOA #2_5/20/2014		5/20/2014	(a)	11	NA	NA	NA	NA
	TKPOA #2_10/15/2013		10/15/2013	(a)	13	NA	NA	NA	NA
	TKPOA #2_10/1/2013		10/1/2013	(a)	11	NA	NA	NA	NA
	TKPOA #2_9/24/2013		9/24/2013	(a)	11	NA	NA	NA	NA
	TKPOA #2_9/17/2013		9/17/2013	(a)	10	NA	NA	NA	NA
	TKPOA #2_8/27/2013		8/27/2013	(a)	8.7	NA	NA	NA	NA
	TKPOA #2_8/6/2013		8/6/2013	(b,c)	14	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_8/17/2010		8/17/2010	(b,c)	19	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_5/8/2009_153		5/8/2009	(a)	12	NA	NA	NA	NA
	TKPOA #2_5/8/2009_188		5/8/2009	(a)	11	NA	NA	NA	NA
	TKPOA #2_5/7/2009_373		5/7/2009	(a)	11	NA	NA	NA	NA
	TKPOA #2_5/7/2009_433		5/7/2009	(a)	11	NA	NA	NA	NA
	TKPOA #2_4/7/2009		4/7/2009	(a)	15	NA	NA	NA	<0.5
	TKPOA #2_3/30/2009		3/30/2009	(a)	13.7	NA	NA	NA	NA
	TKPOA #2_3/3/2009		3/3/2009	(a)	13.8	NA	NA	NA	<0.5
	TKPOA #2_1/6/2009		1/6/2009	(a)	14.1	NA	NA	NA	<0.5
	TKPOA #2_12/31/2008		12/31/2008	(a)	8.9	NA	NA	NA	NA
	TKPOA #2_12/23/2008		12/23/2008	(a)	0.7	NA	NA	NA	<0.5
	TKPOA #2_10/7/2008		10/7/2008	(a)	6.0	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_9/30/2008		9/30/2008	(a)	9.7	NA	NA	NA	NA
	TKPOA #2_6/3/2008		6/3/2008	(a)	12	NA	NA	NA	NA
	TKPOA #2_8/1/2007		8/1/2007	(a)	19.5	NA	NA	NA	NA
	TKPOA #2_10/4/2005		10/4/2005	(a)	0.7	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_7/26/2005		7/26/2005	(a)	5.8	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_8/11/2002		8/11/2002	(a)	17	NA	NA	NA	NA
	TKPOA #2_7/23/1997		7/23/1997	(a)	2.6	NA	NA	NA	NA
	TKPOA #2_12/12/1996		12/12/1996	(a)	0.93	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_6/30/1990		6/30/1990	(a)	0.8	NA	NA	NA	NA
	TKPOA #2_10/25/1989		10/25/1989	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #2_8/28/1989		8/28/1989	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
			3/1/1985	(b)	NA	<0.1	NA	<0.1	<0.1
TKWC No. 3		175-300	2/24/2026	(b)	<0.5	NA	NA	NA	NA
Municipal Water Supply Well			10/1/2024	(b)	<0.5	NA	NA	NA	NA
			7/2/2024	(b)	<0.5	NA	NA	NA	NA
			4/2/2024	(b)	<0.5	NA	NA	NA	NA
			1/9/2024	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
			11/9/2022	(b)	<0.5	NA	NA	NA	NA
			2/16/2022	(b)	<0.5	<0.5	<0.5	<0.5	<0.3
			1/19/2021	(b)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_8/4/2020		8/4/2020	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_3/3/2020		3/3/2020	(a)	1.1	NA	NA	NA	NA
	TKPOA #3_1/14/2020		1/14/2020	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_6/25/2019		6/25/2019	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_10/30/2018		10/30/2018	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_3/1/2018		3/1/2018	(a)	<0.5	NA	NA	NA	NA
			12/5/2017	(b)	<0.5	NA	NA	NA	NA
	TKPOA #3_8/15/2017		8/15/2017	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_7/18/2017		8/10/2017	(a)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_6/20/2017		7/18/2017	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_5/30/2017		5/30/2017	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_9/6/2016		9/6/2016	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_8/2/2016		8/2/2016	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_6/22/2016		6/22/2016	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_8/26/2014		8/26/2014	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_1/29/2014		1/29/2014	(b,c)	<0.5	NA	NA	NA	<0.5
	TKPOA #3_8/6/2013		8/6/2013	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_10/4/2005		10/4/2005	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_7/26/2005		7/26/2005	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_8/11/2002		8/11/2002	(a)	<0.5	NA	NA	NA	NA
	TKPOA #3_7/23/1997		7/23/1997	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_10/25/1989		10/25/1989	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5
	TKPOA #3_8/28/1989		8/28/1989	(b,c)	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE C-6

SUMMARY OF ANALYTICAL RESULTS FOR MUNICIPAL SUPPLY, SMALL COMMUNITY WATER SYSTEM, AND PRIVATE WELLS

Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Abbreviations:

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
AECOM - AECOM Technical Services, Inc.
bgs - below ground surface
cis-1,2-DCE - cis-1,2-dichloroethene
EKI - EKI Environment & Water, Inc.
FD - field duplicate
ID - identification
J - estimated value
MCL - maximum contaminant level
NA - not applicable or available
ND - not detected and laboratory reporting limit is unavailable
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
TCE - trichloroethylene
trans-1,2-DCE - trans-1,2-dichloroethene
µg/L - micrograms per liter

Notes:

(a) AECOM, 2022. *Regional Plume Characterization Summary Report: South "Y" PCE Plume, 2019 2020 Field Season* . 10 June 2022.
(b) State Water Resources Control Board, Division of Drinking Water. *Drinking Water Watch* . https://sdwis.waterboards.ca.gov/PDWW/index.jsp
(c) GEI, 2016. *South Y Extraction Well Suitability Investigation* . 29 June 2016.

TABLE C-7
SUMMARY OF ANALYTICAL RESULTS FOR INDOOR AND AMBIENT AIR SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Location ID	Sample ID	Sample Location	Sample Date	Sample Duration	Data Reference	Analytical Results in Micrograms (ug/m^3)				
						PCE	TCE	cis-1-2-DCE	trans-1,2-DCE	Vinyl Chloride
AAS-1	AAS-1	Former Norma's Cleaners: Light Pole Northwest of Building	4/10/2025	24 hours	(a)	<0.24	<0.19	<0.14	<0.70	<0.045
			10/3/2024	24 hours	(a)	<0.24	<0.19	<0.14	<0.69	<0.045
AAS-2	AAS-2	Former Norma's Cleaners: Light Pole West of Building	4/10/2025	24 hours	(a)	0.018 J	<0.18	<0.14	<0.68	<0.044
			10/3/2024	24 hours	(a)	<0.23	<0.18	<0.13	<0.67	<0.043
AAS-3	AAS-3	Former Norma's Cleaners: Cart Area South of Building	4/10/2025	24 hours	(a)	<0.24	<0.19	<0.14	<0.70	<0.046
			10/3/2024	24 hours	(a)	<0.22	<0.17	<0.13	<0.64	<0.041
AAS-4	AAS-4	Former Norma's Cleaners: Light Pole South of Blue Zone Sports	4/10/2025	24 hours	(a)	<0.24	<0.19	<0.14	0.21 J	<0.045
IA-1	IA-1	Former Norma's Cleaners: South Retail Area	4/10/2025	24 hours	(a)	1.1	<0.48	<0.35	0.14 J	<0.11
			10/3/2024	24 hours	(a)	1.1	<0.48	<0.36	<1.8	<0.11
IA-2	IA-2	Former Norma's Cleaners: Center Retail Area	4/10/2025	24 hours	(a)	1.0	<0.62	<0.46	0.10 J	<0.15
			10/3/2024	24 hours	(a)	1.1	<0.51	<0.38	<1.9	<0.12
IA-3	IA-3	Former Norma's Cleaners: Northwest Retail Area	4/10/2025	24 hours	(a)	0.97	<0.39	<0.29	0.11 J	<0.094
			10/3/2024	24 hours	(a)	0.78	<0.37	<0.28	<1.4	<0.089
IA-4	IA-4	Former Norma's Cleaners: West Retail Area	4/10/2025	24 hours	(a)	1.0	<0.40	<0.30	0.11 J	<0.096
			10/3/2024	24 hours	(a)	1	<0.47	<0.35	<1.7	<0.11
IA-5	IA-5	Former Norma's Cleaners: Break Room	4/10/2025	24 hours	(a)	0.82	<0.48	<0.35	<1.8	<0.11
			4/10/2025 (DUP)	24 hours	(a)	0.83	<0.32	<0.24	0.058 J	<0.076
			10/3/2024	24 hours	(a)	1	<0.29	<0.21	<1.1	<0.069
			10/3/2024 (DUP)	24 hours	(a)	1.1	<0.64	<0.47	<2.4	<0.15
IA-6	IA-6	Former Norma's Cleaners: Storage Room	4/10/2025	24 hours	(a)	0.71	<0.38	<0.28	0.062 J	<0.091
			10/3/2024	24 hours	(a)	0.98	<0.38	<0.28	<1.4	<0.092
IA-7	IA-7	Former Norma's Cleaners: Bathroom	4/10/2025	24 hours	(a)	1.2	<0.45	<0.33	0.062 J	<0.11
			11/13/2024 (RESAMPLE)	24 hours	(a)	1.2	<0.18	<0.13	<0.67	<0.043
			10/3/2024	24 hours	(a)	2.6	<0.30	<0.22	<1.1	<0.072
IA-8	IA-8	Former Norma's Cleaners: Southeast Retail Area	4/10/2025	24 hours	(a)	1.1 J	<1.1	<0.82	<4.1	<0.26 (a)
			10/3/2024	24 hours	(a)	1.2	<0.66	<0.49	<2.4	<0.16
IA-9	IA-9	Former Norma's Cleaners: Blue Zone Sports (TJ Maxx)	4/10/2025	24 hours	(a)	1.3	<0.18	<0.14	<0.68	<0.044
IA-02	IA-02-052026	Former Big O Tires Facility	5/4/2026	8 hours	(b)	0.086 J	<0.18	<0.13	<0.66	<0.042
IA-04	IA-04-052026	Former Big O Tires Facility	5/4/2026	8 hours	(b)	<0.23	<0.18	<0.14	<0.68	<0.044
IA-06	IA-06-052026	Former Big O Tires Facility	5/4/2026	8 hours	(b)	<0.22	<0.17	<0.13	<0.64	<0.041
IA-08	IA-08-052026	Former Big O Tires Facility	5/4/2026	8 hours	(b)	0.23	<0.19	<0.14	<0.69	<0.044
	DUP-01-052026	Former Big O Tires Facility	5/4/2026	8 hours	(b)	0.23	<0.18	<0.14	<0.68	<0.044
OA-01	OA-01-052026	Former Big O Tires Facility	5/4/2026	8 hours	(b)	<0.23	<0.19	<0.14	<0.69	<0.044
V01	1032-V01	Foundational opening (men's restroom floor drain), southeast portion of space	12/24/2015	24 hours	(c)	0.514	<0.0537	<0.0397	<0.0396	<0.0256
V02	1032-V02	Indoor air (customer area), north-central portion of space	12/24/2015	24 hours	(c)	0.3	<0.0537	<0.0397	<0.0396	<0.0256
V03	1032-V03	Indoor air (teller area), southern portion of space	12/24/2015	24 hours	(c)	0.222	<0.0537	<0.0397	<0.0396	<0.0256
V04	1026-V04	Indoor air, north-central portion of space	12/24/2015	24 hours	(c)	0.079	<0.0537	<0.0397	<0.0396	<0.0256
	122415-V13	Indoor air (V04/QAQC Duplicate), north-central portion of space	12/24/2015	24 hours	(c)	0.087	<0.0537	<0.0397	<0.0396	<0.0256
V05	1026-V05	Indoor air, south-central portion of space	12/24/2015	24 hours	(c)	<0.0678	<0.0537	<0.0397	<0.0396	<0.0256
V06	1022-V06	Foundational opening (common corridor fire riser), southwest corner of structure	12/24/2015	24 hours	(c)	0.122	<0.0537	<0.0397	<0.0396	<0.0256

TABLE C-7
SUMMARY OF ANALYTICAL RESULTS FOR INDOOR AND AMBIENT AIR SAMPLES
Former Lake Tahoe Laundry Works Site, South Lake Tahoe, California

Location ID	Sample ID	Sample Location	Sample Date	Sample Duration	Data Reference	Analytical Results in Micrograms (ug/m^3)				
						PCE	TCE	cis-1-2-DCE	trans-1,2-DCE	Vinyl Chloride
V07	1024-V07	Indoor air, north-central portion of space	12/24/2015	24 hours	(c)	0.119	<0.0537	<0.0397	<0.0396	<0.0256
V08	1024-V08	Indoor air, south-central portion of space	12/24/2015	24 hours	(c)	0.101	<0.0537	<0.0397	<0.0396	<0.0256
V09	1022-V09	Indoor air, central portion of space	12/24/2015	24 hours	(c)	0.110	<0.0537	<0.0397	<0.0396	<0.0256
V10	1032-V10	Outdoor (RTU-2 intake), eastern portion of space	12/24/2015	24 hours	(c)	<0.0678	<0.0537	<0.0397	0.121	<0.0256
V11	1026-V11	Outdoor (RTU supplying northwestern portion of space), west-central portion of roof	12/24/2015	24 hours	(c)	<0.0678	<0.0537	<0.0397	<0.0396	<0.0256
V12	1032-V12	Outdoor (RTU supplying central portion of space), western portion of roof	12/24/2015	24 hours	(c)	<0.0678	<0.0537	<0.0397	<0.0396	<0.0256

Abbreviations:

Less than symbol ("<") denotes compound not detected at or above indicated laboratory reporting limit
cis-1,2-DCE - cis-1,2-dichloroethene
EKI - EKI Environment & Water, Inc.
J - estimated value
PCE - tetrachloroethene, tetrachloroethylene or perchloroethylene
PES - PES Environmental, Inc.
RWQCB ESL - Regional Water Quality Control Board Soil Vapor Environmental Screening Level, January 2026.
TCE - trichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene
$\mu g/m^3$ - micrograms per cubic meter

Notes:

(a) Geo-Logic, 2025. *Technical Memorandum: Results of Second Round Soil Vapor and Indoor Air Sampling (Task 2.3) Former Norma's Cleaners* , South Lake Tahoe, California, Geo-Logic Associates, 18 June 2025.
(b) Geosyntec Consultants, Inc. 2026, *Site Investigation Report,* Former Big O Tires Facility, 1961 Lake Tahoe Boulevard, South Lake Tahoe, California, 30 June 2026.
(c) PES, 2026. *Indoor Air Sampling Report Former Lake Tahoe Laundry Works 1022, 1024, and 1026 Lake Tahoe Boulevard and 1032 Emerald Bay Road South Lake Tahoe* , PES Environmental, Inc., 14 January 2016.

APPENDIX D

CALCULATIONS

DISSOLVED AND SORBED PCE MASS-IN-PLACE ESTIMATE
Regional PCE Plume — Dual-Domain Method with Spatial Weighting

STEP 1: SITE-SPECIFIC PARAMETERS

Parameter	Fast Domain (SP/SW sand)	Slow Domain (SM/SC/CL/ML)	Units	Source	Notes
Volume fraction	0.65	0.35		Off-Site RAP Sec	Moderate scenario; from 47% SP/SW + 53% fines
foc	0.0011	0.0036	g/g	AECOM Table 4	SM=0.0026 (n=37); slow domain weighted
SM/SC component of slow		0.0026	g/g		74% of slow = SM/SC
CL/ML component of slow		0.0065	g/g		26% of slow = CL/ML
Weighted slow foc		0.0330			
Koc (PCE)	251	251	L/kg	GAMA	
Kd = Koc × foc	0.276	0.829	L/kg	Calculated	
Effective porosity (ne)	0.28	0.1		Site-specific	Sand=0.25; silt/clay=0.30-0.40
Bulk density (ρb)	1.7	1.6	kg/L	AECOM Table 4	
Retardation (Rd)	2.6	8		Rd = 1+ρb×Kd/ne	
Mass factor per domain					ne + ρb×Kd = total storage capacity
Fast: ne+ρb×Kd	0.7492				0.28 + 1.70×0.276
Slow: ne+ρb×Kd		1.4264			0.1 + 1.60×0.829
Combined mass factor					ffast×MF_fast + fslow×MF_slow
= 0.65×1.134 + 0.35×1.502	0.98622				Converts C×V to total mass
Unit conversion	0.0000	0.0000	lbs/ft³ per µg/L		

STEP 2: DATA PROCESSING — LOCATION AVERAGING

Zone	Raw Samples	Unique Locations	Locations >MCL	% Detect	Arith Mean >MCL (µg/L)	Geomean >MCL (µg/L)	Ratio (Arith/Geo)	Skewness Indicator
SZA (0-30 ft)	344	101	22	48.5%	20	13.4	1.49	Low
MZA (30-60 ft)	165	70	33	75.7%	168.5	54	3.12	High
Upper DZA (60-80 ft)	86	59	17	50.8%	59.7	27.3	2.19	High
Lower DZA (80-150 ft)	84	23	7	73.9%	34.8	28.1	1.24	Low

Note: Arith/Geo ratio >2 indicates strong right-skew from source-area clustering.

STEP 3: SPATIAL ANALYSIS — THIESSEN vs KRIGING

Zone	Method Recommended	Thiessen Mean (µg/L)	Thiessen Area (ft²)	Kriging Mean (µg/L)	Kriging Area (ft²)	Selected Mean (µg/L)	Selected Area (ft²)	C × A Product	Data Reliability
SZA (0-30 ft)	Thiessen	25.1	991,087	21.6	1,017,500	25.1	991,087	24,876,284	Good
MZA (30-60 ft)	Thiessen	113.8	4,583,326	110	3,282,500	113.8	4,583,326	521,582,499	Good
Upper DZA (60-80 ft)	Geomean × Est.	90.8	10,019,430	36.7	13,792,500	27.3	3,500,000	95,550,000	Fair
Lower DZA (80-150 ft)	Geomean × Est.	29.4	6,910,301	49.2	10,112,500	28.1	1,500,000	42,150,000	Poor

DISSOLVED AND SORBED PCE MASS-IN-PLACE ESTIMATE

Regional PCE Plume — Dual-Domain Method with Spatial Weighting

STEP 4: MASS CALCULATION

Zone	Sat. Thick (ft)	C × A Product (µg/L·ft²)	Sat. Volume = A × T (ft³)	Dissolved Fast (lbs)	Sorbed Fast (lbs)	Dissolved Slow (lbs)	Sorbed Slow (lbs)	Total Dissolved (lbs)	Total Sorbed (lbs)	Grand Total (lbs)	Grand Total (kg)
SZA (0-30 ft)	22	24,876,284	21,803,914	24.8	35.0	4.2	57.0	29.0	92.0	121.0	55.0
MZA (30-60 ft)	30	521,582,499	137,499,780	338.4	549.0	119.6	887.0	458.0	1,436.0	1,894.0	860.9
Upper DZA (60-80 ft)	20	95,550,000	70,000,000	177.4	231.0	14.6	373.0	192.0	604.0	796.0	361.8
Lower DZA (80-150 ft)	70	42,150,000	105,000,000	550.4	687.0	22.6	1,110.0	573.0	1,797.0	2,370.0	1,077.3
TOTAL			**334,303,694**	**1,091.0**	**1,502.0**	**161.0**	**2,427.0**	**1,252.0**	**3,929.0**	**5,181.0**	**2,355.0**

% of Total

STEP 5: ZONE DISTRIBUTION SUMMARY

Zone	Mass (lbs)	Mass (kg)	% of Total	Method
SZA (0-30 ft)	121.0	55.0	2.3%	Thiessen
MZA (30-60 ft)	1,894.0	860.9	36.6%	Thiessen
Upper DZA (60-80 ft)	796.0	361.8	15.4%	Geomean × Est. Area
Lower DZA (80-150 ft)	2,370.0	1,077.3	45.7%	Geomean × Est. Area
TOTAL	**5,181.0**	**2,355.0**	**100.0%**	

CONTEXT: COMPARISON WITH OTHER ESTIMATES

Source	Estimate Range	Basis	Scope	Comparison
This analysis	2,355 kg	Thiessen/geome	Dissolved+sorbed, >M	Best estimate
DRI model (2019)	460-3,900 kg	Numerical model	Dissolved only (assum	Dissolved-only here: ~332 kg
Kennedy Jenks (2020)	350-1,500 kg (77	Projected extract	20-yr pump estimate	Not direct comparison
Prev. arith. mean calc	3,650 kg	Raw mean × ass	Dissolved+sorbed	Biased high

LIMITATIONS:

- 2D analysis per zone assumes uniform concentration over saturated thickness.

- RBF interpolation is not true kriging (no variogram, no estimation variance).

- Thiessen edge polygons clipped empirically; GIS planimetry of EVS contours needed.

- DZA plume areas are assumed (not spatially derived) due to sparse data.

MZA THIESSEN POLYGON DETAIL — AREA-WEIGHTED MASS CONTRIBUTIOI

Location (X, Y)	N Depth	Avg Conc (µg/L)	Voronoi Area (ft²)	Area (acres)	>MCL ?	C × A Product	% of Zone C×A Total
(7130460, 2105855)	7	274.3	1,234,448	28.34	Yes	338,591,320	64.9%
(7128475, 2101270)	6	140.3	304,225	6.98	Yes	42,692,859	8.2%
(7129025, 2101520)	1	718	31,134	0.71	Yes	22,354,459	4.3%
(7129230, 2101430)	1	694	31,989	0.73	Yes	22,200,526	4.3%
(7130350, 2105175)	1	47	319,935	7.34	Yes	15,036,945	2.9%
(7128980, 2100845)	3	758.9	19,516	0.45	Yes	14,810,372	2.8%
(7128875, 2101645)	1	338	30,492	0.7	Yes	10,306,155	2.0%
(7130960, 2104315)	2	6.8	1,239,629	28.46	Yes	8,429,477	1.6%
(7129125, 2101455)	1	351	20,082	0.46	Yes	7,048,666	1.4%
(7128955, 2101785)	2	533.6	11,730	0.27	Yes	6,259,461	1.2%
(7128720, 2100675)	2	74.2	69,347	1.59	Yes	5,145,169	1.0%
(7128990, 2100825)	6	518.3	8,469	0.19	Yes	4,389,954	0.8%
(7128820, 2100740)	3	178.5	19,942	0.46	Yes	3,558,980	0.7%
(7129160, 2102100)	2	6.9	467,527	10.73	Yes	3,225,940	0.6%
(7129500, 2101525)	2	8.4	376,288	8.64	Yes	3,149,527	0.6%
(7129100, 2101480)	6	268.3	9,250	0.21	Yes	2,482,157	0.5%
(7129105, 2101825)	3	65.4	37,228	0.85	Yes	2,435,921	0.5%
(7128885, 2100770)	3	153.7	13,319	0.31	Yes	2,047,559	0.4%
(7128735, 2100545)	1	94.4	19,469	0.45	Yes	1,837,917	0.4%
(7130550, 2105110)	1	3.9	459,572	10.55	No	1,792,332	
(7128385, 2105375)	4	1.4	1,239,629	28.46	No	1,735,481	
(7128885, 2100265)	1	31.7	49,425	1.13	Yes	1,566,758	0.3%
(7129275, 2105350)	3	2.5	538,012	12.35	No	1,359,377	
(7129015, 2101880)	2	93.7	12,565	0.29	Yes	1,176,730	0.2%
(7128360, 2100175)	1	4.3	187,570	4.31	No	814,054	
(7128990, 2105110)	2	0.9	636,197	14.61	No	556,672	
(7128865, 2101700)	3	15	36,597	0.84	Yes	548,960	0.1%
(7129415, 2100810)	2	7.1	75,779	1.74	Yes	538,028	0.1%
(7129115, 2100535)	1	8	52,114	1.2	Yes	415,873	0.1%
(7130305, 2105950)	2	0.6	663,283	15.23	No	414,552	
(7129080, 2100910)	3	7.5	50,093	1.15	Yes	374,026	0.1%
(7128865, 2100370)	8	60.8	4,248	0.1	Yes	258,331	0.0%
(7129095, 2100580)	2	14.3	17,053	0.39	Yes	243,852	0.0%
(7128755, 2100495)	1	40.4	4,811	0.11	Yes	194,348	0.0%
(7131870, 2103555)	3	0.2	1,239,629	28.46	No	194,209	
(7128785, 2102555)	2	0.3	447,512	10.27	No	134,253	
(7129485, 2101370)	2	5	26,196	0.6	No	130,325	
(7127425, 2101985)	2	0.4	259,266	5.95	No	101,114	
(7128770, 2100455)	1	14.1	5,997	0.14	Yes	84,555	0.0%
(7127725, 2102450)	2	0.3	149,456	3.43	No	50,815	
(7128755, 2102545)	1	0.6	76,873	1.76	No	46,124	
(7127805, 2102675)	1	0.4	106,633	2.45	No	40,520	
(7128550, 2099895)	3	0.2	176,245	4.05	No	37,599	

(7128835, 2100440)	1	16.3	2,216	0.05	Yes	36,122	0.0%
(7128890, 2100480)	2	7.8	4,578	0.11	Yes	35,934	0.0%
(7128640, 2100270)	2	0.7	39,482	0.91	No	27,835	
(7129500, 2101210)	2	0.5	41,510	0.95	No	19,302	
(7128870, 2100400)	7	8.1	2,026	0.05	Yes	16,371	0.0%
(7129765, 2101005)	3	0.4	39,714	0.91	No	15,621	
(7128860, 2100380)	1	5.2	1,809	0.04	Yes	9,315	0.0%
(7128955, 2100510)	2	0.6	7,078	0.16	No	3,928	
(7129710, 2100975)	3	0.2	8,987	0.21	No	2,157	
(7128970, 2100470)	6	0.1	10,354	0.24	No	621	
(7127555, 2100460)	1	0	1,239,629	28.46	No	0	
(7129340, 2099720)	2	0	404,001	9.27	No	0	
(7129140, 2099815)	2	0	79,038	1.81	No	0	
(7129670, 2100945)	3	0	52,415	1.2	No	0	
(7129815, 2101050)	3	0	1,239,629	28.46	No	0	
(7128915, 2099320)	3	0	831,538	19.09	No	0	
(7128715, 2099615)	3	0	346,285	7.95	No	0	
(7129690, 2100030)	3	0	1,239,629	28.46	No	0	
(7127260, 2102100)	1	0	27,764	0.64	No	0	
(7127660, 2103365)	1	0	1,239,629	28.46	No	0	
(7127880, 2103105)	1	0	79,949	1.84	No	0	
(7128065, 2103005)	1	0	87,440	2.01	No	0	
(7128150, 2102955)	1	0	114,802	2.64	No	0	
(7128830, 2102005)	1	0	127,223	2.92	No	0	
(7128355, 2102820)	1	0	245,479	5.64	No	0	
(7126975, 2102005)	1	0	919,154	21.1	No	0	
(7127315, 2102245)	2	0	192,686	4.42	No	0	

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
CPT-G10	7,130,962.3	2,104,317.1	78	82	80	Lower DZA	2.1
Sonic-20	7,127,803.4	2,102,677.1	78	82	80	Lower DZA	130
Sonic-20	7,127,803.4	2,102,677.1	78	82	80	Lower DZA	160
Sonic-21	7,126,975.3	2,102,004.0	78	82	80	Lower DZA	0
CPT-F11	7,128,387.0	2,105,373.8	80	84	82	Lower DZA	2.4
CPT-F11	7,128,387.0	2,105,373.8	80	84	82	Lower DZA	2.4
CPT-G08	7,130,460.5	2,105,855.3	80	84	82	Lower DZA	17
CPT-G08	7,130,460.5	2,105,855.3	80	84	82	Lower DZA	17
SONIC-14	7,129,652.1	2,107,206.3	81	85	83	Lower DZA	0
Sonic-14	7,129,652.1	2,107,206.3	81	85	83	Lower DZA	0
SONIC-17	7,128,988.6	2,105,110.0	83	85	84	Lower DZA	5.4
SONIC-19A	7,126,922.3	2,103,934.8	83	87	85	Lower DZA	160
SONIC-19A	7,126,922.3	2,103,934.8	83	87	85	Lower DZA	140
Sonic-22	7,128,863.1	2,101,700.1	87	91	89	Lower DZA	0.25
CPT-F12	7,129,275.5	2,105,349.1	91	95	93	Lower DZA	2.4
Sonic-16	7,130,351.7	2,105,173.3	91	95	93	Lower DZA	10
Sonic-16	7,130,351.7	2,105,173.3	91	95	93	Lower DZA	9.6
CPT-G09	7,130,550.8	2,105,108.7	92	96	94	Lower DZA	5.5
Sonic-21	7,126,975.3	2,102,004.0	94	98	96	Lower DZA	0
CPT-G08	7,130,460.5	2,105,855.3	96	100	98	Lower DZA	0
Sonic-18	7,125,546.8	2,103,121.7	96	100	98	Lower DZA	0
CPT-G09	7,130,550.8	2,105,108.7	99	100	99.5	Lower DZA	0
Sonic-17	7,128,988.6	2,105,110.0	98	102	100	Lower DZA	5.3
CPT-G09	7,130,550.8	2,105,108.7	99	103	101	Lower DZA	0
SONIC-19A	7,126,922.3	2,103,934.8	103	107	105	Lower DZA	3.4
CPT-F11	7,128,387.0	2,105,373.8	104	108	106	Lower DZA	22
CPT-F11	7,128,387.0	2,105,373.8	104	108	106	Lower DZA	22
Clement Well Sit	7,127,569.6	2,100,448.1	104.38	114.38	109.38	Lower DZA	0
Clement Well Sit	7,127,569.6	2,100,448.1	104.38	114.38	109.38	Lower DZA	0
Clement Well Sit	7,127,569.6	2,100,448.1	104.38	114.38	109.38	Lower DZA	0
CPT-F12	7,129,275.5	2,105,349.1	108	112	110	Lower DZA	2.7
CPT-F12	7,129,275.5	2,105,349.1	108	112	110	Lower DZA	2.7
TVSchool	7,129,612.0	2,103,454.7	110	115	112.5	Lower DZA	0
TVSchool	7,129,612.0	2,103,454.7	110	115	112.5	Lower DZA	0
Sonic-14	7,129,652.1	2,107,206.3	111	115	113	Lower DZA	26
SONIC-15	7,130,303.1	2,105,951.1	116	120	118	Lower DZA	0
Sonic-15	7,130,303.1	2,105,951.1	116	120	118	Lower DZA	0
SONIC-22	7,128,863.1	2,101,700.1	121	125	123	Lower DZA	0
Sonic-22	7,128,863.1	2,101,700.1	121	125	123	Lower DZA	0
SONIC-19A	7,126,922.3	2,103,934.8	123	127	125	Lower DZA	3.8
Lukins Well #2_L	7,126,597.2	2,104,797.4	126	126	126	Lower DZA	3.6
Lukins Well #4_L	7,128,237.8	2,103,224.5	125	130	127.5	Lower DZA	39.8
Lukins Well #4_L	7,128,237.8	2,103,224.5	125	130	127.5	Lower DZA	26.7
Sonic-16	7,130,351.7	2,105,173.3	133	137	135	Lower DZA	0
Sonic-15	7,130,303.1	2,105,951.1	136	140	138	Lower DZA	0
SONIC-17	7,128,988.6	2,105,110.0	138	140	139	Lower DZA	5.3
Sonic-17	7,128,988.6	2,105,110.0	138	142	140	Lower DZA	0

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
Sonic-14	7,129,652.1	2,107,206.3	142	146	144	Lower DZA	0
Lukins Well #2_L	7,126,597.2	2,104,797.4	145	150	147.5	Lower DZA	0.6
Lukins Well #2_L	7,126,597.2	2,104,797.4	145	150	147.5	Lower DZA	0.8
Lukins Well #1_L	7,124,262.4	2,104,064.8	132	182	157	Lower DZA	0
Sonic-22	7,128,863.1	2,101,700.1	156	160	158	Lower DZA	0
Lukins Well #5_L	7,126,602.4	2,104,839.0	141	180	160.5	Lower DZA	67
Sonic-18	7,125,546.8	2,103,121.7	161	165	163	Lower DZA	0.59
TKPOA_TKWC V	7,127,176.2	2,105,989.7	138	188	163	Lower DZA	17
TKPOA_TKWC V	7,127,176.2	2,105,989.7	138	188	163	Lower DZA	20
TKPOA_TKWC V	7,127,176.2	2,105,989.7	138	188	163	Lower DZA	16
TKPOA_TKWC V	7,127,176.2	2,105,989.7	138	188	163	Lower DZA	18
TKPOA_TKWC V	7,127,176.2	2,105,989.7	138	188	163	Lower DZA	16
Sonic-20	7,127,803.4	2,102,677.1	168	172	170	Lower DZA	2
Sonic-21	7,126,975.3	2,102,004.0	168	172	170	Lower DZA	0
Sonic-16	7,130,351.7	2,105,173.3	173	177	175	Lower DZA	0
Sonic-21	7,126,975.3	2,102,004.0	183	187	185	Lower DZA	0
Sonic-15	7,130,303.1	2,105,951.1	186	190	188	Lower DZA	0
Sonic-17	7,128,988.6	2,105,110.0	198	202	200	Lower DZA	0
SONIC-19A	7,126,922.3	2,103,934.8	203	207	205	Lower DZA	1.7
SONIC-19A	7,126,922.3	2,103,934.8	203	207	205	Lower DZA	1.4
Sonic-20	7,127,803.4	2,102,677.1	203	207	205	Lower DZA	0
Sonic-18	7,125,546.8	2,103,121.7	211	215	213	Lower DZA	0.32
TKPOA_TKWC V	7,129,216.1	2,107,925.5	125	312	218.5	Lower DZA	2.3
TKPOA_TKWC V	7,129,216.1	2,107,925.5	125	312	218.5	Lower DZA	1.8
TKPOA_TKWC V	7,129,216.1	2,107,925.5	125	312	218.5	Lower DZA	2.1
Sonic-14	7,129,652.1	2,107,206.3	221	225	223	Lower DZA	0
Sonic-16	7,130,351.7	2,105,173.3	223	227	225	Lower DZA	0
Sonic-17	7,128,988.6	2,105,110.0	223	227	225	Lower DZA	0
TKPOA_TKWC V	7,124,190.0	2,106,710.0	175	300	237.5	Lower DZA	0
TKPOA_TKWC V	7,124,190.0	2,106,710.0	175	300	237.5	Lower DZA	0
Sonic-18	7,125,546.8	2,103,121.7	241	245	243	Lower DZA	0.97
Sonic-15	7,130,303.1	2,105,951.1	246	250	248	Lower DZA	0
SONIC-19A	7,126,922.3	2,103,934.8	248	252	250	Lower DZA	0
Sonic-20	7,127,803.4	2,102,677.1	248	252	250	Lower DZA	0
Sonic-21	7,126,975.3	2,102,004.0	248	252	250	Lower DZA	0
Sonic-22	7,128,863.1	2,101,700.1	253	257	255	Lower DZA	0
Sonic-14	7,129,652.1	2,107,206.3	316	320	318	Lower DZA	0
DUN1	7,129,500.0	2,101,211.1	28	32	30	MZA	0.93
DUN2	7,129,500.0	2,101,523.8	28	32	30	MZA	16
J1	7,129,485.9	2,101,368.8	28	32	30	MZA	9.95
KM1	7,129,339.4	2,099,718.1	28	32	30	MZA	0
KM2	7,129,142.2	2,099,813.9	28	32	30	MZA	0
LTB1	7,129,671.8	2,100,943.5	28	32	30	MZA	0
LTB2	7,129,711.2	2,100,974.5	28	32	30	MZA	0.72
LTB3	7,129,764.8	2,101,005.4	28	32	30	MZA	1.18
SB-14	7,127,659.8	2,103,363.3	30	30	30	MZA	0
SB-15	7,127,880.9	2,103,104.3	30	30	30	MZA	0

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
SB-16	7,128,064.2	2,103,005.4	30	30	30	MZA	0
SB-17	7,128,148.6	2,102,953.0	30	30	30	MZA	0
LTLW-GW-2	7,128,642.0	2,100,267.8	29	33	31	MZA	0
CPT-G11	7,131,869.7	2,103,553.2	30	34	32	MZA	0.47
LTLW-GW-10	7,128,883.0	2,100,771.6	30	34	32	MZA	23.2
LTLW-GW-11	7,128,980.3	2,100,844.1	30	34	32	MZA	596
LTLW-GW-12	7,129,080.2	2,100,909.7	30	34	32	MZA	11.5
LTLW-GW-8	7,128,722.5	2,100,675.9	30	34	32	MZA	3.39
LTLW-GW-9	7,128,819.7	2,100,738.8	30	34	32	MZA	16.1
LTLW-GW-9	7,128,819.7	2,100,738.8	30	34	32	MZA	16.3
SB-03	7,127,258.3	2,102,100.5	32	32	32	MZA	0
SB-20	7,128,832.4	2,102,004.5	32	32	32	MZA	0
SB-22	7,128,355.2	2,102,822.1	32	32	32	MZA	0
SONIC-17	7,128,988.6	2,105,110.0	31	35	33	MZA	1.5
Sonic-17	7,128,988.6	2,105,110.0	31	35	33	MZA	0.25
CPT-F11	7,128,387.0	2,105,373.8	32	36	34	MZA	0
CPT-F12	7,129,275.5	2,105,349.1	32	36	34	MZA	0.78
LTLW-GW-21	7,129,689.4	2,100,029.6	32	36	34	MZA	0
Sonic-20	7,127,803.4	2,102,677.1	33	37	35	MZA	0.38
SB-19	7,128,756.7	2,102,542.8	36	36	36	MZA	0.6
J2	7,129,232.4	2,101,428.0	35	39	37	MZA	694
J3	7,129,125.3	2,101,456.2	35	39	37	MZA	351
J4	7,129,023.9	2,101,520.9	35	39	37	MZA	718
J5	7,128,877.4	2,101,644.9	35	39	37	MZA	338
LTB2	7,129,711.2	2,100,974.5	35	39	37	MZA	0
LTB4	7,129,812.6	2,101,047.7	35	39	37	MZA	0
5E	7,129,015.4	2,101,881.5	36	40	38	MZA	63.3
FIF	7,128,956.3	2,101,785.7	36	40	38	MZA	27.3
LTLW-GW-16	7,128,913.4	2,099,319.0	36	40	38	MZA	0
LTLW-GW-17	7,128,715.9	2,099,614.1	36	40	38	MZA	0
LTLW-GW-18	7,128,549.9	2,099,896.3	36	40	38	MZA	0
OS-4M	7,129,100.9	2,101,482.0	33	43	38	MZA	540
OS-4M	7,129,100.9	2,101,482.0	33	43	38	MZA	290
OS-4M	7,129,100.9	2,101,482.0	33	43	38	MZA	330
OS-4M	7,129,100.9	2,101,482.0	33	43	38	MZA	180
OS-4M	7,129,100.9	2,101,482.0	33	43	38	MZA	130
OS-4M	7,129,100.9	2,101,482.0	33	43	38	MZA	140
SONIC-15	7,130,303.1	2,105,951.1	36	40	38	MZA	1
Sonic-15	7,130,303.1	2,105,951.1	36	40	38	MZA	0.25
Sonic-21	7,126,975.3	2,102,004.0	37	41	39	MZA	0
CPT-G10	7,130,962.3	2,104,317.1	38	42	40	MZA	6.9
CPT-G10	7,130,962.3	2,104,317.1	38	42	40	MZA	6.7
LTLW-GW-5	7,128,887.8	2,100,479.9	38	42	40	MZA	15.7
LTLW-GW-6	7,128,952.8	2,100,510.4	38	42	40	MZA	0.56
LTLW-GW-7	7,129,093.7	2,100,582.3	38	42	40	MZA	28.6
CPT-G08	7,130,460.5	2,105,855.3	40	44	42	MZA	200
CPT-G08	7,130,460.5	2,105,855.3	40	44	42	MZA	290

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
CPT-G08	7,130,460.5	2,105,855.3	40	44	42	MZA	190
CPT-G08	7,130,460.5	2,105,855.3	40	44	42	MZA	230
CPT-G11	7,131,869.7	2,103,553.2	40	44	42	MZA	0
KM1	7,129,339.4	2,099,718.1	40	44	42	MZA	0
KM2	7,129,142.2	2,099,813.9	40	44	42	MZA	0
LTLW-GW-16	7,128,913.4	2,099,319.0	40	44	42	MZA	0
LTLW-GW-17	7,128,715.9	2,099,614.1	40	44	42	MZA	0
LTLW-GW-18	7,128,549.9	2,099,896.3	40	44	42	MZA	0
MW-4B	7,129,104.4	2,101,824.3	35	50	42.5	MZA	110
MW-4B	7,129,104.4	2,101,824.3	35	50	42.5	MZA	86
MW-8B	7,128,785.3	2,102,554.7	35	50	42.5	MZA	0.3
SM-MW-4B	7,129,106.4	2,101,823.3	35	50	42.5	MZA	0.3
SM-MW-8B	7,128,785.3	2,102,554.7	35	50	42.5	MZA	0.3
SM-MW-9B	7,129,159.3	2,102,102.3	35	50	42.5	MZA	9.2
SM-MW-9B	7,129,159.3	2,102,102.3	35	50	42.5	MZA	4.6
J6	7,127,725.3	2,102,450.5	41	45	43	MZA	0
LTB1	7,129,671.8	2,100,943.5	41	45	43	MZA	0
LTB3	7,129,764.8	2,101,005.4	41	45	43	MZA	0
LTLW-GW-1	7,128,861.1	2,100,379.7	41	45	43	MZA	5.15
LTLW-GW-19	7,129,115.2	2,100,536.5	41	45	43	MZA	7.98
LTLW-GW-20	7,129,412.6	2,100,807.7	41	45	43	MZA	14.2
LTLW-GW-3	7,128,884.8	2,100,262.9	41	45	43	MZA	31.7
LTLW-GW-4	7,128,833.1	2,100,441.7	41	45	43	MZA	16.3
OS-3M	7,128,473.5	2,101,271.7	38	48	43	MZA	163
OS-3M	7,128,473.5	2,101,271.7	38	48	43	MZA	130
OS-3M	7,128,473.5	2,101,271.7	38	48	43	MZA	200
OS-3M	7,128,473.5	2,101,271.7	38	48	43	MZA	210
OS-3M	7,128,473.5	2,101,271.7	38	48	43	MZA	67
OS-3M	7,128,473.5	2,101,271.7	38	48	43	MZA	72
ROG	7,127,423.9	2,101,985.7	41	45	43	MZA	0
SONIC-22	7,128,863.1	2,101,700.1	41	45	43	MZA	15
Sonic-22	7,128,863.1	2,101,700.1	41	45	43	MZA	15
TEN	7,127,316.8	2,102,244.9	41	45	43	MZA	0
LTLW-GW-10	7,128,883.0	2,100,771.6	42	46	44	MZA	148
LTLW-GW-11	7,128,980.3	2,100,844.1	42	46	44	MZA	1680
LTLW-GW-12	7,129,080.2	2,100,909.7	42	46	44	MZA	10.9
LTLW-GW-13	7,128,772.0	2,100,457.0	42	46	44	MZA	14.1
LTLW-GW-14	7,128,755.0	2,100,495.0	42	46	44	MZA	40.4
LTLW-GW-15	7,128,734.0	2,100,543.0	42	46	44	MZA	94.4
LTLW-GW-21	7,129,689.4	2,100,029.6	42	46	44	MZA	0
LTLW-GW-8	7,128,722.5	2,100,675.9	42	46	44	MZA	145
LTLW-GW-9	7,128,819.7	2,100,738.8	42	46	44	MZA	503
Clement Well Sit	7,127,554.2	2,100,460.6	39.07	49.07	44.07	MZA	0
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	18
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	17
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	6.5
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	7.7

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	5.4
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	1.1
LW-MW-2D	7,128,872.3	2,100,401.3	39.5	49.5	44.5	MZA	0.87
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	7.3
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	190
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	55
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	130
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	44
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	24
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	27
LW-MW-1D	7,128,866.3	2,100,371.6	40	50	45	MZA	9.2
OS-2M	7,128,992.5	2,100,824.9	42	48	45	MZA	1580
OS-2M	7,128,992.5	2,100,824.9	42	48	45	MZA	320
OS-2M	7,128,992.5	2,100,824.9	42	48	45	MZA	410
OS-2M	7,128,992.5	2,100,824.9	42	48	45	MZA	250
OS-2M	7,128,992.5	2,100,824.9	42	48	45	MZA	270
OS-2M	7,128,992.5	2,100,824.9	42	48	45	MZA	280
LW-MW-5D	7,128,972.0	2,100,470.8	40.5	50.5	45.5	MZA	0
LW-MW-5D	7,128,972.0	2,100,470.8	40.5	50.5	45.5	MZA	0
LW-MW-5D	7,128,972.0	2,100,470.8	40.5	50.5	45.5	MZA	0
LW-MW-5D	7,128,972.0	2,100,470.8	40.5	50.5	45.5	MZA	0
LW-MW-5D	7,128,972.0	2,100,470.8	40.5	50.5	45.5	MZA	0.36
LW-MW-5D	7,128,972.0	2,100,470.8	40.5	50.5	45.5	MZA	0
CPT-G09	7,130,550.8	2,105,108.7	44	48	46	MZA	3.9
TATA	7,128,361.9	2,100,174.4	44	48	46	MZA	4.34
5E	7,129,015.4	2,101,881.5	45	49	47	MZA	124
FIF	7,128,956.3	2,101,785.7	45	49	47	MZA	1040
LTB2	7,129,711.2	2,100,974.5	45	49	47	MZA	0
LTB4	7,129,812.6	2,101,047.7	45	49	47	MZA	0
LTLW-GW-2	7,128,642.0	2,100,267.8	46	50	48	MZA	1.41
LTB1	7,129,671.8	2,100,943.5	48	52	50	MZA	0
LTB3	7,129,764.8	2,101,005.4	48	52	50	MZA	0
LTLW-GW-20	7,129,412.6	2,100,807.7	48	52	50	MZA	0
CPT-F12	7,129,275.5	2,105,349.1	49	53	51	MZA	3.4
CPT-F12	7,129,275.5	2,105,349.1	49	53	51	MZA	3.4
J6	7,127,725.3	2,102,450.5	49	53	51	MZA	0.68
ROG	7,127,423.9	2,101,985.7	49	53	51	MZA	0.78
TEN	7,127,316.8	2,102,244.9	49	53	51	MZA	0
LTLW-GW-16	7,128,913.4	2,099,319.0	50	54	52	MZA	0
LTLW-GW-17	7,128,715.9	2,099,614.1	50	54	52	MZA	0
LTLW-GW-18	7,128,549.9	2,099,896.3	50	54	52	MZA	0.64
CPT-G08	7,130,460.5	2,105,855.3	51	55	53	MZA	340
CPT-G08	7,130,460.5	2,105,855.3	51	55	53	MZA	330
CPT-G08	7,130,460.5	2,105,855.3	51	55	53	MZA	340
Sonic-22	7,128,863.1	2,101,700.1	51	55	53	MZA	15
CPT-F11	7,128,387.0	2,105,373.8	52	56	54	MZA	1.8
CPT-F11	7,128,387.0	2,105,373.8	52	56	54	MZA	2

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
CPT-F11	7,128,387.0	2,105,373.8	52	56	54	MZA	1.8
DUN1	7,129,500.0	2,101,211.1	52	56	54	MZA	0
DUN2	7,129,500.0	2,101,523.8	52	56	54	MZA	0.74
J1	7,129,485.9	2,101,368.8	52	56	54	MZA	0
Sonic-16	7,130,351.7	2,105,173.3	53	57	55	MZA	47
LTB4	7,129,812.6	2,101,047.7	54	58	56	MZA	0
LTLW-GW-21	7,129,689.4	2,100,029.6	54	58	56	MZA	0
CPT-G11	7,131,869.7	2,103,553.2	56	60	58	MZA	0
LTLW-GW-11	7,128,980.3	2,100,844.1	56	60	58	MZA	0.66
LTLW-GW-12	7,129,080.2	2,100,909.7	56	60	58	MZA	0
LTLW-GW-5	7,128,887.8	2,100,479.9	56	60	58	MZA	0
LTLW-GW-6	7,128,952.8	2,100,510.4	56	60	58	MZA	0.55
LTLW-GW-7	7,129,093.7	2,100,582.3	56	60	58	MZA	0
LTLW-GW-10	7,128,883.0	2,100,771.6	57	61	59	MZA	290
SONIC-14	7,129,652.1	2,107,206.3	5	9	7	SZA	0
Sonic-14	7,129,652.1	2,107,206.3	5	9	7	SZA	0
VE-2	7,128,865.5	2,100,389.9	5	10	7.5	SZA	0.72
LTLW-GW-16	7,128,913.4	2,099,319.0	6	10	8	SZA	0
LTLW-GW-17	7,128,715.9	2,099,614.1	6	10	8	SZA	0
LTLW-GW-18	7,128,549.9	2,099,896.3	6	10	8	SZA	0
LTLW-GW-19	7,129,115.2	2,100,536.5	6	10	8	SZA	4.18
LTLW-GW-20	7,129,412.6	2,100,807.7	6	10	8	SZA	0
LTLW-GW-21	7,129,689.4	2,100,029.6	6	10	8	SZA	0
LTLW-GW-2	7,128,642.0	2,100,267.8	7	11	9	SZA	0
VE-12	7,128,933.3	2,100,468.8	9.5	11.5	10.5	SZA	0
VE-10	7,129,020.0	2,100,510.1	10	12	11	SZA	0.64
VE-11	7,128,978.1	2,100,489.9	10	12	11	SZA	0
CPT-G10	7,130,962.3	2,104,317.1	10	14	12	SZA	0
LTLW-GW-1	7,128,861.1	2,100,379.7	10	14	12	SZA	123
LTLW-GW-3	7,128,884.8	2,100,262.9	10	14	12	SZA	0
LTLW-GW-4	7,128,833.1	2,100,441.7	10	14	12	SZA	3.15
LTLW-GW-5	7,128,887.8	2,100,479.9	10	14	12	SZA	5.68
LTLW-GW-5	7,128,887.8	2,100,479.9	10	14	12	SZA	6.67
LTLW-GW-6	7,128,952.8	2,100,510.4	10	14	12	SZA	6.38
LTLW-GW-7	7,129,093.7	2,100,582.3	10	14	12	SZA	1.27
SB-11	7,127,581.2	2,102,537.0	12	12	12	SZA	0
SB-12	7,127,703.4	2,102,470.0	12	12	12	SZA	0
SB-18	7,128,282.4	2,102,397.3	12	12	12	SZA	0
VE-4	7,128,959.2	2,100,431.8	11	13	12	SZA	0
VE-5	7,129,009.2	2,100,450.7	11.4	13.4	12.4	SZA	0
VE-13	7,128,886.5	2,100,442.0	11.5	13.5	12.5	SZA	1.1
CPT-G09	7,130,550.8	2,105,108.7	11	15	13	SZA	0
CPT-G09	7,130,550.8	2,105,108.7	11	15	13	SZA	0
VE-3	7,128,910.6	2,100,411.3	12	14	13	SZA	0
SB-06	7,127,505.6	2,102,147.1	14	14	14	SZA	0
Sonic-19	7,126,922.3	2,103,934.8	13	17	15	SZA	0
LTLW-GW-13	7,128,772.0	2,100,457.0	14	18	16	SZA	3.62

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LTLW-GW-13	7,128,772.0	2,100,457.0	14	18	16	SZA	3.98
LTLW-GW-14	7,128,755.0	2,100,495.0	14	18	16	SZA	11.7
LTLW-GW-15	7,128,734.0	2,100,543.0	14	18	16	SZA	7.79
LTLW-GW-2	7,128,642.0	2,100,267.8	14	18	16	SZA	0
OS-2S	7,128,987.5	2,100,822.0	8.5	23.5	16	SZA	51.3
OS-2S	7,128,987.5	2,100,822.0	8.5	23.5	16	SZA	23
OS-2S	7,128,987.5	2,100,822.0	8.5	23.5	16	SZA	14
OS-2S	7,128,987.5	2,100,822.0	8.5	23.5	16	SZA	2.5
OS-2S	7,128,987.5	2,100,822.0	8.5	23.5	16	SZA	16
OS-2S	7,128,987.5	2,100,822.0	8.5	23.5	16	SZA	30
OS-3S	7,128,478.6	2,101,267.4	8.5	23.5	16	SZA	0
OS-3S	7,128,478.6	2,101,267.4	8.5	23.5	16	SZA	0
OS-3S	7,128,478.6	2,101,267.4	8.5	23.5	16	SZA	0
OS-3S	7,128,478.6	2,101,267.4	8.5	23.5	16	SZA	0
OS-3S	7,128,478.6	2,101,267.4	8.5	23.5	16	SZA	0
OS-3S	7,128,478.6	2,101,267.4	8.5	23.5	16	SZA	0
SB-01	7,127,569.6	2,101,821.2	16	16	16	SZA	0
SB-02	7,127,357.2	2,102,030.7	16	16	16	SZA	0
SB-05	7,127,496.9	2,102,356.6	16	16	16	SZA	0
SB-07	7,127,409.6	2,102,400.2	16	16	16	SZA	0
SB-09	7,127,211.7	2,102,915.2	16	16	16	SZA	1.2
SB-09	7,127,211.7	2,102,915.2	16	16	16	SZA	1.4
SB-10	7,127,516.0	2,102,588.7	16	16	16	SZA	1.6
SB-13	7,127,648.2	2,102,921.0	16	16	16	SZA	0
HUR-MW-3	7,129,092.6	2,101,352.9	9	24	16.5	SZA	2.3
HUR-MW-3	7,129,092.6	2,101,352.9	9	24	16.5	SZA	0.95
HUR-MW-3	7,129,092.6	2,101,352.9	9	24	16.5	SZA	0
HUR-MW-3	7,129,092.6	2,101,352.9	9	24	16.5	SZA	0
HUR-MW-3	7,129,092.6	2,101,352.9	9	24	16.5	SZA	1
HUR-MW-4	7,129,158.1	2,101,069.4	9	24	16.5	SZA	11
HUR-MW-4	7,129,158.1	2,101,069.4	9	24	16.5	SZA	4.4
HUR-MW-4	7,129,158.1	2,101,069.4	9	24	16.5	SZA	9.1
HUR-MW-4	7,129,158.1	2,101,069.4	9	24	16.5	SZA	9.1
HUR-MW-5	7,129,150.2	2,101,386.8	9	24	16.5	SZA	9.5
HUR-MW-5	7,129,150.2	2,101,386.8	9	24	16.5	SZA	3.2
HUR-MW-5	7,129,150.2	2,101,386.8	9	24	16.5	SZA	4.2
HUR-MW-5	7,129,150.2	2,101,386.8	9	24	16.5	SZA	4.2
OS-4S	7,129,105.9	2,101,477.7	9	24	16.5	SZA	5.22
OS-4S	7,129,105.9	2,101,477.7	9	24	16.5	SZA	2.3
OS-4S	7,129,105.9	2,101,477.7	9	24	16.5	SZA	1.6
OS-4S	7,129,105.9	2,101,477.7	9	24	16.5	SZA	0
OS-4S	7,129,105.9	2,101,477.7	9	24	16.5	SZA	1.4
OS-4S	7,129,105.9	2,101,477.7	9	24	16.5	SZA	2.8
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	2.8

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	1.6
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	2.3
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	1.5
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	2.3
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0.74
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0.26
LW-MW-10SR	7,128,898.1	2,100,290.3	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.86
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.89
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.98
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	3.8
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.4
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.66
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.1
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.68
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.6
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.62
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.78
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.5
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	0.96
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.7
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.9
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.7
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.7
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.4
LW-MW-11S	7,129,062.9	2,100,424.7	10	25	17.5	SZA	1.5
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0.7
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	1.4
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	1.5
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0.74
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	2.1
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	4.4
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0.96

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0
LW-MW-12S	7,128,829.5	2,100,354.1	10	25	17.5	SZA	0
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	2
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	2.7
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	1.1
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	1.7
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0.64
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	1.3
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0.62
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0.9
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0.74
LW-MW-13S	7,129,144.6	2,100,493.5	10	25	17.5	SZA	0.51
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0.54
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	1.4
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	1.3
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	1.6
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	0
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	2
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	2.1
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	52
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	6.6
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	1.7
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	170
LW-MW-9S	7,128,947.7	2,100,411.2	10	25	17.5	SZA	16
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	64
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	10
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	9.6
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	9.4
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	5.2
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	5.4

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.5
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.5
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	9.6
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.1
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.1
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.4
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.5
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	6.7
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	1.7
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	2.7
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	3.4
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	14
OS-1	7,129,239.1	2,101,018.3	10	25	17.5	SZA	9.9
LTLW-GW-19	7,129,115.2	2,100,536.5	16	20	18	SZA	1.47
KM1	7,129,339.4	2,099,718.1	17	21	19	SZA	0
KM2	7,129,142.2	2,099,813.9	17	21	19	SZA	0
SONIC-17	7,128,988.6	2,105,110.0	18	20	19	SZA	0
J2	7,129,232.4	2,101,428.0	18	22	20	SZA	25
J3	7,129,125.3	2,101,456.2	18	22	20	SZA	3.46
J4	7,129,023.9	2,101,520.9	18	22	20	SZA	12
J5	7,128,877.4	2,101,644.9	18	22	20	SZA	18.5
LTB1	7,129,671.8	2,100,943.5	18	22	20	SZA	1.01
LTB2	7,129,711.2	2,100,974.5	18	22	20	SZA	0.68
LTB3	7,129,764.8	2,101,005.4	18	22	20	SZA	0.91
LTB4	7,129,812.6	2,101,047.7	18	22	20	SZA	1.02
LTB4	7,129,812.6	2,101,047.7	18	22	20	SZA	1.03
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	1.5
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	16
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	150
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	35
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	37
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	66
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	110
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	35
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	56
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	72
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	72
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	95
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	43
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	240
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	260
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	210
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	240
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	14
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	110
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	53
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	1.5

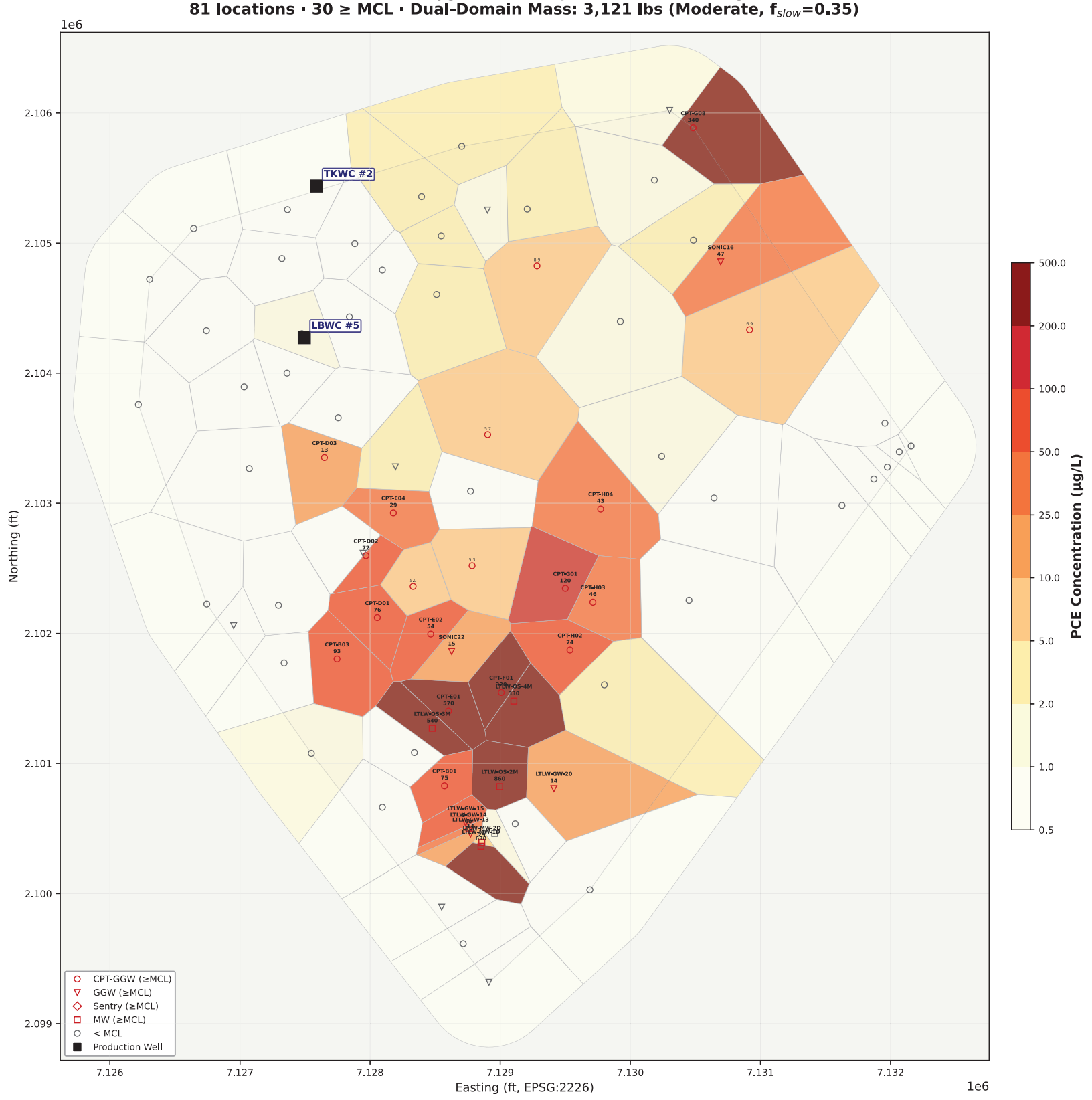
Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	36
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	21
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	7.5
LW-MW-1S	7,128,866.3	2,100,371.6	15	25	20	SZA	11
MW-4A	7,129,106.0	2,101,823.0	15	25	20	SZA	15
MW-4A	7,129,106.0	2,101,823.0	15	25	20	SZA	6.9
MW-8A	7,128,785.3	2,102,554.7	15	25	20	SZA	0
SB-14	7,127,659.8	2,103,363.3	20	20	20	SZA	0
SB-15	7,127,880.9	2,103,104.3	20	20	20	SZA	0
SB-16	7,128,064.2	2,103,005.4	20	20	20	SZA	0
SB-17	7,128,148.6	2,102,953.0	20	20	20	SZA	0
SB-22	7,128,355.2	2,102,822.1	20	20	20	SZA	0
SM-MW-4A	7,129,106.4	2,101,823.3	15	25	20	SZA	0.5
SM-MW-7A	7,128,367.3	2,102,798.0	15	25	20	SZA	0
SM-MW-8A	7,128,785.3	2,102,554.7	15	25	20	SZA	0
SM-MW-9A	7,129,159.3	2,102,102.3	15	25	20	SZA	0
SM-MW-9A	7,129,159.3	2,102,102.3	15	25	20	SZA	0
Sonic-17	7,128,988.6	2,105,110.0	18	22	20	SZA	0
5E	7,129,015.4	2,101,881.5	19	23	21	SZA	0
FIF	7,128,956.3	2,101,785.7	19	23	21	SZA	2.7
DUN1	7,129,500.0	2,101,211.1	20	24	22	SZA	3.11
DUN2	7,129,500.0	2,101,523.8	20	24	22	SZA	33.1
J1	7,129,485.9	2,101,368.8	20	24	22	SZA	5.35
SB-11	7,127,581.2	2,102,537.0	22	22	22	SZA	0
SB-12	7,127,703.4	2,102,470.0	22	22	22	SZA	0
SM-EW-4A	7,128,681.2	2,102,129.2	15	30	22.5	SZA	0
LTLW-GW-21	7,129,689.4	2,100,029.6	21	25	23	SZA	0
Sonic-19	7,126,922.3	2,103,934.8	21	25	23	SZA	0
LTLW-GW-1	7,128,861.1	2,100,379.7	22	26	24	SZA	7.78
LTLW-GW-10	7,128,883.0	2,100,771.6	22	26	24	SZA	9.44
LTLW-GW-10	7,128,883.0	2,100,771.6	22	26	24	SZA	10.7
LTLW-GW-11	7,128,980.3	2,100,844.1	22	26	24	SZA	63.3
LTLW-GW-12	7,129,080.2	2,100,909.7	22	26	24	SZA	6.3
LTLW-GW-3	7,128,884.8	2,100,262.9	22	26	24	SZA	0
LTLW-GW-4	7,128,833.1	2,100,441.7	22	26	24	SZA	0
LTLW-GW-5	7,128,887.8	2,100,479.9	22	26	24	SZA	7.27
LTLW-GW-6	7,128,952.8	2,100,510.4	22	26	24	SZA	0.62
LTLW-GW-7	7,129,093.7	2,100,582.3	22	26	24	SZA	3.48
LTLW-GW-7	7,129,093.7	2,100,582.3	22	26	24	SZA	3.61
LTLW-GW-8	7,128,722.5	2,100,675.9	22	26	24	SZA	2.86
LTLW-GW-9	7,128,819.7	2,100,738.8	22	26	24	SZA	7.8
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.4
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.5
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	3.4
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	6.3
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	34
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	180

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	40
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	31
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	51
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	52
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	13
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.6
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	2.9
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	3.8
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.8
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.8
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.7
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.6
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.7
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	2.6
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.1
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	1.8
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	7.4
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	5.9
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	51
LW-MW-5S	7,128,972.0	2,100,470.8	19	29	24	SZA	13
SB-02	7,127,357.2	2,102,030.7	24	24	24	SZA	0
SB-03	7,127,258.3	2,102,100.5	24	24	24	SZA	0
SB-05	7,127,496.9	2,102,356.6	24	24	24	SZA	0
SB-06	7,127,505.6	2,102,147.1	24	24	24	SZA	0
SB-09	7,127,211.7	2,102,915.2	24	24	24	SZA	0
LTB4	7,129,812.6	2,101,047.7	24	28	26	SZA	0.58
LTLW-GW-16	7,128,913.4	2,099,319.0	24	28	26	SZA	0
LTLW-GW-17	7,128,715.9	2,099,614.1	24	28	26	SZA	0
LTLW-GW-18	7,128,549.9	2,099,896.3	24	28	26	SZA	0
LTLW-GW-19	7,129,115.2	2,100,536.5	24	28	26	SZA	0
LTLW-GW-20	7,129,412.6	2,100,807.7	24	28	26	SZA	0
SB-01	7,127,569.6	2,101,821.2	26	26	26	SZA	0
SB-07	7,127,409.6	2,102,400.2	26	26	26	SZA	0
SB-10	7,127,516.0	2,102,588.7	26	26	26	SZA	0
SB-13	7,127,648.2	2,102,921.0	26	26	26	SZA	0
SB-19	7,128,756.7	2,102,542.8	26	26	26	SZA	0
TATA	7,128,361.9	2,100,174.4	24	28	26	SZA	0
AS-8	7,128,919.2	2,100,462.6	25.5	27	26.25	SZA	0
J6	7,127,725.3	2,102,450.5	25	29	27	SZA	0
LTLW-GW-13	7,128,772.0	2,100,457.0	25	29	27	SZA	0.76
LTLW-GW-14	7,128,755.0	2,100,495.0	25	29	27	SZA	3.4
LTLW-GW-15	7,128,734.0	2,100,543.0	25	29	27	SZA	7.17
ROG	7,127,423.9	2,101,985.7	25	29	27	SZA	0
TEN	7,127,316.8	2,102,244.9	25	29	27	SZA	0
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1.3
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0.95
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0.72

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1.1
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1.1
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1.3
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1.9
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	2.6
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	2
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	31
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	34
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	31
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	33
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	5.2
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	12
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0.82
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0.95
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0.99
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1.1
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	1
LW-MW-2S	7,128,872.3	2,100,401.3	22.5	32.5	27.5	SZA	0.61
AS-7	7,128,881.7	2,100,439.3	27	28.5	27.75	SZA	0
AS-13	7,128,956.8	2,100,482.0	27.5	29	28.25	SZA	0.81
CPT-G08	7,130,460.5	2,105,855.3	28	30	29	SZA	0.85
AS-14	7,128,993.5	2,100,501.5	28.5	30	29.25	SZA	2.4
AS-19	7,129,028.1	2,100,519.6	28.5	30	29.25	SZA	0
AS-20	7,129,065.9	2,100,546.6	28.5	30	29.25	SZA	0
AS-21	7,129,067.6	2,100,509.8	28.5	30	29.25	SZA	0
AS-25	7,129,096.1	2,100,564.4	28.5	30	29.25	SZA	0
AS-6	7,128,892.8	2,100,401.5	28.5	30	29.25	SZA	0
LTLW-GW-13	7,128,772.0	2,100,457.0	58	62	60	Upper DZA	0
LTLW-GW-14	7,128,755.0	2,100,495.0	58	62	60	Upper DZA	0
LTLW-GW-15	7,128,734.0	2,100,543.0	58	62	60	Upper DZA	11
LTLW-GW-8	7,128,722.5	2,100,675.9	58	62	60	Upper DZA	0
LTLW-GW-9	7,128,819.7	2,100,738.8	58	62	60	Upper DZA	0
Lukins Well #4_L	7,128,237.8	2,103,224.5	43	78	60.5	Upper DZA	42.5
LTLW-GW-1	7,128,861.1	2,100,379.7	59	63	61	Upper DZA	4.27
LTLW-GW-19	7,129,115.2	2,100,536.5	59	63	61	Upper DZA	0
LTLW-GW-3	7,128,884.8	2,100,262.9	59	63	61	Upper DZA	0
LTLW-GW-4	7,128,833.1	2,100,441.7	59	63	61	Upper DZA	0.62
TATA	7,128,361.9	2,100,174.4	60	64	62	Upper DZA	0
J2	7,129,232.4	2,101,428.0	61	65	63	Upper DZA	0
J3	7,129,125.3	2,101,456.2	61	65	63	Upper DZA	0
J4	7,129,023.9	2,101,520.9	61	65	63	Upper DZA	0
J5	7,128,877.4	2,101,644.9	61	65	63	Upper DZA	0
SONIC-14	7,129,652.1	2,107,206.3	61	65	63	Upper DZA	0
Sonic-14	7,129,652.1	2,107,206.3	61	65	63	Upper DZA	0
SONIC-19A	7,126,922.3	2,103,934.8	63	67	65	Upper DZA	0

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
Sonic-20	7,127,803.4	2,102,677.1	63	67	65	Upper DZA	130
Sonic-20	7,127,803.4	2,102,677.1	63	67	65	Upper DZA	120
Sonic-20	7,127,803.4	2,102,677.1	63	67	65	Upper DZA	110
Sonic-20	7,127,803.4	2,102,677.1	63	67	65	Upper DZA	88
903Eloise	7,128,564.0	2,102,252.0	56	76	66	Upper DZA	8.4
CPT-G09	7,130,550.8	2,105,108.7	64	68	66	Upper DZA	65
LTLW-GW-16	7,128,913.4	2,099,319.0	65	69	67	Upper DZA	0
LTLW-GW-17	7,128,715.9	2,099,614.1	65	69	67	Upper DZA	0
LTLW-GW-18	7,128,549.9	2,099,896.3	65	69	67	Upper DZA	0
SM-EW-4B	7,128,681.2	2,102,129.2	57.5	77	67.25	Upper DZA	0.49
Rockwater	7,127,142.4	2,102,430.8	65	70	67.5	Upper DZA	189
Rockwater	7,127,142.4	2,102,430.8	65	70	67.5	Upper DZA	147
DUN1	7,129,500.0	2,101,211.1	66	70	68	Upper DZA	2.58
DUN2	7,129,500.0	2,101,523.8	66	70	68	Upper DZA	1.03
J1	7,129,485.9	2,101,368.8	66	70	68	Upper DZA	0.9
J2	7,129,232.4	2,101,428.0	66	70	68	Upper DZA	0
J3	7,129,125.3	2,101,456.2	66	70	68	Upper DZA	0
J4	7,129,023.9	2,101,520.9	66	70	68	Upper DZA	0.53
J5	7,128,877.4	2,101,644.9	66	70	68	Upper DZA	0
KM1	7,129,339.4	2,099,718.1	66	70	68	Upper DZA	0
KM2	7,129,142.2	2,099,813.9	66	70	68	Upper DZA	0
LTLW-GW-11	7,128,980.3	2,100,844.1	67	71	69	Upper DZA	0
LTLW-GW-12	7,129,080.2	2,100,909.7	67	71	69	Upper DZA	0
MW-4C	7,129,102.2	2,101,825.4	59	79	69	Upper DZA	1.8
MW-4C	7,129,102.2	2,101,825.4	59	79	69	Upper DZA	1
SM-MW-4C	7,129,106.4	2,101,823.3	59	79	69	Upper DZA	1.9
LTLW-GW-21	7,129,689.4	2,100,029.6	68	72	70	Upper DZA	0
CPT-F12	7,129,275.5	2,105,349.1	69	73	71	Upper DZA	6.8
CPT-F12	7,129,275.5	2,105,349.1	69	73	71	Upper DZA	6.8
J6	7,127,725.3	2,102,450.5	69	73	71	Upper DZA	99.1
LTLW-GW-20	7,129,412.6	2,100,807.7	69	73	71	Upper DZA	0
LTLW-GW-5	7,128,887.8	2,100,479.9	69	73	71	Upper DZA	0
LTLW-GW-6	7,128,952.8	2,100,510.4	69	73	71	Upper DZA	0
LTLW-GW-7	7,129,093.7	2,100,582.3	69	73	71	Upper DZA	0
ROG	7,127,423.9	2,101,985.7	69	73	71	Upper DZA	30.5
TEN	7,127,316.8	2,102,244.9	69	73	71	Upper DZA	22
CPT-G10	7,130,962.3	2,104,317.1	70	74	72	Upper DZA	50
LTB1	7,129,671.8	2,100,943.5	70	74	72	Upper DZA	9.57
LTB3	7,129,764.8	2,101,005.4	70	74	72	Upper DZA	5.48
LTLW-GW-10	7,128,883.0	2,100,771.6	70	74	72	Upper DZA	0
LTLW-GW-20	7,129,412.6	2,100,807.7	70	74	72	Upper DZA	0
TATA	7,128,361.9	2,100,174.4	70	74	72	Upper DZA	0
Lukins Well #4_L	7,128,237.8	2,103,224.5	70	75	72.5	Upper DZA	12.9
Lukins Well #4_L	7,128,237.8	2,103,224.5	70	75	72.5	Upper DZA	9
MW-8C	7,128,785.3	2,102,554.7	65	80	72.5	Upper DZA	1.9
SM-MW-8C	7,128,785.3	2,102,554.7	65	80	72.5	Upper DZA	1.9
SM-MW-9C	7,129,159.3	2,102,102.3	65	80	72.5	Upper DZA	1.8

Location ID	X (ft)	Y (ft)	Top (ft bgs)	Bottom (ft bgs)	Midpoint	Zone	PCE (µg/L)
SM-MW-9C	7,129,159.3	2,102,102.3	65	80	72.5	Upper DZA	2
LTLW-GW-1	7,128,861.1	2,100,379.7	71	75	73	Upper DZA	0
LTLW-GW-3	7,128,884.8	2,100,262.9	71	75	73	Upper DZA	0
LTLW-GW-4	7,128,833.1	2,100,441.7	71	75	73	Upper DZA	0
SONIC-15	7,130,303.1	2,105,951.1	71	75	73	Upper DZA	320
Sonic-15	7,130,303.1	2,105,951.1	71	75	73	Upper DZA	310
Sonic-15	7,130,303.1	2,105,951.1	71	75	73	Upper DZA	320
Sonic-18	7,125,546.8	2,103,121.7	71	75	73	Upper DZA	0
SONIC-22	7,128,863.1	2,101,700.1	72	75	73.5	Upper DZA	15
LTLW-GW-13	7,128,772.0	2,100,457.0	72	76	74	Upper DZA	0
LTLW-GW-14	7,128,755.0	2,100,495.0	72	76	74	Upper DZA	0
LTLW-GW-15	7,128,734.0	2,100,543.0	72	76	74	Upper DZA	0
LTLW-GW-2	7,128,642.0	2,100,267.8	72	76	74	Upper DZA	0
LTLW-GW-8	7,128,722.5	2,100,675.9	72	76	74	Upper DZA	0
LTLW-GW-9	7,128,819.7	2,100,738.8	72	76	74	Upper DZA	0
Clement Well Sit	7,127,554.7	2,100,472.1	69.7	79.4	74.55	Upper DZA	1.85
SM-MW-7C	7,128,367.3	2,102,798.0	70	80	75	Upper DZA	5.2
Sonic-16	7,130,351.7	2,105,173.3	73	77	75	Upper DZA	75
CPT-G11	7,131,869.7	2,103,553.2	75	79	77	Upper DZA	0
5E	7,129,015.4	2,101,881.5	76	80	78	Upper DZA	0
FIF	7,128,956.3	2,101,785.7	76	80	78	Upper DZA	0.51



Data: 2019 Max PCE GW MW only · Thiessen polygons clipped to convex hull · Area cap 250,000 ft² for UDZA/LDZA · DD factor 1.571 (θf=0.28, θs=0.10, Rd,f=3.15, Rd,s=4.89)

EXHIBIT 5: LUKINS BROTHERS WATER COMPANY SETTLEMENT AGREEMENT

SUBJECT TO CONFIDENTIALITY AGREEMENT
10-16-26

SETTLEMENT AGREEMENT AND RELEASE

This SETTLEMENT AGREEMENT AND RELEASE (the "Settlement Agreement") is made and entered into among Lukins Brothers Water Company Inc. ("Lukins"), Seven Springs Limited Partnership ("SSLP"), and Fox Capital Management Corporation ("Fox") (each a "Party" and collectively, the "Parties").

RECITALS

This Settlement Agreement is made for the following purposes and with reference to the following facts:

WHEREAS, Lukins—an investor-owned water utility formed and existing under the laws of the State of California and regulated by the California Public Utilities Commission ("CPUC")—provides domestic water service to its customers in South Lake Tahoe, California, and operates or has operated Lukins Well Nos. 1, 2, 3, 4, and 5.[1]

WHEREAS, SSLP currently owns the South Y Shopping Center, located near the intersection of Emerald Bay Road and Lake Tahoe Boulevard in South Lake Tahoe, El Dorado County, California.

WHEREAS, Fox is the former general partner of a now defunct entity, Century Properties Equity Fund 73, which owned the South Y Shopping Center between 1974 and 1985.

WHEREAS, between May 1972 and approximately 1979 or 1980, a coin-operated drycleaner unit was operated by a business known as Lake Tahoe Laundry Works ("LTLW") at the South Y Shopping Center.

[1] The geographic locations of Lukins Wells No. 1, 2, 3, 4, and 5 are identified in the figure attached hereto as Exhibit A.

WHEREAS, since 1989, the Lahontan Regional Water Quality Control Board ("Regional Board") has investigated contamination associated with discharges of tetrachloroethylene and its daughter products (collectively, "PCE") in the South Lake Tahoe area, including, for the purposes of this Settlement Agreement, discharges of PCE from the LTLW, (the "Regional PCE Contamination") and has named SSLP and Fox, among other parties, as dischargers in a Proposed Cleanup and Abatement Order dated July 3, 2026, ("Proposed CAO") based on alleged discharges of PCE from the LTLW site.[2]

WHEREAS, on July 3, 2017, Lukins filed a lawsuit against Fox, SSLP, and other defendants (collectively, "the defendants"), in County of El Dorado Superior Court, South Lake Tahoe Branch, alleging that the defendants caused Lukins's groundwater supplies to become contaminated with PCE at levels in excess of the State of California's Maximum Contaminant Level for drinking water.

WHEREAS, the July 3, 2017, lawsuit captioned *Lukins Brothers Water Company, Inc. v. Fox Capital Management Corporation, et al.*, Case No. SC20170217 (El Dorado Superior Court) (the "Lukins Action"), contained eleven causes of action (the "Causes of Action") and sought recovery from the defendants for the cost of replacement water, water treatment facilities, and lost well capacity.[3]

WHEREAS, on October 10, 2017, Lukins entered into an Agreement Regarding Tolling of Limitations Periods and Dismissal of Pending Complaint Without Prejudice (the "Tolling Agreement") with SSLP, Fox, and three other defendants in the Lukins Action.

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[2] The Proposed CAO is available on GeoTracker at the following link: https://www.waterboards.ca.gov/lahontan/water_issues/programs/docs/ltlw-cao-r6-2026-proposed-redline.pdf.

[3] The Complaint in Case No. SC20170217 is attached hereto as Exhibit B.

WHEREAS, in the Tolling Agreement, as amended by the parties thereto in July 2021, and on multiple occasions thereafter, Lukins, SSLP and Fox agreed to toll the running of any statute of limitations, statute of repose, period of prescription, laches, and any other rule or doctrine, at law or in equity, that is applicable to any of Lukins's Causes of Action from the effective date of the Tolling Agreement until such time as either (i) any party to that agreement elects to terminate it, or (ii) December 31, 2026.

WHEREAS, on October 18, 2017, pursuant to the Tolling Agreement, Lukins filed a request for dismissal without prejudice of the Lukins Action. The El Dorado Superior Court entered a dismissal in the Lukins Action on October 19, 2017.

WHEREAS, after SSLP and Fox engaged in extended dispute resolution and negotiation with the Regional Board with respect to the matters addressed in the Proposed CAO, the Parties resumed settlement negotiations regarding the Causes of Action and related issues in 2023.

WHEREAS, on March 18, 2025, the Parties engaged in a mediation at the JAMS San Francisco Resolution Center, located at 2 Embarcadero Center, Ste 1500, San Francisco, CA 94111. As a result of that mediation, the Parties have agreed to settlement of their dispute as set forth herein with no admission of liability whatsoever by any Party.

NOW, THEREFORE, IT IS HEREBY AGREED, by and among the Parties to this Settlement Agreement, by and through their respective undersigned attorneys, that the Released Claims, as defined below, are to be settled and compromised on the following terms and conditions:

TERMS OF AGREEMENT

1. CONSIDERATION

a) Upon execution of this Settlement Agreement by all Parties, and subject to the conditions precedent defined herein, SSLP and Fox shall cause to be paid Two Million Six Hundred Thousand Dollars ($2,600,000) to Lukins (the "Settlement Payment") within thirty (30) days of the Effective Date of this agreement by electronic deposit/ wire transfer to the client trust account of Lukins's counsel, Robins Borghei LLP, pursuant to written wire instructions provided to SSLP and Fox within five (days of the Effective Date.

b) Unless otherwise agreed upon by the Parties in writing, Lukins agrees that the Settlement Payment funds will be used solely for operation and maintenance of its granular activated carbon ("GAC") treatment plant currently treating water from Lukins Well No. 5 ("Wellhead Treatment") pursuant to the following details and covenants:

i. Lukins agrees to operate Wellhead Treatment on Lukins Well No. 5 for as long as Lukins operates Lukins Well No. 5 and Wellhead Treatment is required by Lukins' California State Water Resource Control Board, Division of Drinking Water ("DDW") operating permit or any future permit that authorizes or regulates Lukins' use of Lukins Well No. 5 as a public water system source of supply. Lukins further agrees that it will promptly seek a determination from DDW that treatment is no longer necessary once the running annual average concentration of PCE (including its daughter products) remains consistently below the Maximum Contaminant Level for at least one year in raw water samples from Well No. 5; provided, however, that the Parties hereby recognize that it is within DDW's discretion to determine when a public water system may discontinue use of a permitted drinking water treatment system.

ii. Lukins agrees to continue to operate Lukins Well No. 5 unless and until Lukins determines in its sole and absolute discretion that it is no longer financially and/or operationally feasible to do so.

iii. Lukins agrees that, to the extent commercially reasonable (without taking into account any funds that may be obtained from SSLP or Fox), it will install any future well(s) in a location (A) that is outside the boundaries of the Regional PCE Contamination, as delineated by the map the Regional Board or its staff designate as the most recent map depicting the boundaries of the Regional PCE Contamination at the time the site for such future well is selected by Lukins, (B) that is outside the reasonably anticipated migration path of the Regional PCE Contamination, as delineated based on then available groundwater science and taking into account the effect that pumping the future well would have on groundwater flow direction, as assessed at the time the site for such future well is selected by Lukins, and (C) such that pumping of the future well would not reasonably be expected to result in the Regional PCE Contamination materially impacting any then-existing production well in the Tahoe Valley South Subbasin . To the extent water supply or other circumstances require Lukins to install a well within the area described by subparagraphs (A), (B) or (C) ("Restricted Area"), Lukins, by this Settlement Agreement, hereby assumes all of the risk with respect to any PCE contamination that may impact any future well or then-existing production well described in (A) or (B) and shall indemnify, defend and hold harmless the Released Parties from any Claims (as defined below) with respect thereto. In the event Lukins' future well or a then-

existing production well described in (A), (B) or (C) is impacted by PCE from the Regional PCE Contamination during such well's operational life, Lukins additionally waives and releases any and all losses, damages, liabilities, deficiencies, claims, causes of action, obligations, actions, demands, rights, judgments, attorneys' fees, settlements, interest, awards, penalties, fines, costs, or expenses of whatever kind, known or unknown, arising at any time (collectively "Claims") and causes of action against the Released Parties (as defined below) arising out of any such impacts, consistent with the Release set forth in **Section 2** below.

c) In the event of a change in name or transfer of ownership or operational responsibilities of Lukins or Lukins Well No. 5, Lukins will:

i. Provide 30-day advance notice to the Regional Board, Fox, and SSLP prior to any planned changes in name, ownership, or operational responsibility of its water system or Well No. 5; and

ii. Comply with existing regulatory requirements associated with any such name change or transfer.

d) In the event that Lukins makes a determination that Well No. 5 requires substantial repairs (i.e. repairs requiring the well to be offline for more than sixty [60] consecutive days), rehabilitation or replacement or Well No. 5 otherwise becomes non-operational for more than sixty (60) consecutive days during the 59 years following the Effective Date and prior to a DDW determination that treatment at Well No. 5 is no longer needed ("the Offline Determination"), Lukins agrees to do the following:

i. Lukins will notify Fox, SSLP, and the Regional Board within ten (10) business days of Lukins' Offline Determination;

ii. Lukins will promptly diagnose the problem with the well, if any; evaluate alternative solutions, if appropriate; obtain an estimate of the cost to repair, rehabilitate or replace the well or otherwise restore the well to operation, as necessary, to enable continued GAC treatment of groundwater at the Well No. 5 site ("Cost Estimate"); and promptly share its diagnosis and Cost Estimate with Fox, SSLP and the Regional Board no later than ninety (90) days of issuing the Offline Determination;

iii. Lukins will attempt in good faith to reach an agreement with Fox, SSLP, and the Regional Board to facilitate any necessary repairs, rehabilitation or replacement of the well or other actions that will enable Lukins to continue GAC treatment of groundwater at the Well No. 5 site;

iv. If no agreement is reached within one hundred twenty (120) days of Lukins providing the Cost Estimate to Fox, SSLP and the Regional Board, then within two hundred ten (210) days of providing the Cost Estimate, Lukins shall elect to either (A) resume operation of Well No. 5 and the GAC treatment system at the Well No. 5 site or (B) permanently terminate operation of Well No. 5 and the GAC treatment system, and provide written notice thereof to Fox, SSLP, and the Regional Board of such election (the "Election Notice"), provided that if Lukins does not provide an Election Notice within two hundred ten (210) days of providing the Cost Estimate or fails to provide the Cost Estimate within two hundred ten (210) days of issuing the Offline Determination, it shall be deemed to have elected to permanently terminate operation of Well No. 5;

v. Within sixty (60) days of the date of the Election Notice, if Lukins either elected to or is deemed to have elected to permanently terminate operation of Well No. 5 in accordance with (d)(iv) above, then Lukins shall return to Fox and SSLP any and all funds remaining from the Settlement Payment so that those funds are available to fund activities as required by the Off-Site Remedial Action Plan adopted pursuant to the Stipulated Cleanup and Abatement Order negotiated between the Regional Board, Fox, and SSLP ("Stipulated CAO").

vi. If, in the event Lukins elects or is deemed to have elected to permanently terminate operation of Well No. 5 in accordance with (d)(iv) above, Fox and SSLP request access to Lukins' property to install a groundwater treatment system pursuant to their obligations under the Stipulated CAO, Lukins will attempt in good faith to reach agreement with Fox and SSLP to provide them access to such property on commercially reasonable terms.

e) The Parties agree that Lukins' management, accounting, and use of Settlement Payment funds shall be in accordance with CPUC Decision 10-10-018: "Decision Adopting Rules for Accounting Treatment of Contamination Proceeds Arising From Government Grants and Proposing Counterpart Rules for Government Loan and Damage Awards" and Decision 10-12-058: "Decision Modifying and Adopting Various Rules for the Accounting Treatment of Contamination Proceeds." [4]

i. If, when Lukins receives a determination from DDW that treatment is no longer necessary, the Settlement Payment has not been exhausted, Lukins shall retain

[4] CPUC Decisions 10-10-018 and 10-12-058 are available here: https://docs.cpuc.ca.gov/PUBLISHED/FINAL_DECISION/125026.htm;https://docs.cpuc.ca.gov/PublishedDocs/PUBLISHED/FINAL_DECISION/128646.htm.

the remaining funds and use them in accordance with CPUC Decisions 10-10-018 and 10-12-058.

f) So long as the final version of the Stipulated CAO is not materially different from the draft provided to Lukins' counsel on October 16, 2026, (i) the Parties agree that they will cooperate for purposes of gaining the Regional Board's approval of this Settlement Agreement as well as the Stipulated CAO, including, without limitation, providing data and information as required by the Regional Board and engaging in discussions with the Regional Board as necessary to demonstrate that the actions required by the Settlement Agreement will be adequate to safeguard human health and the environment with regard to the current and reasonably anticipated future impacts of the Regional PCE Contamination on Lukins' operations; and (ii) Lukins agrees not to affirmatively object to the Stipulated CAO or the documents supporting its approval, or take any action to or otherwise attempt to challenge or overturn its approval or implementation, provided, however, that Lukins shall not be held in breach of this Settlement Agreement for the contents of any responses to questions posed to Lukins in connection with the Stipulated CAO approval process. Notwithstanding any other provision of this Settlement Agreement, this Paragraph 1(f) shall become effective immediately upon execution of this Settlement Agreement by all Parties and prior to the Effective Date.

g) Lukins shall be solely responsible for any federal, state, and local taxes that may be due on the Settlement Payment, and agrees to indemnify defend, and hold the Released Parties (as defined below) harmless for any and all claims involving federal, state, or local taxes resulting from such responsibility.

h) The Parties expressly acknowledge and agree that the Settlement Payment (i) is the result of good-faith negotiations conducted by and among the Parties and (ii) represents the sole

consideration for the mutual releases contained herein. The Parties further acknowledge that any monies paid to Lukins do not represent and shall not in any way be considered a measure of Lukins's damages.

i) All Parties shall bear their own attorneys' fees and costs.

j) Each of the Parties shall sign such further documents and take such further action as reasonably may be reasonably necessary to effectuate the terms of this Settlement Agreement.

2. MUTUAL RELEASES AND WAIVER OF CIVIL CODE SECTION 1542.

a) Lukins itself, and on behalf of its heirs, executors, administrators, agents, attorneys, officers, directors, shareholders, successors, and assigns, does hereby release, acquit, and forever discharge the "Released Parties" as defined below, collectively and individually, from any and all Claims (i) that arise from or are related to or connected with any of the Causes of Action asserted in the Lukins Action, (ii) that could have been or could in the future be asserted against the Released Parties regarding the Regional PCE Contamination as to Lukins Well Nos. 1, 2, 3, 4, and 5, and (iii) that are related to the Regional PCE Contamination in connection with any other well or wells constructed, operated, or owned by Lukins within the Restricted Area after the Effective Date of this Settlement Agreement (collectively the "Released Claims"). The term "Released Parties" means SSLP and Fox, their past, present or future predecessors, successors, parent entities, subsidiaries, affiliates, divisions, partners, members, and related entities of any nature, as well as their past, present, or future officers, directors, employees, consultants, contractors, service providers, vendors, heirs, executors, administrators, bankruptcy trustees, bankruptcy estate, investors, shareholders, lenders, guarantors, insurers, indemnitors, attorneys, agents, and assigns, including, without limitation, any person related to any such entity or person who is, was, or could have been named as a defendant in any lawsuit or arbitration asserting the Released Claims.

Notwithstanding anything stated in the foregoing release of Claims, nothing in this Settlement Agreement, including the foregoing release of Claims, shall prohibit, prevent or limit Lukins from receiving or benefiting from any replacement water order or other relief the Regional Board may require the Released Parties to provide in the future.

b) SSLP and Fox hereby forever release and discharge Lukins, its heirs, attorneys, agents, representatives, and assigns from any and all Claims that arise from or are related to or connected with any of the Released Claims, or that could have been asserted against Lukins in any action related to the Released Claims, except with respect to the obligations set forth herein.

c) Lukins agrees that in the event it makes a Claim against any person or entity not a party to this Agreement with respect to the subject matter of any Released Claim, Lukins shall indemnify, defend, and hold harmless the Released Parties from any Claim arising therefrom and any settlement or other resolution thereof shall include a waiver of such person or entity's rights, if any, to recover from the Released Parties.

d) It is further understood and agreed that as part of the consideration and inducement for the execution of this Settlement Agreement, the Parties specifically waive the provisions of Section 1542 of the California Civil Code, which reads as follows:

> A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.

3. COVENANTS, REPRESENTATIONS, WARRANTIES, and CONFIDENTIALITY

a) The Parties covenant and warrant that they have the full power and authority to enter into this Settlement Agreement and to carry out its terms and that they have not previously assigned, sold, or otherwise pledged or encumbered any right, title, or interest in the claims released herein or their right, power, and authority to enter into this Settlement Agreement. Lukins warrants and represents that it is the owner of any and all claims that exist as of the execution of this Settlement Agreement against SSLP or Fox relating in any way to any current or future wells owned by Lukins and that Lukins has not assigned or transferred its claims to any third party.

b) The Parties agree that all documents and things (including, but not limited to, electronic files and communication records) concerning or relating to the Released Claims, the negotiations leading to this Settlement Agreement, and the information exchanged during negotiations leading to this Settlement Agreement (collectively "Confidential Information") shall be considered strictly confidential. Confidential Information shall not be disclosed by the Parties or their attorneys or agents to any person or entity not named as a Party in this Settlement Agreement, except (i) as necessary to officers, board or committee members, or personnel for reporting, approval, compliance, and implementation of the terms of the Settlement Agreement; (ii) to the Parties' accountants, attorneys, tax advisers, current or prospective lenders, or current or prospective investors or shareholders to whom disclosure is necessary; or (iii) as required by legal process.

c) If a Party is (i) subpoenaed in another action, (ii) served with a demand or request in another action to which they are a party, or (iii) served with any legal process by one not a party to this Settlement Agreement (the "Receiving Paty"), seeking information or documents regarding this Settlement Agreement, the Receiving Party shall notify the other Party of the subpoena, demand, request, or legal process as soon as practicable after receiving it (at a minimum, such that

the other Party receives notice at least ten (10) days before a response is due) so as to allow the other Party to seek protection from the relevant court(s) or tribunal(s). Such notice shall be provided pursuant to **Section 15**.

d) If any party commences, joins in, or in any manner seeks relief through any action, suit, or proceeding relating to, arising out of, or connected with this Settlement Agreement, the prevailing party or parties shall recover from the non-prevailing party or parties any and all damages caused to the prevailing party or parties including, but not limited to, all reasonable attorneys' fees.

e) This Settlement Agreement supersedes all prior negotiations and agreements among or between the Parties, and none of the Parties is relying on any understanding, promise, or agreement among or between any of the Parties other than those expressly set forth in this Settlement Agreement. Moreover, each of the Parties warrants that no promise or inducement has been made or offered except as referred to or stated in this Settlement Agreement, and that this Settlement Agreement is signed without reliance on any statement or representation by any of the Parties or any representative of any of the Parties concerning the nature or extent of damages or legal liability.

f) This Settlement Agreement may not be modified orally. It may be changed only by a writing signed by the Party(ies).

g) Lukins shall not assign or transfer any of its rights or obligations under this Agreement without the prior written consent of SSLP and Fox, which SSLP and Fox may withhold in their sole absolute discretion. Any attempted assignment or transfer without such consent shall be null and void and of no effect. This prohibition on assignment shall not apply to any assignment or transfer by operation of law, a sale or transfer of Lukins to another owner, or a sale of all or

substantially all of Lukins's assets. In the case of any sale of Lukins or all or substantially all of Lukins's assets, Lukins shall disclose this Settlement Agreement to any prospective buyers and shall require a buyer to expressly assume all of Lukins' obligations and commitments (including Lukins' releases and waivers) under this Settlement Agreement as a condition of the sale. Notwithstanding any assignment, no assignment or transfer shall relieve Lukins of its obligations and commitments (including its releases and waivers) under this Agreement.

h) If any provision or term of this Settlement Agreement is declared or determined to be illegal or invalid, such illegality or invalidity shall not affect the remainder of this Settlement Agreement, and the illegal or invalid provision or term shall be deemed not to be a part of this Settlement Agreement.

i) No waiver of a breach of this Settlement Agreement is enforceable unless it is in a writing signed by the Party(ies) to be charged. Any waiver of breach of any term of this Settlement Agreement shall not be deemed a waiver of any prior or subsequent breach.

4. DISPUTES AND ENFORCEMENT

a) The Parties agree that they will work cooperatively to resolve any issues, concerns, and/or disputes regarding the Parties' respective obligations under this Settlement Agreement. Accordingly, the Parties agree that any such issues, concerns, or disputes shall be put in writing and that the other Party shall be given thirty (30) days to respond in writing to such issues, concerns, or disputes, before any enforcement action can be commenced. Notice must be in writing and must be sent in accordance with **Section 15**.

b) Lukins shall, within ten (10) business days of submission to the CPUC, provide a copy of Lukins' annual report, as submitted to the CPUC, detailing the status of the account

containing the Settlement Payment, including supporting documentation that Lukins submitted with such report, if any.

5. REMEDIES IN EVENT OF BREACH.

a) If any Party hereto shall breach any covenant, warranty, representation, or condition of this Settlement Agreement, the other Parties shall have the right to seek to enforce this Settlement Agreement, to seek to set aside the Settlement Agreement, or, as set forth in **Section 12**, to bring an action in arbitration against the breaching party for declaratory relief and/or damages.

b) The Parties acknowledge and agree that a breach of this Settlement Agreement may cause irreparable harm for which monetary damages may be inadequate. Accordingly, in the event of any such breach or threatened breach, any Party shall be entitled to seek injunctive relief, specific performance, or other equitable remedies, in addition to any other remedies available at law.

6. NO ADMISSIONS.

The Parties agree that, to the fullest extent permitted by law, neither this Settlement Agreement nor the settlement, nor any act performed or document executed pursuant to or in furtherance of the settlement: (i) is or may be deemed to be or may be used as an admission of, or evidence of, the validity of the Claims, or (ii) is or may be deemed to be or may be used as an admission of, or evidence of, any wrongdoing, fault, omission, or liability of SSLP or Fox in any context, including in any proceeding in any court, administrative agency, or other tribunal. Nothing in this Paragraph shall preclude any Party to this Settlement Agreement from using it or any act performed or document executed pursuant to the Settlement Agreement in a proceeding to consummate, monitor, or enforce the Settlement Agreement.

7. ENTIRE AGREEMENT; AMENDMENT.

This Settlement Agreement represents the sole and entire agreement between the Parties and supersedes all prior agreements, negotiations, discussions, and understandings, whether oral or in writing, between the Parties and/or their representatives. This Settlement Agreement cannot be changed or modified except in a writing signed by each of the Parties.

8. COUNTERPART EXECUTION.

This Settlement Agreement may be executed in any number of counterparts and will be final and binding upon signature of all Parties.

9. VOLUNTARY AGREEMENT.

The signatories hereto warrant and represent that each is executing this Settlement Agreement after having received full legal advice as to their respective rights from their attorneys. The Parties hereto further represent and declare that they have read this Settlement Agreement and know the contents thereof, and that they sign the same freely and voluntarily. Each Party respectively represents and warrants that it is fully authorized to enter into the terms and conditions of, and to execute and be bound by, this Settlement Agreement.

10. CONSTRUCTION OF SETTLEMENT AGREEMENT.

This Settlement Agreement is the product of negotiation and preparation by and among each Party and their respective attorneys. Therefore, the Parties acknowledge and agree that this Settlement Agreement shall not be deemed prepared or drafted by one Party or another and should be construed accordingly. This Settlement Agreement shall be construed as a whole according to its plain meaning.

11. THIRD PARTY BENEFICIARIES

The Parties hereby designate the Regional Board as third-party beneficiary of Sections 1(b), 1(c), and 1(d) of this Settlement Agreement having the right to enforce Sections 1(b), 1(c), and 1(d). Except as set forth in this Section, the Parties do not confer any rights or remedies upon any person other than the Parties to this Settlement Agreement and their respective successors and permitted assigns.

12. SEVERABILITY.

In the event any one or more of the provisions contained in this Settlement Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalid, illegal, or unenforceable provision or part thereof shall be stricken from this Settlement Agreement, provided that the striking of such provision does not materially alter or impact any other provision of this Settlement Agreement. The Parties may elect in writing to replace the provision of the Settlement Agreement that is determined to be invalid, illegal, or unenforceable with a legal, enforceable, and valid provision that is as similar in tenor to the original provision as is legally possible.

13. GOVERNING LAW AND ARBITRATION.

This Settlement Agreement shall be interpreted in accordance with and governed in all respects by the laws of the State of California without regard to the choice of law provisions thereof. The Parties agree that any dispute relating to any aspect of this Settlement Agreement, including but not limited to this Settlement Agreement's formation, meaning, performance, or breach, including any claim for breach of **Section 3**, shall be submitted exclusively to final and binding arbitration in San Francisco, California before a mutually agreed upon arbitrator from JAMS in accordance with the Federal Arbitration Act, 9 U.S.C. § 1, *et seq*. Any arbitration

hereunder shall be confidential. The arbitration will be administered by JAMS in accordance with its most current Comprehensive Dispute Resolution Rules and Procedures. The arbitrator shall resolve the dispute by means of written findings of fact and conclusions of law within thirty (30) days after the hearing is closed. In addition, and notwithstanding the Comprehensive Dispute Resolution Rules and Procedures or choice-of-law principles of any jurisdiction, the arbitrator shall be bound by and shall resolve any dispute in accordance with the substantive law of the State of California and all California rules relating to the admissibility of evidence, including, without limitation, all relevant privileges and the attorney work product doctrine. The arbitrators' award shall be final, non-appealable and binding upon the parties, subject only to the provisions of 9 U.S.C. § 10, and may be entered as a judgment in any court of competent jurisdiction.

14. WAIVER.

No breach of any provision hereof can be waived unless in writing. Waiver of any one breach of any provision thereof shall not be deemed to be a waiver of any other breach of the same or other provisions hereof.

15. CAPTIONS.

Section titles or captions contained herein are inserted as a matter of convenience and for reference, and in no way define, limit, extend or describe the scope of this Settlement Agreement or any provision thereof.

16. NOTICES.

All notices, requests, demands, and communications hereunder shall be made in writing and shall be deemed to have been duly given if hand delivered or by overnight delivery, independently documented, to the addresses set forth below. Additional courtesy copies shall be sent by email to the addresses below.

If to Lukins:	**If to SSLP:**	**If to Fox:**
Jennifer Lukins Lukins Brothers Water Company, Inc: 2031 West Way South Lake Tahoe, CA 96150 jennifer@lukinswater.com	Stuart I. Block, Esq. Allen Matkins Three Embarcadero Center, Suite 2500, San Francisco, CA 94111 P: 415.273.7481 | sblock@allenmtatkins.com	Scott H. Reisch, Esq. Hogan Lovells Cadwalader US LLP 1601 Wewatta St., Suite 900 Denver, CO 80202 scott.reisch@hlc.com

17. EFFECTIVE DATE.

The "Effective Date" of this Settlement Agreement shall be the last date on which all of the following conditions precedent are met:

a) All of the Parties execute this Settlement Agreement; and

b) SSLP and Fox enter into a binding settlement agreement with Tahoe Keys Property Owners' Association ("TKPOA") to settle all claims by Tahoe Keys against SSLP and Fox related to the Regional PCE Contamination; and

c) The Stipulated CAO negotiated between Fox, SSLP, and the Regional Board becomes final and is not subject to further appeal.

EXECUTION

IN WITNESS WHEREOF, the Parties hereto have executed this Settlement Agreement as of the dates listed below.

DATE: OCTOBER 17, 2026

LUKINS BROTHERS WATER COMPANY, INC.

_____

BY: Jennifer Lukins
ITS: President

Docusign Envelope ID: 13479B1D-5495-855C-83DF-E08AB2D033C4

SUBJECT TO CONFIDENTIALITY AGREEMENT
10-16-26

DATE: OCTOBER 18.00, 2026

SEVEN SPRING LIMITED PARTNERSHIP, a Missouri limited partnership

By: Real Estate Management Associates, LLC, a Missouri limited liability company, its General Partner

DATE: OCTOBER __, 2026

By: Brendan Griffin Lyddon, Authorized Signator

10/18/2026

Signed by:
BRENDAN GRIFFIN LYDDON
37BC2986276F46F...

Brendan Griffin Lyddon

By: Marlowe Griffin Lyddon, Authorized Signator

10/18/2026

Signed by:
F75D3AF078674F9...

Marlowe Griffin Lyddon

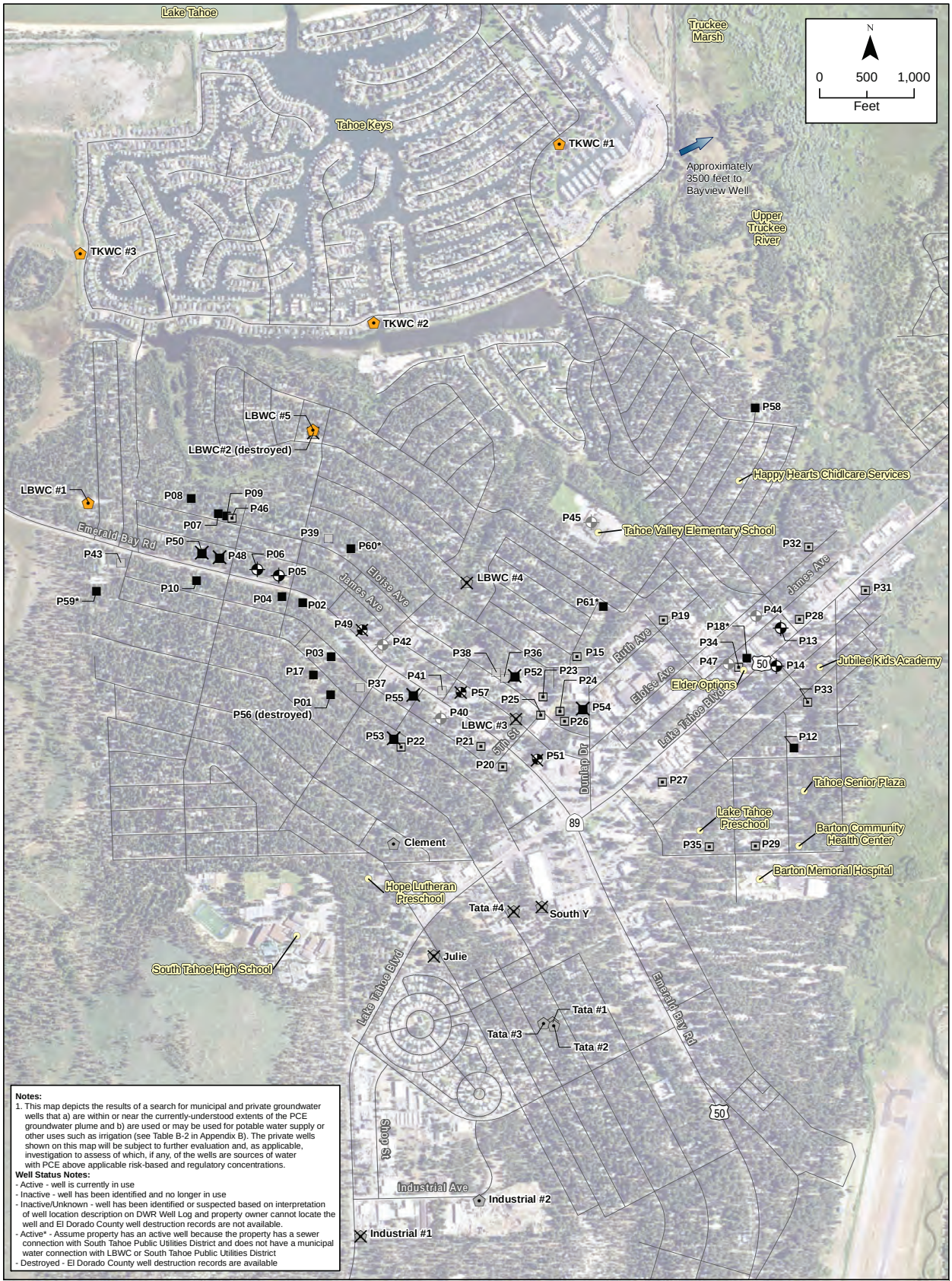
10/18/2026

FOX CAPITAL MANAGEMENT CORPOR

Signed by:
Lisa Cohn
5D397BC7C6AC430...

BY: Lisa Cohn
ITS: Authorized Signatory

EXHIBIT A



Notes:

1. This map depicts the results of a search for municipal and private groundwater wells that a) are within or near the currently-understood extents of the PCE groundwater plume and b) are used or may be used for potable water supply or other uses such as irrigation (see Table B-2 in Appendix B). The private wells shown on this map will be subject to further evaluation and, as applicable, investigation to assess of which, if any, of the wells are sources of water with PCE above applicable risk-based and regulatory concentrations.

Well Status Notes:

- Active - well is currently in use
- Inactive - well has been identified and no longer in use
- Inactive/Unknown - well has been identified or suspected based on interpretation of well location description on DWR Well Log and property owner cannot locate the well and El Dorado County well destruction records are not available.
- Active* - Assume property has an active well because the property has a sewer connection with South Tahoe Public Utilities District and does not have a municipal water connection with LBWC or South Tahoe Public Utilities District
- Destroyed - El Dorado County well destruction records are available

- Active Municipal Well
- Destroyed Municipal Well
- Inactive Municipal Well
- Active Private Well *(for locations with * see note)*
- Destroyed Private Well
- Inactive Private Well
- Inactive/Unknown Private Well
- Active Small Community Well
- Destroyed Small Community Well
- Inactive Small Community Well
- Potential Sensitive Receptor

Figure B-3
Potential Receptor Inventory

South "Y" PCE Plume
South Lake Tahoe, CA

EXHIBIT B

Assigned to Judge
STEVEN C. BAILEY

JUL 03 2016

FOR ALL PURPOSES

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FILED
JUL 03 2017
EL DORADO CO. SUPERIOR COURT
BY S. L. Rippetoe
(DEPUTY CLERK)

SUPERIOR COURT OF THE STATE OF CALIFORNIA

COUNTY OF EL DORADO, SOUTH LAKE TAHOE BRANCH

LUKINS BROTHERS WATER COMPANY, INC., Plaintiff, vs. FOX CAPITAL MANAGEMENT CORPORATION; SEVEN SPRINGS LIMITED PARTNERSHIP; REAL ESTATE MANAGEMENT ASSOCIATES LLC; ENVIRONMENTAL ENGINEERING CONSULTING AND REMEDIATION, INC.; ALLIANCE LAUNDRY SYSTEMS LLC; and DOES 1-50, 51-100, 101-150, and 151-200 INCLUSIVE, Defendants.	CASE NO. COMPLAINT FOR DAMAGES, EQUITABLE, AND OTHER RELIEF: (1) NEGLIGENCE; (2) NUISANCE (MULTIPLE CLAIMS); (3) TRESPASS; (4) DECLARATORY RELIEF; (5) PRELIMINARY AND PERMANENT INJUNCTION AND ABATEMENT OF NUISANCE; (6) UNLAWFUL BUSINESS PRACTICES; AND (7) STRICT PRODUCTS LIABILITY (MULTIPLE CLAIMS). **JURY TRIAL DEMANDED**

Plaintiff LUKINS BROTHERS WATER COMPANY, INC. hereby alleges as follows, based on information and belief and investigation of counsel:

SUMMARY OF THE CASE

1. Plaintiff LUKINS BROTHERS WATER COMPANY, INC. ("Plaintiff") owns and operates a public water system that provides drinking water to residents, school children and businesses in the City of South Lake Tahoe, located in El Dorado County, California.

2. The acts and omissions of the defendants named herein, and their predecessors in interest, have caused, and continue to cause, Plaintiff's groundwater supplies to become contaminated with the dry-cleaning solvent tetrachloroethylene ("PCE")[1] at dangerously high levels in excess of the State of California's established Maximum Contaminant Level of 5 micrograms per liter (μg/L), which is the maximum concentration of PCE permitted in drinking water supplied to the public.

3. To protect its customers from defendants' PCE contamination, Plaintiff has had to cease its use of contaminated groundwater wells and augment its remaining water supply with water purchased from a neighboring utility pending Plaintiff's installation of expensive treatment facilities to remove PCE from the groundwater.

4. After years of regulatory investigations in the vicinity of Plaintiff's service area, the only known source of PCE in area groundwater is the site of the former Lake Tahoe Laundry Works facility and adjacent common spaces, including the adjacent parking lot and sidewalks, where PCE was used and released (the "Site"). The Site is located in the northwest corner of the South Y Shopping Center, at 1024 Lake Tahoe Blvd, South Lake Tahoe, California, Assessors Parcel No. 023-430-32-100. The Site is approximately 9,000 feet south of Lake Tahoe. Plaintiff's service area and water system lies in between the Site and Lake Tahoe, in the path of contaminated groundwater that has and continues to migrate offsite from the Site toward Lake Tahoe and into the groundwater aquifer(s) tapped by Plaintiff's wells.

5. The defendants specifically named herein are current and former Site owners (and their successors in interest), their environmental consultant, and the manufacturer of defective dry cleaning equipment that was utilized at the Lake Tahoe Laundry Works facility and that released PCE or caused PCE to be released at the Site. Defendants' and their predecessors in interests' acts and omissions that created the PCE groundwater plume at the Site and/or allowed it to continue to migrate offsite are a substantial factor in causing the contamination of Plaintiff's groundwater supply.

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[1] PCE is sometimes also referred to as perchloroethylene or tetrachloroethene.

6. Plaintiff brings this action to recover against defendants all available damages and relief – including all costs Plaintiff has incurred and will incur as a result of the contamination, injunctive relief and declaratory relief – to ensure defendants bear the costs and burdens of the PCE contamination they caused and continue to cause, rather than Plaintiff and its customers.

THE PARTIES

7. Plaintiff – a California corporation with its principal place of business in South Lake Tahoe, California – is a privately owned water utility formed and existing under the laws of the State of California. Plaintiff is a community water system as defined in California Health and Safety Code section 116275(h). At all times relevant to this action, Plaintiff has owned and operated a public water system that includes, among other elements, drinking water production wells that draw from one or more groundwater aquifers, well sites, associated pumping appurtenances and distribution facilities and equipment (referred to collectively herein as Plaintiff's "Water System").

8. Plaintiff provides potable water through its Water System to roughly 967 service connections, serving a year-round population of approximately 3,191 people. Plaintiff's Water System includes the right of Plaintiff to extract and use groundwater from its wells to supply drinking water to the public. At all times relevant to this action, Plaintiff has had a significant property interest in the waters it extracts and uses from its wells. The past, present and continuing PCE contamination of such waters constitutes physical injury for which Plaintiff is entitled to, and Plaintiff hereby does, seek damages and other appropriate relief.

9. Defendant FOX CAPITAL MANAGEMENT CORPORATION ("FOX") is a California corporation with its principal place of business in Denver, Colorado. FOX, which was previously known by the name "Fox & Carskadon Financial Corporation," changed its name to "Fox Capital Management Corporation" in October 1986. At all times relevant to this action, FOX was the general partner of Century Properties Equity Fund 73 ("Century 73"), a California limited partnership that dissolved in the early 1990s. Century 73 owned the Site from approximately September 1974 to December 1985. During this time period, PCE was spilled, leaked, discharged, disposed of and/or otherwise released to soils underlying the Site, traveled

down into groundwater and migrated offsite, and thereby substantially contributed to the PCE contamination of Plaintiff's groundwater supply. FOX has been investigating and/or addressing PCE contamination in soil and groundwater at the Site since at least 2008. As Century 73's general partner, FOX is jointly and severally liable for all of Century 73's obligations and liabilities; accordingly, hereafter, FOX and Century 73 will be jointly referred to as "FOX."

10. Defendant SEVEN SPRINGS LIMITED PARTNERSHIP ("SEVEN SPRINGS") is a Missouri limited partnership with its principal place of business in Kansas City, Missouri. SEVEN SPRINGS currently owns the Site and has owned the Site since 1996. During SEVEN SPRINGS' ownership, PCE contamination has continued to impact groundwater underlying the Site and migrate offsite, thereby substantially contributing to the PCE contamination of Plaintiff's groundwater supply. SEVEN SPRINGS has been aware of PCE contamination at the Site since at least 2003, and has been investigating and/or performing remedial activities at the Site since then.

11. Defendant REAL ESTATE MANAGEMENT ASSOCIATES LLC ("REMA") is a Missouri limited liability company with its principal place of business in Kansas City, Missouri. At all times relevant to this action REMA has been the general partner of defendant SEVEN SPRINGS. As SEVEN SPRINGS' general partner, REMA is jointly and severally liable for all of the obligations and liabilities of SEVEN SPRINGS.

12. Defendant ENVIRONMENTAL ENGINEERING CONSULTING AND REMEDIATION, INC., doing business as E_2C Remediation ("E_2C"), is a California corporation with its principal place of business in Roseville, California. Since at least 2008, E_2C has been involved in investigating and/or remediating soil and groundwater contamination associated with the Site on behalf of defendants FOX, SEVEN SPRINGS and REMA. During this time period, FOX, SEVEN SPRINGS, REMA and E_2C have failed to perform their remediation activities at the Site with reasonable care, thereby causing and/or permitting PCE groundwater contamination to continue to migrate offsite from the Site, thereby substantially contributing to the PCE contamination of Plaintiff's groundwater supply.

13. Defendant ALLIANCE LAUNDRY SYSTEMS LLC ("ALLIANCE") is a Delaware limited liability company with its principal place of business in Ripon, Wisconsin. ALLIANCE was the manufacturer of a Speed Queen coin-operated dry-cleaning unit ("Speed Queen") that was located at the Site in the 1970s and used PCE as its dry-cleaning solvent. The Speed Queen unit was a Speed Queen On Premises Washer Extractor or a similar unit. Reasonably foreseeable usage of the Speed Queen, which included the delivery, loading, unloading, storage and transfer of PCE-containing dry cleaning solvents to, in and from the unit, including its solvent storage drum, caused PCE to spill, leak or otherwise be released or disposed of at the Site, including on the adjacent sidewalk and parking lot area. ALLIANCE's defective design of its Speed Queen product and failure to properly warn product owners and/or users – which included ALLIANCE's design of the product's solvent storage drum and associated parts and the warnings and instructions ALLIANCE provided and/or failed to provide to owners and users of its Speed Queen product – spills, leaks or other releases of PCE were inherent in the use of the Speed Queen product. Accordingly, ALLIANCE created or assisted in creating a system that caused PCE to be disposed of improperly, thereby contaminating soil and groundwater at the Site and substantially contributing to the PCE contamination of Plaintiff's groundwater supply.

14. DOES 1 through 50, inclusive, are (i) prior owners and/or operators of the Site, or (ii) current and/or former owners and/or operators of property in or around Plaintiff's service area who, on information and belief, spilled, leaked, discharged, disposed of, otherwise released PCE into the environment, and/or allowed PCE to continue to migrate towards Plaintiff's Water System, and thereby substantially contributed to the PCE contamination of Plaintiff's groundwater supply. DOES 1 through 50, along with FOX, SEVEN SPRINGS and REMA, are referred to collectively herein as "Property Owner/Operator Defendants."

15. DOES 51 through 100, inclusive, provided professional services to FOX, SEVEN SPRINGS and REMA regarding the remediation of PCE contamination at the Site and, in the process of doing so, failed to use reasonable care and thereby permitted PCE groundwater contamination to continue to migrate offsite from the Site, thereby substantially contributing to

the PCE contamination of Plaintiff's groundwater supply. DOES 51 through 100, along with E_2C, are referred to collectively herein as "Consultant Defendants."

16. DOES 101 through 150, inclusive, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold of certain parts and products, including the Speed Queen and/or other dry cleaning equipment, which used, included, and/or constituted PCE as a cleaning solvent or ingredient. DOES 101 through 150, along with ALLIANCE, are referred to collectively herein as "Manufacturer Defendants." As a result of the defective design of their products and their failure to sufficiently warn owners and/or users of their products, spills, leaks or other releases of PCE were inherent in the use of their products. Accordingly, the Manufacturer Defendants created or assisted in creating systems that caused PCE to be disposed of improperly, thereby contaminating soil and groundwater at the Site and/or at other locations in the vicinity of Plaintiff's Water System, and substantially contributed to the PCE contamination of Plaintiff's groundwater supply.

17. DOES 151 through 200, inclusive, transported, delivered, offloaded, and/or unloaded PCE to or into the Speed Queen unit at the Site, and/or maintained and/or operated the Speed Queen unit, and, in doing so, caused PCE to spill, leak or otherwise be released or disposed of at the Site, thereby substantially contributing to the PCE contamination of Plaintiff's groundwater supply. DOES 151 through 200 are referred to collectively herein as "Transporter Defendants."

18. FOX, SEVEN SPRINGS, REMA, E_2C, ALLIANCE and DOES 1-50, 51-100, 101-150 and 151-200, inclusive, are referred to collectively herein as "Defendants."

19. When reference is made in this Complaint to any act or omission of any of the Defendants, it shall be deemed that the officers, directors, partners, agents, employees or representatives of the Defendants committed or authorized such act or omission, or failed to adequately supervise or properly control or direct their employees or agents while engaged in the management, direction, operation or control of the affairs of Defendants, and did so while acting within the scope of their duties, employment, partnership or agency.

JURISDICTION AND VENUE

20. The California Superior Court has jurisdiction over this action pursuant to California Constitution Article VI, Section 10, which grants the Superior Court "original jurisdiction in all cases except those given by statute to other trial courts." The statutes under which this action is brought do not grant jurisdiction to any other trial court.

21. The California Superior Court has jurisdiction over Defendants because, based on information and belief, each is a corporation, limited partnership or other business that is incorporated in California, has sufficient minimum contacts in California and/or otherwise intentionally avails itself of the California market, so as to render the exercise of jurisdiction over it by California courts consistent with traditional notions of fair play and substantial justice.

22. Venue is proper in El Dorado County Superior Court because El Dorado County is where the injury at issue occurred and continues to occur and is where the property interest at issue is located.

BACKGROUND

A. Plaintiff's Groundwater Supply is Contaminated with PCE.

23. PCE – an anthropogenic chemical that does not occur naturally – has been commonly used as a dry cleaning solvent. According to California's State Water Resources Control Board ("State Board"), long-term exposure to PCE in drinking water at levels above the Maximum Contaminant Level can cause adverse health effects to the liver, kidneys and central nervous system. PCE exposure also may cause cancer, even at levels below the Maximum Contaminant Level. The U.S. Environmental Protection Agency classifies PCE as a probable human carcinogen.

24. PCE has been detected in certain of Plaintiff's groundwater wells (hereafter "Contaminated Wells") at levels that significantly exceed the State's Maximum Contaminant Level of 5 µg/L. The detection and/or presence of PCE, and the threat of further detection and/or presence of PCE, in the Contaminated Wells and in wells Plaintiff may acquire, use or construct in the future, in varying amounts and at varying times, has resulted in, and will continue to cause, significant injuries and damages to the Contaminated Wells and Plaintiff's Water System.

25. On September 8, 2014, Plaintiff received Compliance Order No. 01-09-14R-001 from the State Board's Division of Drinking Water notifying Plaintiff that, due to the PCE Maximum Contaminant Level exceedences in certain of Plaintiff's Contaminated Wells, Plaintiff's water system was in violation of California Health and Safety Code Sections 116555(a)(1) and (3) and California Code of Regulations, Title 22, Sections 64444, 64445.1(c)(5)(C), 64554(a)(2) and (3), and 64554(c).

26. As a result of the PCE in Plaintiff's Contaminated Wells, and to protect its customers, Plaintiff has been forced to, among other things: (i) cease its use of the Contaminated Wells; (ii) purchase water from South Tahoe Public Utility District, which is delivered into Plaintiff's Water System via an emergency intertie, in order to supplement its limited remaining groundwater supply; (iii) expend significant time and resources investigating the nature, extent and potential impact of the PCE contamination in the groundwater aquifer(s) that supply(ies) Plaintiff's Contaminated Wells; (iv) expend significant time and resources investigating and pursuing treatment technologies to remove PCE from the Contaminated Wells; and (v) expend significant time and resources investigating and pursuing options for remediating the groundwater aquifer(s) that supply(ies) Plaintiff's Contaminated Wells.

B. Defendants Caused the PCE Contamination Impacting Plaintiff's Groundwater.

27. Following years of regulatory investigations, the only known source of PCE in groundwater in the vicinity of Plaintiff's Water System is the Site. Groundwater flow in the vicinity of the Site fluctuates from the northwest to the northeast. Plaintiff's Water System and Contaminated Wells are hydraulically downgradient from the Site. PCE groundwater contamination has, and continues to, migrate offsite from the Site into Plaintiff's groundwater supplies and Contaminated Wells. The Site is a substantial factor in contaminating Plaintiff's groundwater supplies and causing the PCE Maximum Contaminant Level violations in Plaintiff's Contaminated Wells.

28. The South Y Shopping Center, where the Site is located, opened for business in approximately 1972. From approximately 1972 through 1979, the Speed Queen dry cleaning unit operated at the Site. The Speed Queen included a storage drum that held the PCE-

containing dry-cleaning solvents used by the machine. Reasonably foreseeable routine usage of the Speed Queen, which included the delivery, loading, unloading, storage and transfer of PCE-containing dry cleaning solvents to, in and from the unit, including its solvent storage drum, caused PCE to spill, leak or otherwise be released or disposed of at the Site, including on the adjacent parking lot and sidewalks.

29. FOX owned the South Y Shopping Center and Site from approximately September 1974 to December 1985. During this time, up through approximately 1979, FOX knew or should have known that the Speed Queen unit was operating at the Site. Despite this, FOX, among other things, allowed the sidewalks and pavement at the Site to significantly deteriorate, thereby allowing PCE discharges from the Speed Queen and its appurtenances to reach soil and, ultimately, groundwater.

30. At all times relevant to this action, Defendants knew or should have known that spilling, leaking, discharging, disposing of and/or otherwise releasing dry cleaning solvents, including PCE, into the environment can lead to soil and groundwater contamination and pose a grave threat to public health and the environment, especially when the release occurs in proximity to public water supply wells.

31. At all times relevant to this action, the Property Owner/Operator Defendants, Manufacturer Defendants and Transporter Defendants knew or should have known that a failure to recommend, warn, mandate, construct and/or maintain impermeable structures around locations and equipment where PCE solvents were used and/or handled, such as the Speed Queen unit and related transfer points for solvent deliveries to and from that unit, created an unreasonable risk that soil and groundwater contamination would result.

32. At all times relevant to this action, when they owned the Site, FOX and SEVEN SPRINGS (and REMA) were and/or have been responsible for maintaining the Site's common areas, including sidewalks and parking lots, and have had the power and responsibility to exercise sufficient control over their real property and its tenants to prevent and/or minimize the release of PCE solvents into the environment and the continued offsite migration of the PCE contamination from the Site, but failed to do so.

33. SEVEN SPRINGS has owned the South Y Shopping Center and Site since approximately 1996. Between 2003 and 2008, SEVEN SPRINGS' and REMA's consultant conducted site investigations at the Site, which demonstrated that the Site was a source of PCE soil and groundwater contamination.

34. In 2010, FOX, SEVEN SPRINGS and REMA, through their consultant E_2C, began remediation activities at the Site to remove PCE from site soil and groundwater. Unfortunately, the insufficient remediation measures undertaken by FOX, SEVEN SPRINGS, REMA and E_2C since 2010, and their failure to employ any remediation measures whatsoever during a several month period in 2013, have allowed PCE groundwater contamination to continue to migrate offsite from the Site, impact Plaintiff's groundwater supplies, and contaminate and/or continue to threaten Plaintiff's Contaminated Wells.

35. At all times relevant to this action, FOX, SEVEN SPRINGS, REMA, E_2C and the other Consultant Defendants knew or should have known that their failure to properly remediate the Site and resulting failure to prevent additional PCE groundwater contamination from migrating offsite would pose a grave threat to public health and the environment, especially given the proximity of multiple public water supply wells.

36. At all times relevant to this action, the Defendants, and each of them, knew or should have known that feasible measures could have been implemented to remove or substantially reduce the potential that their acts or omissions could result in the discharge, spillage, leakage, disposal, continued offsite migration and/or otherwise release of PCE into the environment, but failed to implement such measures.

C. Defendants' PCE Contamination Has Harmed and Continues to Harm Plaintiff.

37. The PCE contamination in Plaintiff's groundwater supply and in Plaintiff's Contaminated Wells at levels above the Maximum Contaminant Level has caused, and will continue to cause, significant physical injury to Plaintiff's property, and has caused, and will continue to cause, Plaintiff to sustain significant damages.

38. The injuries to Plaintiff's property and resulting damages sustained by Plaintiff caused by Defendants' conduct, as alleged herein, constitute an unreasonable interference with,

and physical damage to, the limited subterranean supplies of fresh drinking water on which Plaintiff's Contaminated Wells and Water System depend. Plaintiff's interest in protecting the quality of its limited drinking water supplies warrants and constitutes a personal reason, for seeking damages and injunctive relief sufficient to restore such drinking water supplies to their pre-contamination condition.

39. As a proximate cause of Defendants' acts and/or omissions, Plaintiff has suffered, and will suffer, substantial injuries that include, but are not limited to: (i) an interference with Plaintiff's use of its property interest in the water pumped by its Contaminated Wells and the real property on which the wells are located; (ii) physical damage to water and real property over which Plaintiff has possessory interests; (iv) the past, current, and future costs associated with Plaintiff's contaminated groundwater supply and loss of use of its Contaminated Wells and the resulting well closures and need to temporarily purchase replacement water from South Tahoe Public Utility District; and (v) the costs of restoring Plaintiff's contaminated water to its pre-contamination condition by, for example, removing or reducing PCE via wellhead treatment (including engineering, capital and operations and maintenance costs).

40. At all times relevant to this action, PCE spilled, leaked, discharged, disposed of, otherwise released and/or allowed to continue to migrate offsite by Defendants caused and/or was a substantial factor in causing the PCE contamination of Plaintiff's Contaminated Wells and groundwater supply.

41. This injury to Plaintiff's property caused by Defendants' acts and omissions is of an indivisible nature, rendering Defendants, and each of them, jointly and severally liable for the damages and relief sought herein.

42. Plaintiff is informed and believes and based thereon alleges that it has suffered damages in excess of $25,000.

FIRST CAUSE OF ACTION
(Negligence Against All Defendants)

43. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

44. FOX, SEVEN SPRINGS, REMA, and the other Property Owner/Operator Defendants, and each of them, had a duty and breached their duty to use reasonable care in their ownership, operation, construction, design and/or maintenance of the Site and/or other properties in the vicinity of Plaintiff's Water System.

45. FOX, SEVEN SPRINGS, REMA, E_2C and the other Consultant Defendants, and each of them, had a duty and breached their duty to use reasonable care in their design, implementation, recommendation and/or operation of remediation activities at the Site.

46. ALLIANCE and the other Manufacturer Defendants, and each of them, had a duty and breached their duty to use reasonable care in their design, manufacture, formulation, promotion, marketing, distribution, and/or sale of certain parts and products, including the Speed Queen and/or other dry cleaning equipment, which used, included, and/or constituted PCE as a cleaning solvent or ingredient ("PCE Products").

47. The Transporter Defendants, and each of them, had a duty and breached their duty to use reasonable care in their transport, delivery, offloading, and/or unloading of PCE to or into the Speed Queen unit at the Site and/or their maintenance and/or operation of the Speed Queen unit.

48. In breaching their duty to use reasonable care, Defendants, and each of them, acted negligently, carelessly and/or recklessly and, as a result, PCE was spilled, leaked, discharged, disposed of, otherwise released and/or allowed to continue to migrate, thereby causing the contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them. In light of the special hazards and environmental risks associated with the handling and release of PCE, Defendants were engaged in extremely dangerous activities where the risk of harm was so great that their failure to use extreme caution, in addition to their failure to use reasonable care, constitutes a breach of their aforementioned duties.

49. At all times relevant herein, the PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them were a foreseeable consequence of Defendants' acts and omissions.

50. As a direct and proximate result of Defendants' negligent acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

SECOND CAUSE OF ACTION
(Continuing Private Nuisance Against All Defendants)

51. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

52. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including the groundwater it extracts from its Contaminated Wells.

53. The negligent, reckless, intentional and/or ultrahazardous acts and omissions of the Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance under California Civil Code §§ 3479 and 3481. Each such Defendant has caused, maintained, assisted and/or participated in such nuisance, and is a substantial contributor to such nuisance.

54. The Defendants have caused and/or permitted the nuisance to Plaintiff's Contaminated Wells and the groundwater that supplies them as a result of their unnecessary, unreasonable, and injurious acts and omissions, as alleged herein.

55. The nuisance caused, contributed to, maintained, assisted in and/or participated in by the Defendants, and each of them, has caused substantial injury to Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance alleged herein has and continues to substantially and unreasonably interfere with, obstruct, and/or disturb Plaintiff's right to extract, use, and enjoy groundwater from its Contaminated Wells.

56. Plaintiff did not consent to the Defendants' acts and omissions, as alleged herein, which constitute a nuisance.

57. An ordinary person would be reasonably annoyed and/or disturbed if, as has happened to Plaintiff, the Defendants' acts and omissions caused his/her/its drinking water supply to become contaminated to the point where it could no longer be used.

58. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

59. In creating the nuisance alleged herein, the Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

60. The gravity of the harm to Plaintiff caused by the Defendants' contamination outweighs the public benefit of the Defendants' conduct.

61. As a direct and proximate result of the Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be

proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, through this Second Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

62. Unless Defendants, and each of them, abate the nuisance that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

THIRD CAUSE OF ACTION

(Continuing Public Nuisance With Special Injury Against All Defendants)

63. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

64. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including the groundwater it extracts from its Contaminated Wells.

65. The negligent, reckless, intentional, and/or ultrahazardous acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance under California Civil Code §§ 3479, 3480, and 3493. Each such Defendant has caused, maintained, assisted and/or participated in such nuisance, and is a substantial contributor to such nuisance.

66. The Defendants have caused and/or permitted the nuisance to Plaintiff's Contaminated Wells and the groundwater that supplies them as a result of their unnecessary, unreasonable, and injurious acts and omissions, as alleged herein

67. The nuisance caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, affects at the same time an entire community and/or a considerable number of persons, in that, among other things, (i) the nuisance perpetrated by Defendants has caused harm to waters of the State of California, which are a quintessential public resource; and (ii) Defendants' pollution has fouled a source of public drinking water used

by approximately 3,191 people with harmful levels of a toxic compound, and thus created a significant risk to public health.

68. The nuisance caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, is especially injurious to Plaintiff, who has suffered harm that is different from the type of harm suffered by others, as the nuisance has contaminated Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance alleged herein has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's right to extract, use and enjoy groundwater from its Contaminated Wells.

69. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance.

70. An ordinary person would be reasonably annoyed and/or disturbed if, as has happened to Plaintiff, Defendants' acts and omissions caused his/her/its drinking water supply to become contaminated to the point where it could no longer be used.

71. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

72. In creating the nuisance alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

73. The gravity of the harm to Plaintiff caused by Defendants' contamination outweighs the social utility of Defendants' conduct.

74. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has

suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this Third Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

75. Unless Defendants, and each of them, abate the nuisance that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

FOURTH CAUSE OF ACTION
(Continuing Private Nuisance *Per Se* Against All Defendants)

76. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

77. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including its Contaminated Wells.

78. The negligent, reckless, intentional and/or ultrahazardous acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance pursuant to State statutes and regulations – including but not limited to California Water Code § 13050(m) and California Health & Safety Code § 5410(f) – which set a standard of care or conduct to protect public health and the environment. Each Defendant has caused, maintained, assisted and/or participated in the aforementioned nuisance *per se*, and is a substantial contributor to such nuisance.

79. Based on Defendants' aforementioned statutory and regulatory violations, Defendants' acts and omissions, as alleged herein, constitute nuisance *per se*. Plaintiff's investigation and discovery are not yet complete and, therefore, Plaintiff will seek leave of Court

to amend the complaint to allege additional violations or, in the alternative, to give notice to Defendants of any additional statutory violations, when determined.

80. The damage resulting from Defendants' statutory and regulatory violations is of the type the statutes and regulations were designed to prevent. Plaintiff is and has been a member of a class of persons intended to be protected under said statutes and regulations.

81. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, has caused substantial injury to Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance *per se* alleged herein has and continues to substantially and unreasonably interfere with, obstruct, and/or disturb Plaintiff's right to extract, use, and enjoy groundwater from its Contaminated Wells. Plaintiff is specially and adversely affected by the nuisance.

82. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance *per se*.

83. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

84. In creating the nuisance *per se* alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

85. The gravity of the harm to Plaintiff caused by the Defendants' contamination outweighs the public benefit of the Defendants' conduct.

86. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has

suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this Fourth Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

87. Unless Defendants, and each of them, abate the nuisance *per se* that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

FIFTH CAUSE OF ACTION

(Continuing Public Nuisance *Per Se* With Special Injury Against All Defendants)

88. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

89. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including its Contaminated Wells.

90. The negligent, reckless, intentional and/or ultrahazardous acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance pursuant to State statutes and regulations – including but not limited to California Water Code § 13050(m) and California Health & Safety Code § 5410(f) – which set a standard of care or conduct to protect public health and the environment. Each Defendant has caused, maintained, assisted and/or participated in the aforementioned nuisance *per se*, and is a substantial contributor to such nuisance.

91. Based on Defendants' aforementioned statutory and regulatory violations, Defendants' acts and omissions, as alleged herein, constitute nuisance *per se*. Plaintiff's investigation and discovery are not yet complete and, therefore, Plaintiff will seek leave of Court

to amend the complaint to allege additional violations or, in the alternative, to give notice to Defendants of any additional statutory violations, when determined.

92. The damage resulting from Defendants' statutory and regulatory violations is of the type the statutes and regulations were designed to prevent. Plaintiff is and has been a member of a class of persons intended to be protected under said statutes and regulations.

93. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, affects at the same time an entire community and/or a considerable number of persons, in that, among other things, (i) the nuisance perpetrated by Defendants has caused harm to waters of the State of California, which are a quintessential public resource; and (ii) Defendants' pollution has fouled a source of public drinking water used by approximately 3,191 people with harmful levels of a toxic compound, and thus created a significant risk to public health.

94. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, is especially injurious to Plaintiff, who has suffered harm that is different from the type of harm suffered by others, as the nuisance has contaminated Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance *per se* alleged herein has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's right to extract, use and enjoy groundwater from its Contaminated Wells.

95. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance *per se*.

96. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

97. In creating the nuisance *per se* alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

98. The gravity of the harm to Plaintiff caused by Defendants' contamination outweighs the social utility of Defendants' conduct.

99. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this Fifth Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

100. Unless Defendants, and each of them, abate the nuisance *per se* that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

SIXTH CAUSE OF ACTION
(Continuing Trespass Against All Defendants)

101. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

102. Plaintiff is the owner and actual possessor of its Water System, which includes drinking water production wells, including Plaintiff's Contaminated Wells. Plaintiff owns, possesses and actively exercises rights to extract and use groundwater drawn from its wells.

103. Through Defendants', and each of their, negligent, reckless and/or intentional acts and omissions, as alleged herein, Defendants proximately caused PCE to enter, invade, intrude

upon, and injure Plaintiff's possession of property, by contaminating Plaintiff's Contaminated Wells and the groundwater that supplies them.

104. Plaintiff has not consented to, and does not consent to, the contamination alleged herein. Defendants, and each of them, knew or reasonably should have known that Plaintiff would not consent to this trespass.

105. The trespass caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, has caused substantial injury to Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The trespass alleged herein constitutes a physical invasion of Plaintiff's property and has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's property interest in the groundwater drawn by its Contaminated Wells.

106. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

107. In creating the trespass alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

108. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such

damages, and, under this Sixth Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

109. Unless Defendants, and each of them, abate the trespass that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

110. Due to Defendants' trespass, as alleged herein, Plaintiff is entitled to damages pursuant to California Civil Code § 3334, which include the value of the use of the property at issue for the duration of the wrongful occupation, the reasonable cost of repair or restoration of the property to its original condition, and the costs, if any, of recovering the possession.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

SEVENTH CAUSE OF ACTION
(Declaratory Relief Against All Defendants)

111. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

112. An actual controversy has arisen and now exists between Plaintiff and Defendants, and each of them, concerning the parties' respective obligations and liabilities arising from the presence of PCE contamination in Plaintiff's Contaminated Wells and the groundwater that supplies them and the attendant hazards posed thereby to the public and environment. Plaintiff contends and Defendants deny that Defendants have obligations and potential obligations under law for:

a) the costs that will be incurred for future investigation, characterization, treatment, removal, replacement and/or remediation activities; and

b) such other and further costs and liabilities as hereafter arise from the presence of PCE contamination in Plaintiff's Contaminated Wells and the groundwater that supplies them.

113. Unless a judicial declaration is issued, setting forth the parties' rights and obligations with respect to the costs, damages, and liabilities identified above, a multiplicity of actions will result. Plaintiff therefore requests a judicial determination of the rights, duties, and

obligations of the parties with respect to the costs, damages, duty to defend, and liabilities identified above.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

EIGHTH CAUSE OF ACTION
(Preliminary and Permanent Injunction and Abatement of Nuisance Against All Defendants)

114. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

115. To date, the PCE that, through Defendants' acts and omissions, was spilled, leaked, discharged, disposed of, otherwise released, and/or allowed to migrate offsite, which has caused the PCE contamination to Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has not been removed or the property at issue remediated, and the nuisance has not been abated by the Defendants.

116. Plaintiff is informed and believes, and based thereon alleges, that Defendants, and each of them, will not abate such nuisance unless affirmatively required to do so by an order of this Court requiring such abatement or by preliminary or permanent injunction herein.

117. Unless Defendants, and each of them, are so ordered by this Court, PCE that Defendants released into the subsurface will continue to leach into the aquifer that supplies Plaintiff's Contaminated Wells, migrate downgradient in the direction of Plaintiff's Water System, and contaminate Plaintiff's Contaminated Wells and the groundwater that supplies them for years and/or decades to come, substantially increasing Plaintiff's long-term treatment costs and other damages.

118. Plaintiff has no plain, speedy, or adequate remedy at law, and injunctive relief is expressly authorized by Code of Civil Procedure §§ 526 and 731. Accordingly, Plaintiff requests that the Court issue an injunction directing Defendants, and each of them, to abate the nuisance and trespass that they have caused, as alleged herein. Defendants, and each of them, are jointly and severally liable for providing all such relief, and Plaintiff is entitled to recover all such relief in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

NINTH CAUSE OF ACTION

(Unlawful Business Practices Pursuant to Business & Professions Code §§ 17200 et seq.)

119. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

120. Plaintiff has standing to pursue this claim because Plaintiff has suffered injury in fact and has suffered damage to its property as a result of Defendants' unlawful business practices.

121. Through their acts and omissions, as alleged herein, Defendants, and each of them, violated California statutes and regulations, including but not limited to the following: California Water Code §§ 13050 and 13350; California Health & Safety Code §§ 5410 and 5411; and California Fish & Game Code § 5650. All such violations have occurred in connection with and/or as a result of the Defendants' normal business activities, rendering them unlawful business practices within the meaning of California's Unfair Competition Laws, pursuant to California Business & Professions Code §§ 17200 et seq.

122. As a direct, proximate, and foreseeable result of Defendants' wrongful conduct, as alleged herein, Defendants' business acts, omissions, and/or practices have caused injury to Plaintiff and the public, and Plaintiff is entitled to relief.

123. As a result of the violation by the Defendants, and each of them, of California's Unfair Competition Laws, Plaintiff is entitled to the injunctive relief requested herein.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter

TENTH CAUSE OF ACTION

(Strict Products Liability Based On Defective Design Against The Manufacturer Defendants)

124. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

125. The Manufacturer Defendants, and each of them, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold PCE Products.

126. The Manufacturer Defendants, and each of them, knew that such PCE Products were to be purchased and used without inspection for defects.

127. PCE used in or in connection with PCE Products purchased or otherwise acquired (directly or indirectly) from the Manufacturer Defendants, and each of them, by the Property Owner/Operator Defendants, or others, was spilled, leaked, discharged, disposed of, and/or otherwise released at the Site and/or in the vicinity of Plaintiff's Water System.

128. The PCE Products purchased by the Property Owner/Operator Defendants and/or others were used (or misused) in a reasonably foreseeable manner and without substantial change in the condition of such Products.

129. The Manufacturer Defendants' PCE Products used in the vicinity of Plaintiff's Water System, including at the Site, were defective in design and unreasonably dangerous products because, among other things:

(a) Leaks, spills and releases of PCE were inherent in the normal, foreseeable uses (and misuses) of such PCE Products, including the transportation, loading, unloading, storage, and handling of such products.

(b) Use of PCE Products in their intended and/or in a reasonably foreseeable manner caused or resulted in the spillage, discharge, disposal or release of PCE into or onto the environment.

(c) PCE, when released into the environment, causes extensive groundwater contamination, which is extremely expensive to remediate, and poses a substantial risk to public health.

130. At all times relevant to this action, PCE Products were dangerous to an extent beyond that which would be contemplated by the ordinary consumer when those PCE Products were used or misused in an intended or reasonably foreseeable way, and/or the risk of harm to public health and welfare and the environment posed by PCE outweighed the cost to the Manufacturer Defendants of reducing or eliminating such risk.

131. As a direct and proximate result of the PCE Product defects previously described, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct

and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial.

132. The Manufacturer Defendants are strictly, jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

ELEVENTH CAUSE OF ACTION
(Strict Products Liability Based On Failure To Warn Against The Manufacturer Defendants)

133. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

134. The Manufacturer Defendants, and each of them, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold PCE Products.

135. The Manufacturer Defendants, and each of them, knew that such PCE Products were to be purchased and used without inspection for defects.

136. PCE Products purchased or otherwise acquired (directly or indirectly) from the Manufacturer Defendants, and each of them, by the Property Owner/Operator Defendants, or others, were spilled, leaked, discharged, disposed of, otherwise released, and/or allowed to migrate offsite from the Site in the vicinity of Plaintiff's Water System.

137. The PCE Products purchased by the Property Owner/Operator Defendants, or others, were used (or misused) in a reasonably foreseeable manner and without substantial change in the condition of such products.

138. Leaks, spills and releases of PCE were also inherent in the normal, foreseeable uses (or misuses) of such PCE Products, including the transportation, loading, unloading, storage, and handling of such products.

139. The Manufacturer Defendants knew, or should have known, that use of PCE Products in their intended and/or in a reasonably foreseeable manner would result in the spillage,

discharge, disposal or release of PCE into or onto the environment, thereby causing contamination that poses a substantial risk to public health.

140. The PCE Products used in the vicinity of Plaintiff's Water System were defective in design and unreasonably dangerous products for the reasons set forth in paragraph 129 above, among other things.

141. Ordinary consumers would not have recognized the potential risks associated with the reasonably foreseeable uses of PCE Products.

142. Despite the known and/or foreseeable environmental and human health hazards associated with the use and release of PCE Products in the vicinity of subterranean drinking water supplies, including contamination of public drinking water supplies with PCE, the Manufacturer Defendants, and each of them, failed to provide adequate warnings of, or take other sufficient precautionary measures to mitigate, those hazards.

143. In particular, the Manufacturer Defendants failed to adequately describe such hazards or provide sufficient precautionary statements regarding such hazards in the labeling of and/or warnings provided with their PCE Products or otherwise.

144. As a direct and proximate result of the defects previously described, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial.

145. The Manufacturer Defendants are strictly, jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff respectfully requests a trial of this Action before a jury, to the extent possible, and that, upon a favorable verdict, this Court enter judgment in favor of Plaintiff and against Defendants, jointly and severally, as follows:

a. An award of compensatory and consequential damages, according to proof, including, but not limited to, an award of the necessary costs heretofore incurred, and that will be reasonably incurred in the future, by Plaintiff in responding to the PCE contamination alleged herein, according to proof;

b. An award of damages pursuant to California Civil Code § 3334, according to proof;

c. An order granting Plaintiff the declaratory relief requested herein;

d. An order granting Plaintiff the injunctive relief and abatement sought herein;

e. An order granting Plaintiff its costs in prosecuting this action, according to proof;

f. An order awarding Plaintiff its reasonable attorneys' fees in prosecuting this action, according to proof, including but not limited to attorneys fees pursuant to California Code of Civil Procedure § 1021.5;

g. An order awarding Plaintiff prejudgment interest to the full extent permitted by law;

h. An order permitting the Court to retain jurisdiction over this action after entry of the requested equitable relief for the purpose of granting further relief as may be necessary and/or proper to effectuate the will of the Court; and

i. Such other and further relief as the Court may deem just and proper.

DATED: July 3, 2017

ROBINS BORGHEI LLP

By: _____

TODD E. ROBINS
JED J. BORGHEI
COREY M. MOFFAT

Attorneys for Plaintiff,
LUKINS BROTHERS WATER COMPANY, INC.

EXHIBIT 6: TAHOE KEYS WATER COMPANY SETTLEMENT AGREEMENT

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SETTLEMENT AGREEMENT AND RELEASE

This SETTLEMENT AGREEMENT AND RELEASE (the "Settlement Agreement") is made and entered into among Tahoe Keys Property Owner's Association ("TKPOA"), Tahoe Keys Water Company ("TKWC"), Seven Springs Limited Partnership ("SSLP"), and Fox Capital Management Corporation ("Fox") (each a "Party" and collectively, the "Parties").

RECITALS

This Settlement Agreement is made for the following purposes and with reference to the following facts:

WHEREAS, TKPOA is a homeowner's association in South Lake Tahoe, California, consisting of 1,528 properties that owns and operates a drinking water supply system through TKWC.

WHEREAS, TKWC supplies potable water to the homeowners within the TKPOA development as well as a handful of commercial users within its service area, and is regulated by the State of California Division of Drinking Water and permitted as Public Water System No. 0910015;

WHEREAS, TKWC operates three drinking water wells, referred to herein as TKWC Well Nos. 1, 2, and 3, and has installed a fourth well, TKWC Well No. 4.[1]

WHEREAS, SSLP currently owns the South Y Shopping Center, located near the intersection of Emerald Bay Road and Lake Tahoe Boulevard in South Lake Tahoe, El Dorado County, California.

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[1] The locations of TKWC Wells No. 1, 2, 3 and 4 are shown in Exibit A, attached hereto.

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WHEREAS, Fox is the former general partner of a now defunct entity, Century Properties Equity Fund 73, which owned the South Y Shopping Center between 1974 and 1985.

WHEREAS, between approximately 1972 and 1979 or 1980, a coin-operated drycleaner unit was operated by a business known as Lake Tahoe Laundry Works ("LTLW") at the South Y Shopping Center.

WHEREAS, since 1989, the Lahontan Regional Water Quality Control Board ("Regional Board") has investigated contamination associated with discharges of tetrachloroethylene and its daughter products (collectively, "PCE") in the South Lake Tahoe area, including, for the purposes of this Settlement Agreement, discharges of PCE from the LTLW, (the "Regional PCE Contamination") and has named SSLP and Fox, among other parties, as dischargers in a Proposed Cleanup and Abatement Order dated June 16, 2022, ("Proposed CAO") based on alleged discharges of PCE from the LTLW site.

WHEREAS, on April 2, 2018, TKPOA filed a lawsuit against Fox, SSLP, and other defendants (collectively, "the defendants"), in County of El Dorado Superior Court, South Lake Tahoe Branch, alleging that the defendants caused and continued to cause its groundwater supplies to become contaminated with PCE.

WHEREAS, the April 2, 2018, lawsuit captioned *Tahoe Keys Property Owners Association v. Fox Capital Management Corporation, et al.*, Case No. SC20180053 (El Dorado Superior Court) (the "TKPOA Action"), contained nine causes of action and sought recovery from the defendants for compensatory and consequential damages and for declaratory, injunctive and other relief.[2]

[2] The Complaint in Case No. SC20170217 is attached hereto as Exhibit B.

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WHEREAS, on April 9, 2021, TKPOA filed a request for dismissal of the TKPOA Action, which the El Dorado Superior Court granted.

WHEREAS, after SSLP and Fox engaged in extended dispute resolution and negotiation with the Regional Board with respect to the matters addressed in the Proposed CAO, the Parties and Fox resumed settlement negotiations regarding the Claims (defined below) in 2023.

WHEREAS, on September 29, 2025, the Parties engaged in settlement negotiations at the offices of the Regional Water Quality Board (Lahontan Region) in South Lake Tahoe, and, as a result of those negotiations, the Parties have agreed to a settlement of their dispute as set forth herein with no admission of liability whatsoever by any Party.

NOW, THEREFORE, IT IS HEREBY AGREED, by and among the Parties to this Settlement Agreement, by and through their respective undersigned attorneys, that the Released Claims, as defined below, are to be settled and compromised on the following terms and conditions:

TERMS OF AGREEMENT

1. CONSIDERATION

a) Upon execution of this Settlement Agreement by all Parties, and subject to the conditions precedent defined herein, SSLP and Fox shall cause to be paid One Million Five Hundred Thousand Dollars ($1,500,000) to TKPOA (the "Settlement Payment") within thirty (30) days of the Effective Date of this agreement by electronic deposit/wire transfer pursuant to written wire instructions provided confidentially to counsel for Fox and Seven Springs within five days of the Effective Date.

b) Unless otherwise agreed upon by the Parties in writing, TKPOA and TKWC agree that the Settlement Payment funds will be used solely for operation and maintenance of TKWC's

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granular activated carbon ("GAC") treatment plant currently treating water from TKWC Well No. 2 ("Wellhead Treatment"), for Wellhead Treatment at TKWC No. 1, and/or for the construction of or Wellhead Treatment at TKWC Well No. 4 or a replacement well or other future well by or on behalf of TKPOA or TKWC, pursuant to the following details and covenants:

i. TKPOA and TKWC agree to operate Wellhead Treatment on TKWC Well No. 2 for as long as TKPOA or TKWC operates TKWC Well No. 2 and Wellhead Treatment is required by TKWC's Division of Drinking Water operating permit or any future permit that authorizes or regulates TKWC Well No. 2.

ii. TKPOA and TKWC have conducted siting evaluations, and drilled test borings to identify the location for new TKWC Well No. 4, and have installed TKWC Well No. 4 based on that information.

iii. TKPOA and TKWC agree that, to the extent commercially and operationally reasonable (without taking into account any funds that may be obtained from SSLPor Fox), it will install any future Well(s) in a location that is (A) outside the boundaries of the Regional PCE Contamination, as delineated by the map the Regional Board or its staff designate as the most recent map depicting the boundaries of the Regional PCE Contamination at the time the site for such future Well is selected by TKPOA or TKWC, (B) outside the reasonably anticipated migration path of the Regional PCE Contamination, as delineated based on then available groundwater science and taking into account the effect that pumping the future Well would have on groundwater flow direction, as assessed at the time the site for such future Well is selected by TKPOA or TKWC, and (C) in a location such that pumping of the future Well would not reasonably be expected to result in

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the Regional PCE Contamination impacting any then-existing production well that can reasonably be identified. To the extent water supply or other circumstances require TKPOA or TKWC to install a well within the area described by subparagraphs (A), (B) or (C) ("Restricted Area"), TKPOA and TKWC by this Settlement Agreement hereby assume, all of the risk with respect to any PCE contamination that may impact such future Well or then-existing production well and agrees to indemnify, defend, and hold harmless the Released Parties (as defined below) from and against any and all losses, damages, liabilities, deficiencies, claims, causes of action, obligations, actions, demands, rights, judgments, attorneys' fees, settlements, interest, awards, penalties, fines, costs, or expenses of whatever kind, known or unknown, arising at any time (collectively "Claims") related to the impacts that the Regional PCE Contamination have on TKWC No. 4 or that future Well or then-existing production wells at any time. In the event the future Well or then existing production well is impacted by PCE from the Regional PCE Contamination during such well's operational life, TKPOA and TKWC additionally waive and release all claims and causes of action against the Released Parties (as defined below) arising out of any such impacts, consistent with the Release set forth in **Section 2** below.

c) The Parties agree that they will take all reasonably necessary steps to gain the Regional Board's approval of this Settlement Agreement as well as the Stipulated Cleanup and Abatement Order negotiated between the Regional Board, Fox, and SSLP ("Stipulated CAO"), including, without limitation, providing data and information as required by the Regional Board and engaging in discussions with the Regional Board as necessary to demonstrate that the actions

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required by the Settlement Agreement will be adequate to safeguard human health and the environment with regard to the current and reasonably anticipated future impacts of the Regional PCE Contamination on TKPOA's or TKWC's operations.

d) TKPOA and TKWC agree that they will not object to the Regional Board's issuance of the Stipulated CAO or take any public positions adverse to any aspect of the Stipulated CAO so long as the final version of the Stipulated CAO is not materially different from the draft provided to TKPOA and TKWC's counsel on October 15, 2026. TKPOA and TKWC state that any change to the October 15, 2026 draft of the Stipulated CAO that might affect the future operation and control of the TKPOA/TKWC water system is de facto "materially different" for purposes of supporting or objecting to the adoption of the Stipulated CAO.

e) TKPOA, TKWC and their counsel, as applicable, shall be solely responsible for federal, state, and local taxes due on their respective portions of the Settlement Payment, and each specifically agrees to indemnify, defend, and hold harmless the Released Parties from and against any and all claims involving federal, state, or local taxes resulting from such responsibility.

f) The Parties expressly acknowledge and agree that the Settlement Payment (i) is the result of good-faith negotiations conducted by and among the Parties and (ii) represents the sole consideration for the mutual releases contained herein. The Parties further acknowledge that any monies paid to TKPOA do not represent and shall not in any way be considered a measure of TKPOA's or TKWC's damages.

g) All Parties shall bear their own attorneys' fees and costs.

h) Each of the Parties shall sign such further documents and take such further action as reasonably may be reasonably necessary to effectuate the terms of this Settlement Agreement.

2. MUTUAL RELEASES AND WAIVER OF CIVIL CODE SECTION 1542.

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a) TKPOA and TKWC, themselves and on behalf of their heirs, executors, administrators, agents, attorneys, officers, directors, shareholders, members, successors, and assigns, do hereby release, acquit, and forever discharge the "Released Parties" as defined below, collectively and individually, from any and all Claims (i) that arise from or are related to or connected with any of the Claims asserted in the TKPOA Action, (ii) that could have been or could in the future be asserted against the Released Parties regarding the Regional PCE Contamination as to TKWC Well Nos. 1, 2, and 3, and 4, (iii) that are related to the Regional PCE Contamination in connection with any other well or wells constructed, operated, or owned by TKPOA or TKWC within the Restricted Area after the Effective Date of this Settlement Agreement (collectively the "Released Claims"). The term "Released Parties" means SSLP and Fox, their past, present or future predecessors, successors, parent entities, subsidiaries, affiliates, divisions, partners, members, and related entities of any nature, as well as their past, present, or future officers, directors, employees, consultants, contractors, service providers, vendors, heirs, executors, administrators, bankruptcy trustees, bankruptcy estate, investors, shareholders, lenders, guarantors, insurers, indemnitors, attorneys, agents, and assigns, including, without limitation, any person related to any such entity or person who is, was, or could have been named as a defendant in any lawsuit or arbitration asserting the Released Claims. This release does not extend to any other potentially responsible parties not included within the definition of "Released Parties," including, but not limited to, Does 1 through 50 identified in the TKPOA Action.

b) SSLP and Fox hereby forever release and discharge TKPOA and TKWC, their affiliates, officers, directors, employees, consultants, heirs, attorneys, agents, representatives, members, and assigns from any and all Claims that arise from or are related to or connected with

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any of the Released Claims, or that could have been asserted against TKPOA or TKWC in any action related to the Released Claims, except with respect to the obligations set forth herein.

c) TKPOA and TKWC agree that in the event either of them makes a Claim against any person or entity not a party to this Agreement with respect to the subject matter of any Released Claim, TKPOA and TKWC shall ensure that any settlement or other resolution thereof shall include a waiver of such person or entity's rights, if any, to recover from the Released Parties.

d) It is further understood and agreed that as part of the consideration and inducement for the execution of this Settlement Agreement, the Parties specifically waive the provisions of Section 1542 of the California Civil Code, which reads as follows:

> A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.

3. COVENANTS, REPRESENTATIONS, WARRANTIES, AND CONFIDENTIALITY

a) The Parties covenant and warrant that they have the full power and authority to enter into this Settlement Agreement and to carry out its terms and that they have not previously assigned, sold, or otherwise pledged or encumbered any right, title, or interest in the claims released herein or their right, power, and authority to enter into this Settlement Agreement. TKPOA and TKWC warrant and represent that they are the owner of any and all claims that exist as of the execution of this Settlement Agreement against SSLP or Fox relating in any way to any

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current or future wells owned by TKPOA or TKWC and that neither TKPOA nor TKWC has assigned or transferred its claims to any third party.

b) The Parties agree that all documents and things (including, but not limited to, electronic files and communication records) concerning or relating to the Released Claims, the negotiations leading to this Settlement Agreement, and the information exchanged during negotiations leading to this Settlement Agreement (collectively "Confidential Information") shall be considered strictly confidential. Confidential Information shall not be disclosed by the Parties or their attorneys or agents to any person or entity not named as a Party in this Settlement Agreement, except (i) as necessary to officers, board or committee members, or personnel for reporting, approval, compliance, and implementation of the terms of the Settlement Agreement; (ii) to the Parties' accountants, attorneys, tax advisers, current or prospective lenders, or current or prospective investors or shareholders to whom disclosure is necessary; or (iii) as required by legal process.

c) If a Party is (i) subpoenaed in another action, (ii) served with a demand or request in another action to which they are a party, or (iii) served with any legal process by one not a party to this Settlement Agreement (the "Receiving Party"), seeking information or documents regarding this Settlement Agreement, the Receiving Party shall notify the other Party of the subpoena, demand, request, or legal process as soon as practicable after receiving it (at a minimum, such that the other Party receives notice at least ten (10) days before a response is due) so as to allow the other Party to seek protection from the relevant court(s) or tribunal(s). Such notice shall be provided pursuant to **Section 15**.

d) If any party commences, joins in, or in any manner seeks relief through any action, suit, or proceeding relating to, arising out of, or connected with this Settlement Agreement, the

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prevailing party or parties shall recover from the non-prevailing party or parties any and all damages caused to the prevailing party or parties including, but not limited to, all reasonable attorneys' fees.

e) This Settlement Agreement supersedes all prior negotiations and agreements among or between the Parties, and none of the Parties is relying on any understanding, promise, or agreement among or between any of the Parties other than those expressly set forth in this Settlement Agreement. Moreover, each of the Parties warrants that no promise or inducement has been made or offered except as referred to or stated in this Settlement Agreement, and that this Settlement Agreement is signed without reliance on any statement or representation by any of the Parties or any representative of any of the Parties concerning the nature or extent of damages or legal liability.

f) This Settlement Agreement may not be modified orally. It may be changed only by a writing signed by the Party(ies).

g) The Parties to this Settlement Agreement shall not assign or transfer any of their rights or obligations under this Agreement without the prior written consent of any other party, which consent shall not be unreasonably withheld, conditioned, or delayed, provided that SSLP and Fox may assign or transfer any of their rights or obligations under this Agreement to one another in their sole discretion. Any attempted assignment or transfer in violation of this section shall be null and void and of no effect. The prohibition on assignment shall not apply to any assignment or transfer by operation of law. Notwithstanding the foregoing, neither party may withhold consent in the event such assignment or transfer is necessary to fulfill the purposes of this Settlement Agreement.

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h) If any provision or term of this Settlement Agreement is declared or determined to be illegal or invalid, such illegality or invalidity shall not affect the remainder of this Settlement Agreement, and the illegal or invalid provision or term shall be deemed not to be a part of this Settlement Agreement.

i) No waiver of a breach of this Settlement Agreement is enforceable unless it is in writing signed by the Party(ies) to be charged. Any waiver of breach of any term of this Settlement Agreement shall not be deemed a waiver of any prior or subsequent breach.

4. DISPUTES AND ENFORCEMENT

a) The Parties agree that they will work cooperatively to resolve any issues, concerns, and/or disputes regarding the Parties' respective obligations under this Settlement Agreement. Accordingly, the Parties agree that any such issues, concerns, or disputes shall be put in writing and that the other Party shall be given thirty (30) days to respond in writing to such issues, concerns, or disputes, before any enforcement action can be commenced. Notice must be in writing and must be sent in accordance with **Section 15**.

b) TKPOA and/or TKWC has already expended funds in excess of the Settlement Payment to construct and bring online TKWC Well No. 4. By November 15, 2026, TKPOA and/or TKWC will supply a written confirmation that funds equal to or exceeding the Settlement Funds have been expended on Well No. 4.

TKPOA and TKWC agree to provide to the Regional Board, SSLP and Fox within a reasonable timeframe any additional information or clarification in their possession or control required to fulfill the purposes of this Settlement Agreement or the Stipulated CAO.

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5. REMEDIES IN EVENT OF BREACH.

a) If any Party hereto shall breach any covenant, warranty, representation, or condition of this Settlement Agreement, the other Parties shall have the right to seek to enforce this Settlement Agreement, to seek to set aside the Settlement Agreement, or, as set forth in **Section 12**, to bring an action in arbitration against the breaching party for declaratory relief and/or damages.

b) The Parties acknowledge and agree that a breach of this Settlement Agreement may cause irreparable harm for which monetary damages may be inadequate. Accordingly, in the event of any such breach or threatened breach, any Party shall be entitled to seek injunctive relief, specific performance, or other equitable remedies, in addition to any other remedies available at law.

6. NO ADMISSIONS.

The Parties agree that, to the fullest extent permitted by law, neither this Settlement Agreement nor the settlement, nor any act performed or document executed pursuant to or in furtherance of the settlement: (i) is or may be deemed to be or may be used as an admission of, or evidence of, the validity of the Claims, or (ii) is or may be deemed to be or may be used as an admission of, or evidence of, any wrongdoing, fault, omission, or liability of SSLP or Fox in any context, including in any proceeding in any court, administrative agency, or other tribunal. Nothing in this Paragraph shall preclude any Party to this Settlement Agreement from using it or any act performed or document executed pursuant to the Settlement Agreement in a proceeding to consummate, monitor, or enforce the Settlement Agreement.

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7. RESERVATION OF RIGHTS.

Each Party reserves all rights, Claims, and defenses, of every kind and type, that it has or may have, now or in the future, with respect to the issues, facts, or Claims addressed herein, against any person or entity not a party to this Settlement Agreement.

8. ENTIRE AGREEMENT; AMENDMENT.

This Settlement Agreement represents the sole and entire agreement between the Parties and supersedes all prior agreements, negotiations, discussions, and understandings, whether oral or in writing, between the Parties and/or their representatives. This Settlement Agreement cannot be changed or modified except in a writing signed by each of the Parties.

9. COUNTERPART EXECUTION.

This Settlement Agreement may be executed in any number of counterparts and will be final and binding upon signature of all Parties.

10. VOLUNTARY AGREEMENT.

The signatories hereto warrant and represent that each is executing this Settlement Agreement after having received full legal advice as to their respective rights from their attorneys. The Parties hereto further represent and declare that they have read this Settlement Agreement and know the contents thereof, and that they sign the same freely and voluntarily. Each Party respectively represents and warrants that it is fully authorized to enter into the terms and conditions of, and to execute and be bound by, this Settlement Agreement.

11. CONSTRUCTION OF SETTLEMENT AGREEMENT.

This Settlement Agreement is the product of negotiation and preparation by and among each Party and their respective attorneys. Therefore, the Parties acknowledge and agree that this

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Settlement Agreement shall not be deemed prepared or drafted by one Party or another and should be construed accordingly. This Settlement Agreement shall be construed as a whole according to its plain meaning.

12. SEVERABILITY.

In the event any one or more of the provisions contained in this Settlement Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalid, illegal, or unenforceable provision or part thereof shall be stricken from this Settlement Agreement, provided that the striking of such provision does not materially alter or impact any other provision of this Settlement Agreement. The Parties may elect in writing to replace the provision of the Settlement Agreement that is determined to be invalid, illegal, or unenforceable with a legal, enforceable, and valid provision that is as similar in tenor to the original provision as is legally possible.

13. GOVERNING LAW AND ARBITRATION.

This Settlement Agreement shall be interpreted in accordance with and governed in all respects by the laws of the State of California without regard to the choice of law provisions thereof. The Parties agree that any dispute relating to any aspect of this Settlement Agreement, including but not limited to this Settlement Agreement's formation, meaning, performance, or breach, including any claim for breach of **Section 3**, shall be submitted exclusively to final and binding arbitration in San Francisco, California before a mutually agreed upon arbitrator from JAMS in accordance with the Federal Arbitration Act, 9 U.S.C. § 1, *et seq*. Any arbitration hereunder shall be confidential. The arbitration will be administered by JAMS in accordance with its most current Comprehensive Dispute Resolution Rules and Procedures. The arbitrator shall resolve the dispute by means of written findings of fact and conclusions of law within thirty (30)

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days after the hearing is closed. In addition, and notwithstanding the Comprehensive Dispute Resolution Rules and Procedures or choice-of-law principles of any jurisdiction, the arbitrator shall be bound by and shall resolve any dispute in accordance with the substantive law of the State of California and all California rules relating to the admissibility of evidence, including, without limitation, all relevant privileges and the attorney work product doctrine. The arbitrators' award shall be final, non-appealable and binding upon the parties, subject only to the provisions of 9 U.S.C. § 10, and may be entered as a judgment in any court of competent jurisdiction.

14. WAIVER.

No breach of any provision hereof can be waived unless in writing. Waiver of any one breach of any provision thereof shall not be deemed to be a waiver of any other breach of the same or other provisions hereof.

15. CAPTIONS.

Section titles or captions contained herein are inserted as a matter of convenience and for reference, and in no way define, limit, extend or describe the scope of this Settlement Agreement or any provision thereof.

16. NOTICES.

All notices, requests, demands, and communications hereunder shall be made in writing and shall be deemed to have been duly given if hand delivered or by overnight delivery, independently documented, to the addresses set forth below. Additional courtesy copies shall be sent by email to the addresses below.

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If to TKPOA or TKWC:	If to SSLP:	If to Fox:
Tracey O'Reilly, Esq. Miller & Axline 1050 Fulton Avenue, Suite 100 Sacramento, CA 95825 toreilly@milleraxline.com	Stuart I. Block, Esq. Allen Matkins Three Embarcadero Center, Suite 2500 San Francisco, CA 94111 sblock@allenmatkins.com	Scott H. Reisch, Esq. Hogan Lovells Cadwalader US LLP 1601 Wewatta St., Suite 900 Denver, CO 80202 scott.reisch@hlc.com

17. EFFECTIVE DATE.

The "Effective Date" of this Settlement Agreement shall be the last date on which all of the following conditions precedent are met:

a) All of the Parties execute this Settlement Agreement; and

b) SSLP and Fox enter into a binding settlement agreement with: Lukins Brothers Water Company ("Lukins") to settle all claims by Lukins against SSLP and Fox related to the Regional PCE Contamination; and

c) The Stipulated CAO negotiated among Fox, SSLP, and the Regional Board becomes final and is not subject to further appeal.

EXECUTION

IN WITNESS WHEREOF, the Parties hereto have executed this Settlement Agreement as of the dates listed below.

DATE: OCTOBER 17, 2026

TAHOE KEYS PROPERTY OWNERS ASSOCIATION

Signed by:

BY: David Peterson
ITS: Board President

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DATE: OCTOBER __, 2026

TAHOE KEYS WATER COMPANY

_____

BY:
ITS:

DATE: OCTOBER __, 2026

10/18/2026

FOX CAPITAL MANAGEMENT CORPORATION

Signed by:
Lisa Cohn
5D397BC7C6AC430...

BY: Lisa Cohn
ITS: Authorized Signatory

DATE: OCTOBER __, 2026

10/18/2026

SEVEN SPRING LIMITED PARTNERSHIP, a Missouri limited partnership

By: Real Estate Management Associates, LLC, a Missouri limited liability company, its General Partner

By: Brendan Griffin Lyddon, Authorized Signatory

Signed by:
BRENDAN GRIFFIN LYDDON
37BC2986276F46F...

Brendan Griffin Lyddon

10/18/2026

By: Marlowe Griffin Lyddon, Authorized Signatory

Signed by:
F75D3AF078674F9...

Marlowe Griffin Lyddon

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EXHIBIT A

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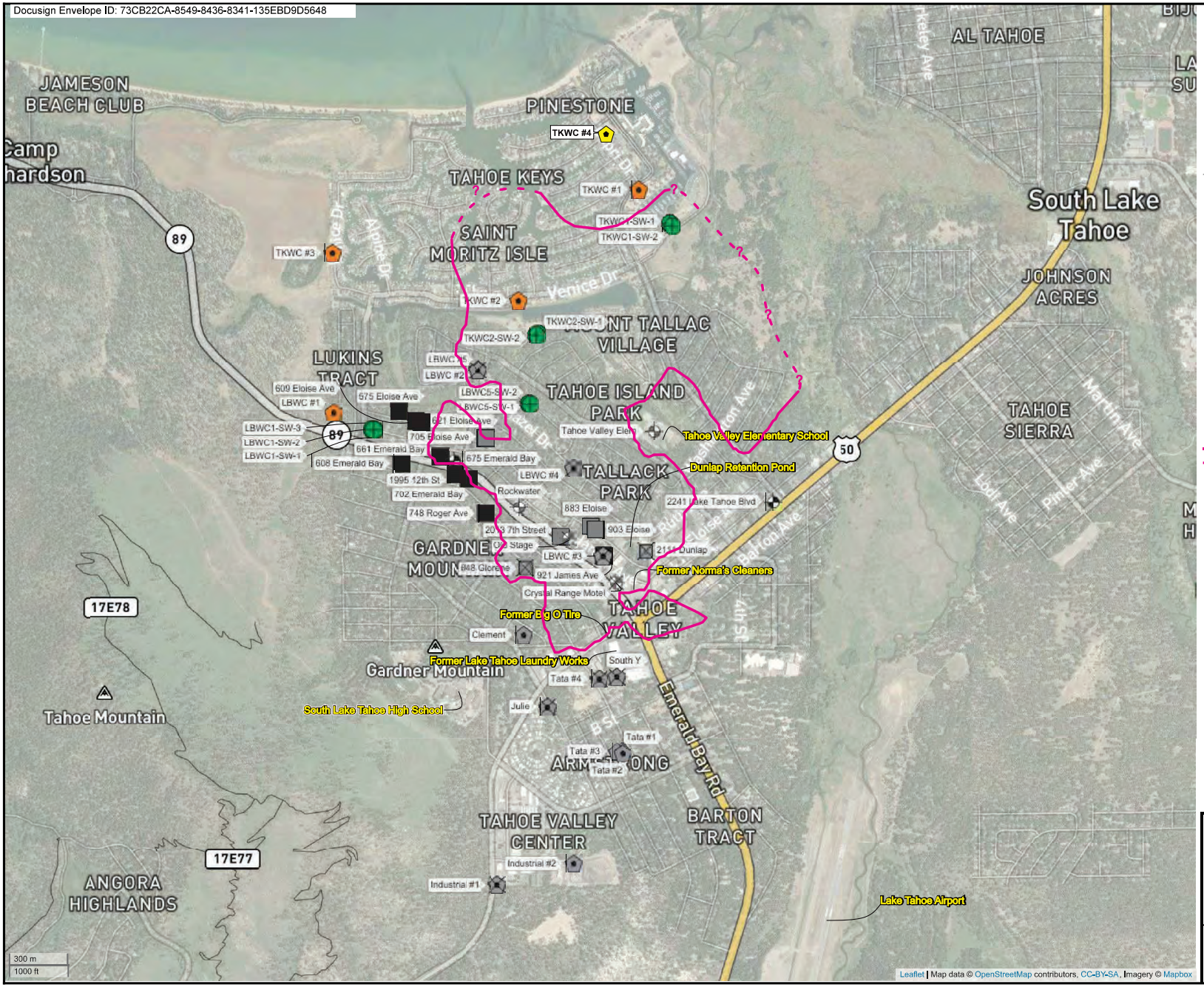

N

W E

S

Legend

- Active Private Supply Well
- Inactive Private Supply Well
- Destroyed Private Supply Well
- Active Small Community Well
- Inactive Small Community Well
- Destroyed Small Community Well
- Active Municipal Supply Well
- Inactive Municipal Supply Well
- Destroyed Municipal Supply Well
- Sentry Well
- Approximate PCE plume at 5 µg/L contour
- dashed where inferred
- Proposed WSW-M TKWC No 4

Notes:

-Presents the most recent PCE groundwater data since January 1, 2019.
-Excludes grab groundwater samples collected within 50 feet laterally of a monitoring well or sentry well screened over the same collection depth interval.
-Reports the maximum concentration when more than one result is available for a given day.
-Isoconcentration contours generated using inverse distance weighting (IDW) interpolation.

Latitude: 38.91926, Longitude: -120.01099

MUNICIPAL, SENTRY AND NON-MUNICIPAL WELL LOCATION MAP

Regional PCE Contamination
South Lake Tahoe, California

WEST Environmental Services & Technology

Figure 1-2

August 2026

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EXHIBIT B

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Assigned to Judge
STEVEN C. BAILEY

JUL 03 2016

FOR ALL PURPOSES

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San Francisco, CA 94105
Telephone: (415) 848-8850
Facsimile: (415) 974-6745

FILED
JUL 03 2017
EL DORADO CO. SUPERIOR COURT
BY S. L. Rippetoe
(DEPUTY CLERK)

Attorneys for Plaintiff LUKINS BROTHERS WATER COMPANY, INC.

SUPERIOR COURT OF THE STATE OF CALIFORNIA

COUNTY OF EL DORADO, SOUTH LAKE TAHOE BRANCH

LUKINS BROTHERS WATER COMPANY, INC., Plaintiff, vs. FOX CAPITAL MANAGEMENT CORPORATION; SEVEN SPRINGS LIMITED PARTNERSHIP; REAL ESTATE MANAGEMENT ASSOCIATES LLC; ENVIRONMENTAL ENGINEERING CONSULTING AND REMEDIATION, INC.; ALLIANCE LAUNDRY SYSTEMS LLC; and DOES 1-50, 51-100, 101-150, and 151-200 INCLUSIVE, Defendants.	CASE NO. COMPLAINT FOR DAMAGES, EQUITABLE, AND OTHER RELIEF: (1) NEGLIGENCE; (2) NUISANCE (MULTIPLE CLAIMS); (3) TRESPASS; (4) DECLARATORY RELIEF; (5) PRELIMINARY AND PERMANENT INJUNCTION AND ABATEMENT OF NUISANCE; (6) UNLAWFUL BUSINESS PRACTICES; AND (7) STRICT PRODUCTS LIABILITY (MULTIPLE CLAIMS). **JURY TRIAL DEMANDED**

Plaintiff LUKINS BROTHERS WATER COMPANY, INC. hereby alleges as follows, based on information and belief and investigation of counsel:

SUMMARY OF THE CASE

1. Plaintiff LUKINS BROTHERS WATER COMPANY, INC. ("Plaintiff") owns and operates a public water system that provides drinking water to residents, school children and businesses in the City of South Lake Tahoe, located in El Dorado County, California.

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2. The acts and omissions of the defendants named herein, and their predecessors in interest, have caused, and continue to cause, Plaintiff's groundwater supplies to become contaminated with the dry-cleaning solvent tetrachloroethylene ("PCE")[1] at dangerously high levels in excess of the State of California's established Maximum Contaminant Level of 5 micrograms per liter (µg/L), which is the maximum concentration of PCE permitted in drinking water supplied to the public.

3. To protect its customers from defendants' PCE contamination, Plaintiff has had to cease its use of contaminated groundwater wells and augment its remaining water supply with water purchased from a neighboring utility pending Plaintiff's installation of expensive treatment facilities to remove PCE from the groundwater.

4. After years of regulatory investigations in the vicinity of Plaintiff's service area, the only known source of PCE in area groundwater is the site of the former Lake Tahoe Laundry Works facility and adjacent common spaces, including the adjacent parking lot and sidewalks, where PCE was used and released (the "Site"). The Site is located in the northwest corner of the South Y Shopping Center, at 1024 Lake Tahoe Blvd, South Lake Tahoe, California, Assessors Parcel No. 023-430-32-100. The Site is approximately 9,000 feet south of Lake Tahoe. Plaintiff's service area and water system lies in between the Site and Lake Tahoe, in the path of contaminated groundwater that has and continues to migrate offsite from the Site toward Lake Tahoe and into the groundwater aquifer(s) tapped by Plaintiff's wells.

5. The defendants specifically named herein are current and former Site owners (and their successors in interest), their environmental consultant, and the manufacturer of defective dry cleaning equipment that was utilized at the Lake Tahoe Laundry Works facility and that released PCE or caused PCE to be released at the Site. Defendants' and their predecessors in interests' acts and omissions that created the PCE groundwater plume at the Site and/or allowed it to continue to migrate offsite are a substantial factor in causing the contamination of Plaintiff's groundwater supply.

[1] PCE is sometimes also referred to as perchloroethylene or tetrachloroethene.

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6. Plaintiff brings this action to recover against defendants all available damages and relief – including all costs Plaintiff has incurred and will incur as a result of the contamination, injunctive relief and declaratory relief – to ensure defendants bear the costs and burdens of the PCE contamination they caused and continue to cause, rather than Plaintiff and its customers.

THE PARTIES

7. Plaintiff – a California corporation with its principal place of business in South Lake Tahoe, California – is a privately owned water utility formed and existing under the laws of the State of California. Plaintiff is a community water system as defined in California Health and Safety Code section 116275(h). At all times relevant to this action, Plaintiff has owned and operated a public water system that includes, among other elements, drinking water production wells that draw from one or more groundwater aquifers, well sites, associated pumping appurtenances and distribution facilities and equipment (referred to collectively herein as Plaintiff's "Water System").

8. Plaintiff provides potable water through its Water System to roughly 967 service connections, serving a year-round population of approximately 3,191 people. Plaintiff's Water System includes the right of Plaintiff to extract and use groundwater from its wells to supply drinking water to the public. At all times relevant to this action, Plaintiff has had a significant property interest in the waters it extracts and uses from its wells. The past, present and continuing PCE contamination of such waters constitutes physical injury for which Plaintiff is entitled to, and Plaintiff hereby does, seek damages and other appropriate relief.

9. Defendant FOX CAPITAL MANAGEMENT CORPORATION ("FOX") is a California corporation with its principal place of business in Denver, Colorado. FOX, which was previously known by the name "Fox & Carskadon Financial Corporation," changed its name to "Fox Capital Management Corporation" in October 1986. At all times relevant to this action, FOX was the general partner of Century Properties Equity Fund 73 ("Century 73"), a California limited partnership that dissolved in the early 1990s. Century 73 owned the Site from approximately September 1974 to December 1985. During this time period, PCE was spilled, leaked, discharged, disposed of and/or otherwise released to soils underlying the Site, traveled

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down into groundwater and migrated offsite, and thereby substantially contributed to the PCE contamination of Plaintiff's groundwater supply. FOX has been investigating and/or addressing PCE contamination in soil and groundwater at the Site since at least 2008. As Century 73's general partner, FOX is jointly and severally liable for all of Century 73's obligations and liabilities; accordingly, hereafter, FOX and Century 73 will be jointly referred to as "FOX."

10. Defendant SEVEN SPRINGS LIMITED PARTNERSHIP ("SEVEN SPRINGS") is a Missouri limited partnership with its principal place of business in Kansas City, Missouri. SEVEN SPRINGS currently owns the Site and has owned the Site since 1996. During SEVEN SPRINGS' ownership, PCE contamination has continued to impact groundwater underlying the Site and migrate offsite, thereby substantially contributing to the PCE contamination of Plaintiff's groundwater supply. SEVEN SPRINGS has been aware of PCE contamination at the Site since at least 2003, and has been investigating and/or performing remedial activities at the Site since then.

11. Defendant REAL ESTATE MANAGEMENT ASSOCIATES LLC ("REMA") is a Missouri limited liability company with its principal place of business in Kansas City, Missouri. At all times relevant to this action REMA has been the general partner of defendant SEVEN SPRINGS. As SEVEN SPRINGS' general partner, REMA is jointly and severally liable for all of the obligations and liabilities of SEVEN SPRINGS.

12. Defendant ENVIRONMENTAL ENGINEERING CONSULTING AND REMEDIATION, INC., doing business as E_2C Remediation ("E_2C"), is a California corporation with its principal place of business in Roseville, California. Since at least 2008, E_2C has been involved in investigating and/or remediating soil and groundwater contamination associated with the Site on behalf of defendants FOX, SEVEN SPRINGS and REMA. During this time period, FOX, SEVEN SPRINGS, REMA and E_2C have failed to perform their remediation activities at the Site with reasonable care, thereby causing and/or permitting PCE groundwater contamination to continue to migrate offsite from the Site, thereby substantially contributing to the PCE contamination of Plaintiff's groundwater supply.

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13. Defendant ALLIANCE LAUNDRY SYSTEMS LLC ("ALLIANCE") is a Delaware limited liability company with its principal place of business in Ripon, Wisconsin. ALLIANCE was the manufacturer of a Speed Queen coin-operated dry-cleaning unit ("Speed Queen") that was located at the Site in the 1970s and used PCE as its dry-cleaning solvent. The Speed Queen unit was a Speed Queen On Premises Washer Extractor or a similar unit. Reasonably foreseeable usage of the Speed Queen, which included the delivery, loading, unloading, storage and transfer of PCE-containing dry cleaning solvents to, in and from the unit, including its solvent storage drum, caused PCE to spill, leak or otherwise be released or disposed of at the Site, including on the adjacent sidewalk and parking lot area. ALLIANCE's defective design of its Speed Queen product and failure to properly warn product owners and/or users – which included ALLIANCE's design of the product's solvent storage drum and associated parts and the warnings and instructions ALLIANCE provided and/or failed to provide to owners and users of its Speed Queen product – spills, leaks or other releases of PCE were inherent in the use of the Speed Queen product. Accordingly, ALLIANCE created or assisted in creating a system that caused PCE to be disposed of improperly, thereby contaminating soil and groundwater at the Site and substantially contributing to the PCE contamination of Plaintiff's groundwater supply.

14. DOES 1 through 50, inclusive, are (i) prior owners and/or operators of the Site, or (ii) current and/or former owners and/or operators of property in or around Plaintiff's service area who, on information and belief, spilled, leaked, discharged, disposed of, otherwise released PCE into the environment, and/or allowed PCE to continue to migrate towards Plaintiff's Water System, and thereby substantially contributed to the PCE contamination of Plaintiff's groundwater supply. DOES 1 through 50, along with FOX, SEVEN SPRINGS and REMA, are referred to collectively herein as "Property Owner/Operator Defendants."

15. DOES 51 through 100, inclusive, provided professional services to FOX, SEVEN SPRINGS and REMA regarding the remediation of PCE contamination at the Site and, in the process of doing so, failed to use reasonable care and thereby permitted PCE groundwater contamination to continue to migrate offsite from the Site, thereby substantially contributing to

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the PCE contamination of Plaintiff's groundwater supply. DOES 51 through 100, along with E_2C, are referred to collectively herein as "Consultant Defendants."

16. DOES 101 through 150, inclusive, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold of certain parts and products, including the Speed Queen and/or other dry cleaning equipment, which used, included, and/or constituted PCE as a cleaning solvent or ingredient. DOES 101 through 150, along with ALLIANCE, are referred to collectively herein as "Manufacturer Defendants." As a result of the defective design of their products and their failure to sufficiently warn owners and/or users of their products, spills, leaks or other releases of PCE were inherent in the use of their products. Accordingly, the Manufacturer Defendants created or assisted in creating systems that caused PCE to be disposed of improperly, thereby contaminating soil and groundwater at the Site and/or at other locations in the vicinity of Plaintiff's Water System, and substantially contributed to the PCE contamination of Plaintiff's groundwater supply.

17. DOES 151 through 200, inclusive, transported, delivered, offloaded, and/or unloaded PCE to or into the Speed Queen unit at the Site, and/or maintained and/or operated the Speed Queen unit, and, in doing so, caused PCE to spill, leak or otherwise be released or disposed of at the Site, thereby substantially contributing to the PCE contamination of Plaintiff's groundwater supply. DOES 151 through 200 are referred to collectively herein as "Transporter Defendants."

18. FOX, SEVEN SPRINGS, REMA, E_2C, ALLIANCE and DOES 1-50, 51-100, 101-150 and 151-200, inclusive, are referred to collectively herein as "Defendants."

19. When reference is made in this Complaint to any act or omission of any of the Defendants, it shall be deemed that the officers, directors, partners, agents, employees or representatives of the Defendants committed or authorized such act or omission, or failed to adequately supervise or properly control or direct their employees or agents while engaged in the management, direction, operation or control of the affairs of Defendants, and did so while acting within the scope of their duties, employment, partnership or agency.

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JURISDICTION AND VENUE

20. The California Superior Court has jurisdiction over this action pursuant to California Constitution Article VI, Section 10, which grants the Superior Court "original jurisdiction in all cases except those given by statute to other trial courts." The statutes under which this action is brought do not grant jurisdiction to any other trial court.

21. The California Superior Court has jurisdiction over Defendants because, based on information and belief, each is a corporation, limited partnership or other business that is incorporated in California, has sufficient minimum contacts in California and/or otherwise intentionally avails itself of the California market, so as to render the exercise of jurisdiction over it by California courts consistent with traditional notions of fair play and substantial justice.

22. Venue is proper in El Dorado County Superior Court because El Dorado County is where the injury at issue occurred and continues to occur and is where the property interest at issue is located.

BACKGROUND

A. Plaintiff's Groundwater Supply is Contaminated with PCE.

23. PCE – an anthropogenic chemical that does not occur naturally – has been commonly used as a dry cleaning solvent. According to California's State Water Resources Control Board ("State Board"), long-term exposure to PCE in drinking water at levels above the Maximum Contaminant Level can cause adverse health effects to the liver, kidneys and central nervous system. PCE exposure also may cause cancer, even at levels below the Maximum Contaminant Level. The U.S. Environmental Protection Agency classifies PCE as a probable human carcinogen.

24. PCE has been detected in certain of Plaintiff's groundwater wells (hereafter "Contaminated Wells") at levels that significantly exceed the State's Maximum Contaminant Level of 5 µg/L. The detection and/or presence of PCE, and the threat of further detection and/or presence of PCE, in the Contaminated Wells and in wells Plaintiff may acquire, use or construct in the future, in varying amounts and at varying times, has resulted in, and will continue to cause, significant injuries and damages to the Contaminated Wells and Plaintiff's Water System.

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25. On September 8, 2014, Plaintiff received Compliance Order No. 01-09-14R-001 from the State Board's Division of Drinking Water notifying Plaintiff that, due to the PCE Maximum Contaminant Level exceedences in certain of Plaintiff's Contaminated Wells, Plaintiff's water system was in violation of California Health and Safety Code Sections 116555(a)(1) and (3) and California Code of Regulations, Title 22, Sections 64444, 64445.1(c)(5)(C), 64554(a)(2) and (3), and 64554(c).

26. As a result of the PCE in Plaintiff's Contaminated Wells, and to protect its customers, Plaintiff has been forced to, among other things: (i) cease its use of the Contaminated Wells; (ii) purchase water from South Tahoe Public Utility District, which is delivered into Plaintiff's Water System via an emergency intertie, in order to supplement its limited remaining groundwater supply; (iii) expend significant time and resources investigating the nature, extent and potential impact of the PCE contamination in the groundwater aquifer(s) that supply(ies) Plaintiff's Contaminated Wells; (iv) expend significant time and resources investigating and pursuing treatment technologies to remove PCE from the Contaminated Wells; and (v) expend significant time and resources investigating and pursuing options for remediating the groundwater aquifer(s) that supply(ies) Plaintiff's Contaminated Wells.

B. Defendants Caused the PCE Contamination Impacting Plaintiff's Groundwater.

27. Following years of regulatory investigations, the only known source of PCE in groundwater in the vicinity of Plaintiff's Water System is the Site. Groundwater flow in the vicinity of the Site fluctuates from the northwest to the northeast. Plaintiff's Water System and Contaminated Wells are hydraulically downgradient from the Site. PCE groundwater contamination has, and continues to, migrate offsite from the Site into Plaintiff's groundwater supplies and Contaminated Wells. The Site is a substantial factor in contaminating Plaintiff's groundwater supplies and causing the PCE Maximum Contaminant Level violations in Plaintiff's Contaminated Wells.

28. The South Y Shopping Center, where the Site is located, opened for business in approximately 1972. From approximately 1972 through 1979, the Speed Queen dry cleaning unit operated at the Site. The Speed Queen included a storage drum that held the PCE-

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containing dry-cleaning solvents used by the machine. Reasonably foreseeable routine usage of the Speed Queen, which included the delivery, loading, unloading, storage and transfer of PCE-containing dry cleaning solvents to, in and from the unit, including its solvent storage drum, caused PCE to spill, leak or otherwise be released or disposed of at the Site, including on the adjacent parking lot and sidewalks.

29. FOX owned the South Y Shopping Center and Site from approximately September 1974 to December 1985. During this time, up through approximately 1979, FOX knew or should have known that the Speed Queen unit was operating at the Site. Despite this, FOX, among other things, allowed the sidewalks and pavement at the Site to significantly deteriorate, thereby allowing PCE discharges from the Speed Queen and its appurtenances to reach soil and, ultimately, groundwater.

30. At all times relevant to this action, Defendants knew or should have known that spilling, leaking, discharging, disposing of and/or otherwise releasing dry cleaning solvents, including PCE, into the environment can lead to soil and groundwater contamination and pose a grave threat to public health and the environment, especially when the release occurs in proximity to public water supply wells.

31. At all times relevant to this action, the Property Owner/Operator Defendants, Manufacturer Defendants and Transporter Defendants knew or should have known that a failure to recommend, warn, mandate, construct and/or maintain impermeable structures around locations and equipment where PCE solvents were used and/or handled, such as the Speed Queen unit and related transfer points for solvent deliveries to and from that unit, created an unreasonable risk that soil and groundwater contamination would result.

32. At all times relevant to this action, when they owned the Site, FOX and SEVEN SPRINGS (and REMA) were and/or have been responsible for maintaining the Site's common areas, including sidewalks and parking lots, and have had the power and responsibility to exercise sufficient control over their real property and its tenants to prevent and/or minimize the release of PCE solvents into the environment and the continued offsite migration of the PCE contamination from the Site, but failed to do so.

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33. SEVEN SPRINGS has owned the South Y Shopping Center and Site since approximately 1996. Between 2003 and 2008, SEVEN SPRINGS' and REMA's consultant conducted site investigations at the Site, which demonstrated that the Site was a source of PCE soil and groundwater contamination.

34. In 2010, FOX, SEVEN SPRINGS and REMA, through their consultant E_2C, began remediation activities at the Site to remove PCE from site soil and groundwater. Unfortunately, the insufficient remediation measures undertaken by FOX, SEVEN SPRINGS, REMA and E_2C since 2010, and their failure to employ any remediation measures whatsoever during a several month period in 2013, have allowed PCE groundwater contamination to continue to migrate offsite from the Site, impact Plaintiff's groundwater supplies, and contaminate and/or continue to threaten Plaintiff's Contaminated Wells.

35. At all times relevant to this action, FOX, SEVEN SPRINGS, REMA, E_2C and the other Consultant Defendants knew or should have known that their failure to properly remediate the Site and resulting failure to prevent additional PCE groundwater contamination from migrating offsite would pose a grave threat to public health and the environment, especially given the proximity of multiple public water supply wells.

36. At all times relevant to this action, the Defendants, and each of them, knew or should have known that feasible measures could have been implemented to remove or substantially reduce the potential that their acts or omissions could result in the discharge, spillage, leakage, disposal, continued offsite migration and/or otherwise release of PCE into the environment, but failed to implement such measures.

C. Defendants' PCE Contamination Has Harmed and Continues to Harm Plaintiff.

37. The PCE contamination in Plaintiff's groundwater supply and in Plaintiff's Contaminated Wells at levels above the Maximum Contaminant Level has caused, and will continue to cause, significant physical injury to Plaintiff's property, and has caused, and will continue to cause, Plaintiff to sustain significant damages.

38. The injuries to Plaintiff's property and resulting damages sustained by Plaintiff caused by Defendants' conduct, as alleged herein, constitute an unreasonable interference with,

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and physical damage to, the limited subterranean supplies of fresh drinking water on which Plaintiff's Contaminated Wells and Water System depend. Plaintiff's interest in protecting the quality of its limited drinking water supplies warrants and constitutes a personal reason, for seeking damages and injunctive relief sufficient to restore such drinking water supplies to their pre-contamination condition.

39. As a proximate cause of Defendants' acts and/or omissions, Plaintiff has suffered, and will suffer, substantial injuries that include, but are not limited to: (i) an interference with Plaintiff's use of its property interest in the water pumped by its Contaminated Wells and the real property on which the wells are located; (ii) physical damage to water and real property over which Plaintiff has possessory interests; (iv) the past, current, and future costs associated with Plaintiff's contaminated groundwater supply and loss of use of its Contaminated Wells and the resulting well closures and need to temporarily purchase replacement water from South Tahoe Public Utility District; and (v) the costs of restoring Plaintiff's contaminated water to its pre-contamination condition by, for example, removing or reducing PCE via wellhead treatment (including engineering, capital and operations and maintenance costs).

40. At all times relevant to this action, PCE spilled, leaked, discharged, disposed of, otherwise released and/or allowed to continue to migrate offsite by Defendants caused and/or was a substantial factor in causing the PCE contamination of Plaintiff's Contaminated Wells and groundwater supply.

41. This injury to Plaintiff's property caused by Defendants' acts and omissions is of an indivisible nature, rendering Defendants, and each of them, jointly and severally liable for the damages and relief sought herein.

42. Plaintiff is informed and believes and based thereon alleges that it has suffered damages in excess of $25,000.

FIRST CAUSE OF ACTION
(Negligence Against All Defendants)

43. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

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44. FOX, SEVEN SPRINGS, REMA, and the other Property Owner/Operator Defendants, and each of them, had a duty and breached their duty to use reasonable care in their ownership, operation, construction, design and/or maintenance of the Site and/or other properties in the vicinity of Plaintiff's Water System.

45. FOX, SEVEN SPRINGS, REMA, E_2C and the other Consultant Defendants, and each of them, had a duty and breached their duty to use reasonable care in their design, implementation, recommendation and/or operation of remediation activities at the Site.

46. ALLIANCE and the other Manufacturer Defendants, and each of them, had a duty and breached their duty to use reasonable care in their design, manufacture, formulation, promotion, marketing, distribution, and/or sale of certain parts and products, including the Speed Queen and/or other dry cleaning equipment, which used, included, and/or constituted PCE as a cleaning solvent or ingredient ("PCE Products").

47. The Transporter Defendants, and each of them, had a duty and breached their duty to use reasonable care in their transport, delivery, offloading, and/or unloading of PCE to or into the Speed Queen unit at the Site and/or their maintenance and/or operation of the Speed Queen unit.

48. In breaching their duty to use reasonable care, Defendants, and each of them, acted negligently, carelessly and/or recklessly and, as a result, PCE was spilled, leaked, discharged, disposed of, otherwise released and/or allowed to continue to migrate, thereby causing the contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them. In light of the special hazards and environmental risks associated with the handling and release of PCE, Defendants were engaged in extremely dangerous activities where the risk of harm was so great that their failure to use extreme caution, in addition to their failure to use reasonable care, constitutes a breach of their aforementioned duties.

49. At all times relevant herein, the PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them were a foreseeable consequence of Defendants' acts and omissions.

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50. As a direct and proximate result of Defendants' negligent acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

SECOND CAUSE OF ACTION
(Continuing Private Nuisance Against All Defendants)

51. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

52. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including the groundwater it extracts from its Contaminated Wells.

53. The negligent, reckless, intentional and/or ultrahazardous acts and omissions of the Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance under California Civil Code §§ 3479 and 3481. Each such Defendant has caused, maintained, assisted and/or participated in such nuisance, and is a substantial contributor to such nuisance.

54. The Defendants have caused and/or permitted the nuisance to Plaintiff's Contaminated Wells and the groundwater that supplies them as a result of their unnecessary, unreasonable, and injurious acts and omissions, as alleged herein.

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55. The nuisance caused, contributed to, maintained, assisted in and/or participated in by the Defendants, and each of them, has caused substantial injury to Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance alleged herein has and continues to substantially and unreasonably interfere with, obstruct, and/or disturb Plaintiff's right to extract, use, and enjoy groundwater from its Contaminated Wells.

56. Plaintiff did not consent to the Defendants' acts and omissions, as alleged herein, which constitute a nuisance.

57. An ordinary person would be reasonably annoyed and/or disturbed if, as has happened to Plaintiff, the Defendants' acts and omissions caused his/her/its drinking water supply to become contaminated to the point where it could no longer be used.

58. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

59. In creating the nuisance alleged herein, the Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

60. The gravity of the harm to Plaintiff caused by the Defendants' contamination outweighs the public benefit of the Defendants' conduct.

61. As a direct and proximate result of the Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be

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proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, through this Second Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

62. Unless Defendants, and each of them, abate the nuisance that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

THIRD CAUSE OF ACTION

(Continuing Public Nuisance With Special Injury Against All Defendants)

63. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

64. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including the groundwater it extracts from its Contaminated Wells.

65. The negligent, reckless, intentional, and/or ultrahazardous acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance under California Civil Code §§ 3479, 3480, and 3493. Each such Defendant has caused, maintained, assisted and/or participated in such nuisance, and is a substantial contributor to such nuisance.

66. The Defendants have caused and/or permitted the nuisance to Plaintiff's Contaminated Wells and the groundwater that supplies them as a result of their unnecessary, unreasonable, and injurious acts and omissions, as alleged herein

67. The nuisance caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, affects at the same time an entire community and/or a considerable number of persons, in that, among other things, (i) the nuisance perpetrated by Defendants has caused harm to waters of the State of California, which are a quintessential public resource; and (ii) Defendants' pollution has fouled a source of public drinking water used

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by approximately 3,191 people with harmful levels of a toxic compound, and thus created a significant risk to public health.

68. The nuisance caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, is especially injurious to Plaintiff, who has suffered harm that is different from the type of harm suffered by others, as the nuisance has contaminated Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance alleged herein has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's right to extract, use and enjoy groundwater from its Contaminated Wells.

69. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance.

70. An ordinary person would be reasonably annoyed and/or disturbed if, as has happened to Plaintiff, Defendants' acts and omissions caused his/her/its drinking water supply to become contaminated to the point where it could no longer be used.

71. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

72. In creating the nuisance alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

73. The gravity of the harm to Plaintiff caused by Defendants' contamination outweighs the social utility of Defendants' conduct.

74. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has

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suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this Third Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

75. Unless Defendants, and each of them, abate the nuisance that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

FOURTH CAUSE OF ACTION
(Continuing Private Nuisance *Per Se* Against All Defendants)

76. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

77. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including its Contaminated Wells.

78. The negligent, reckless, intentional and/or ultrahazardous acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance pursuant to State statutes and regulations – including but not limited to California Water Code § 13050(m) and California Health & Safety Code § 5410(f) – which set a standard of care or conduct to protect public health and the environment. Each Defendant has caused, maintained, assisted and/or participated in the aforementioned nuisance *per se*, and is a substantial contributor to such nuisance.

79. Based on Defendants' aforementioned statutory and regulatory violations, Defendants' acts and omissions, as alleged herein, constitute nuisance *per se*. Plaintiff's investigation and discovery are not yet complete and, therefore, Plaintiff will seek leave of Court

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to amend the complaint to allege additional violations or, in the alternative, to give notice to Defendants of any additional statutory violations, when determined.

80. The damage resulting from Defendants' statutory and regulatory violations is of the type the statutes and regulations were designed to prevent. Plaintiff is and has been a member of a class of persons intended to be protected under said statutes and regulations.

81. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, has caused substantial injury to Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance *per se* alleged herein has and continues to substantially and unreasonably interfere with, obstruct, and/or disturb Plaintiff's right to extract, use, and enjoy groundwater from its Contaminated Wells. Plaintiff is specially and adversely affected by the nuisance.

82. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance *per se*.

83. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

84. In creating the nuisance *per se* alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

85. The gravity of the harm to Plaintiff caused by the Defendants' contamination outweighs the public benefit of the Defendants' conduct.

86. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has

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suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this Fourth Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

87. Unless Defendants, and each of them, abate the nuisance *per se* that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

FIFTH CAUSE OF ACTION

(Continuing Public Nuisance *Per Se* With Special Injury Against All Defendants)

88. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

89. Plaintiff is the owner of land, easements and water rights which permit it to extract groundwater for use in its Water System, including its Contaminated Wells.

90. The negligent, reckless, intentional and/or ultrahazardous acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them by PCE, and constitutes a nuisance pursuant to State statutes and regulations – including but not limited to California Water Code § 13050(m) and California Health & Safety Code § 5410(f) – which set a standard of care or conduct to protect public health and the environment. Each Defendant has caused, maintained, assisted and/or participated in the aforementioned nuisance *per se*, and is a substantial contributor to such nuisance.

91. Based on Defendants' aforementioned statutory and regulatory violations, Defendants' acts and omissions, as alleged herein, constitute nuisance *per se*. Plaintiff's investigation and discovery are not yet complete and, therefore, Plaintiff will seek leave of Court

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to amend the complaint to allege additional violations or, in the alternative, to give notice to Defendants of any additional statutory violations, when determined.

92. The damage resulting from Defendants' statutory and regulatory violations is of the type the statutes and regulations were designed to prevent. Plaintiff is and has been a member of a class of persons intended to be protected under said statutes and regulations.

93. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, affects at the same time an entire community and/or a considerable number of persons, in that, among other things, (i) the nuisance perpetrated by Defendants has caused harm to waters of the State of California, which are a quintessential public resource; and (ii) Defendants' pollution has fouled a source of public drinking water used by approximately 3,191 people with harmful levels of a toxic compound, and thus created a significant risk to public health.

94. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, is especially injurious to Plaintiff, who has suffered harm that is different from the type of harm suffered by others, as the nuisance has contaminated Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The nuisance *per se* alleged herein has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's right to extract, use and enjoy groundwater from its Contaminated Wells.

95. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance *per se*.

96. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

97. In creating the nuisance *per se* alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

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98. The gravity of the harm to Plaintiff caused by Defendants' contamination outweighs the social utility of Defendants' conduct.

99. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this Fifth Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

100. Unless Defendants, and each of them, abate the nuisance *per se* that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

SIXTH CAUSE OF ACTION
(Continuing Trespass Against All Defendants)

101. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

102. Plaintiff is the owner and actual possessor of its Water System, which includes drinking water production wells, including Plaintiff's Contaminated Wells. Plaintiff owns, possesses and actively exercises rights to extract and use groundwater drawn from its wells.

103. Through Defendants', and each of their, negligent, reckless and/or intentional acts and omissions, as alleged herein, Defendants proximately caused PCE to enter, invade, intrude

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upon, and injure Plaintiff's possession of property, by contaminating Plaintiff's Contaminated Wells and the groundwater that supplies them.

104. Plaintiff has not consented to, and does not consent to, the contamination alleged herein. Defendants, and each of them, knew or reasonably should have known that Plaintiff would not consent to this trespass.

105. The trespass caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, has caused substantial injury to Plaintiff's Contaminated Wells and the groundwater that supplies them, in which Plaintiff has a significant, possessory property interest. The trespass alleged herein constitutes a physical invasion of Plaintiff's property and has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's property interest in the groundwater drawn by its Contaminated Wells.

106. The contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's Contaminated Wells and the groundwater that supplies them. The contamination alleged herein is reasonably abatable.

107. In creating the trespass alleged herein, Defendants, and each of them, acted with full knowledge of the consequences and damages that would foreseeably be caused by their acts and omissions.

108. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such

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damages, and, under this Sixth Cause of Action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property.

109. Unless Defendants, and each of them, abate the trespass that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's Contaminated Wells and the groundwater that supplies them.

110. Due to Defendants' trespass, as alleged herein, Plaintiff is entitled to damages pursuant to California Civil Code § 3334, which include the value of the use of the property at issue for the duration of the wrongful occupation, the reasonable cost of repair or restoration of the property to its original condition, and the costs, if any, of recovering the possession.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

SEVENTH CAUSE OF ACTION
(Declaratory Relief Against All Defendants)

111. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

112. An actual controversy has arisen and now exists between Plaintiff and Defendants, and each of them, concerning the parties' respective obligations and liabilities arising from the presence of PCE contamination in Plaintiff's Contaminated Wells and the groundwater that supplies them and the attendant hazards posed thereby to the public and environment. Plaintiff contends and Defendants deny that Defendants have obligations and potential obligations under law for:

a) the costs that will be incurred for future investigation, characterization, treatment, removal, replacement and/or remediation activities; and

b) such other and further costs and liabilities as hereafter arise from the presence of PCE contamination in Plaintiff's Contaminated Wells and the groundwater that supplies them.

113. Unless a judicial declaration is issued, setting forth the parties' rights and obligations with respect to the costs, damages, and liabilities identified above, a multiplicity of actions will result. Plaintiff therefore requests a judicial determination of the rights, duties, and

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obligations of the parties with respect to the costs, damages, duty to defend, and liabilities identified above.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

EIGHTH CAUSE OF ACTION
(Preliminary and Permanent Injunction and Abatement of Nuisance Against All Defendants)

114. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

115. To date, the PCE that, through Defendants' acts and omissions, was spilled, leaked, discharged, disposed of, otherwise released, and/or allowed to migrate offsite, which has caused the PCE contamination to Plaintiff's Contaminated Wells and the groundwater that supplies them, as alleged herein, has not been removed or the property at issue remediated, and the nuisance has not been abated by the Defendants.

116. Plaintiff is informed and believes, and based thereon alleges, that Defendants, and each of them, will not abate such nuisance unless affirmatively required to do so by an order of this Court requiring such abatement or by preliminary or permanent injunction herein.

117. Unless Defendants, and each of them, are so ordered by this Court, PCE that Defendants released into the subsurface will continue to leach into the aquifer that supplies Plaintiff's Contaminated Wells, migrate downgradient in the direction of Plaintiff's Water System, and contaminate Plaintiff's Contaminated Wells and the groundwater that supplies them for years and/or decades to come, substantially increasing Plaintiff's long-term treatment costs and other damages.

118. Plaintiff has no plain, speedy, or adequate remedy at law, and injunctive relief is expressly authorized by Code of Civil Procedure §§ 526 and 731. Accordingly, Plaintiff requests that the Court issue an injunction directing Defendants, and each of them, to abate the nuisance and trespass that they have caused, as alleged herein. Defendants, and each of them, are jointly and severally liable for providing all such relief, and Plaintiff is entitled to recover all such relief in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

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NINTH CAUSE OF ACTION

(Unlawful Business Practices Pursuant to Business & Professions Code §§ 17200 et seq.)

119. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

120. Plaintiff has standing to pursue this claim because Plaintiff has suffered injury in fact and has suffered damage to its property as a result of Defendants' unlawful business practices.

121. Through their acts and omissions, as alleged herein, Defendants, and each of them, violated California statutes and regulations, including but not limited to the following: California Water Code §§ 13050 and 13350; California Health & Safety Code §§ 5410 and 5411; and California Fish & Game Code § 5650. All such violations have occurred in connection with and/or as a result of the Defendants' normal business activities, rendering them unlawful business practices within the meaning of California's Unfair Competition Laws, pursuant to California Business & Professions Code §§ 17200 et seq.

122. As a direct, proximate, and foreseeable result of Defendants' wrongful conduct, as alleged herein, Defendants' business acts, omissions, and/or practices have caused injury to Plaintiff and the public, and Plaintiff is entitled to relief.

123. As a result of the violation by the Defendants, and each of them, of California's Unfair Competition Laws, Plaintiff is entitled to the injunctive relief requested herein.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter

TENTH CAUSE OF ACTION

(Strict Products Liability Based On Defective Design Against The Manufacturer Defendants)

124. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

125. The Manufacturer Defendants, and each of them, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold PCE Products.

126. The Manufacturer Defendants, and each of them, knew that such PCE Products were to be purchased and used without inspection for defects.

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127. PCE used in or in connection with PCE Products purchased or otherwise acquired (directly or indirectly) from the Manufacturer Defendants, and each of them, by the Property Owner/Operator Defendants, or others, was spilled, leaked, discharged, disposed of, and/or otherwise released at the Site and/or in the vicinity of Plaintiff's Water System.

128. The PCE Products purchased by the Property Owner/Operator Defendants and/or others were used (or misused) in a reasonably foreseeable manner and without substantial change in the condition of such Products.

129. The Manufacturer Defendants' PCE Products used in the vicinity of Plaintiff's Water System, including at the Site, were defective in design and unreasonably dangerous products because, among other things:

(a) Leaks, spills and releases of PCE were inherent in the normal, foreseeable uses (and misuses) of such PCE Products, including the transportation, loading, unloading, storage, and handling of such products.

(b) Use of PCE Products in their intended and/or in a reasonably foreseeable manner caused or resulted in the spillage, discharge, disposal or release of PCE into or onto the environment.

(c) PCE, when released into the environment, causes extensive groundwater contamination, which is extremely expensive to remediate, and poses a substantial risk to public health.

130. At all times relevant to this action, PCE Products were dangerous to an extent beyond that which would be contemplated by the ordinary consumer when those PCE Products were used or misused in an intended or reasonably foreseeable way, and/or the risk of harm to public health and welfare and the environment posed by PCE outweighed the cost to the Manufacturer Defendants of reducing or eliminating such risk.

131. As a direct and proximate result of the PCE Product defects previously described, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct

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and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial.

132. The Manufacturer Defendants are strictly, jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

ELEVENTH CAUSE OF ACTION
(Strict Products Liability Based On Failure To Warn Against The Manufacturer Defendants)

133. Plaintiff realleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs.

134. The Manufacturer Defendants, and each of them, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold PCE Products.

135. The Manufacturer Defendants, and each of them, knew that such PCE Products were to be purchased and used without inspection for defects.

136. PCE Products purchased or otherwise acquired (directly or indirectly) from the Manufacturer Defendants, and each of them, by the Property Owner/Operator Defendants, or others, were spilled, leaked, discharged, disposed of, otherwise released, and/or allowed to migrate offsite from the Site in the vicinity of Plaintiff's Water System.

137. The PCE Products purchased by the Property Owner/Operator Defendants, or others, were used (or misused) in a reasonably foreseeable manner and without substantial change in the condition of such products.

138. Leaks, spills and releases of PCE were also inherent in the normal, foreseeable uses (or misuses) of such PCE Products, including the transportation, loading, unloading, storage, and handling of such products.

139. The Manufacturer Defendants knew, or should have known, that use of PCE Products in their intended and/or in a reasonably foreseeable manner would result in the spillage,

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discharge, disposal or release of PCE into or onto the environment, thereby causing contamination that poses a substantial risk to public health.

140. The PCE Products used in the vicinity of Plaintiff's Water System were defective in design and unreasonably dangerous products for the reasons set forth in paragraph 129 above, among other things.

141. Ordinary consumers would not have recognized the potential risks associated with the reasonably foreseeable uses of PCE Products.

142. Despite the known and/or foreseeable environmental and human health hazards associated with the use and release of PCE Products in the vicinity of subterranean drinking water supplies, including contamination of public drinking water supplies with PCE, the Manufacturer Defendants, and each of them, failed to provide adequate warnings of, or take other sufficient precautionary measures to mitigate, those hazards.

143. In particular, the Manufacturer Defendants failed to adequately describe such hazards or provide sufficient precautionary statements regarding such hazards in the labeling of and/or warnings provided with their PCE Products or otherwise.

144. As a direct and proximate result of the defects previously described, Plaintiff's Contaminated Wells and the groundwater that supplies them have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial.

145. The Manufacturer Defendants are strictly, jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

WHEREFORE, Plaintiff prays judgment against Defendants as set forth hereafter.

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PRAYER FOR RELIEF

WHEREFORE, Plaintiff respectfully requests a trial of this Action before a jury, to the extent possible, and that, upon a favorable verdict, this Court enter judgment in favor of Plaintiff and against Defendants, jointly and severally, as follows:

a. An award of compensatory and consequential damages, according to proof, including, but not limited to, an award of the necessary costs heretofore incurred, and that will be reasonably incurred in the future, by Plaintiff in responding to the PCE contamination alleged herein, according to proof;

b. An award of damages pursuant to California Civil Code § 3334, according to proof;

c. An order granting Plaintiff the declaratory relief requested herein;

d. An order granting Plaintiff the injunctive relief and abatement sought herein;

e. An order granting Plaintiff its costs in prosecuting this action, according to proof;

f. An order awarding Plaintiff its reasonable attorneys' fees in prosecuting this action, according to proof, including but not limited to attorneys fees pursuant to California Code of Civil Procedure § 1021.5;

g. An order awarding Plaintiff prejudgment interest to the full extent permitted by law;

h. An order permitting the Court to retain jurisdiction over this action after entry of the requested equitable relief for the purpose of granting further relief as may be necessary and/or proper to effectuate the will of the Court; and

i. Such other and further relief as the Court may deem just and proper.

DATED: July 3, 2017

ROBINS BORGHEI LLP

By: _____
TODD E. ROBINS
JED J. BORGHEI
COREY M. MOFFAT

Attorneys for Plaintiff,
LUKINS BROTHERS WATER COMPANY, INC.

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BY W. Warden
(DEPUTY CLERK)

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Attorneys for Plaintiff TAHOE KEYS PROPERTY OWNERS ASSOCIATION

SUPERIOR COURT OF THE STATE OF CALIFORNIA

IN AND FOR THE COUNTY OF EL DORADO

TAHOE KEYS PROPERTY OWNERS ASSOCIATION, Plaintiff, vs. FOX CAPITAL MANAGEMENT CORPORATION; SEVEN SPRINGS LIMITED PARTNERSHIP; REAL ESTATE MANAGEMENT ASSOCIATES LLC; and DOES 1-150 inclusive; Defendants.	Case No. SC20180053 COMPLAINT FOR DAMAGES (1) NEGLIGENCE; (2) CONTINUING PRIVATE NUISANCE; (3) CONTINUING PRIVATE NUISANCE PER SE; (4) CONTINUING PUBLIC NUISANCE; (5) CONTINUING PUBLIC NUISANCE PER SE; (6) CONTINUING TRESPASS; (7) DECLARATORY RELIEF; (8) UNLAWFUL BUSINESS PRACTICE; (9) STRICT PRODUCTS LIABILITY (Multiple Counts)

BY FAX

Plaintiff TAHOE KEYS PROPERTY OWNERS ASSOCIATION hereby alleges based on information and belief as follows:

GENERAL ALLEGATIONS

1. After years of investigations, the Lahontan Regional Water Quality Control Board concluded in 2017 that the only confirmed source of the PCE contamination in the "South Y area" of South Lake Tahoe was the former laundry and dry cleaning facility, Lake Tahoe Laundry Works, ("Site"). Located on the northwest corner of the South Y Shopping Center, at 1024 Lake Tahoe Blvd., the Site is located approximately 9,000 feet south of Lake Tahoe and approximately 5,500

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feet south of the property and/or property interest of the Tahoe Keys Property Owners Association, which owns and operates its own water system. A laundromat operated at the Site, which also provided dry cleaning. The Site featured a dry cleaning unit that used the dry cleaning solvent, Perchloroethylene, otherwise known as Tetrachloroetheyle or "PCE" from approximately 1972 to 1979.

2. PCE is a toxic solvent which was the most widely used dry cleaning chemical in the United States. In 1978, the National Institute for Occupational Safety Hazards (NIOSH) recommended that PCE be handled as if it were a human carcinogen. In 1984, when the Resources Conservation Recovery Administration (RCRA) was reauthorized, the federal government brought small dry cleaners using PCE under the same requirements as major hazardous waste sources because of the inherent dangers in the use and disposal of PCE. In 2007, the California Air Resources Board adopted regulations that will eventually phase out the use of PCE in dry cleaning by 2023.

3. Long-term exposure to PCE in drinking water can cause adverse health effects to the liver, kidneys and central nervous system and may even cause cancer, according to California's State Water Resources Control Board ("Board"). The U.S. Environmental Protection Agency classifies PCE as a probable human carcinogen. The solvent has reportedly contaminated one in 10 wells in California.

4. Plaintiff has found PCE contamination in its drinking water wells. The detection and/or presence of PCE, and the threat of further detection and/or presence of PCE, in its contaminated wells and in wells Plaintiff may acquire, use or construct in the future, has resulted in, and will continue to cause, injuries and damages to Plaintiff's water system.

5. The State of California Department of Public Health in 2009 informed Plaintiff that its water system was in violation of California Health and Safety Code after one of its wells had become contaminated with PCE. As a result, Plaintiff had to design and install an activated carbon system to treat the contaminated water and is still incurring costs and damages for that treatment in the foreseeable future.

6. Since that time, PCE contamination has been detected in a second drinking water

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well, which has and will continue to cause damage to Plaintiff's water system. As a result of the continuing contamination and to protect its customers, Plaintiff has spent significant time and resources investigating and pursuing treatment technologies to remove PCE from the contaminated wells; and for remediating the water aquifer(s) that supply(ies) Plaintiff's contaminated wells.

7. The Site is the only identified source of PCE in the water in and around and near Plaintiff's water system. Water flow from the Site fluctuates from the northwest to the northeast depending on the season and on pumping from local wells. Because Plaintiff's water system including its wells are hydraulically downgradient from the Site, PCE water contamination has, and continues to, migrate offsite from the Site into Plaintiff's water supplies and contaminated wells.

8. At all times relevant to this action, PCE that has been spilled, leaked, discharged, disposed of, or otherwise released and/or allowed to continue to migrate offsite has caused and/or was a substantial factor in causing the PCE contamination of Plaintiff's water supply and wells.

9. The defendants named herein, and their predecessors in interest, have caused, and continue to cause Plaintiff's water supplies to become contaminated with PCE. The defendants' acts or omissions have caused a PCE water plume at the Site, which has been a substantial factor in causing the contamination of Plaintiff's water supply. The plume has migrated and continues to migrate offsite toward Lake Tahoe and into the water aquifer(s) from where Tahoe Keys draws its drinking water supply.

THE PARTIES

10. Plaintiff TAHOE KEYS PROPERTY OWNERS ASSOCIATION ("Plaintiff") provides drinking water to homeowners, local businesses and residents in the City of South Lake Tahoe, located in El Dorado County, California. As a non-profit California corporation with its principal place of business in South Lake Tahoe, California, it provides water to the residents of Tahoe Keys, the Tahoe Keys Village, the Tahoe Keys Beach & Harbor Association and Pope Beach. Pursuant to California Health and Safety Code §116275(h), it owns and operates a public water system that includes drinking water wells, distribution equipment and facilities. The past,

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present and continuing PCE contamination of its water supply has caused harm to the Plaintiff, for which it now seeks damages and other relief.

11. Defendant FOX CAPITAL MANAGEMENT CORPORATION ("FOX") is a California corporation with its principal place of business in Denver, Colorado. On information and belief, Plaintiff alleges that FOX was the general partner of Century Properties Equity Fund 73 ("Century 73"), a California limited partnership that owned the Site from 1974 to 1985. During this time period, PCE was used at the Site where it was spilled, leaked, disposed and/or released into the environment, including the ground, whereby it migrated into the soil and eventually moved into the water, eventually contributing to the PCE contamination of Plaintiff's water supply.

12. Defendant SEVEN SPRINGS LIMITED PARTNERSHIP ("SEVEN SPRINGS") is a Missouri limited partnership with its principal place of business in Kansas City, Missouri. SEVEN SPRINGS has owned the Site since 1996. During SEVEN SPRINGS' ownership, PCE contamination has continued to impact water and migrate offsite, thereby substantially contributing to the PCE contamination of Plaintiff's water supply. SEVEN SPRINGS has been aware of PCE contamination at the Site since at least 2003, and has been investigating and/or performing remedial activities at the Site since then.

13. Defendant REAL ESTATE MANAGEMENT ASSOCIATES LLC ("REMA") is a Missouri limited partnership with its principal place of business in Kansas City, Missouri. At all times relevant, REMA has been the general partner of the defendant SEVEN SPRINGS. As SEVEN SPRINGS' general partner, REMA is jointly and severally liable for all of the obligations and liabilities of SEVEN SPRINGS.

14. DOES 1 through 50, inclusive, are prior owners and/or operators of the Site, and current and/or former owners and/or operators of property in or around Plaintiff's service area. On information and belief, Plaintiff alleges DOES 1 through 50 spilled, leaked, discharged, disposed of, otherwise released PCE into the environment, and/or allowed PCE to continue to migrate towards Plaintiff's water supply, and thereby substantially contributed to the PCE contamination of Plaintiff's water supply.

15. DOES 51 through 100, inclusive, are parties that designed, manufactured, formulated,

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promoted, marketed, distributed, and/or sold of certain parts and products, including dry cleaning equipment, which used or included PCE as a cleaning solvent or ingredient. These parts, products and equipment would spill, leak or otherwise release PCE due to defective design and a failure to sufficiently warn owners and/or users on the proper use, handling and disposal of PCE. Accordingly, these parties created or assisted in creating systems that caused PCE to be disposed of improperly, thereby contaminating soil and water at the Site and/or at other locations in the vicinity of Plaintiff's water system, and substantially contributed to the PCE contamination of Plaintiff's water supply.

16. DOES 101 through 150, inclusive, transported, delivered, offloaded, and/or unloaded PCE to or into a dry cleaning unit at the Site, and/or maintained and/or operated this dry cleaning unit, and, in doing so, caused PCE to spill, leak or otherwise be released or disposed of at the Site, thereby substantially contributing to the PCE contamination of Plaintiff's water supply. DOES 101 through 150 are referred to collectively herein as "Transporter Defendants."

17. FOX, SEVEN SPRINGS, REMA, and DOES 1-50, 51-100 and 101-150, inclusive, are referred to collectively herein as "Defendants."

18. When reference is made in this Complaint to any act or omission of any of the Defendants, it shall be deemed that the officers, directors, partners, agents, employees or representatives of the Defendants committed or authorized such act or omission, or failed to adequately supervise or properly control or direct their employees or agents while engaged in the management, direction, operation or control of the affairs of Defendants, and did so while acting within the scope of their duties, employment, partnership or agency.

JURISDICTION AND VENUE

19. On information and belief, Plaintiff contends that each Defendant is a business entity that is incorporated in California and/or has sufficient minimum contacts in California and/or otherwise avails itself of the California market, so as to render the exercise of jurisdiction over each Defendant by the California courts to be proper.

20. Venue is proper in El Dorado County Superior Court because El Dorado County is where the injury at issue occurred and continues to occur and is where the property interest is

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located.

FIRST CAUSE OF ACTION
(Negligence Against All Defendants)

21. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 20.

22. FOX, SEVEN SPRINGS, REMA, and the other Property Owner/Operator Defendants, and each of them, including DOES 1-50 breached their duty to use reasonable care in their ownership, operation, construction, design and/or maintenance of the Site and/or other properties in the vicinity of Plaintiff's water system.

23. DOES 51-100, and each of them, breached their duty to use reasonable care in their design, manufacture, formulation, promotion, marketing, distribution, and/or sale of certain parts and products, including dry cleaning equipment, which used or included, PCE as a cleaning solvent or ingredient ("PCE products"). DOES 51-100 also breached their duty to provide a sufficient warning to owners and users of their parts, products and dry cleaning equipment on the use, handling and disposal of PCE.

24. DOES 101-150, and each of them, breached their duty to use reasonable care in their transport, delivery, offloading, and/or unloading of PCE to the Site and/or into dry cleaning equipment at the Site and/or their maintenance and/or operation of this dry cleaning equipment.

25. In breaching their duty to use reasonable care, Defendants, and each of them, acted negligently, carelessly and/or recklessly and, as a result, PCE was spilled, leaked, discharged, disposed of, otherwise released and/or allowed to continue to migrate off-site, thereby causing the contamination of Plaintiff's wells and the water therein. In light of the special hazards and environmental risks associated with the use, handling and release of PCE, Defendants were engaged in dangerous activities involving a toxic chemical that could harm local water supplies such that the risk of harm was so great that their failure to use great caution, in addition to their failure to use reasonable care, constituted a breach of their aforementioned duties.

26. At all times relevant herein, the PCE contamination of Plaintiff's contaminated wells and water was a foreseeable consequence of Defendants' acts and omissions.

27. As a direct and proximate result of Defendants' negligent acts and omissions as

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alleged herein, Plaintiff's wells and the water therein have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property interest, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action.

SECOND CAUSE OF ACTION
(Continuing Private Nuisance Against All Defendants)

28. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 27.

29. Plaintiff is the owner of land, easements and water rights which permit it to extract water for use in its water system, including but not limited to drinking water which Plaintiff extracts from its wells.

30. The negligent, reckless, and/or intentional acts and omissions of the Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's wells and the water therein by PCE, and constitutes a nuisance under California Civil Code §§3479 and 3481. Each Defendant has caused, maintained, assisted and/or participated in such nuisance, and is a substantial contributor to such nuisance.

31. The Defendants have caused and/or permitted the nuisance to Plaintiff's contaminated wells and the water therein as a result of their acts and omissions, as alleged herein.

32. The nuisance caused, contributed to, maintained, assisted in and/or participated in by the Defendants, and each of them, has proximately caused substantial injury to Plaintiff's contaminated wells and the water therein, in which Plaintiff has a significant, possessory property interest. The nuisance alleged herein has and continues to substantially and unreasonably interfere with, obstruct, and/or disturb Plaintiff's right to extract, use, and enjoy drinking water from its

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contaminated wells.

33. Plaintiff did not consent to the Defendants' acts and omissions, as alleged herein, which constitute a nuisance.

34. An ordinary person would be annoyed and/or disturbed if, as has happened to Plaintiff, the Defendants' acts and omissions caused its drinking water supply to become contaminated to the point where it could no longer be prudently or safely used.

35. The contamination of Plaintiff's contaminated wells and the water therein, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's wells and contaminate the water therein. The contamination alleged herein is reasonably abatable.

36. The gravity of the harm to Plaintiff caused by the Defendants' contamination outweighs the public benefit of the Defendants' conduct.

37. As a direct and proximate result of the Defendants' acts and omissions, Plaintiff's contaminated wells and the water therein have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial.

38. Defendants, and each of them, are jointly and severally liable for all such damages, and, through this second cause of action, Plaintiff is entitled to recover all such damages arising from actual past and current injury to Plaintiff's property. Unless Defendants, and each of them, abate the nuisance that they have caused, through their acts and omissions, Plaintiff will continue to incur substantial harm related to the ongoing PCE contamination of Plaintiff's contaminated wells and the water therein.

39. Plaintiff is informed and believes, and based thereon alleges, that Defendants, and each of them, will not abate such nuisance unless affirmatively required to do so by an order of

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this Court requiring such abatement or by preliminary or permanent injunction herein.

40. Unless Defendants, and each of them, are so ordered by this Court, PCE that Defendants released into the subsurface will continue to leach into the aquifer that supplies water to Plaintiff's wells, migrate downgradient in the direction of Plaintiff's water system, and contaminate Plaintiff's wells and the water therein for years, substantially increasing Plaintiff's long-term treatment costs and other damages.

41. Plaintiff has no plain, speedy, or adequate remedy at law, and injunctive relief is expressly authorized by Code of Civil Procedure §§526 and 731. Accordingly, Plaintiff requests that the Court issue an injunction directing Defendants, and each of them, to abate the nuisance and trespass that they have caused, as alleged herein. Defendants, and each of them, are jointly and severally liable for providing all such relief, and Plaintiff is entitled to recover all such relief in this action.

THIRD CAUSE OF ACTION
(Continuing Private Nuisance *Per Se* Against All Defendants)

42. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 41.

43. Plaintiff is the owner of land, easements and water rights which permit it to extract water for use in its water system, including its contaminated wells.

44. The acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's contaminated wells and the water therein by PCE, and constitutes a nuisance pursuant to State statutes and regulations — including but not limited to California Water Code §13050(m) and California Health & Safety Code §5410(f) — which set a standard of care or conduct to protect public health and the environment. Each Defendant has caused, maintained, assisted and/or participated in the aforementioned nuisance *per se,* and is a substantial contributor to such nuisance.

45. Based on Defendants' aforementioned statutory and regulatory violations, Defendants' acts and omissions, as alleged herein, constitute nuisance per *se.* Plaintiff's investigation and discovery are not yet complete and, therefore, Plaintiff will seek leave of Court to show the damage

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resulting from Defendants' statutory and regulatory violations is of the type the statutes and regulations were designed to prevent. Plaintiff is and has been a member of a class of persons intended to be protected under said statutes and regulations.

46. The nuisance *per se* caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, has caused substantial injury to Plaintiff's contaminated wells and the water therein, in which Plaintiff has a significant, possessory property interest. The nuisance *per se* has and continues to substantially and unreasonably interfere with, obstruct, and/or disturb Plaintiff's right to extract, use, and enjoy water from its contaminated wells.

47. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance *per se*.

48. The contamination of Plaintiff's contaminated wells and the water that supplies them, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's contaminated wells and the water therein. The contamination alleged herein is reasonably abatable.

49. The gravity of the harm to Plaintiff caused by the Defendants' contamination outweighs the public benefit of the Defendants' conduct.

50. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's contaminated wells and the water therein have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial.

51. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this third cause of action, Plaintiff is entitled to recover all such damages and injunctive relief arising from actual past and current injury to Plaintiff's property.

52. Unless Defendants, and each of them, abate the nuisance per se that they have

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caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's contamination wells and the water therein.

FOURTH CAUSE OF ACTION
(Continuing Public Nuisance Against All Defendants)

53. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 52.

54. Plaintiff is the owner of land, easements and water rights which permit it to extract water for use in its water system, including the water it extracts from its contaminated wells.

55. The negligent, reckless, and/or intentional acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's contaminated wells and the water therein by PCE, and constitute a nuisance under California Civil Code §§3479, 3480 and 3491. Each such Defendant has caused, maintained, assisted and/or participated in such nuisance, and is a substantial contributor to such nuisance.

56. The Defendants have caused and/or permitted the nuisance to Plaintiff's contaminated wells and the water therein as a result of their acts and omissions, as alleged herein. Plaintiff did not consent to Defendants' acts or omissions. The nuisance caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, affects at the same time an entire community and/or a considerable number of persons, in that, the nuisance has caused harm to waters of the State of California and has contaminated Plaintiff's source of public drinking water used by approximately 3,000 people with harmful levels of a toxic compound, and thus created a significant risk to public health.

57. The contamination of Plaintiff's wells and the water therein has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's wells and the water therein. The contamination is reasonably abatable.

58. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's contaminated wells and the water therein have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of

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such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this third cause of action, Plaintiff is entitled to recover all such damages and injunctive relief arising from actual past and current injury to Plaintiff's property.

59. Unless Defendants, and each of them, abate the nuisance that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's contaminated wells and the water therein.

FIFTH CAUSE OF ACTION
(Continuing Public Nuisance Per Se With Special Injury Against All Defendants)

60. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 though 59.

61. Plaintiff is the owner of land, easements and water rights which permit it to extract water for use in its water system, including its contaminated wells.

62. The negligent, reckless and intentional acts and omissions of Defendants, and each of them, as alleged herein, have resulted in the continuing contamination of Plaintiff's contaminated wells and the water therein by PCE, and constitutes a nuisance pursuant to state statutes and regulations – including but not limited to California Water Code §13050(m) and California Health & Safety Code §5410(f) – which set a standard of care or conduct to protect public health and the environment. Each Defendant has caused, maintained, assisted and /or participated in the aforementioned nuisance *per se*, and is a substantial contributor to such nuisance.

63. Based on Defendants' statutory and regulatory violations, Defendants' acts and omissions, as alleged herein, constitute a nuisance *per se*. Plaintiff's investigation and discovery are not yet complete and therefore, Plaintiff will seek leave of Court to amend the complaint to allege additional violations or, in the alternative, to give notice to Defendants of any additional statutory violations, when determined.

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64. The damage resulting from Defendants' statutory and regulatory violations is of the type the statutes and regulations were designed to prevent. Plaintiff is and has been a member of the class of persons intended to be protected under said statutes and regulations.

65. The nuisance per se proximately caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, affects at the same time an entire community and/or a considerable number of persons, in that, among other things, (i) the nuisance perpetrated by Defendants has caused harm to waters of the State of California, which are a public resource; and (ii) Defendants' pollution has fouled a source of public drinking water used by approximately 3,000 people with harmful levels of a toxic compound, and thus created a significant risk to public health.

66. The nuisance *per se* proximately caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, is especially injurious to Plaintiff, who has suffered harm that is different from the type of harm suffered by others, as the nuisance has contaminated Plaintiff's contaminated wells and the water therein, in which Plaintiff has a significant, possessory property interest. The nuisance *per se* alleged herein has and continues to substantially and unreasonably interfere with, obstruct and/or disturb Plaintiff's right to extract, use and enjoy drinking water from its contaminated wells.

67. Plaintiff did not consent to Defendants' acts and omissions, as alleged herein, which constitute a nuisance *per se.*

68. The contamination of Plaintiff's wells and the water therein has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's wells and the water therein. The contamination is reasonably abatable.

69. The gravity of the harm to Plaintiff caused by Defendants' contamination outweighs the social utility of Defendants' conduct.

70. As a direct and proximate result of Defendants' acts and omissions as alleged herein, Plaintiff's contaminated wells and the water therein have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer,

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substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages, and, under this fifth cause of action, Plaintiff is entitled to recover all such damages and for injunctive relief arising from actual past and current injury to Plaintiff's property.

71. Unless Defendants, and each of them, abate the nuisance *per se* that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's contaminated wells and the water therein.

SIXTH CAUSE OF ACTION
(Continuing Trespass Against All Defendants)

72. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 71.

73. Plaintiff is the owner and actual possessor of its water system, which includes drinking water production wells, including Plaintiff's contaminated wells. Plaintiff owns, possesses and actively exercises rights to extract and use water drawn from its wells.

74. Through Defendants', and each of their, negligent, reckless and/or intentional acts and omissions, as alleged herein, Defendants proximately caused PCE to enter, invade, intrude upon, and injure Plaintiff's possession of property, by contaminating Plaintiff's contaminated wells and the water therein.

75. Plaintiff has not consented to, and does not consent to, the contamination alleged herein. Defendants, and each of them, knew or reasonably should have known that Plaintiff would not consent to this trespass.

76. The trespass proximately caused, contributed to, maintained, assisted in and/or participated in by Defendants, and each of them, has proximately caused substantial injury to Plaintiff's contaminated wells and the water therein, in which Plaintiff has a significant, possessory property interest. The trespass alleged herein constitutes a physical invasion of Plaintiff's property and has and continues to substantially and unreasonably interfere with, obstruct and/or disturb

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Plaintiff's property interest in the water drawn by its contaminated wells.

77. The contamination of Plaintiff's contaminated wells and the water therein, as alleged herein, has varied over time and has not yet ceased. PCE continues to migrate into and enter Plaintiff's contaminated wells and contaminate the water therein. The contamination alleged is reasonably abatable.

78. As a direct and proximate result of Defendants' acts and omissions as alleged, Plaintiff's contaminated wells and the water therein have been, and continue to be, contaminated with PCE, causing physical damage to Plaintiff's water supply and causing significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses associated with the loss of use, restoration, repair, remediation, and/or replacement of the damaged property, as alleged herein, in an amount to be proved at trial. Defendants, and each of them, are jointly and severally liable for all such damages and injunctive relief under this sixth cause of action. Plaintiff is entitled to recover all such damages and injunctive relief arising from actual past and current injury to Plaintiff's property.

79. Unless Defendants, and each of them, abate the trespass that they have caused, through their acts and omissions, Plaintiff will continue to incur harm related to the ongoing PCE contamination of Plaintiff's contaminated wells and the water therein.

80. Due to Defendants' trespass, as alleged herein, Plaintiff is entitled to damages pursuant to California Civil Code §3334, which include the value of the use of the property at issue for the duration of the wrongful occupation, the reasonable cost of repair or restoration of the property to its original condition, and the costs, if any, of recovering the possession.

SEVENTH CAUSE OF ACTION
(Declaratory Relief Against All Defendants)

81. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 80.

82. An actual controversy has arisen and now exists between Plaintiff and Defendants,

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and each of them, concerning the parties' respective obligations and liabilities arising from the presence of PCE contamination in Plaintiff's contaminated wells and the water therein and the attendant hazards posed thereby to the public and environment. Plaintiff contends and Defendants deny that Defendants have obligations and potential obligations under law for:

(a) the costs that have been incurred and will be incurred for future investigation, characterization, treatment, removal, replacement and/or remediation activities; and

(b) abatement of the contamination and any future consequences; and

(c) such other and further costs and liabilities as hereafter arise from the presence of PCE contamination in Plaintiff's contaminated wells and the water therein.

83. Unless a judicial declaration is issued, setting forth the parties' rights and obligations with respect to the rights, duties and liabilities identified above, a multiplicity of actions will result. Plaintiff therefore requests a judicial determination of the rights, duties, and obligations of the parties with respect to the matters alleged including the injunctive relief requested herein.

EIGHTH CAUSE OF ACTION
(Unlawful Business Practices Pursuant to Business & Professions Code §§ 17200 et seq. Against All Defendants)

84. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 83.

85. Plaintiff has standing to pursue this claim because Plaintiff has suffered injury in fact and has suffered damage to its property as a result of Defendants' unlawful business practices.

86. Through their acts and omissions, as alleged herein, Defendants, and each of them, violated California statutes and regulations, including but not limited to the following: California Water Code §§13304, 13050 and 13350; California Health & Safety Code §§5410 and 5411. All such violations have occurred in connection with and/or as a result of the Defendants' normal business activities, rendering them unlawful business practices within the meaning of California's Unfair Competition Laws, pursuant to California Business & Professions Code §§17200 et seq.

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87. As a direct, proximate, and foreseeable result of Defendants' wrongful conduct, as a alleged herein, Defendants' business acts, omissions, and/or practices have caused injury to Plaintiff and the public, and Plaintiff is entitled to relief.

88. As a result of the violation by the Defendants, and each of them, of California's Unfair Competition Laws, Plaintiff is entitled to the injunctive relief requested herein.

NINTH CAUSE OF ACTION
(Strict Products Liability Based On Defective Design Against Does 51-100)

89. Plaintiff re-alleges and incorporates herein by reference the allegations contained in each of the preceding paragraphs 1 through 88.

90. Does 51-100, and each of them, designed, manufactured, formulated, promoted, marketed, distributed, and/or sold dry cleaning equipment designed to store, use , process, and dispose of PCE.

91. Does 51-100, and each of them, knew that such dry cleaning equipment were to be purchased and used without inspection for defects and if any inspection were performed, that the defects would not be discovered with the exercise of reasonable diligence.

92. PCE used in or in connection with dry cleaning equipment purchased or otherwise acquired (directly or indirectly) from Does 51-100, and each of them, by the Property Owner/Operator Defendants, or others, led to PCE being spilled, leaked, discharged, disposed of, and/or otherwise released at the Site and/or in the vicinity of Plaintiff's water system.

93. The PCE dry cleaning equipment purchased by the Property Owner/Operator Defendants and/or others were used (or misused) in a reasonably foreseeable manner and without substantial change in the condition of such Products.

94. The PCE products including dry cleaning equipment used in the vicinity of Plaintiff's water system, including at the Site, were defective in design and unreasonably dangerous products because, among other things:

(a) Leaks, spills and releases of PCE were inherent in the normal, foreseeable uses (and misuses) of the dry cleaning equipment;

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(b) Does 51-100 and each of them were aware or should have been aware of the typical waste and disposal practices resulting from the intended use of their equipment. Despite such knowledge, Does 51-100 and each of them designed their equipment in such a manner that would result in spills, leaks, and/or discharge of PCE during normal operations;

(c) Does 51-100 and each of them, improperly designed their dry cleaning equipment by failing to provide appropriate mechanisms to prevent and/or catch releases or spills of PCE and its by-products for such equipment;

(d) Does 51-100 and each of them, failed to design proper mechanisms which would eliminate, prevent and/or treat contamination arising from the dry cleaning process such as contamination from separator wastewater, spent filter cartridges, muck and still bottoms;

(e) Does 51-100 and each of them, failed to provide adequate warnings of the known or foreseeable risk of using dry cleaning equipment that stored, used, processed and disposed of PCE.

95. These defects in the dry cleaning equipment along with the acts and omissions of Does 51-100 and each of them, caused or was a substantial factor in causing and continuing to cause the contamination of Plaintiff's wells and water supply resulting in significant injury and damage to property in which Plaintiff has a possessory interest. As a direct and proximate result of such injury and damage to Plaintiff's property, Plaintiff has suffered, and will continue to suffer, substantial damages, including but not limited to past, current and future costs and expenses.

96. Does 51-100 and each of them are strictly, jointly and severally liable for all such damages, and Plaintiff is entitled to recover all such damages in this action

PRAYER FOR RELIEF

WHEREFORE, Plaintiff respectfully requests a trial of this action before a jury and requests judgment against Defendants and each of them for:

1. Compensatory and consequential damages, according to proof;
2. Declaratory relief requested herein;
3. Injunctive relief and abatement requested herein;
4. Plaintiff's costs in prosecuting this action, according to proof;

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5. Reasonable attorneys' fees in prosecuting this action, according to proof, including but not limited to attorneys fees pursuant to California Code of Civil Procedure §1021.5;

6. Prejudgment interest to the full extent permitted by law;

7. An order permitting the Court to retain jurisdiction over this action after entry of the requested equitable relief for the purpose of granting further relief as may be necessary and/or proper to effectuate the will of the Court; and

8. An award of damages pursuant to California Civil Code §3334, according to proof;

9. Such other and further relief as the Court may deem just and proper.

Dated: March 29, 2018

By Charles Bolcom
MORIS DAVIDOVITZ
CHARLES BOLCOM
ATTORNEYS FOR TAHOE KEYS
PROPERTY OWNERS ASSOCIATION

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COPY

CM-010

ATTORNEY OR PARTY WITHOUT ATTORNEY (Name, State Bar number, and address):
Moris Davidovitz 70581; Charles H. Bolcom SBN: 193762
COOPER & SCULLY PC
101 California Street, Suite 3650, San Francisco, CA 94111
TELEPHONE NO.: 415-956-9700 FAX NO.: 415-391-0274
ATTORNEY FOR (Name): Plaintiff Tahoe Keys Property Owners Association

FOR COURT USE ONLY

FILED

APR 02 2018

EL DORADO CO. SUPERIOR COURT
BY W. Warden
(DEPUTY CLERK)

SUPERIOR COURT OF CALIFORNIA, COUNTY OF EL DORADO
STREET ADDRESS: 1354 Johnson Blvd.
MAILING ADDRESS: 1354 Johnson Blvd.
CITY AND ZIP CODE: South Lake Tahoe, 96150
BRANCH NAME: South Lake Tahoe Branch

CASE NAME: Tahoe Keys Property Owners Association vs. Fox Capital Management Corporation, Seven Springs Limited Partnership; (See attached Caption Page)

CASE NUMBER: SC20180053

JUDGE: Assigned
DEPT: 4

CIVIL CASE COVER SHEET

[X] Unlimited (Amount demanded exceeds $25,000) [ ] Limited (Amount demanded is $25,000 or less)

Complex Case Designation

[ ] Counter [ ] Joinder

Filed with first appearance by defendant (Cal. Rules of Court, rule 3.402)

BY FAX

Items 1–6 below must be completed (see instructions on page 2).

1. Check one box below for the case type that best describes this case:

Auto Tort
- [ ] Auto (22)
- [ ] Uninsured motorist (46)

Other PI/PD/WD (Personal Injury/Property Damage/Wrongful Death) Tort
- [ ] Asbestos (04)
- [X] Product liability (24)
- [ ] Medical malpractice (45)
- [ ] Other PI/PD/WD (23)

Non-PI/PD/WD (Other) Tort
- [ ] Business tort/unfair business practice (07)
- [ ] Civil rights (08)
- [ ] Defamation (13)
- [ ] Fraud (16)
- [ ] Intellectual property (19)
- [ ] Professional negligence (25)
- [X] Other non-PI/PD/WD tort (35)

Employment
- [ ] Wrongful termination (36)
- [ ] Other employment (15)

Contract
- [ ] Breach of contract/warranty (06)
- [ ] Rule 3.740 collections (09)
- [ ] Other collections (09)
- [ ] Insurance coverage (18)
- [ ] Other contract (37)

Real Property
- [ ] Eminent domain/inverse condemnation (14)
- [ ] Wrongful eviction (33)
- [X] Other real property (26)

Unlawful Detainer
- [ ] Commercial (31)
- [ ] Residential (32)
- [ ] Drugs (38)

Judicial Review
- [ ] Asset forfeiture (05)
- [ ] Petition re: arbitration award (11)
- [ ] Writ of mandate (02)
- [ ] Other judicial review (39)

Provisionally Complex Civil Litigation (Cal. Rules of Court, rules 3.400–3.403)
- [ ] Antitrust/Trade regulation (03)
- [ ] Construction defect (10)
- [ ] Mass tort (40)
- [ ] Securities litigation (28)
- [X] Environmental/Toxic tort (30)
- [ ] Insurance coverage claims arising from the above listed provisionally complex case types (41)

Enforcement of Judgment
- [ ] Enforcement of judgment (20)

Miscellaneous Civil Complaint
- [ ] RICO (27)
- [ ] Other complaint *(not specified above)* (42)

Miscellaneous Civil Petition
- [ ] Partnership and corporate governance (21)
- [ ] Other petition *(not specified above)* (43)

2. This case [ ] is [X] is not complex under rule 3.400 of the California Rules of Court. If the case is complex, mark the factors requiring exceptional judicial management:
   a. [ ] Large number of separately represented parties
   b. [ ] Extensive motion practice raising difficult or novel issues that will be time-consuming to resolve
   c. [ ] Substantial amount of documentary evidence
   d. [ ] Large number of witnesses
   e. [ ] Coordination with related actions pending in one or more courts in other counties, states, or countries, or in a federal court
   f. [ ] Substantial postjudgment judicial supervision
3. Remedies sought *(check all that apply)*: a. [X] monetary b. [X] nonmonetary; declaratory or injunctive relief c. [ ] punitive
4. Number of causes of action *(specify)*: Nine. See attached list
5. This case [ ] is [X] is not a class action suit.
6. If there are any known related cases, file and serve a notice of related case. *(You may use form CM-015.)*

Date: March 29, 2018

Charles H. Bolcom
(TYPE OR PRINT NAME)

Charles Bolcom
(SIGNATURE OF PARTY OR ATTORNEY FOR PARTY)

NOTICE
- Plaintiff must file this cover sheet with the first paper filed in the action or proceeding (except small claims cases or cases filed under the Probate Code, Family Code, or Welfare and Institutions Code). (Cal. Rules of Court, rule 3.220.) Failure to file may result in sanctions.
- File this cover sheet in addition to any cover sheet required by local court rule.
- If this case is complex under rule 3.400 et seq. of the California Rules of Court, you must serve a copy of this cover sheet on all other parties to the action or proceeding.
- Unless this is a collections case under rule 3.740 or a complex case, this cover sheet will be used for statistical purposes only.

Form Adopted for Mandatory Use
Judicial Council of California
CM-010 (Rev. July 1, 2007)

CIVIL CASE COVER SHEET

Cal. Rules of Court, rules 2.30, 3.220, 3.400–3.403, 3.740;
Cal. Standards of Judicial Administration, std. 3.10
www.courtinfo.ca.gov
Westlaw Doc & Form Builder

EXHIBIT 7: CONDITIONAL ACCEPTANCE LETTER, MODIFYING AUGUST 19, 2026 OFF-SITE REMEDIAL ACTION PLAN

California Water Boards
Gavin Newsom Governor
Yana Garcia Secretary for Environmental Protection
Lahontan Regional Water Quality Control Board

Peter Krasnoff
West Environmental Services & Technology
2173 Francisco Blvd. E., Suite D
San Rafael, CA 94901
peterk@westenvironmental.com

Conditional Acceptance of Interim *Revised Draft Off-Site Remedial Action Plan, Regional PCE Contamination, August 2026,* Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County, Site Cleanup Program Case #T6S043, Geotracker Global ID SL0601754315

Thank you for your August 19, 2026 email containing the *Draft Off-Site RAP, Regional PCE Contamination, South Lake Tahoe, California*, in support of issuance of Stipulated Cleanup and Abatement Order R6T-2022-PROPOSED (Stipulated CAO)[1]. The Off-Site RAP (OSRAP) is intended to fulfill Stipulated CAO Order 5 *Develop, Submit, and Implement Off-Site Remedial Action Plan* requirements. Technical Staff conditionally accept the OSRAP for inclusion in the Stipulated CAO subject to the following limitations and cautions:

a) Nothing in this communication constitutes approval or endorsement of the summary of previous investigations and their conclusions about data gaps, sources, or appropriate next steps set forth by the OSRAP. Rather than reiterate our challenges to the inclusion or exclusion of facts, or inferences to be drawn from them, we refer you to the Memorandum dated August 17, 2023 (*Proposed Revisions to Cleanup and Abatement Order No. R6T-2022-Proposed*) and the associated *Attachment A Staff Report of Cleanup and Abatement Order R6T-2022-Proposed for the Lake Tahoe Laundry Works*[2] for our responses to the proffered summary and illustrations contained in the OSRAP.

b) Technical Staff's review and acceptance is subject to the matter being resolved by Stipulated CAO. In the event the Stipulated CAO is not finalized, and an order pursuant to Water Code section 13304 is issued, this conditional acceptance of the OSRAP will be disregarded.

1 This is the first version of the OSRAP that the Lahontan Water Board has received that was signed and stamped, in accordance with professional standards (Business and Professions Code sections 6735, 7835, and 7835.1. However, it did not include all attachments, including the settlement agreements by and between Lukins Brothers Water Company and Tahoe Keys Property Owners Association with the Performing Parties (Fox and Seven Springs). Also, the Lahontan Water Board received some clarifying statements about Tahoe Keys' infrastructure on August 28, 2026, which are not reflected in the reviewed draft; we have incorporated those requests in this letter.

2 Technical staff expect to supplement this Memorandum in response to comments received by parties on August 3, 2026.

c) The OSRAP states that it is prepared pursuant to the Lahontan Water Board's authority, including the Water Code and Basin Plan. As such, it does not require compliance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), California Health and Safety Code section 25356.1(c), and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) guidance documents. Technical staff do not manage their cleanup and abatement cases associated with the regional PCE plume in compliance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and/or CERCLA processes and do not require that any documents associated with the regional PCE plume, including this OSRAP, be prepared in compliance with NCP and CERCLA. Accordingly, Technical Staff offer no opinion as to whether this OSRAP complies with the NCP and CERCLA. The SCAO reflects a negotiated agreement, but the public was invited to participate prior to any consideration of the SCAO by the Lahontan Board, which is consistent with principles underlying the NCP.

d) The Lahontan Water Board does not allocate responsibility among dischargers but has no objection to the stated intent of preserving the rights of Fox and/or Seven Springs to seek cost recovery or contribution from other responsible parties that may bear some financial responsibility for their remedial efforts.

Plain language hypothetical scenarios are also provided in the Enclosure to this letter to illustrate the Stipulated CAO requirements.

1) Accepted Components of OSRAP

Technical staff are conditionally accepting the remedial alternative selection as set forth in the OSRAP as an alternative to the 2026 Proposed CAO. The OSRAP is a piece of the Stipulated CAO negotiated solution. It does not include ongoing financial assurances and groundwater modeling. Both assurances and modeling are typically used to support remedial alternative selection for complex water quality contamination like the Regional PCE Plume.

The Stipulated CAO is intended to provide the following:

- municipal supply well protection over a negotiated 59-year remedy timeframe
- non-municipal water supply well protection
- evaluation and mitigation of potential threats posed via the vapor intrusion pathway
- immediate financial relief to affected water purveyors
- avoidance of future rounds of costly litigation which will require significant staff resources and delay financial relief to affected water purveyors.

Components of the Stipulated CAO acceptably described in the OSRAP include:

a) Providing lump sum payments ($2.6 million and $1.5 million, respectively) to Tahoe Keys Water Company (TKWC) and Lukins Brothers Water Company (LBWC) to fund wellhead treatment at municipal water supply wells that have been or may be

impacted by the Regional PCE Plume over a negotiated 59-year remedy timeframe. The municipal water supply protection strategy consists of:

i. A $2.6 million lump sum payment to LBWC to fund granular activated carbon (GAC) treatment at LBWC#5 for the next 59 years (or longer period if dictated by operational performance criteria shortfalls at LBWC#5), such that GAC treatment is funded for any portion of the 59-year remedy timeframe in which concentrations of PCE or its anaerobic degradation products are at or exceed applicable Maximum Contaminant Levels (MCLs) at LBWC#5 and DDW requires wellhead treatment at the well. If the $2.6 million lump sum payment is exhausted within the 59-year timeframe, LBWC is responsible for the costs to continue the GAC treatment as required by DDW.

ii. Implementing contingency measures at LBWC#5 if extended outage or permanent shutdown of that well occur during the 59-year remedy timeframe (or longer period if dictated by operational performance criteria shortfalls at LBWC#5). Contingency measure costs obligations are not included in the $2.6 million lump sum payment and are provided through a Performing Parties direct obligation.

iii. A $1.5 million lump sum payment to TKWC to provide partial funding of TKWC#4 and any possible future treatment during the 59year remedy timeframe. TKWC#4 is a new municipal supply well currently located outside the Regional PCE Plume.

iv. Implementing contingency wellhead treatment at TKWC#1 and TKWC#4 in the event of future impact(s) during the 59-year remedy timeframe (or longer period if dictated by operational performance criteria shortfalls at LBWC#5). If the $1.5 million lump sum payment is exhausted within the 59-year remedy timeframe, TKWC is responsible for the costs to construct and operate any GAC treatment as required by DDW. Any costs for wellhead treatment needed beyond the 59-year remedy timeframe will be the responsibility of TKWC.

b) Conducting semi-annual monitoring and quarterly reporting

i. sentry well and private and small community water supply well monitoring results

ii. status updates of wellhead treatment systems and remediation systems, if any, in operation

iii. municipal well monitoring results as provided by TKWC and LBWC under their DDW permit monitoring program

iv. Water level data and sentry well vertical concentration gradient evaluation, with particular attention to the TKWC1-SW-1/SW-2 contrast as the primary vertical isolation indicator for TKWC No. 1 and the TKWC No. 4 upper screen depth

v. field monitoring well sampling sheets and well maintenance logs completed for each well

vi. TKWC No. 1 wellhead PCE running annual average and the updated trend projection of the potential MCL-exceedance date

vii. LBWC No. 5 treated volume, runtime, influent and effluent PCE, and cumulative PCE mass removed, reported against the treated-volume performance criterion; cumulative mass removed is reported as a verification parameter only;

viii. Concise data evaluations and tabular data summaries for all data reported; transmittal of analytical results, water-level data, or treatment-system performance data with supporting evaluation and discussion;

ix. Discussion and evaluation of performance monitoring and compliance including a description of any annual adjustment of the 59-year Remedy Implementation Period;

x. Discussion of any emergency response actions taken during the reporting period.

c) Implementing the Well Investigation and Closure Plan (WICP) within the Regional PCE Plume, and all related and future tasks per Lahontan Water Board staff's acceptance, to evaluate and mitigate threats to private and small community water system wells posed by the Regional PCE Plume.

d) Implementing the Vapor Intrusion Investigation Work Plan within the Regional PCE Plume, and all related and future tasks per Lahontan Water Board staff's acceptance, to evaluate and mitigate potential threats via the vapor intrusion pathway posed by the Regional PCE Plume.

2) General Conditional OSRAP Acceptance Comments

The general comments summarized below are being provided to identify sections of the OSRAP where areas of dispute remain, but no further modifications are required. Each section is being conditionally accepted in consideration of the acknowledgements below to allow for the Stipulated CAO to be considered as an alternative to the 2026 Proposed CAO.

Comment No. 1

Section 2 Regional PCE Contamination Description is incomplete. The section presents a minimal description of the regional PCE plume. As such, the section does not conform with available guidance for a description of the extent of contamination consistent with the complexity of the regional PCE plume.

Comment No. 2

Section 3 Conceptual Site Model is incomplete. The section does not present a narrative description of the CSM and instead references available documents which contain interpretations and conclusions about data gaps, sources, or appropriate next steps which Lahontan Water Board staff have consistently disputed.

Comment No. 3

Section 6 Feasibility Study is based upon an incomplete CSM which Lahontan Water Board staff has consistently disputed.

Comment No. 4

Section 6.4, Recommended Remedy contains an outdated estimate of costs. The estimated present value of the projected remedy is based, in part, on an outdated engineer's cost estimate for TKWC No. 4 construction and is not reflective of the actual total cost.

3) Specific Conditional *OSRAP* Acceptance Requirements

The Off-Site RAP is deemed revised as follows to reflect the following clarifications and corrections, which allow for the Stipulated CAO to be considered as an alternative to the 2026 Proposed CAO.

Condition No. 1

Section1 Introduction

Section 1.1 Background, third bullet

Section 1.1 is deemed revised to indicate Tahoe Keys Water Company has no current plans to cease operation of TKWC No. 2. This global edit is deemed made throughout the document.

Condition No. 2

Sections 1.2 Off-Site RAP Scope and 1.4 Remedy Implementation Period and Settlement Framework

These sections are deemed modified to make clear that if MCLs are exceeded at LBWC#5 after DDW has approved of terminating GAC treatment, and then concentrations of PCE or its anaerobic degradation products are detected at or above MCLs at LBWC#5 at a later date within the 59-year remedy timeframe after adoption of the SCAO, then the obligations of Seven Springs and Fox under the Off-Site RAP (i.e., GAC treatment and contingency measure implementation) resume for the remainder of the 59-year timeframe. The 59-year remedy implementation period would only be extended by failure to meet performance criteria during the period that LBWC #5 is operating and detections of PCE or its anaerobic degradation products at LBWC #5 equal or exceed MCLs. The 59-year remedy timeframe cannot be shortened unless accepted by the Executive Officer.

Condition No. 3

Section 2.3.2, fourth bullet

Section 2.3.2 shall be revised to indicate, "*TKWC No. 4 was drilled in May 2026 and completed in June 2026 to a total depth of 212 feet bgs with screened intervals between 149-155, 183-190, and 198-207 feet bgs. Water quality sampling verified that this well was*

installed outside of the Regional PCE Plume. *Due to its location, anticipated pumping rate, and depths of screened intervals, TKWC # 4 remains threatened by the Regional PCE Plume.*"

Condition No. 4

Section 5.3.1.1 Remedy Timeframe

The first paragraph of this section is deemed modified to make clear that if MCLs are exceeded at LBWC#5 after DDW has approved of terminating GAC treatment, and then concentrations of PCE or its anaerobic degradation products are detected at or above MCLs at LBWC #5 a later date within the 59-year timeframe after adoption of the SCAO, then the obligations of Seven Springs and Fox under the Off-Site RAP (i.e., for implementing contingency measures) resume for the remainder of the 59-year timeframe. The 59-year remedy implementation period would be extended only by failure to meet performance criteria during the period that LBWC#5 is operating and detections of PCE or its anaerobic degradations products at LBWC#5 equal or exceed MCLs. The 59-year remedy timeframe cannot be shortened unless accepted by the Executive Officer.

The second paragraph of this section is deemed modified to make clear that if MCLs are exceeded at TKWC #1 or #4 after DDW has approved of terminating GAC treatment, and then concentrations of PCE or its anaerobic degradation products are detected at or above MCLs at one of those wells a later date within the 59-year timeframe after adoption of the SCAO, then the obligations of Seven Springs and Fox under the Off-Site RAP (i.e., for implementing contingency measures) resume for the remainder of the 59-year timeframe. The 59-year remedy implementation period would be extended only by failure to meet performance criteria during the period that LBWC#5 is operating and detections of PCE or its anaerobic degradations products at LBWC#5 equal or exceed MCLs. The 59-year remedy timeframe cannot be shortened unless accepted by the Executive Officer.

Condition No. 5

Section 5.4.1, third sentence

Section 5.4.1 is deemed revised to indicate that TKPOA has no current plans to decommission TKWC No. 2.

Condition No. 6

Section 6.2.2.1

Section 6.2.2.1 is deemed revised to delete statements which indicate TKWC No. 4 will replace TKWC No. 2 as the primary TKWC water source. This comment also applies to Sections 7.1.5.3 and 7.3.3.1.

Condition No. 7

Section 6.2.2.1.2

Section 6.2.2.1.2 shall be revised to clarify "*TKWC plans to use new well TKWC No. 4 to supplement the production capacity of TKWC No. 2. The TKWC Settlement Agreement provides for partial funding from the Performing Parties for TKWC No. 4 construction. TKWC has no plans at this time to cease operation of TKWC No. 2. TKWC No. 2 will continue to be operated, with GAC treatment in place, based on water system needs in accordance with TKWC's DDW permit. However, there are no obligations imposed upon TKWC under this Off-Site Remedial Action Plan to operate, decommission, or take any other action related to TKWC No. 2."*

Condition No. 8

Section 6.2.2.1.3

Section 6.2.2.1.3 shall be revised to clarify *"New water supply well TKWC No. 4 was drilled in May 2026 outside of the Regional PCE Plume and completed in June 2026. TKWC No. 4 was installed to supplement production capacity at TKWC No. 2, as described in Section 2.3.2, above. Water production from TKWC No. 2 may continue at TKWC's discretion, consistent with its DDW permit. However, there are no obligations imposed upon TKWC under this Off-Site Remedial Action Plan to operate, decommission, or take any other action related to TKWC No. 2.*

TKWC No. 4 was completed with screened intervals of 149-155, 183-190, and 198-207 feet bgs. Eight-hour well capacity testing performed consistent with DDW requirements estimated a pumping capacity of 2,000 gpm, as documented on Department of Water Resources Well Completion Report WCR2026-006778. The upper screen interval of 149-155 feet bgs is approximately 30 to 35 feet below the TKWC1-SW1 sampling depth, where PCE concentrations of 130-150 ug/L were recorded in April 2023. Pre-construction groundwater sampling at the TKWC No. 4 location did not detect PCE above analytical reporting limits (GSI, 2025)." This information was provided by TKWC after the OSRAP was submitted and not independently verified by Water Board staff.

Condition No. 9

Section 7.1.5.3 Installation of TKWC No. 4

The second sentence, first paragraph, is deemed deleted. Section 7.1.5.3 is deemed revised to be consistent with Section 6.2.2.1 above.

Condition No. 10

Section 7.1.6 Summary of Financial Obligations

Section 7.1.6., last sentence is deemed deleted. The table is deemed revised to indicate GAC treatment contingency measures at TKWC#1 and TKWC#4 will be funded by the $1.5 million lump sum payment to TKWC.

Condition No. 11

Section 7.4 Monitoring and Reporting

A. Section 7.4 is deemed revised to include a Final Off-Site Remedial Action Completion Report and indicate the report shall be submitted in accordance with Stipulated CAO, Attachment A, Time Schedule.

B. Section 7.4 is deemed revised to indicate any requests to modify the monitoring and reporting program shall be provided in writing 60 days in advance of any proposed changes and shall not be implemented until receiving agreement from the Executive Officer.

Condition No. 12

Section 7.4.1 Sentry Well Monitoring

This section refers to a draft plan which was never accepted (i.e., *Sentry Well Groundwater Sampling and Analysis Plan* [EKI,2025]) by Lahontan Water Board staff. Section 7.4.1 is deemed revised to indicate the "draft" status of the plan.

Condition No. 13

Section 7.5.1 Purpose and Regulatory Basis

Figure 7.1 was inadvertently omitted from the OSRAP. The figure is included as Enclosure 1 to this letter and is deemed revised to indicate the periodic compliance review cycles needed to evaluate Section 7.5.2 performance criterion and calculate extension to the 59-year timeframe if the Section 7.5.2 performance criterion is not met.

Condition No. 14

Appendix A Lukins Brother Water Company Settlement Agreement

The settlement agreement is incomplete and not signed. Appendix A is deemed revised to include a final signed settlement agreement.

Condition No. 15

Appendix B Tahoe Keys Water Company Settlement Agreement

The settlement agreement is not provided. Appendix B is deemed revised to include a final signed settlement agreement.

Technical staff are available to discuss the OSRAP conditional acceptance and/or Stipulated CAO schedule, if needed. Please contact Brian Grey directly at (530) 542-5421 or brian.grey@waterboards.ca.gov with any further questions or comments.

Brian Grey, Engineering Geologist
Lahontan Regional Water Quality Control Board

Enclosures:

1) Figure 7-1 LBWC No. 5 performance monitoring annual compliance cycle (criterion)

2) Select Hypothetical Scenarios to illustrate Stipulated CAO requirements

cc (via email only): Stuart Block, Allen Matkins
Scott Reisch, Hogan Lovells Cadwalader
Andrew Safford, EKI Environmental & Water, Inc.
Sharon Squire, West Environmental
TJ Middlemis-Clark, Lahontan Water Board
Jeff Brooks, Lahontan Water Board
Jim Carolan, Lahontan Water Board
Julie Macedo, Office of Enforcement
David Boyers, Office of Enforcement

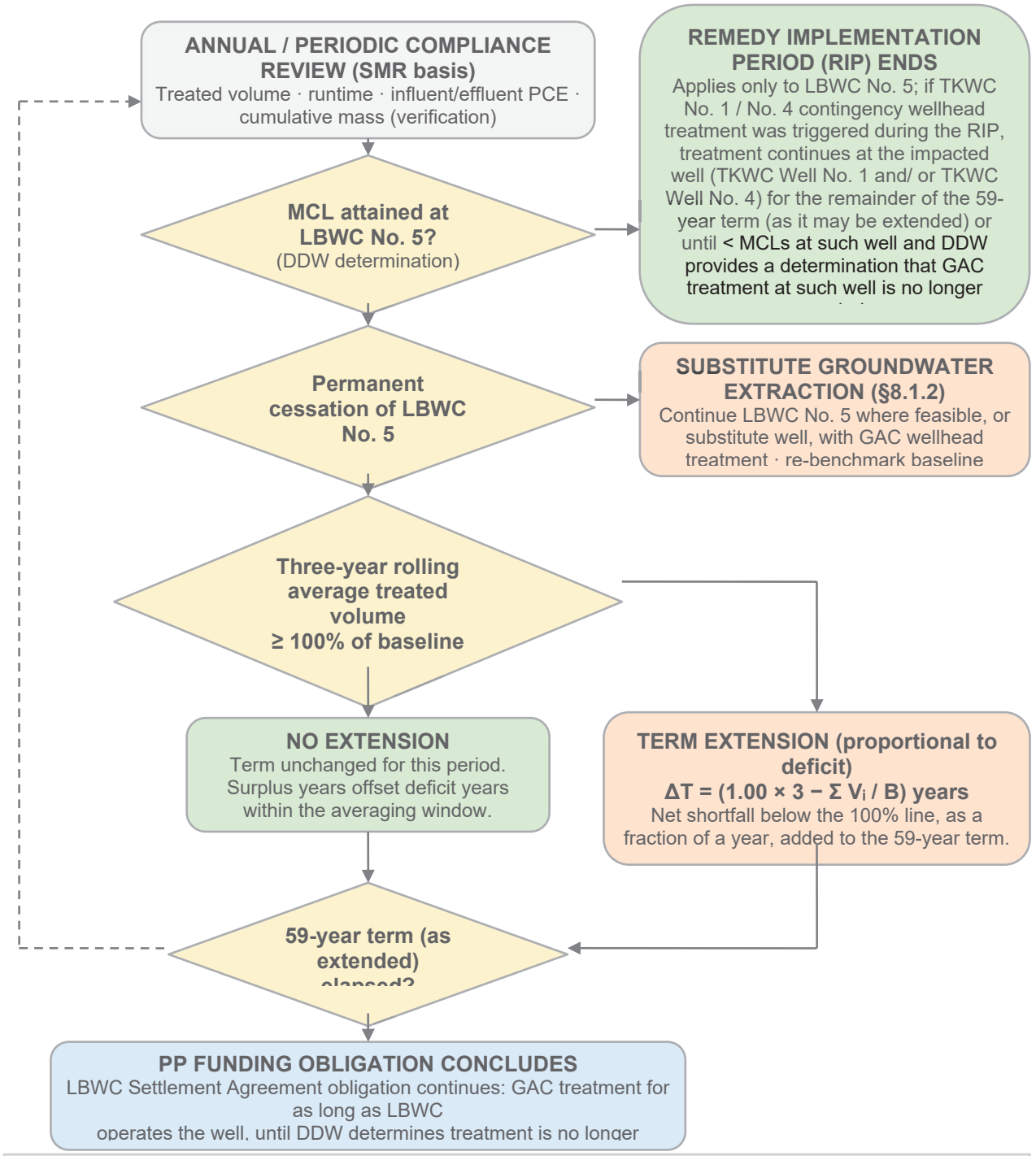

Figure 7-1. LBWC No. 5 performance monitoring annual compliance cycle (criterion).

Conditional Acceptance of Interim *Revised Draft Off-Site Remedial Action Plan, Regional PCE Contamination, August 2026,* Lake Tahoe Laundry Works, 1024 Lake Tahoe Boulevard, South Lake Tahoe, El Dorado County, Site Cleanup Program Case #T6S043, Geotracker Global ID SL0601754315

Enclosure 2 - Select Hypothetical Scenarios to illustrate Stipulated CAO requirements

The Stipulated CAO requires receptor protection to be provided over the 59-year remedy timeframe. Four hypothetical scenarios are provided below to illustrate Stipulated CAO requirements. In each scenario presented below, the Performing Parties' obligations to fund GAC treatment are limited to the $2.6 and $1.5 million lump sum payments to LBWC and TKWC, respectively. In the event these lump sum payments are exhausted prior to expiration of the 59-year period (or as dictated by performance criterion), the costs and obligations to continue GAC treatment will be borne by LBWC and TKWC until DDW determines GAC treatment is no longer necessary.

1) **Treatment finishes at Lukins.** Wellhead treatment is conducted at LBWC#5 for 20 years at which time DDW determines wellhead treatment is no longer needed (i.e., PCE concentrations are below MCLs). No other impacts or changes are observed to trigger contingency response actions during the initial 20 years or during the following 39 years. Fox and Seven Springs are not required to perform any additional work after the initial 20 years, and the Stipulated CAO requirements would be terminated upon completion of the 59-year period.

2) **Water supply well shuts down at Lukins and treatment starts at Tahoe Keys.** Wellhead treatment is conducted at LBWC#5 for 20 years at which time LBWC#5 is permanently shut down prior to the attainment of MCLs triggering contingency response actions (Section 8.1). PCE concentrations remain above MCLs in LBWC#5 and the contingency extraction well. At year 30, PCE concentrations above MCLs are also observed at Tahoe Keys Water Company (TKWC) #1 triggering "Action/Treatment" response actions. PCE concentrations remain above MCLs in the contingency extraction well and TKWC#1 through year 59. Fox and Seven Springs are responsible for operations at LBWC#5 in years 1 through 20, the contingency extraction well in years 20 through 59, and TKWC#1 in years 30 through 59 per the settlement agreements. The 59-year period would only be extended by failure to meet LBWC#5 performance criteria during the initial 20 years. The Stipulated CAO requirements would be terminated upon completion of the 59-year time period (or as extended by failure to meet performance criteria at LBWC#5 during years 1 through 20) despite PCE concentrations being present above MCLs being present in LBWC#5, the contingency extraction well, and TKWC#1 in year 59.

3) **Treatment finishes at Lukins and treatment starts at Tahoe Keys.** Wellhead treatment is conducted at LBWC#5 for 20 years at which time DDW determines wellhead treatment is no longer needed (i.e., PCE concentrations are below MCLs). At year 30, PCE concentrations above MCLs are observed at Tahoe TKWC#1 triggering "Action/Treatment" response actions. PCE concentrations remain above MCLs in TKWC#1 until year 59. At year 50, PCE concentrations above MCLs are also observed at TKWC#4 triggering "Action/Treatment" response actions. PCE concentrations remain above MCLs in TKWC#4 through year 59. Fox and Seven Springs are responsible for

operations at LBWC#5 in years 1 through 20, TKWC#1 in years 30 through 59, and TKWC#4 in years 50 through 59 per the settlement agreements. The 59-year period would only be extended by failure to meet LBWC#5 performance criteria during the initial 20 years. The Stipulated CAO requirements would be terminated upon

completion of the 59-year period (or as extended by failure to meet performance criteria at LBWC#5 during years 1 through 20) despite PCE concentrations being present above MCLs in TKWC#1 and TKWC#4 in year 59.

4) **Treatment stops and restarts at Lukins.** Wellhead treatment is conducted at LBWC#5 for 20 years at which time DDW determines wellhead treatment is no longer needed (i.e., PCE concentrations are below MCLs). At year 40, PCE concentrations above MCLs are observed at LBWC#5 and additional wellhead treatment is required by DDW. PCE Concentrations remain above MCLs until year 59 and no other impacts are observed at TKWC#1 or TKWC#4 to trigger contingency response actions during the 59-year period. Fox and Seven Springs are responsible for operations at LBWC#5 in years 1 through 20, and years 40 through 59 per the Lukins Brother Water Company settlement agreement. The 59-year period would only be extended by failure to meet LBWC#5 performance criteria during the initial 20 years or during years 40 through 59. The Stipulated CAO requirements would be terminated upon completion of the 59-year period (or as extended by failure to meet performance criteria at LBWC#5 during years 1 through 20 and years 40 through 59) despite PCE concentrations being present above MCLs in LBWC#5 in year 59.