



Central Valley Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: 6 January 2022

Expiration Date: 6 January 2027

Program Type: Fill/Excavation

Project Type: Mixed Use

Project: Placer Vineyards Infrastructure Segment A Project
(Infrastructure Segment A) (Project)

Applicant: Placer Vineyards Central Group, LLC

Applicant Contact: Larry Gualco
Lennar Winncrest, LLC
1420 Rocky Ridge Drive, Suite 320
Roseville, CA 95661
Phone: (916) 746-8500
Email: c/o sean.macdiarmid@lennar.com

Applicant Contact: Julie Hanson
Baseline A&B Holdings, LLC
1700 Eureka Road, Suite 150C
Roseville, CA 95667
Phone: (530) 759-3599
Email: jmrhanson@gmail.com

Applicant's Agent: Hal Freeman
ECORP Consulting, Inc.
2525 Warren Drive
Rocklin CA 95677
Phone: (916) 782-9100
Email: hfreeman@ecorpconsulting.com

Reg. Meas. ID:	445951
Place ID:	878014
WDID No.:	5A31CR00565
USACE No.:	SPK-2018-00683
Letter of Permission	

Water Board Staff: Daniel Warner
Water Resource Control Engineer
364 Knollcrest Drive, Suite 205
Redding, CA 96002
Phone: (530) 224-4848
Email: Daniel.Warner@waterboards.ca.gov

Water Board Contact Person: If you have any questions, please call Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) Staff listed above or (530) 224-4845 and ask to speak with the Water Quality Certification Unit Supervisor.

Table of Contents

I. Order	4
II. Public Notice.....	4
III. Project Purpose	4
IV. Project Description	4
V. Project Location.....	7
VI. Project Impact and Receiving Waters Information.....	7
VII. Description of Direct Impacts to Waters of the State	8
VIII. Description of Indirect Impacts to Waters of the State.....	10
IX. Avoidance and Minimization.....	10
X. Compensatory Mitigation.....	10
XI. California Environmental Quality Act (CEQA).....	11
XII. Petitions for Reconsideration.....	11
XIII. Fees Received.....	11
XIV. Conditions	11
XV. Water Quality Certification.....	30

- Attachment A:** Project Map(s)
- Attachment B:** Receiving Waters, Impacts, and Mitigation Information
- Attachment C:** CEQA Findings of Facts
- Attachment D:** Report and Notification Requirements
- Attachment E:** Signatory Requirements
- Attachment F:** Certification Deviation Procedures
- Attachment G:** Justification for Section XIV Conditions

I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of Lennar Winncrest, LLC and A&B Holdings, LLC (hereinafter Permittee) for the Project. This Order is for the purpose described in application and supplemental information submitted by the Permittee. The application was received on 8 November 2021. The application was deemed complete on 18 November 2021.

The Project was previously certified on 28 June 2019 (WDID No. 5A31CR00404-010) under the Regional Water Quality Control Board's Amended Clean Water Act Section 401 Technically Conditioned Water Quality Certification, Regional General Permit 14 for Placer Vineyards Specific Plan Infrastructure Project (RGP 14) issued to the United States Army Corps of Engineers (WDID No. 5A31CR00404A1). RGP 14 will expire on 11 January 2022 and Army Corps of Engineers is not renewing the permit. The Project will be reauthorized under a Letter of Permission by Army Corps of Engineers, thereby requiring recertification of the Project under an individual section 401 Water Quality Certification action and Order.

II. Public Notice

The State Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from 12 November 2021 to 3 December 2021. The Central Valley Water Board received written comments from one interested party during the 30 day comment period and considered all comments pertaining to the discharges regulated under this Order. Public notice regarding the Environmental Impact Report is described in Attachment C, CEQA Findings of Fact.

III. Project Purpose

The project is part of the larger Placer Vineyards Specific Plan (PVSP) Backbone Infrastructure project, which will support buildout of the PVSP. Construction components of Infrastructure Segment A include roadway improvements (Baseline Road, Dyer Lane, and Palladay Road), open space corridors, drainage improvements, detention basins, sewer lines, potable water lines, recycled water lines, and transmission lines.

IV. Project Description

The Project is a 120.91-acre component of the Placer Vineyards Specific Plan (PVSP) Infrastructure Project and 8.45-acre temporary stockpile, for a total of 129.36 acres. The Project will include onsite infrastructure elements required for the development of the PVSP, specifically approximately 3,200 feet of Baseline Road widening, 8,400 feet of Dyer Lane construction, 4,800 feet of Palladay Road widening, and Open Space corridors including drainage improvements such as detention basins. Additional infrastructure elements include two sewer lines, a potable water line and recycled water line (each including pump stations and storage

facilities), and transmission lines. Discussed in more detail below are the proposed activities for each phase.

Segment A, Phase 1.1

Activities include the installation of a sewer line, construction of a maintenance road, the installation of 10 culverts, the placement of a soil stockpile, and the grading and restoring of proposed open space to make drainage improvements and create wetland habitat.

The proposed open space in the southern portion of the Project area will be graded and restored in order to provide drainage improvements to support future development of the PVSP, to initiate preliminary grading for future water quality basins, and to create wetland habitat that will support wildlife. Furthermore, rainfall and runoff from future storm drainage systems will discharge into the constructed channels. As the development areas surrounding the open space are constructed, improvements will be made to the water quality basins (e.g., construction of outfalls) that will be tied into the storm water drainage system associated with the development areas. Flood control channels within this open space area will consist of newly constructed complete channel systems and parallel flood control channels where "avoidance areas" are to be maintained in the natural state. These facilities will generally follow or be placed along the natural drainage courses within the open space area. The flooding limits will be confined within the channels and existing floodplain areas, generally providing three feet of 100-year freeboard to adjacent proposed structures. The channels will be excavated below the existing grades and daylight at the downstream end to natural grades at the open space boundary limits. The low-flow channel will be constructed throughout to confine the conveyance of year-round nuisance waters. Three culverts associated with the open space will also be installed.

In addition to the work in the open space described above, a culvert composed of one 24-inch pipe and one 42-inch pipe will be placed in the western portion of the open space, which will divert water under a constructed berm. Both of the aforementioned culverts will be approximately 130 feet long and composed of reinforced polymeric composite material. The function of this culvert will be to help maintain flow of the existing riverine seasonal wetland that is located to the north of the open space. The culvert will divert water under the berm; the water will pass through the open space flowing northeast to southwest and will continue into the existing riverine seasonal wetland feature flowing southwest.

A haul route will be used to move soil from the open space portion of the Project area in the south to the soil stockpile, which will be placed within the future Development area (Segment Q, Phase 1.1) of Property 19. This haul route crosses over a shallow riverine seasonal wetland feature. Construction equipment/vehicles will drive across this feature (when no water is present) and the feature will be restored to pre-project conditions upon Project completion. The stockpile will vary from four to eight feet in height and will be surrounded by silt fence and hydroseeded for stability once placed.

Approximately 345 linear feet of sewer line varying from 15-18 inches will be installed along a portion of future Dyer Lane via an open trench. To the north, this sewer line will eventually be connected to sewer line being installed in the Segment A, Phase 1.2 to support the development of Property 19 (i.e., Segment Q, Phase 1.1). To the south, this sewer line will connect to a sewer lift station, which will be installed within the Placer Vineyards Infrastructure Segment D (Lift station addressed under a separate Water Quality Certification for Segment D).

In addition, approximately 205 linear feet of a 14-foot-wide gravel maintenance road will be built to allow access to the sewer line. Six corrugated metal culverts not directly associated with the open space (culverts associated with the open space are described below) will be placed under the maintenance road.

Segment A, Phase 1.2

Activities proposed within the Segment A, Phase 1.2 area include road improvements/expansion of Baseline Road, construction of a portion of future Dyer Lane, and construction of a portion of Town Center Drive. In addition to these road infrastructure improvements, utilities including water and sewer lines will be installed underneath the roadways. These utilities will eventually be tied into the homes being built in the surrounding development area of Property 19. Lastly, a storm water drainage system will also be installed within and underneath the permanent roadways. Storm water collected by this system will be directed into water quality basins proposed to be constructed in the surrounding open space (construction of water quality basins is the subject of separate Water Quality Certifications for the open space).

Segment A, Phase 1.3

The existing two-lane Palladay Road will be expanded starting at Baseline Road and extending southward approximately 1,300 linear feet. Starting at the junction with Baseline Road and moving southward, the expansion of Palladay Road will start at a maximum width of approximately 94.5 feet and will taper down to approximately 50 feet. The expansion of Palladay Road will also include installing utilities (e.g., sewer and water lines) and a storm water drainage system under the permanent roadway to service the development area.

In addition, approximately 7,500 linear feet of a 16-inch ductile iron pipe water line will be installed within the Project area via an open trench. To the north, the water line will connect to a water line that will be constructed along Baseline Road extending to the east (addressed in Water Quality Certification for Segment B). To the south, the water line will connect to a lift station being constructed within Segment D (addressed in Water Quality Certification for Segment D).

Segment A, Phase 1.4

Activities proposed within the Segment A, Phase 1.4 area include the following activities: the placement of a soil stockpile including the use of a haul route, and the grading and restoring of proposed open space to make drainage improvements and create wetland habitat.

Approximately 21.46 acres of open space will be graded and restored to make drainage improvements and create wetland habitat, which will support wildlife and provide storm water detention/conveyance for storm water. As a part of the grading and restoring activities there will also be preliminary grading for three water quality basins. When the first phase of Property 19 (Segment Q, Phase 1.1) is developed, improvements will also be made to the water quality basins (e.g., construction of outfalls) and they will be connected to the storm water drainage system associated with the development area (these improvements will be the subject of Segment Q, Phase 1.1).

A haul route will be used to move soil from the open space portion of the Project to the soil stockpile, which will be placed within the development area of Property 19 (Segment Q, Phase 1.1) of Property 19. This haul route crosses over two separate, relatively shallow, riverine seasonal wetland features. Construction equipment/vehicles will drive across these features (when no water is present) in order to utilize the haul route for moving the soil, and the features will be restored to pre-project conditions upon Project completion. This haul route will be permitted under a separate authorization for PVSP Infrastructure (Segment Q, Phase 1.1).

V. Project Location

Address: The Project site is located south of Baseline Road, north of the Sacramento/Placer County line, east of the Sutter/Placer County line, and west of Dry Creek and Walerga Road, in unincorporated western Placer County, California.

County: Placer County

Nearest City: Roseville

Sections 4-5 and 7-9, Township 10 North, Range 05 East, MDB&M.
Sections 31-32, Township 11 North, Range 05 East, MDB&M.

Latitude: 38.742° and Longitude: -121.447°

Maps showing the Project location are found in Attachment A of this Order.

VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of the Central Valley Water Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fifth Edition, May 2018 (Basin Plan). The plan for the region and other plans and policies may be accessed at the [State Water Resources Control Board's Plans and Policies Web page](http://www.waterboards.ca.gov/plans_policies/) (http://www.waterboards.ca.gov/plans_policies/). The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

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. This Order promotes that policy by requiring discharges to meet maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.

Project impact and receiving waters information can be found in Attachment B. Table 1 of Attachment B shows the receiving waters and beneficial uses of waters of the state impacted by the Project. Individual impact location and quantity is shown in Table 2 of Attachment B.

VII. Description of Direct Impacts to Waters of the State

The Project will directly impact a total of 5.154 acres of waters of the United States, specifically 0.280 acre drainage canal, 0.008 acre drainage swale, 0.184 acre ephemeral drainage, 0.501 acre of pond, 2.571 acres of riverine seasonal wetlands, 0.241 acre of seasonal wetland, and 1.369 acres of vernal pools. An additional 0.305 acre of waters of the United States will be indirectly impacted, specifically, 0.156 acre riverine seasonal wetland (from Infrastructure Segment A, Phase 1.1), 0.120 acre seasonal wetland (from Infrastructure Segment A, Phase 1.3), and 0.029 acre vernal pool (from infrastructure Segment A, Phase 1.2). These impacts will occur in four Phases (1.1, 1.2, 1.3, and 1.4).

Phase 1.1 will impact a total of 2.916 acres of waters of the United States, specifically 0.184 acre of ephemeral drainage (including 0.171 acre from Infrastructure Segment A, Phase 1.3), 0.173 acre of pond (including 0.016 acre from Infrastructure Segment A, Phase 1.3), 1.817 acre of riverine seasonal wetland (including 0.270 acre from Infrastructure Segment A, Phase 1.3), 0.124 acre of seasonal wetland, and 0.462 acre of vernal pool (includes 0.037 acre from Infrastructure Segment A, Phase 1.3). Indirect impacts include 0.156 acre riverine seasonal wetland.

Phase 1.2 will impact 1.035 acre of waters of the United States, specifically, 0.080 acre of drainage canal (including 0.001 acre from Infrastructure Segment W), 0.292 acre of riverine seasonal wetland, 0.104 acre of seasonal wetland (including 0.039 acre from Infrastructure Segment W), and 0.530 acre of vernal pool. Indirect impacts include 0.029 acre vernal pool.

Phase 1.3 will impact a total of 1.404 acres of waters of the United States, specifically, 0.200 acre of drainage canal (including 0.100 acre from Infrastructure Segment B), 0.008 acre of drainage swale, 0.328 acre of pond, 0.462 acre of riverine seasonal wetland (including 0.045 acre from Infrastructure Segment B), and 0.286 acres of vernal pool. Indirect impacts include 0.120 acre of seasonal wetland from infrastructure Segment B.

Phase 1.4 will impact a total of 0.104 acre of waters of the United States, specifically, 0.013 acre of seasonal wetland and 0.091 acre of vernal pool.

Phase 1.1, 1.2, 1.3, and 1.4 Project fill/excavation quantities for all impacts are summarized in Tables 1 through 7. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition.

Total Project fill/excavation quantities for all direct impacts are summarized in Tables 1 through 4. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition.

Table 1: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts (Phase 1.1)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Ephemeral Drainage	0.184	297	815
Pond	0.173	279	122
Riverine Seasonal Wetland	1.817	2,931	2,320
Seasonal Wetland	0.124	200	286
Vernal Pool	0.462	745	697

Table 2: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts (Phase 1.2)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Drainage Canal	0.080	129	1,205
Riverine Seasonal Wetland	0.292	471	766
Seasonal Wetland	0.104	168	292
Vernal Pool	0.530	855	691

Table 3: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts (Phase 1.3)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Drainage Canal	0.200	323	2,436
Drainage Swale	0.008	13	11
Pond	0.328	529	105
Riverine Seasonal Wetland	0.462	745	385
Vernal Pool	0.286	461	451

Table 4: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts (Phase 1.4)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Seasonal Wetland	0.013	21	35
Vernal Pool	0.091	147	212

VIII. Description of Indirect Impacts to Waters of the State

Based upon the Project’s activities, material to be discharged will include native soil graded and moved onsite. The Project activities may result in runoff, erosion, and subsequent sedimentation that, if not adequately controlled by best management practices, may result in indirect impacts to aquatic resources outside of the Project impact area. Specifically, there are indirect impacts to 0.156 acre riverine seasonal wetland, 0.029 acre of vernal pool, and 0.120 acre seasonal wetland that will be mitigated for in addition to the direct impacts. Indirect impacts are shown in Tables 5 through 7

Table 5: Total Project Fill/Excavation Quantity for Permanent Degradation of Ecological Condition Impacts (Phase 1.1)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Riverine Seasonal Wetland	0.156		246

Table 6: Total Project Fill/Excavation Quantity for Permanent Degradation of Ecological Condition Impacts (Phase 1.2)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Vernal Pool	0.029		76

Table 7: Total Project Fill/Excavation Quantity for Permanent Degradation of Ecological Condition Impacts (Phase 1.3)

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Seasonal Wetland	0.120		181

IX. Avoidance and Minimization

To minimize the potential effects of construction on water quality and resources, the Permittee shall implement all measures required as described in the Order and in the Permittee’s application materials.

X. Compensatory Mitigation

The Permittee has agreed to provide compensatory mitigation for direct and indirect impacts, described in section VII and section VIII for permanent impacts.

XI. California Environmental Quality Act (CEQA)

On 16 July 2007, Placer County Board of Supervisors, as lead agency, certified a Final Environmental Impact Report (FEIR)) (State Clearinghouse (SCH) No. 1999062020) for the Project and filed a Notice of Determination (NOD) at the SCH on 26 July 2007. A Mitigation Monitoring and Reporting Program was also adopted by the Placer County Board of Supervisors on 16 July 2007. On 14 February 2012, the Placer County Board of Supervisors adopted an Addendum to the FEIR. On 11 September 2012, the Placer County Board of Supervisors adopted modifications to the Mitigation Monitoring and Reporting Program and corresponding text revisions to the FEIR. On 6 January 2015, the Placer County Board of Supervisors approved an Addendum to the FEIR. Placer County Board of Supervisors adopted Mitigation Monitoring and Reporting Program modifications and corresponding text revisions to the FEIR on 8 November 2016 and filed a NOD with the SCH on 17 November 2016. Pursuant to CEQA, the Central Valley Water Board has made Findings of Facts (Findings) which support the issuance of this Order and are included in Attachment C.

XII. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

XIII. Fees Received

An application fee of \$2,066.00 was received on 10 November 2021. Project fees were paid under the previous certification under RGP 14 (see section I); a partial project fee of \$65,105.00 was received on 28 November 2018, and the remaining project fee balance of \$173.00 was received on 18 June 2019. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as Category A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

XIV. Conditions

The Central Valley Water Board has independently reviewed the record of the Project to analyze impacts to water quality and designated beneficial uses within the watershed of the Project. In accordance with this Order, the Permittee may proceed with the Project under the following terms and conditions:

A. Authorization

Impacts to waters of the state shall not exceed quantities shown in Tables 1 through 7.

B. Reporting and Notification Requirements

The following section details the reporting and notification types and timing of submittals. Requirements for the content of these reporting and notification types are detailed in Attachment D, including specifications for photo and map documentation during the Project. Written reports and notifications must be submitted using the Reporting and Notification Cover Sheet located in Attachment D, which must be signed by the Permittee or an authorized representative.

The Permittee must submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to:
centralvalleyredding@waterboards.ca.gov.

In the subject line of the email, include the Central Valley Water Board Contact, Project Name, and WDID No. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

1. Project Reporting

- a. **Monthly Reporting:** The Permittee must submit a Monthly Report to the Central Valley Water Board on the **1st day of each month** beginning the month after the submittal of the Commencement of Construction Notification. Monthly reporting shall continue until the Central Valley Water Board issues a Notice of Project Complete Letter to the Permittee.
- b. **Annual Reporting:** The Permittee shall submit an Annual Report each year on the 1st day of the month, one year after the effective date of the Order. Annual reporting shall continue until the Central Valley Water Board issues a Notice of Project Complete Letter to the Permittee.

2. Project Status Notifications

- a. **Commencement of Construction:** The Permittee shall submit a Commencement of Construction Report at least seven (7) days prior to start of initial ground disturbance activities and corresponding Waste Discharge Identification Number (WDID No.) issued under the NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ; NPDES No. CAS000002).
- b. **Request for Notice of Completion of Discharges Letter:** The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to the Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Central Valley Water Board staff shall issue a

Notice of Completion of Discharges Letter to the Permittee which will end the active discharge period.

- c. Request for Notice of Project Complete Letter:** The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete, and no further Project activities will occur. Completion of post-construction monitoring shall be determined by Central Valley Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria. This request shall be submitted to Central Valley Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Central Valley Water Board staff shall issue a Notice of Project Complete Letter to the Permittee which will end the post discharge monitoring period.

3. Conditional Notifications and Reports:

The following notifications and reports are required as appropriate.

a. Accidental Discharges of Hazardous Materials¹

Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Water Code, Section 13271):

- i. As soon as (A) Permittee has knowledge of the discharge or noncompliance, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:
- first call – 911 (to notify local response agency)
 - then call – Office of Emergency Services (OES) State Warning Center at:(800) 852-7550 or (916) 845-8911
 - Lastly, follow the required OES, procedures as set forth in the [Office of Emergency Services' Accidental Discharge Notification Web page](http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf) (http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf).

¹ "Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Safety Code, Section 25501.)

- ii. Following notification to OES, the Permittee shall notify Central Valley Water Board, as soon as practicable (ideally within 24 hours). Notification may be delivered via written notice, email, or other verifiable means.
 - iii. Within five (5) working days of notification to the Central Valley Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.
- b. Violation of Compliance with Water Quality Standards:** The Permittee shall notify the Central Valley Water Board of any event causing a violation of compliance with water quality standards. Notification may be delivered via written notice, email, or other verifiable means.
- i. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.
- c. In-Water Work and Diversions:**
- i. The Permittee shall notify the Central Valley Water Board at least forty-eight (48) hours prior to initiating work in water or stream diversions. Notification may be delivered via written notice, email, or other verifiable means.
 - ii. Within three (3) working days following completion of work in water or stream diversions, an In-Water Work/Diversions Water Quality Monitoring Report must be submitted to Central Valley Water Board staff.
- d. Modifications to Project**
- Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Central Valley Water Board staff if Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Central Valley Water Board staff of any Project modifications that will interfere with the Permittee's compliance with this Order. Notification may be made in accordance with conditions in the certification deviation section of this Order.
- e. Transfer of Property Ownership:**
- This Order is not transferable in its entirety or in part to any person or organization except after notice to the Central Valley Water Board in accordance with the following terms:
- i. The Permittee must notify the Central Valley Water Board of any change in ownership or interest in ownership of the Project area by submitting a Transfer of Property Ownership Report. The Permittee

and purchaser must sign and date the notification and provide such notification to the Central Valley Water Board at least 10 days prior to the transfer of ownership. The purchaser must also submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.

- ii. Until such time as this Order has been modified to name the purchaser as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.

f. Transfer of Long-Term BMP Maintenance:

If maintenance responsibility for post-construction BMPs is legally transferred, the Permittee must submit to the Central Valley Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer or designer specifications. The Permittee must provide such notification to the Central Valley Water Board with a Transfer of Long-Term BMP Maintenance Report at least 10 days prior to the transfer of BMP maintenance responsibility.

C. Water Quality Monitoring

1. General:

If surface water is present continuous visual surface water monitoring shall be conducted during active construction periods to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete). Sampling is not required in a wetland where the entire wetland is being permanently filled, provided there is no outflow connecting the wetland to surface waters. The Permittee shall perform surface water sampling:

- a. when performing any in-water work;
- b. during the entire duration of temporary surface water diversions;
- c. in the event that the Project activities result in any materials reaching surface waters; or
- d. when any activities result in the creation of a visible plume in surface waters.

2. Accidental Discharges/Noncompliance:

Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Central Valley Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.

3. In-Water Work or Diversions:

During planned in-water work, dewatering activities, or during the installation of removal of temporary water diversions, any discharge(s) to waters of the state shall conform to the following water quality standards:

- a. Waters shall not contain oils, greases, waxes, or other materials in concentrations that cause nuisance, result in a visible film or coating on the surface of the water or on objects in the water, or otherwise adversely affect beneficial uses.
- b. Activities shall not cause turbidity increases in surface water to exceed:
 - i. where natural turbidity is less than 1 Nephelometric Turbidity Units (NTUs), controllable factors shall not cause downstream turbidity to exceed 2 NTU;
 - ii. where natural turbidity is between 1 and 5 NTUs, increases shall not exceed 1 NTU;
 - iii. where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
 - iv. where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs;
 - v. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

In determining compliance with the above limits, appropriate averaging periods may be applied provided that beneficial uses will be fully protected. Averaging periods may only be used with prior permission of the Central Valley Water Board Executive Officer.

Sampling during in-water work or during the entire duration of temporary water diversions shall be conducted in accordance with Table 8 sampling parameters.² The sampling requirements in Table 8 shall be conducted upstream out of the influence of the Project, and approximately 300 feet downstream of the work area.

² Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Central Valley Water Board staff. Grab samples shall be taken between the surface and mid-depth and not be collected at the same time each day to get a complete representation of variations in the receiving water. A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.

The sampling frequency and/or monitoring locations may be modified for certain projects with written approval from Central Valley Water Board staff. An In-Water Work and Diversion Water Quality Monitoring Report, as described in Attachment D, shall be submitted within two weeks on initiation of in-water construction, and every two weeks thereafter. In reporting the data, the Permittee shall arrange the data in tabular form so that the sampling locations, date, constituents, and concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the Project complies with Order requirements. The report shall include surface water sampling results, visual observations, and identification of the turbidity increase in the receiving water applicable to the natural turbidity conditions specified in the turbidity criteria in XIV.C.3.

If no sampling is required, the Permittee shall submit a written statement stating, "No sampling was required" within two weeks on initiation of in-water construction, and every two weeks thereafter.

Table 8: Sample Type and Frequency Requirements

Parameter	Unit of Measurement	Type of Sample	Minimum Frequency
Turbidity	NTU	Grab	Every 4 hours
Visible construction related pollutants ³	Observations	Visual Inspections	Continuous throughout the construction period

4. Post-Construction:

Visually inspect the Project site during the rainy season for one year following completion of active Project construction activities to ensure excessive erosion, stream instability, or other water quality pollution is not occurring in or downstream of the Project site. If water quality pollution is occurring, contact the Central Valley Water Board staff member overseeing the Project within three (3) working days. The Central Valley Water Board may require the submission of a Violation of Compliance with Water Quality Standards Report. Additional permits may be required to carry out any necessary site remediation.

D. Standard

1. This Order is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330, and California Code of Regulations, title 23, Chapter 28, article 6 commencing with sections 3867-3869, inclusive. Additionally, the

³ Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.

Central Valley Water Board reserves the right to suspend, cancel, or modify and reissue this Order, after providing notice to the Permittee, if the Central Valley Water Board determines that: the Project fails to comply with any of the conditions of this Order; or, when necessary to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Water Code, section 13000 et seq.) or federal Clean Water Act section 303 (33 U.S.C. section 1313). For purposes of Clean Water Act section 401(d), the condition constitutes a limitation necessary to assure compliance with water quality standards and appropriate requirements of state law.

2. This Order is not intended and shall not be construed to apply to any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license, unless the pertinent certification application was filed pursuant to subsection 3855(b) of chapter 28, title 23 of the California Code of Regulations, and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. This Order is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations and owed by the Permittee.
4. In the event of any violation or threatened violation of the conditions of this Order, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. For purposes of Clean Water Act, section 401(d), the applicability of any state law authorizing remedies, penalties, processes, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Order.

E. General Compliance

1. Failure to comply with any condition of this Order shall constitute a violation of the Porter-Cologne Water Quality Control Act and the Clean Water Act. The Permittee and/or discharger may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.
2. Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plans by any applicable Regional Water Board or any applicable State Water Board (collectively Water Boards) water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.
3. In response to a suspected violation of any condition of this Order, the Central Valley Water Board may require the holder of this Order to furnish, under

penalty of perjury, any technical or monitoring reports the Water Boards deem appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The additional monitoring requirements ensure that permitted discharges and activities comport with any applicable effluent limitations, water quality standards, and/or other appropriate requirement of state law.

4. The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.
5. This Order and all of its conditions contained herein continue to have full force and effect regardless of the expiration or revocation of any federal license or permit issued for the Project. For purposes of Clean Water Act, section 401(d), this condition constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements of state law.
6. The Permittee shall adhere to all requirements in the mitigation monitoring and reporting program (MMRP) which is incorporated herein by reference and any additional measures as outlined in Attachment C, CEQA Findings of Fact.
7. **Construction General Permit Requirement:** The Permittee shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ; NPDES No. CAS000002), as amended, for discharges to surface waters comprised of storm water associated with construction activity, including, but not limited to, demolition, clearing, grading, excavation, and other land disturbance activities of one or more acres, or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres.

F. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment E of this Order.
2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & Wildlife Code, sections 2050-2097) or the federal Endangered Species Act (16 U.S.C. sections 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must comply with the California Endangered Species Act and

- federal Endangers Species Act prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.
3. The Permittee shall grant Central Valley Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:
 - a. Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.
 - b. Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.
 - c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.
 - d. Sample or monitor for the purposes of assuring Order compliance.
 4. A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.
 5. A copy of this Order must be available at the Project site(s) during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.

G. Construction

1. **Dewatering – Not Applicable**
2. **Directional Drilling – Not Applicable**
3. **Dredging – Not Applicable**
4. **Fugitive Dust:**

Dust abatement activities can cause discharges of sediment to streams and uplands through application of water or other fluids. Dust abatement chemicals added to water can be hazardous to wildlife and, if allowed to enter streams, detrimental to water quality. Therefore, dust abatement activities shall be conducted so that sediment or dust abatement chemicals are not discharged into waters of the state. Dust abatement products or additives that

are known to be detrimental to water quality or wildlife shall not be used, unless specific management needs are documented, and product-specific application plans are approved by Central Valley Water Board staff.

5. Good Site Management “Housekeeping”

- a. The Permittee shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the Project. The Plan must detail the Project elements, construction equipment types and location, access and staging and construction sequence. The Plan must be made available to the Central Valley Water Board staff upon request.
- b. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. The Permittee must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.
- c. All materials resulting from the Project shall be removed from the site and disposed of properly.

6. Hazardous Materials

- a. The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete or the washing thereof, asphalt, paint, coating material, drilling fluids, or other substances potentially hazardous to fish and wildlife resulting from or disturbed by project-related activities is prohibited and shall be prevented from contaminating the soil and/or entering waters of the state. In the event of a prohibited discharge, the Permittee shall comply with notification requirements in sections XIV.B.3.a and XIV.B.3.b.
- b. No wet concrete will be placed into wetland, vernal pool, stream channel or riparian habitat.
- c. Concrete must be completely cured before coming into contact with waters of the United States and waters of the state. Surface water that contacts wet concrete must be pumped out and disposed of at an appropriate off-site commercial facility, which is authorized to accept concrete wastes.

7. Invasive Species and Soil Borne Pathogens

Prior to arrival at the project site and prior to leaving the project site, construction equipment that may contain invasive plants and/or seeds shall be cleaned to reduce the spread of noxious weeds.

8. Post-Construction Storm Water Management

a. The Permittee must minimize the short and long-term impacts on receiving water quality from the Project by implementing the following post-construction storm water management practices and as required by local agency permitting the Project, as appropriate:

- i. Minimize the amount of impervious surface;
- ii. Reduce peak runoff flows;
- iii. Provide treatment BMPs to reduce pollutants in runoff;
- iv. Ensure existing waters of the state (e.g., wetlands, vernal pools, or creeks) are not used as pollutant source controls and/or treatment controls;
- v. Preserve and where possible, create or restore areas that provide important water quality benefits, such as riparian corridors, wetlands, and buffer zones;
- vi. Limit disturbances of natural water bodies and natural drainage systems caused by development (including development of roads, highways, and bridges);
- vii. Use existing drainage master plans or studies to ensure incorporation of structural and non-structural BMPs to mitigate the projected pollutant load increases in surface water runoff;
- viii. Identify and avoid development in areas that are particularly susceptible to erosion and sediment loss, or establish development guidance that protects areas from erosion/ sediment loss; and
- ix. Control post-development peak storm water run-off discharge rates and velocities to prevent or reduce downstream erosion, and to protect stream habitat.

b. The Permittee shall ensure that all development within the Project provides verification of maintenance provisions for post-construction structural and treatment control BMPs as required by the local agency permitting the Project. Verification shall include one or more of the following, as applicable:

- i. The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; or

- ii. Written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; or
- iii. Written text in Project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a homeowner's association, or other appropriate group, for maintenance of structural and treatment control BMPs; or
- iv. Any other legally enforceable agreement that assigns responsibility for storm water BMPs maintenance.

9. Roads

- a. The number of access routes, number and size of staging areas, and the total area of the activity must be limited to the minimum necessary to achieve the project goal. Routes and work area boundaries must be clearly demarcated.
- b. Bridges, culverts, dip crossings, or other structures must be installed so that water and in-stream sediment flow is not impeded. Appropriate design criteria, practices and materials must be used in areas where access roads intersect waters of the state.
- c. Temporary materials placed in any water of the state must be removed as soon as construction is completed at that location, and all temporary roads must be removed or re-contoured and restored according to approved re-vegetation and restoration plans.
- d. Any structure, including but not limited to, culverts, pipes, piers, and coffer dams, placed within a stream where fish (as defined in California Fish and Game Code section 45) exist or may exist, must be designed, constructed, and maintained such that it does not constitute a barrier to upstream or downstream movement of aquatic life, or cause an avoidance reaction by fish due to impedance of their upstream or downstream movement. This includes, but is not limited to, maintaining the supply of water and maintaining flows at an appropriate depth, temperature, and velocity to facilitate upstream and downstream fish migration. If any structure results in a long-term reduction in fish movement, the discharger shall be responsible for restoration of conditions as necessary (as determined by the Water Board) to secure passage of fish across the structure.
- e. A method of containment must be used below any temporary bridge, trestle, boardwalk, and/or other stream crossing structure to prevent any debris or spills from falling into the waters of the state. Containment must be maintained and kept clean for the life of the temporary stream crossing structure.

10. Sediment Control

- a. Except for activities permitted by the United States Army Corps of Engineers under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.
- b. Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the state through the entire duration of the Project.
- c. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.

11. Special Status Species

Federally-threatened Vernal Pool Fairy Shrimp (*VPFS; Branchinecta lynchi*).
Federally-endangered Vernal Pool Tadpole Shrimp (*VPTS; Lepidurus packardii*).

12. Stabilization/Erosion Control

- a. All areas disturbed by Project activities shall be protected from washout and erosion.
- b. Hydroseeding shall be performed with California native seed mix.

13. Storm Water

- a. During the construction phase, the Permittee must employ strategies to minimize erosion and the introduction of pollutants into storm water runoff. These strategies must include the following:
 - i. An effective combination of erosion and sediment control Best Management Practices (BMPs) must be implemented and adequately working prior to the rainy season and during all phases of construction.

H. Site Specific – Not Applicable

I. Total Maximum Daily Load (TMDL) – Not Applicable

J. Mitigation for Temporary Impacts – Not Applicable

K. Compensatory Mitigation for Permanent Impacts:

Compensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the state.

1. Final Compensatory Mitigation Plan

- a. The Permittee submitted a compensatory mitigation plan as part of a complete application that was accepted by Central Valley Water Board staff. The Permittee shall implement the approved plan prior to impacts to waters of the state.

2. Purchase of Mitigation Credits by Permittee for Compensatory Mitigation

- a. A copy of the fully executed agreement for the purchase of mitigation credits for each Phase (Phase 1.1, 1.2, 1.3, and 1.4) shall be provided to the Central Valley Water Board prior to the initiation of in water work for that Phase.
- b. The Permittee shall retain responsibility for providing the compensatory mitigation and long-term management until Central Valley Water Board staff has received documentation of the credit purchase and the transfer agreement between the Permittee and the seller of credits.

3. Total Required Compensatory Mitigation

a. Total Required Compensatory Mitigation for Phase 1.1

- i. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.184 acre of ephemeral drainage by purchasing 0.276 Aquatic/Wetland credits in the Placer County Conservation Program In-Lieu Fee Program.
- ii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.173 acre of ponds by purchasing 0.260 Aquatic/Wetland credits in the Placer County Conservation Program In-Lieu Fee Program.
- iii. The Permittee is required to provide compensatory mitigation for the authorized impact to 1.817 acres of riverine seasonal wetlands by purchasing 0.617 of Riverine/Riparian credits and 2.116 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- iv. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.124 acre seasonal wetlands by purchasing 0.186 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- v. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.462 acres of vernal pools by purchasing 0.693 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.

- vi. Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 9. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 9: Total Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area (Phase 1.1)

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Aquatic/Wetland	In-Lieu Fee Credits	Acres						0.536
Riverine/Riparian	In-Lieu Fee Credits	Acres						0.617
Vernal Pool	In-Lieu Fee Credits	Acres						2.995

b. Total Required Compensatory Mitigation for Phase 1.2

- i. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.080 acre of drainage canal by purchasing 0.120 Aquatic/Wetland credits in the Placer County Conservation Program In-Lieu Fee Program.
- ii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.292 acre of riverine seasonal wetland by purchasing 0.438 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- iii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.104 acre of seasonal wetland by purchasing 0.156 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- iv. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.530 acre vernal pools by purchasing 0.795 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- v. Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 10. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 10: Total Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area (Phase 1.2)

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Aquatic/Wetland	In-Lieu Fee Credits	Acres						0.120
Vernal Pool	In-Lieu Fee Credits	Acres						1.389

c. Total Required Compensatory Mitigation for Phase 1.3

- i. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.200 acre of drainage canal by purchasing 0.300 Aquatic/Wetland credits in the Placer County Conservation Program In-Lieu Fee Program.
- ii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.008 acre of drainage swale by purchasing 0.012 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- iii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.328 acre of pond by purchasing 0.492 Aquatic/Wetland credits in the Placer County Conservation Program In-Lieu Fee Program.
- iv. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.462 acre riverine seasonal wetland by purchasing 0.248 Riverine/Riparian credits and 0.448 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- v. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.286 acre of vernal pools by purchasing 0.429 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- vi. Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 11. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 11: Total Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area (Phase 1.3)

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Aquatic/Wetland	In-Lieu Fee Credits	Acres						0.792
Riverine/Riparian	In-Lieu Fee Credits	Acres						0.248
Vernal Pool	In-Lieu Fee Credits	Acres						0.889

d. Total Required Compensatory Mitigation for Phase 1.4

- i. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.013 acre of seasonal wetland by purchasing 0.020 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- ii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.091 acre of Vernal Pool by purchasing 0.136 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- iii. Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 12. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 12: Total Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area (Phase 1.4)

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Vernal Pool	In-Lieu Fee Credits	Acres						0.156

- e. The Permittee is required to provide compensatory mitigation for indirect impacts to 0.156 acre of riverine seasonal wetland (Phase.1.1) by purchasing 0.234 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.

- f. The Permittee is required to provide compensatory mitigation for indirect impacts to 0.029 vernal pool (Phase.1.2) by purchasing 0.044 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- g. The Permittee is required to provide compensatory mitigation for the authorized indirect impact to 0.120 acre of seasonal wetland (Phase.1.3) by purchasing 0.180 Vernal Pool credits in the Placer County Conservation Program In-Lieu Fee Program.
- h. Total required Project compensatory mitigation information for indirect impacts is summarized in Table 13. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 13: Total Required Project Compensatory Mitigation Quantity for Permanent Degradation of Ecological Condition and Temporal Loss

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Vernal Pool	In-Lieu Fee Credits	Acres						0.458

L. Certification Deviation

1. Minor modifications of Project locations or predicted impacts may be necessary as a result of unforeseen field conditions, necessary engineering re-design, construction concerns, or similar reasons. Some of these prospective Project modifications may have impacts on water quality. Some modifications of Project locations or predicted impacts may qualify as Certification Deviations as set forth in Attachment F. For purposes of this Certification, a “Certification Deviation” is a Project locational or impact modification that does not require an immediate amendment of the Order, because the Central Valley Water Board has determined that any potential water quality impacts that may result from the change are sufficiently addressed by the Order conditions and the CEQA Findings. After the termination of construction, this Order will be formally amended to reflect all authorized Certification Deviations and any resulting adjustments to the amount of water resource impacts and required compensatory mitigation amounts.
2. A Project modification shall not be granted a Certification Deviation if it warrants or necessitates changes that are not addressed by the Order conditions or the CEQA environmental document such that the Project impacts are not addressed in the Project’s environmental document or the conditions of this Order. In this case a supplemental environmental review and different Order will be required.

XV. Water Quality Certification

I hereby issue the Order for the Placer Vineyards Infrastructure Segment A Project (Infrastructure Segment A), WDID No. 5A31CR00565, certifying that as long as all of the conditions listed in this Order are met, any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards).

The Central Valley Water Board will file a Notice of Determination (NOD) at the SCH within five (5) working days of issuance of this Order. This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes this Order to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Water Code, section 13000 et seq.).

Except insofar as may be modified by any preceding conditions, all Order actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the conditions of this Order and the attachments to this Order; and, (b) compliance with all applicable requirements of Statewide Water Quality Control Plans and Policies, the Regional Water Boards' Water Quality Control Plans and Policies.

Original Signed by Clint Snyder, AEO (for)
Patrick Pulupa, Executive Officer
Central Valley Regional Water Quality Control Board

1/6/2022
Date

- Attachment A:** Project Maps
- Attachment B:** Receiving Waters, Impacts, and Mitigation Information
- Attachment C:** CEQA Findings of Facts
- Attachment D:** Report and Notification Requirements
- Attachment E:** Signatory Requirements
- Attachment F:** Certification Deviation Procedures
- Attachment G:** Justification for Section XIV Conditions

(This page intentionally left blank)

Figure 1: Project Location Map.

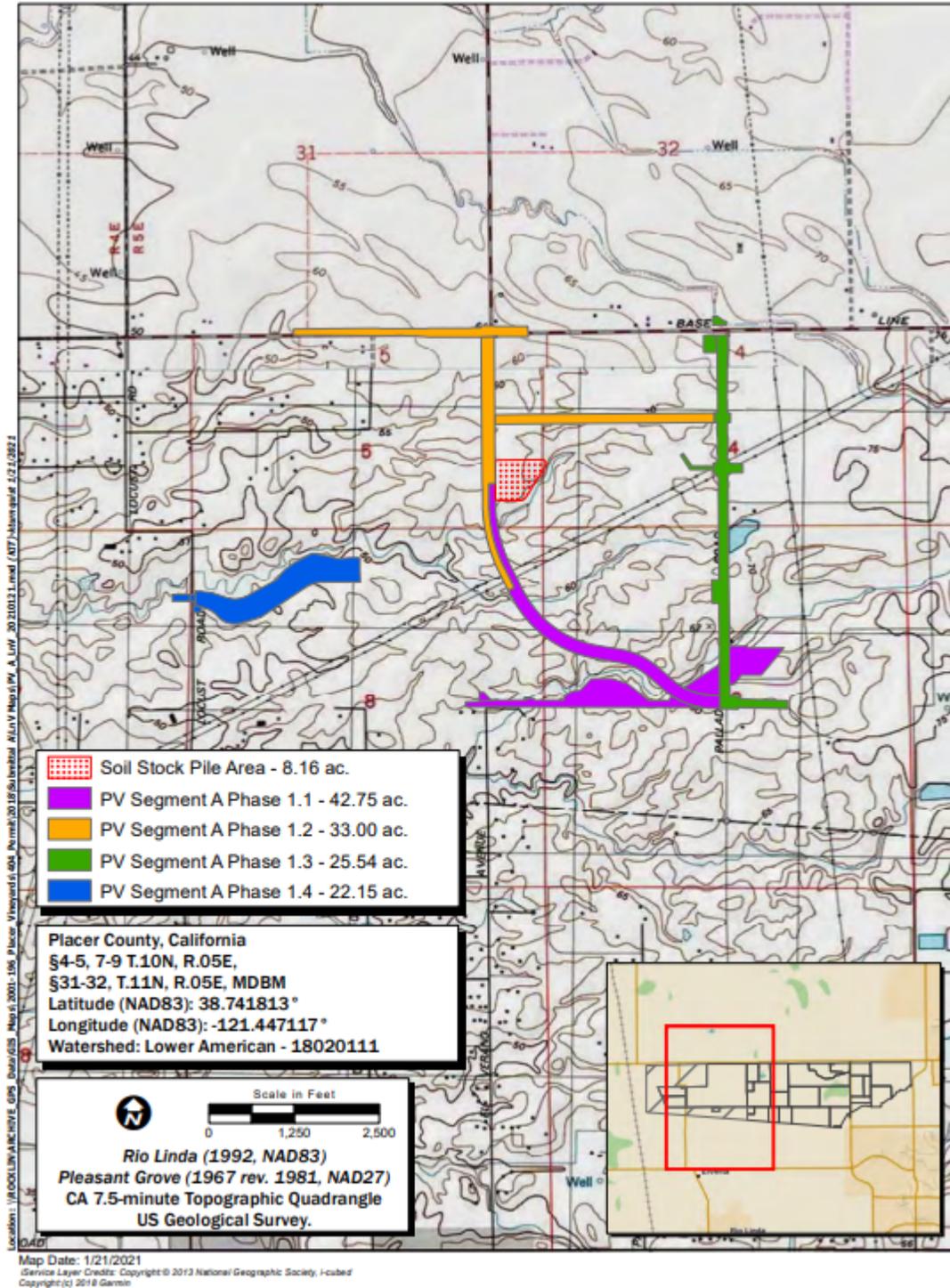


Figure 2. Project Area

2017-243.01 Placer Vineyards Infrastructure



Figure 2. Project Vicinity and Context Map.

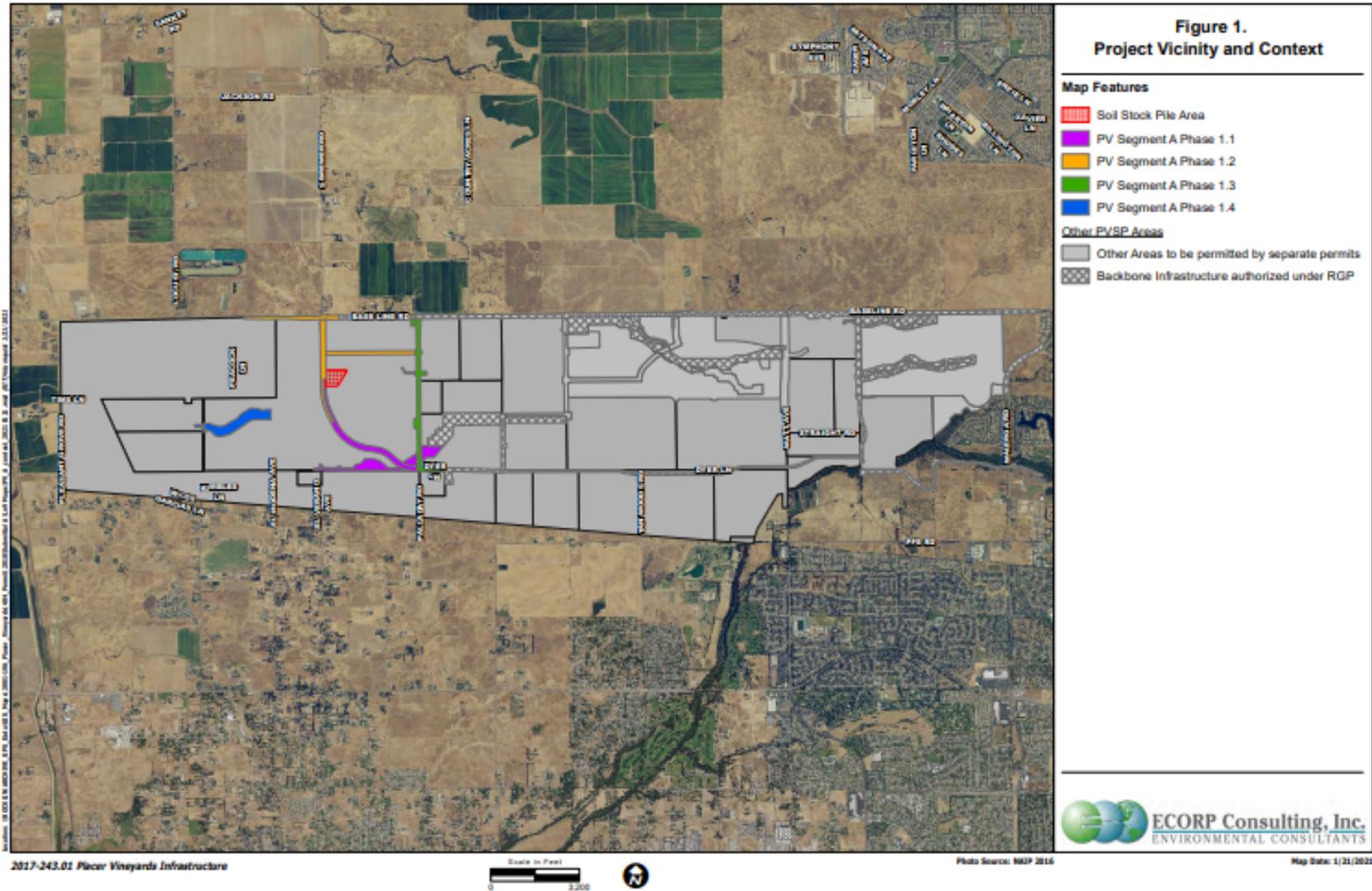
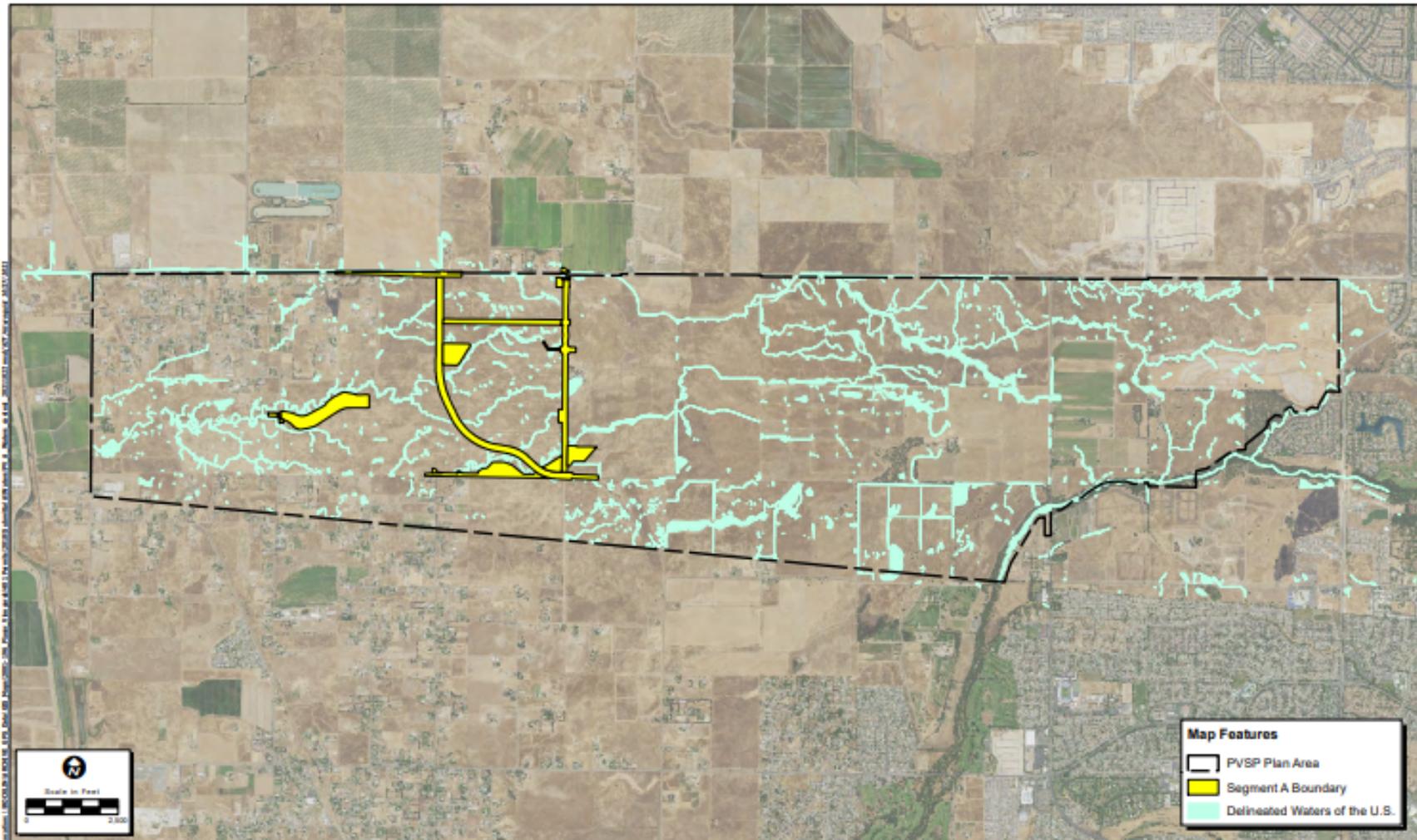


Figure 3. Waters Context Map.



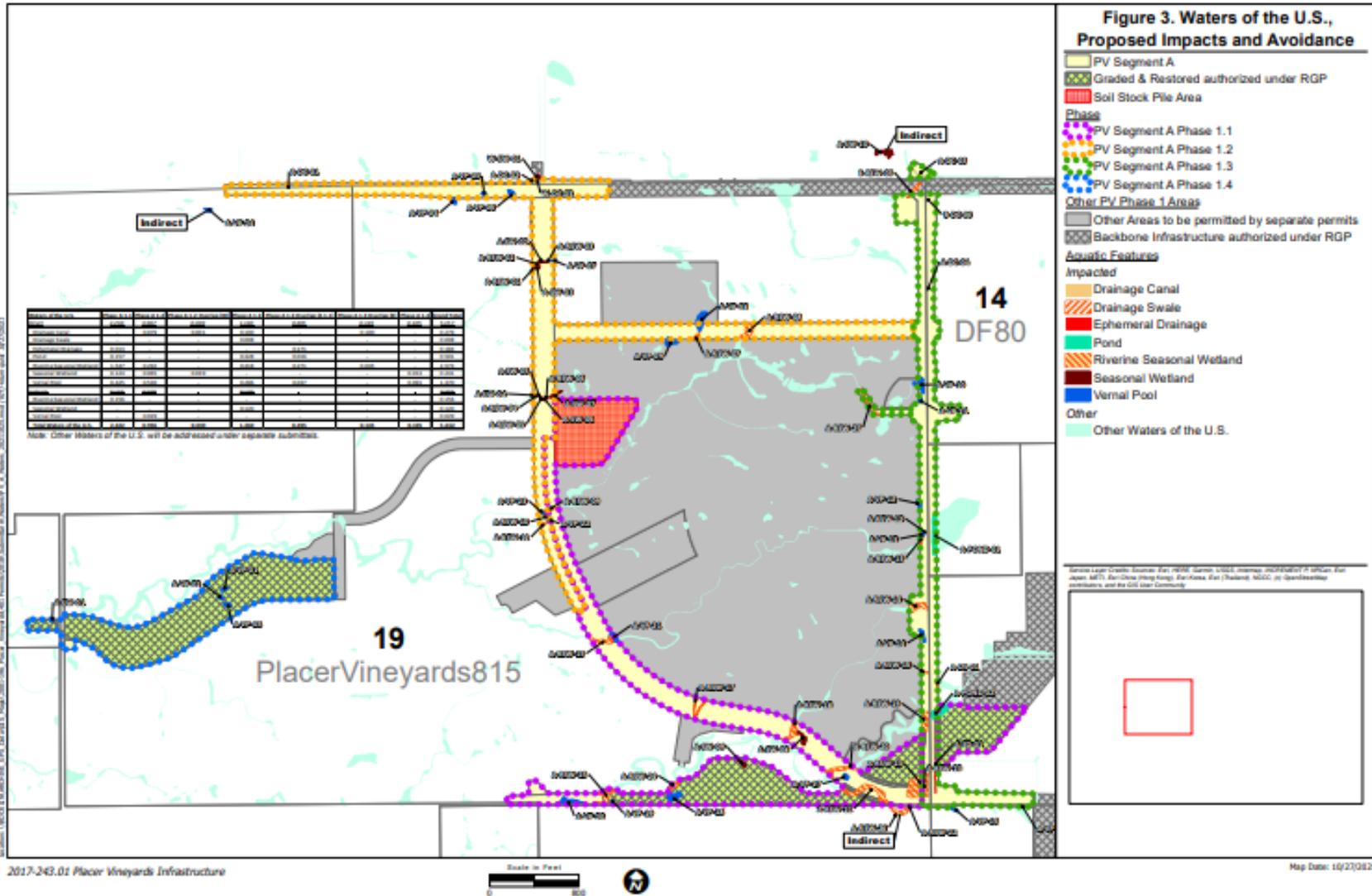
Map Date: 10-27-2021
Photo Source: NADP 2019



Figure 4. Waters Context

2021-2022 Placer Vineyards Development Group

Figure 4. Impacts Location Map.



(This page intentionally left blank)

Receiving Waters, Impacts and Mitigation Information

The following table shows the receiving waters associated with each impact site.

Table 1: Receiving Waters Information

Impact Site ID	Waterbody Name	Impacted Aquatic Resources Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	California Rapid Assessment Method (CRAM) ID
Drainage Canal	Unnamed	Aquatic/Wetland	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable
Drainage Swale	Unnamed	Vernal Pool	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable
Ephemeral Drainage	Unnamed	Aquatic/Wetland	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable
Pond	Unnamed	Aquatic/Wetland	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable

Impact Site ID	Waterbody Name	Impacted Aquatic Resources Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	California Rapid Assessment Method (CRAM) ID
Riverine Seasonal Wetland	Unnamed	Riverine/Riparian/Vernal Pool	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable
Seasonal Wetland	Unnamed	Vernal Pool	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable
Vernal Pool	Unnamed	Vernal Pool	519.21	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV	Not Applicable	Not Applicable

Individual Direct Impact Locations

The following tables show individual impacts.

Table 2: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
Drainage Canal	38.742	-121.447	No	0.279	451	3,641
Drainage Swale	38.742	-121.447	No	0.008	13	11
Ephemeral Drainage	38.742	-121.447	No	0.184	297	815
Pond	38.742	-121.447	No	0.501	808	227
Riverine Seasonal Wetland	38.742	-121.447	No	2.573	4,147	3,471
Riverine Seasonal Wetland	38.742	-121.447	Yes	0.156		246
Seasonal Wetland	38.742	-121.447	No	0.241	389	613
Seasonal Wetland	38.742	-121.447	Yes	0.120		181
Vernal Pool	38.742	-121.447	No	1.370	2,208	2,051
Vernal Pool	38.742	-121.447	Yes	0.029		76

Compensatory Mitigation Information

The following table(s) show individual compensatory mitigation information and locations.

In-Lieu Fee Compensatory Mitigation Information

Table 3: In-Lieu Fee Program

In-Lieu Fee Program Name:	Placer County Conservation Program (PCCP) In-Lieu Fee Program
Website:	www.placerconservation.com (https://placerconservation.com)
In-Lieu Fee Program Contact Name:	Gregg McKenzie or Theresa Johnson
Phone:	(530) 745-3074 or (530) 745-3129
Email:	gammckenz@placer.ca.gov or tjohnson@placer.ca.gov
In-Lieu Fee Program Location - County:	Placer County
Latitude:	To Be Determined
Longitude:	To Be Determined

Table 4: Mitigation Type Information

Aquatic Resource Credit Type	Acres	Linear Feet	Number of Credits Purchased
Aquatic/Wetland	1.447		Not Yet Purchased
Riverine/Riparian	0.866		Not Yet Purchased
Vernal Pool	5.888		Not Yet Purchased

(This page is intentionally left blank)

A. Environmental Review

On 16 July 2007, Placer County Board of Supervisors, as lead agency, certified a Final Environmental Impact Report (FEIR) (State Clearinghouse (SCH) No. 1999062020) for the Placer Vineyards Specific Plan and filed a Notice of Determination (NOD) at the SCH on 26 July 2007. A Mitigation Monitoring and Reporting Program was also adopted by the Placer County Board of Supervisors on 16 July 2007. On 14 February 2012, the Placer County Board of Supervisors adopted an Addendum to the FEIR. On 11 September 2012, the Placer County Board of Supervisors adopted modifications to the Mitigation Monitoring and Reporting Program and corresponding text revisions to the FEIR. On 6 January 2015, the Placer County Board of Supervisors approved an Addendum to the FEIR. Placer County Board of Supervisors adopted Mitigation Monitoring and Reporting Program modifications and corresponding text revisions to the FEIR on 8 November 2016 and filed a NOD with the SCH on 17 November 2016.

The Central Valley Water Board is a responsible agency under CEQA (Public Resources Code, section 21069) and in making its determinations and findings, must presume that Placer County's certified environmental document comports with the requirements of CEQA and is valid. (Public Resources Code, section 21167.3.) The Central Valley Water Board has reviewed and considered the environmental document and finds that the environmental document prepared by Placer County addresses the Project's water resource impacts. (California Code of Regulations, Title 14, section 15096, subd. (f).) The environmental document includes the Mitigation Monitoring and Reporting Program (MMRP) developed by Placer County for all mitigation measures that have been adopted for the Project to reduce potential significant impacts. (Public Resources Code, section 21081.6, subd. (a)(1); California Code of Regulations, Title 14, section 15091, subd. (d).)

B. Incorporation by Reference

Pursuant to CEQA, these Findings of Facts (Findings) support the issuance of this Order based on the Project FEIR, the application for this Order, and other supplemental documentation.

All CEQA project impacts, including those discussed in subsection C below, are analyzed in detail in the Project FEIR which is incorporated herein by reference. The Project FEIR is available at: [County of Placer - Placer Vineyards Specific Plan - Environmental Impact Report](https://www.placer.ca.gov/3566/Environmental-Impact-Report) (<https://www.placer.ca.gov/3566/Environmental-Impact-Report>).

Requirements under the purview of the Central Valley Water Board in the MMRP are incorporated herein by reference.

The Permittee's application for this Order, including all supplemental information provided, is incorporated herein by reference.

C. Findings

The FEIR describes the potential significant environmental effects to water resources. Having considered the whole of the record, the Central Valley Water Board makes the following findings:

- (1) Findings regarding impacts that will be mitigated to a less than significant level. (Public Resources Code, section 21081, subd. (a)(1); California Code of Regulations, title 14, section 15091, subd. (a)(1).)

Changes or alterations have been required in, or incorporated into, the Project which avoid or substantially lessen the significant environmental effect as identified in the FEIR.

a.i. Significant Effects:

Water Quality Impact 4.3.4-1 (FEIR Water Quality Section):

Surface water quality in the Specific Plan area could be degraded following site development by the introduction of urban pollutants including vehicle oils and greases, heavy metals on roads, parking lots, and driveways, fertilizers and pesticides used on site landscaping, and toxic compounds released from auto maintenance areas into surface runoff.

Given the extent of proposed development and roadway improvements, the overall potential for generation of urban pollutants, and because drainage from the Specific Plan area is ultimately conveyed into a potable water source, this is a **potentially significant impact**.

a.ii. Facts in Support of Finding:

Mitigation Measures 4.3.4-1a–1g identified in the FEIR implemented by the developers will incorporate a source control approach to managing storm water into the design of the project (low impact development) and will employ a variety of integrated BMPs to reduce storm water runoff.

Through implementation of contemporary techniques for treatment and control of runoff, the direct water quality impacts of the project can be mitigated to a **less than significant level**.

b.i. Significant Effects:

Water Quality Impact 4.3.4-2 (FEIR Water Quality Section):

Construction during both wet and dry weather will affect water quality with increased sedimentation, operation and maintenance of construction vehicles and storage of materials that could release contamination to surface waters.

This increase in sediment loads and turbidity in local drains would be considered a **significant short term water quality impact**.

b.ii. Facts in Support of Finding:

Mitigation Measures 4.3.4-2a–2c identified in the FEIR would reduce the impact of short-term surface water quality degradation that would occur during development of the Specific Plan area to a **less than significant level**.

c.i. Significant Effects:

Water Quality Impact 4.3.4-3 (FEIR Water Quality Section):

Improvements to drainage swales and channels could result in the removal of existing vegetation. Loss of vegetation could result in increased bank erosion, higher water velocities and water quality degradation.

Although it is planned that major swales and drainage channels on the site be retained, loss of vegetation within and adjacent to existing swales and channels will occur due to project construction. This is considered a **potentially significant impact**.

c.ii. Facts in Support of Finding:

Mitigation Measures 4.3.4-3a–3b identified in the FEIR will reduce the potentially-significant impact of vegetation loss that will occur during and after drainage improvements within the Specific Plan area to a **less than significant level**.

d.i. Significant Effects:

Water Quality Impact 4.3.4-4 (FEIR Water Quality Section):

Groundwater quality in the Specific Plan area could be degraded during and after construction by the introduction of construction pollutants and urban pollutants, including vehicle oils and greases; heavy metals on roads, parking lots, and driveways; fertilizers and pesticides used on site landscaping; and toxic compounds released from auto maintenance areas. This is a **potentially significant impact**.

d.ii. Facts in Support of Finding:

All existing groundwater wells within the Specific Plan area shall be abandoned and sealed or be inspected and, if found to be improperly sealed, properly sealed, or destroyed and replaced, in accordance with Placer County Environmental Health Division Standards. Mitigation Measures 4.3.4-4 identified in the FEIR will reduce impacts related to contamination of wells and groundwater to a **less than significant level**.

e.i. Significant Effects:

Water Quality Impact 4.3.4-7 (FEIR Water Quality Section):

Construction of off-site infrastructure can affect water quality causing increased sedimentation, operation and maintenance of construction vehicles, and storage of materials that could release contamination to surface waters. This increase in sediment loads and turbidity in local drains would be considered a **significant short term water quality impact**.

e.ii. Facts in Support of Finding:

Mitigation Measures 4.3.4-7a–7c identified in the FEIR would reduce the significant impact of short-term surface water quality degradation that could occur during the development of off-site infrastructure in Placer County to a **less than significant level**. Mitigation Measures 4.3.4-7a–7c require in part a Storm Water Pollution Prevention Plan (SWPPP); an NPDES Stormwater Construction General Permit; submittal of an erosion control plan, for review and approval, to Placer County Department of Public Works consistent with the County's Grading, Erosion and Sediment Control Ordinance; and BMPs for construction to be developed in accordance with the *California Stormwater Quality Association Stormwater Best Management Practice Handbook for Construction and New Development/Redevelopment*.

f.i. Significant Effects:

Water Quality Impact 4.3.4-9 (FEIR Water Quality Section):

The Specific Plan could contribute to cumulative degradation of Dry Creek water quality, including additional erosion and sedimentation due to increased effluent discharge from the DCWWTP [Dry Creek Wastewater Treatment Plant]. The following effects on water quality, erosion and sedimentation are cumulatively less than significant and no mitigation is required: mercury loading, changes in pH, nutrient loading, change in taste or creation of odors, velocity, bank scour, and turbidity. The following effects are **cumulatively considerable and significant** but can be mitigated to a less than significant level by application of mitigation measures set forth in the 1996 WWTP Master Plan EIR [City of Roseville, 1996]: temperature change, introduction of trace metals and organics, and changes in dissolved oxygen.

f.ii. Facts in Support of Finding:

Mitigation Measures 4.3.4-9a–9c identified in the FEIR would reduce impacts related to temperature change, introduction of trace metals and organics, and changes in dissolved oxygen to a **less than significant level**.

g.i. Significant Effects:

Biological Resources Impact 4.4-12 (FEIR Biological Resources Section):

Development could result in the loss of riparian habitat and disturbance of drainages. Impacts could occur in off-site infrastructure areas. Indirect impacts to riparian corridors could negatively affect species dependent upon riparian habitat, even though riparian vegetation is not directly impacted; however, project setbacks and project design elements should reduce such impacts to a less than significant level. This impact would be considered **significant**.

g.ii. Facts in Support of Finding:

Implementation of the proposed Specific Plan would ensure that on-site riparian areas that are to be retained (such as streams) would be protected from damage or disturbance by construction and that there would be “no net loss” of riparian habitat within these areas. In the event a stream crossing cannot be avoided, implementation of Mitigation Measures 4.4-12a–12b would reduce potential impacts on streams and riparian habitat to a **less than significant level**.

h.i. Significant Effects:

Geology and Soils Impact 4.5-4 (FEIR Geology and Soils Section):

Construction activities resulting in ground disturbance (topographic alteration) could create a moderate potential for ground instability and erosion. Erosion is anticipated to occur in disturbed soil areas. Soil stockpiles could be susceptible to erosion and soil loss. These impacts are considered to be **potentially significant**.

h.ii. Facts in Support of Finding:

Mitigation Measures 4.5-4a-4f identified in the FEIR will reduce the magnitude of topographic alteration impacts to a **less than significant level**.

i.i. Significant Effects:

Geology and Soils Impact 4.5-5 (FEIR Geology and Soils Section):

Construction activities related to off-site infrastructure resulting in ground disturbance (topographic alteration) could create a potential for ground instability and soil erosion. Impacts related to ground disturbance that could result from trench/pipeline construction within the off-site utility corridors, roadway widening, or expansion of wastewater treatment plant-related facilities are similar to those for proposed utility improvements and construction within the Specific Plan area. These impacts could be **potentially significant**.

i.ii. Facts in Support of Finding:

Implementation of Mitigation Measure 4.5-4a-4f identified in the FEIR, and compliance with mitigation measures 4.5-5a-5e identified in the FEIR and described in the Roseville Regional Wastewater Treatment Service Area Master EIR and the Sacramento Regional Wastewater Treatment Plant 2020 Master Plan EIR will reduce impacts to a **less than significant level**.

- (2) Findings regarding mitigation measures which are the responsibility of another agency. (Public Resources Code, section 21081, subd. (a)(2); California Code of Regulations, title 14, section 15091, subd. (a)(2)).

There are changes or alterations that are within the responsibility and jurisdiction of another public agency and not the jurisdiction of the Central Valley Water Board. Such changes have been adopted by such other agency or can and should be adopted by such other agency.

- (3) Findings regarding significant water quality or supply impacts being authorized due to specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers that cannot feasibly be mitigated to a less than significant level. (Public Resources Code, section 21081, subd. (a)(3); California Code of Regulations, title 14, section 15091, subd. (a)(3).)

Specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers, make infeasible the mitigation measures or project alternatives identified in the FEIR.

a.i. Significant Effects:

Water Quality Impact 4.3.4-8 (FEIR Water Quality Section):

Surface water quality in the Specific Plan area could be degraded following site development by the introduction of urban pollutants including vehicle oils and greases, heavy metals on roads, parking lots, and driveways, fertilizers and pesticides used on site landscaping, and toxic compounds released from auto maintenance areas into surface runoff. This potential long-term water quality degradation is considered a **cumulatively considerable significant impact**.

a.ii. Facts in Support of Finding:

Mitigation Measures 4.3.4-1a-1e identified in the FEIR will reduce the impact of cumulative long-term surface water quality degradation that would occur after the development of improvements in the Specific Plan area. However, because Placer County cannot assure that pollutant levels will be reduced to pre-development levels on an area-wide basis, long-term impacts **will remain significant, cumulative and unavoidable**.

b.i. Significant Effects:

Biological Resources Impact 4.4-1 (FEIR Biological Resources Section):

Development will remove the majority of open space in the Specific Plan area.

b.ii. Facts in Support of Finding:

While the loss of open space will be substantially lessened by mitigation measures 4.4-1a–1j as identified in the FEIR, the impact will **remain significant and unavoidable**.

c.i. Significant Effects:

Biological Resources Impact 4.4-11 (FEIR Biological Resources Section):

Development would fill jurisdictional and non-jurisdictional wetlands, and other jurisdictional waters of the U.S. The loss of jurisdictional and non-jurisdictional wetlands would be **considered significant**.

c.ii. Facts in Support of Finding:

Mitigation Measures 4.4-11a–11b identified in the FEIR would substantially lessen potential impacts on wetlands. To the extent that replacement, re-creation or restoration of wetlands may be approved, this impact would be reduced; however, because the mitigation measure does not guarantee preservation on-site within the Specific Plan area, this impact must remain **significant**.

d.i. Significant Effects:

Biological Resources Impact 4.4-26 (FEIR Biological Resources Section):

Installation and maintenance of infrastructure within the off-site infrastructure areas could fill jurisdictional and non-jurisdictional wetlands and other jurisdictional waters of the U.S. The loss of both jurisdictional and non-jurisdictional wetlands would be **considered significant**.

d.ii. Facts in Support of Finding:

Mitigation measure 4.4-26 as identified in the FEIR would substantially lessen the loss or disturbance of wetlands. However, some of the project infrastructure improvements would be located in and under the jurisdiction of Sutter County, Sacramento County and/or the City of Roseville, and Placer County cannot compel these jurisdictions to adopt or implement mitigation measures. For this reason and because the mitigation does not guarantee preservation of jurisdictional waters within Placer County, the potential impact on wetlands will **remain significant and unavoidable**.

e.i. Significant Effects:

Biological Resources Impact 4.4-27 (FEIR Biological Resources Section):

Installation and maintenance of infrastructure within the off-site infrastructure areas could result in the loss of riparian habitat and disturbance of drainages. Utility lines will cross streams or other drainages (e.g., Dry Creek); however, project proponents will use jack and bore construction techniques in order to avoid any direct impact to these features. Impacts would, however, occur due to widening associated with the Watt Avenue bridge, including disturbance of stream channels and loss of 0.54 acres of riparian habitat. This impact would be **considered significant**.

e.ii. Facts in Support of Finding:

Mitigation measure 4.4-27 as identified in the FEIR would lessen the impacts to riparian habitat. However, some of the project infrastructure improvements would be located in and under the jurisdiction of Sutter County, Sacramento County and/or the City of Roseville, and Placer County cannot compel these jurisdictions to adopt or implement mitigation measures. For this reason, the potential impact on riparian areas will **remain significant and unavoidable**.

D. Statement of Overriding Considerations

The Placer County Board of Supervisors FEIR identifies certain significant impacts to the environment that cannot be avoided or substantially lessened with the application of feasible mitigation measures or feasible alternatives. Because there are significant and unavoidable impacts the Central Valley Water Board provides this Statement of Overriding Considerations in compliance with CEQA. (Public Resources Code, section 21081, subd (b); California Code of Regulations, Title 14, section 15093.)

The significant and unavoidable impacts and the benefits related to implementing the Placer Vineyards Specific Plan are disclosed in the FEIR, CEQA Findings of Fact, and Statement of Overriding Considerations. The unavoidable impacts within the Central Valley Water Board's jurisdiction are discussed in subsection C above.

The Central Valley Water Board has independently reviewed and considered the Lead Agency's documentation and findings. The Central Valley Water Board has considered the economic, legal, social, technological, and other benefits of the Project against its significant unavoidable impacts to water quality and finds that the specific economic and social benefits of implementing the Project—including local job growth and employment opportunities—outweigh the significant and unavoidable impacts to water resources identified above.

E. Determination

The Central Valley Water Board has reviewed and considered the environmental document and supplemental information provided by the Placer County Board of Supervisors and has reached its own conclusion to approve this Project. The Central Valley Water Board will file a NOD with the SCH within five (5) working days from the issuance of this Order. (California Code of Regulations, title 14, section 15096.)

(This page intentionally left blank)

REPORTS AND NOTIFICATION REQUIREMENTS

I. Copies of this form

In order to identify your project, it is necessary to include a copy of the Project specific Cover Sheet below with your report; please retain for your records. If you need to obtain a copy of the Cover Sheet, you may download a copy of this Order as follows:

- A. [Central Valley Regional Water Quality Control Board's Adopted Orders Web page](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/401_wqcerts/)
(https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/401_wqcerts/).
- B. Find your Order based on the County, Permittee, WDID No., and/or Project Name.

II. Report Submittal Instructions

- A. Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting. **(See your Order for specific reports required for your Project)**
 - **Part A (Monthly and Annual Reports):** These reports will be submitted monthly and annually until a Notice of Project Complete Letter is issued.
 - **Part B (Project Status Notifications):** Used to notify the Central Valley Water Board of the status of the Project schedule that may affect Project billing.
 - **Part C (Conditional Notifications and Reports):** Required on a case by case basis for accidental discharges of hazardous materials, violation of compliance with water quality standards, notification of in-water work, or other reports.
- B. Sign the Report and Notification Cover Sheet and attach all information requested for the Report Type.
- C. Electronic Report Submittal Instructions:
 - Submit signed Report and Notification Cover Sheet and required information via email to: centralvalleyredding@waterboards.ca.gov and cc: Daniel.Warner@waterboards.ca.gov.
 - Include in the subject line of the email:
ATTN: Daniel Warner; Project Name; and WDID No. 5A31CR00565

III. Definition of Reporting Terms

- A. Active Discharge Period:** The active discharge period begins with the effective date of this Order and ends on the date that the Permittee receives a Notice of Completion of Discharges Letter or, if no post-construction monitoring is required, a Notice of Project Complete Letter. The Active Discharge Period includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.
- B. Request for Notice of Completion of Discharges Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that have post construction monitoring requirements, e.g. if site restoration was required to be monitored for 5 years following construction. Central Valley Water Board staff will review the request and send a Completion of Discharges Letter to the Permittee upon approval. This letter will initiate the post-discharge monitoring period.
- C. Request for Notice of Project Complete Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that either have completed post-construction monitoring and achieved performance standards or have no post-construction monitoring requirements, and no further Project activities are planned. Central Valley Water Board staff will review the request and send a Project Complete Letter to the Permittee upon approval. Termination of annual invoicing of fees will correspond with the date of this letter.
- D. Post-Discharge Monitoring Period:** The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Central Valley Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.
- E. Effective Date:** 6 January 2022

IV. Map/Photo Documentation Information

When submitting maps or photos, please use the following formats.

A. Map Format Information:

Preferred map formats of at least 1:24000 (1" = 2000') detail (listed in order of preference):

- **GIS shapefiles:** The shapefiles must depict the boundaries of all project areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD83) in the California Teale Albers projection in feet.

- **Google KML files** saved from Google Maps: My Maps or Google Earth Pro. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. Include URL(s) of maps. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
 - **Other electronic format** (CAD or illustration format) that provides a context for location (inclusion of landmarks, known structures, geographic coordinates, or USGS DRG or DOQQ). Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
 - Aquatic resource maps marked on paper **USGS 7.5 minute topographic maps** or **Digital Orthophoto Quarter Quads (DOQQ)** printouts. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
- B. Photo-Documentation:** Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

V. Report and Notification Cover Sheet

Project: Placer Vineyards Infrastructure Segment A Project
(Infrastructure Segment A)

Permittee: Lennar Winncrest, LLC and A&B Holdings, LLC

WDID: 5A31CR00565

Reg. Meas. ID: 445951

Place ID: 878014

Order Effective Date: 6 January 2022

Order Expiration Date: 6 January 2027

VI. Report Type Submitted

A. Part A – Project Reporting

Report Type 1 Monthly Report
Report Type 2 Annual Report

B. Part B – Project Status Notifications

Report Type 3 Commencement of Construction
Report Type 4 Request for Notice of Completion of Discharges Letter
Report Type 5 Request for Notice of Project Complete Letter

C. Part C – Conditional Notifications and Reports

Report Type 6 Accidental Discharge of Hazardous Material Report
Report Type 7 Violation of Compliance with Water Quality Standards Report
Report Type 8 In-Water Work/Diversions Water Quality Monitoring Report
Report Type 9 Modifications to Project Report
Report Type 10 Transfer of Property Ownership Report
Report Type 11 Transfer of Long-Term BMP Maintenance Report

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”

Print Name¹ **Affiliation and Job Title**

Signature **Date**

¹STATEMENT OF AUTHORIZATION (include if authorization has changed since application was submitted)

I hereby authorize _____ to act in my behalf as my representative in the submittal of this report, and to furnish upon request, supplemental information in support of this submittal.

Permittee’s Signature **Date**

***This Report and Notification Cover Sheet must be signed by the Permittee or a duly authorized representative and included with all written submittals.**

A. Part A – Project Reporting

1. Report Type 1 - Monthly Report

- a. Report Purpose** - Notifies Central Valley Water Board staff of the Project status and environmental compliance activities on a monthly basis.
- b. When to Submit** - On the 1st day of each month until a Notice of Project Complete Letter is issued to the Permittee.
- c. Report Contents** -
 - i. Construction Summary

Describe Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water Best Management Practices (BMPs). Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control. If construction has not started, provide estimated start date.
 - ii. Event Summary

Describe distinct Project activities and occurrences, including environmental monitoring, surveys, and inspections.
 - iii. Photo Summary

Provide photos of Project activities. For each photo, include a unique site identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.
 - iv. Compliance Summary
 - List name and organization of environmental surveyors, monitors, and inspectors involved with monitoring environmental compliance for the reporting period.
 - List associated monitoring reports for the reporting period.
 - Summarize observed incidences of non-compliance, compliance issues, minor problems, or occurrences.
 - Describe each observed incidence in detail. List monitor name and organization, date, location, type of incident, corrective action taken (if any), status, and resolution.

2. Report Type 2 - Annual Report

- a. **Report Purpose** - Notify the Central Valley Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
- b. **When to Submit** - Annual reports shall be submitted each year on the 1st day of February. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
- c. **Report Contents** - The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below.

During the Active Discharge Period

- **Topic 1: Construction Summary**
- **Topic 2: Mitigation for Temporary Impacts Status**
- **Topic 3: Compensatory Mitigation for Permanent Impacts Status**

During the Post-Discharge Monitoring Period

- **Topic 2: Mitigation for Temporary Impacts Status**
- **Topic 3: Compensatory Mitigation for Permanent Impacts Status**

- i. Annual Report Topic 1 - Construction Summary

When to Submit - With the annual report during the Active Discharge Period.

Report Contents - Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water best management practices (BMPs). If construction has not started, provide estimated start date and reasons for delay.

- 1) Map showing general Project progress.
- 2) If applicable:
 - a) Summary of Conditional Notification and Report Types 6 and 7 (Part C below).
 - b) Summary of Certification Deviations. See Certification Deviation Attachment for further information.

- ii. Annual Report Topic 2 - Mitigation for Temporary Impacts Status

When to Submit - With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.

Report Contents -

- 1) Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state.
- 2) If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of performance standards contained in the restoration plan.
- iii. Annual Report Topic 3 - Compensatory Mitigation for Permanent Impacts Status

When to Submit - With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.

Report Contents - *If not applicable report N/A.

1) Part A. Permittee Responsible

- a) Planned date of initiation of compensatory mitigation site installation.
- b) If installation is in progress, a map of what has been completed to date.
- c) If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan.

2) Part B. Mitigation Bank or In-Lieu Fee

- a) Status or proof of purchase of credit types and quantities.
- b) Include the name of bank/ILF Program and contact information.
- c) If ILF, location of project and type if known.

B. Part B – Project Status Notifications

1. Report Type 3 - Commencement of Construction

- a. Report Purpose** - Notify Central Valley Water Board staff prior to the start of construction.
- b. When to Submit** - Must be received at least seven (7) days prior to start of initial ground disturbance activities.
- c. Report Contents** -
 - i. Date of commencement of construction.
 - ii. Anticipated date when discharges to waters of the state will occur.
 - iii. Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable.
 - iv. Construction Storm Water General Permit WDID No.
 - v. Proof of purchase of compensatory mitigation for permanent impacts from the mitigation bank or in-lieu fee program.

2. Report Type 4 - Request for Notice of Completion of Discharges Letter

- a. Report Purpose** - Notify Central Valley Water Board staff that post-construction monitoring is required and that active Project construction, including any mitigation and permittee responsible compensatory mitigation, is complete.
- b. When to Submit** - Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities.
- c. Report Contents** -
 - i. Status of storm water Notice of Termination(s), if applicable.
 - ii. Status of post-construction storm water BMP installation.
 - iii. Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized.
 - iv. Summary of Certification Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable.
 - v. An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation during the post-discharge monitoring period, if applicable.

3. Report Type 5 - Request for Notice of Project Complete Letter

- a. Report Purpose** - Notify Central Valley Water Board staff that construction and/or any post-construction monitoring is complete, or is not required, and no further Project activity is planned.
- b. When to Submit** - Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project activities.
- c. Report Contents** -
 - i. Part A: Mitigation for Temporary Impacts
 - 1) A report establishing that the performance standards outlined in the restoration plan have been met for Project site upland areas of temporary disturbance which could result in a discharge to waters of the state.
 - 2) A report establishing that the performance standards outlined in the restoration plan have been met for restored areas of temporary impacts to waters of the state. Pre- and post-photo documentation of all restoration sites.
 - ii. Part B: Permittee Responsible Compensatory Mitigation
 - 1) A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.
 - 2) Status on the implementation of the long-term maintenance and management plan and funding of endowment.
 - 3) Pre- and post-photo documentation of all compensatory mitigation sites.
 - 4) Final maps of all compensatory mitigation areas (including buffers).
 - iii. Part C: Post-Construction Storm Water BMPs
 - 1) Date of storm water Notice of Termination(s), if applicable.
 - 2) Report status and functionality of all post-construction BMPs.
 - 3) Dates and report of visual post-construction inspection during the rainy season as indicated in XIV.C.4.

C. Part C – Conditional Notifications and Reports

1. Report Type 6 - Accidental Discharge of Hazardous Material Report

- a. Report Purpose** - Notifies Central Valley Water Board staff that an accidental discharge of hazardous material has occurred.
- b. When to Submit** - Within five (5) working days of notification to the Central Valley Water Board of an accidental discharge. Continue reporting as required by Central Valley Water Board staff.
- c. Report Contents** -
 - i. The report shall include the OES Incident/Assessment Form, a full description and map of the accidental discharge incident (i.e. location, time and date, source, discharge constituent and quantity, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted.
 - ii. If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites.
 - iii. Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

2. Report Type 7 - Violation of Compliance with Water Quality Standards Report

- a. Report Purpose** - Notifies Central Valley Water Board staff that a violation of compliance with water quality standards has occurred.
- b. When to Submit** - The Permittee shall report any event that causes a violation of water quality standards within three (3) working days of the noncompliance event notification to Central Valley Water Board staff.
- c. Report Contents** - The report shall include: the cause; the location shown on a map; and the period of the noncompliance including exact dates and times. If the noncompliance has not been corrected, include: the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and any monitoring results if required by Central Valley Water Board staff.

3. Report Type 8 - In-Water Work and Diversions Water Quality Monitoring Report

- a. Report Purpose** - Notifies Central Valley Water Board staff of the start and completion of in-water work. Reports the sampling results during in-water work and during the entire duration of temporary surface water diversions.

- b. When to Submit** – At least forty-eight (48) hours prior to the start of in-water work. Within three (3) working days following the completion of in-water work. Surface water monitoring reports to be submitted two (2) weeks on initiation of in-water construction and during entire duration of temporary surface water diversions. Continue reporting in accordance with the approved water quality monitoring plan or as indicated in XIV.C.3.
- c. Report Contents** - As required by the approved water quality monitoring plan or as indicated in XIV.C.3.

4. Report Type 9 - Modifications to Project Report

- a. Report Purpose** - Notifies Central Valley Water Board staff if the Project, as described in the application materials, is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
- b. When to Submit** - If Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
- c. Report Contents** - A description and location of any alterations to Project implementation. Identification of any Project modifications that will interfere with the Permittee's compliance with the Order.

5. Report Type 10 - Transfer of Property Ownership Report

- a. Report Purpose** - Notifies Central Valley Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
- b. When to Submit** - At least 10 working days prior to the transfer of ownership.
- c. Report Contents** -
 - i. A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts:
 - 1) the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and
 - 2) responsibility for compliance with any long-term BMP maintenance plan requirements in this Order. Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

- ii. A statement that the Permittee has informed the purchaser to submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.

6. Report Type 11 - Transfer of Long-Term BMP Maintenance Report

- a. **Report Purpose** - Notifies Central Valley Water Board staff of transfer of long-term BMP maintenance responsibility.
- b. **When to Submit** - At least 10 working days prior to the transfer of BMP maintenance responsibility.
- c. **Report Contents** - A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

(This page intentionally left blank)

SIGNATORY REQUIREMENTS

All documents submitted in compliance with this Order shall meet the following signatory requirements:

- A.** All applications, reports, or information submitted to the Central Valley Water Quality Control Board (Central Valley Water Board) must be signed and certified as follows:
 - 1.** For a corporation, by a responsible corporate officer of at least the level of vice-president.
 - 2.** For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
 - 3.** For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.

- B.** A duly authorized representative of a person designated in items 1.a through 1.c above may sign documents if:
 - 1.** The authorization is made in writing by a person described in items 1.a through 1.c above.
 - 2.** The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
 - 3.** The written authorization is submitted to the Central Valley Water Board Staff Contact prior to submitting any documents listed in item 1 above.

- C.** Any person signing a document under this section shall make the following certification:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”

(This page intentionally left blank)

CERTIFICATION DEVIATION PROCEDURES

I. Introduction

These procedures are put into place to preclude the need for Order amendments for minor changes in the Project routing or location. Minor changes or modifications in project activities are often required by the Permittee following start of construction. These deviations may potentially increase or decrease impacts to waters of the state. In such cases, a Certification Deviation, as defined in Section XIV.L of the Order, may be requested by the Permittee as set forth below:

II. Process Steps

- A. Who may apply:** The Permittee or the Permittee's duly authorized representative or agent (hereinafter, "Permittee") for this Order.
- B. How to apply:** By letter or email to the Water Quality Certifications Unit staff designated as the contact for this Order.
- C. Certification Deviation Request:** The Permittee will request verification from the Central Valley Water Board staff that the project change qualifies as a Certification Deviation, as opposed to requiring an amendment to the Order. The request should:
1. Describe the Project change or modification:
 - a. Proposed activity description and purpose;
 - b. Why the proposed activity is considered minor in terms of impacts to waters of the state;
 - c. How the Project activity is currently addressed in the Order; and,
 - d. Why a Certification Deviation is necessary for the Project.
 2. Describe location (latitude/longitude coordinates), the date(s) it will occur, as well as associated impact information (i.e., temporary or permanent, federal or non-federal jurisdiction, water body name/type, estimated impact area, etc.) and minimization measures to be implemented.
 3. Provide all updated environmental survey information for the new impact area.
 4. Provide a map that includes the activity boundaries with photos of the site.
 5. Provide verification of any mitigation needed according to the Order conditions.
 6. Provide verification from the CEQA Lead Agency that the proposed changes or modifications do not trigger the need for a subsequent environmental document, an addendum to the environmental document, or a supplemental EIR. (Cal. Code Regs., tit. 14, §§ 15162-15164.)

D. Post-Discharge Certification Deviation Reporting:

1. Within 30 calendar days of completing the approved Certification Deviation activity, the Permittee will provide a post-discharge activity report that includes the following information:
 - a. Activity description and purpose;
 - b. Activity location, start date, and completion date;
 - c. Erosion control and pollution prevention measures applied;
 - d. The net change in impact area by water body type(s) in acres, linear feet and cubic yards;
 - e. Mitigation plan, if applicable; and,
 - f. Map of activity location and boundaries; post-construction photos.

E. Annual Summary Deviation Report:

1. Until a Notice of Completion of Discharges Letter or Notice of Project Complete Letter is issued, include in the Annual Project Report (see Construction Notification and Reporting attachment) a compilation of all Certification Deviation activities through the reporting period with the following information:
 - a. Site name(s);
 - b. Date(s) of Certification Deviation approval;
 - c. Location(s) of authorized activities;
 - d. Impact area(s) by water body type prior to activity in acres, linear feet and cubic yards, as originally authorized in the Order;
 - e. Actual impact area(s) by water body type in, acres, linear feet and cubic yards, due to Certification Deviation activity(ies);
 - f. The net change in impact area by water body type(s) in acres, linear feet and cubic yards; and
 - g. Mitigation to be provided (approved mitigation ratio and amount).

(This page is intentionally left blank)

Attachment G - Justification for Section XIV Conditions

The purpose of this Attachment is to provide an explanation of why conditions are necessary to assure that any discharge authorized under the certification will comply with water quality requirements and a citation to federal, state, or tribal law that authorizes the condition. This Attachment uses the same organizational structure as Section XIV of the Order, and the statements below correspond with the conditions set forth in Section XIV.

I. General Justification for Section XIV Conditions

Pursuant to Clean Water Act section 401 and California Code of Regulations, title 23, section 3859, subdivision (a), the Central Valley Water Board, when issuing water quality certifications, may set forth conditions to ensure compliance with applicable water quality standards and other appropriate requirements of state law. Under California Water Code section 13160, the State Water Resources Control Board is authorized to issue water quality certifications under the Clean Water Act and has delegated this authority to the executive officers of the regional water quality controls boards for projects within the executive officer's region of jurisdiction. (California Code of Regulations, title 23, section 3838.)

The conditions within the Order are generally required pursuant to the Central Valley Water Board's Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fifth Edition, May 2018 (Basin Plan), which was adopted and is periodically revised pursuant to Water Code section 13240. The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies. For instance, the Basin Plan includes water quality objectives for chemical constituents, oil and grease, pH, sediment, suspended material, toxicity and turbidity, which ensure protection of beneficial uses.

The State Water Board's Antidegradation Policy, "Statement of Policy with Respect to Maintaining High Quality Waters in California," Resolution No. 68-16, requires that the quality of existing high-quality water be maintained unless any change will be consistent with the maximum benefit to the people of the state, will not unreasonably affect present or anticipated future beneficial uses of such water, and will not result in water quality less than that prescribed in water quality control plans or policies. The Antidegradation Policy further requires best practicable treatment or control of the discharge necessary to assure that pollution or nuisance will not occur and the highest water quality consistent with maximum benefit to the people of the state will be maintained. The Basin Plan incorporates this Policy. The state Antidegradation Policy incorporates the federal Antidegradation Policy (40 C.F.R. section 131.12 (a)(1)), which requires "[e]xisting instream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected."

The State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Dredge or Fill Procedures), adopted pursuant to

Water Code sections 13140 and 13170, authorize approval of dredge or fill projects only if the demonstrations set forth in Section IV.B.1 of the Dredge or Fill Procedures have been satisfied.

California Code of Regulations, title 23, sections 3830 et seq. set forth state regulations pertaining to water quality certifications. In particular, section 3856 sets forth information that must be included in water quality certification requests, and section 3860 sets forth standard conditions that shall be included in all water quality certification actions.

Finally, Water Code sections 13267 and 13383 authorize the regional and state boards to establish monitoring and reporting requirements for persons discharging or proposing to discharge waste.

II. Specific Justification for Section XIV Conditions

A. Authorization

Authorization under the Order is granted based on the application submitted. The Permittee is required to detail the scope of project impacts in a complete application pursuant to California Code of Regulations, title 23, section 3856, subdivision (h). Pursuant to Water Code section 13260, subdivision (c), each person discharging waste, or proposing to discharge waste shall file a report of waste discharge relative to any material change or proposed change in the character, location, or volume of the discharge. Pursuant to Water Code section 13264, subdivision (a), the Permittee is prohibited from initiating the discharge of new wastes, or making material changes to the character, volume, and timing of waste discharges authorized herein without filing a report required by Water Code section 13260 or its equivalent for certification actions under California Code of Regulations, title 23, section 3856.

B. Reporting and Notification Requirements

1. Project Reporting

2. Project Status Notifications

The reporting and notification conditions under Sections B.1 and B.2 are required to provide the Central Valley Water Board necessary project information and oversight to ensure project discharges are complying with applicable Basin Plan requirements. These monitoring and reporting requirements are consistent with the Central Valley Water Board's authority to investigate the quality of any waters of the state and require necessary monitoring and reporting pursuant to Water Code sections 13267 and 13383. Water Code section 13267 authorizes the regional boards to require any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste to provide technical or monitoring program reports required by the regional board. Water Code

section 13383 authorizes the regional boards to establish monitoring, inspection, entry, reporting, and other recordkeeping requirements, as authorized by Water Code section 13160, for any person who discharges, or proposes to discharge, to navigable waters.

3. Conditional Notifications and Reports

a. Accidental Discharges of Hazardous Materials

Conditions under Section B.3.a related to notification and reporting requirements in the event of an accidental discharge of hazardous materials are required pursuant to section 13271 of the Water Code, which requires immediate notification of the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the state toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with Section 8574.16) of Chapter 7 of Division 1 of Title 2 of the Government Code. "Hazardous materials" is defined under Health and Safety Code section 25501. These reports related to accidental discharges ensure that corrective actions, if any, that are necessary to minimize the impact or clean up such discharges can be taken as soon as possible.

b. Violation of Compliance with Water Quality Standards

c. In-Water work and Diversions

Conditions under Section B.3.b and B.3.c related to monitoring and reporting on water quality standard compliance and in-water work and diversions are required to provide the Central Valley Water Board necessary project information and oversight to ensure project discharges are complying with applicable water quality objectives under the Basin Plan. These monitoring and reporting requirements are consistent with the Central Valley Water Board's authority to investigate the quality of any waters of the state and require necessary monitoring and reporting pursuant to Water Code sections 13267 and 13383. Water Code section 13267 authorizes the regional boards to require any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste to provide technical or monitoring program reports required by the regional board. Water Code section 13383 authorizes the regional boards to establish monitoring, inspection, entry, reporting, and other recordkeeping requirements, as authorized by Water Code section 13160, for any person who discharges, or proposes to discharge, to navigable waters.

d. Modifications to Project

Authorization under this Order is granted based on the application and supporting information submitted. Conditions under Section B.3.d are necessary to ensure that if there are modifications to the project, that the

Order requirements remain applicable. The Permittee is required to detail the scope of project impacts in a complete application pursuant to California Code of Regulations, title 23, section 3856, subdivision (h). Pursuant to Water Code section 13260, subdivision (c), each person discharging waste, or proposing to discharge waste shall file a report of waste discharge relative to any material change or proposed change in the character, location, or volume of the discharge. Pursuant to Water Code section 13264, subdivision (a), the Permittee is prohibited from initiating the discharge of new wastes, or making material changes to the character, volume, and timing of waste discharges authorized herein without filing a report required by Water Code section 13260 or its equivalent for certification actions under California Code of Regulations, title 23, section 3856.

e. Transfer of Property Ownership

f. Transfer of Long-Term BMP Maintenance

Authorization under this Order is granted based on the application information submitted, including identification of the legally responsible party. Conditions under Sections B.3.e and B.3.f are necessary to confirm whether the new owner wishes to assume legal responsibility for compliance with this Order. If not, the original discharger remains responsible for compliance with this Order. Pursuant to Water Code section 13260, subdivision (c), each person discharging waste, or proposing to discharge waste shall file a report of waste discharge relative to any material change or proposed change in the character, location, or volume of the discharge. Pursuant to Water Code section 13264, subdivision (a), the Permittee is prohibited from initiating the discharge of new wastes, or making material changes to the character, volume, and timing of waste discharges authorized herein without filing a report required by Water Code section 13260 or its equivalent for certification actions under California Code of Regulations, title 23, section 3856.

C. Water Quality Monitoring

Conditions under Section C related to water quality monitoring are required to confirm that best management practices required under this Order are sufficient to protect beneficial uses and to comply with water quality objectives to protect those uses under the Basin Plan. Applicable water quality objectives and beneficial uses are identified in the Order. These monitoring requirements are consistent with the Central Valley Water Board's authority to investigate the quality of any waters of the state and require necessary monitoring and reporting pursuant to Water Code sections 13267 and 13383. Water Code section 13267 authorizes the regional boards to require any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste to provide technical or monitoring program reports

required by the regional board. Water Code section 13383 authorizes the regional boards to establish monitoring, inspection, entry, reporting, and other recordkeeping requirements, as authorized by Water Code section 13160, for any person who discharges, or proposes to discharge, to navigable waters.

D. Standard

1. This Order is subject to modification or revocation

This is a standard condition that “shall be included as conditions of all water quality certification actions” pursuant to California Code of Regulations, title 23, section 3860(a). This condition places the permittee on notice that the certification action may be modified or revoked following administrative or judicial review.

2. This Order is not intended and shall not be construed to apply to any activity involving a hydroelectric facility

This is a standard condition that “shall be included as conditions of all water quality certification actions” pursuant to California Code of Regulations, title 23, section 3860(b). This condition clarifies the scope of the certification’s application.

3. This Order is conditioned upon total payment of any fee

This is a standard condition that “shall be included as conditions of all water quality certification actions” pursuant to California Code of Regulations, title 23, section 3860(c). This fee requirement condition is also required pursuant to California Code of Regulations, section 3833(b).

E. General Compliance

1. Failure to comply with any condition of this Order

The condition under Section E.1 places the Permittee on notice of any violations of Order requirements. Pursuant to Water Code section 13385, subdivision (a)(2), a person who violates any water quality certification issued pursuant to Water Code section 13160 shall be liable civilly.

2. Permitted actions must not cause a violation of any applicable water quality standards

Conditions under Section E.2 related to compliance with water quality objectives and designated beneficial uses are required pursuant to the Central Valley Water Board’s Basin Plan. The Basin Plan’s water quality standards consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies. The Antidegradation Policy requires that the quality of existing high-quality water be maintained unless any change will be consistent with the maximum benefit to the people of the state, will not

unreasonably affect present or anticipated future beneficial uses of such water, and will not result in water quality less than that prescribed in water quality control plans or policies. The Antidegradation Policy further requires best practicable treatment or control of the discharge necessary to assure that pollution or nuisance will not occur and the highest water quality consistent with maximum benefit to the people of the state will be maintained. Applicable beneficial uses and water quality objectives to protect those uses include the Chemical Constituents (Basin Plan, Section 3.1.3), Oil and Grease (Basin Plan, Section 3.1.10), pH (Basin Plan, Section 3.1.11), Sediment (Basin Plan, 3.1.15), Suspended Material (3.1.17), Toxicity (Basin Plan, 3.1.20), and Turbidity (Basin Plan, Section 3.1.21) water quality objectives.

3. In response to a suspected violation of any condition of this Order, the Central Valley Water Board may require

Conditions under Section E.3 related to monitoring and reporting are required to provide the Central Valley Water Board necessary project information and oversight to ensure project discharges are complying with applicable Basin Plan requirements. These monitoring and reporting requirements are consistent with the Central Valley Water Board's authority to investigate the quality of any waters of the state and require necessary monitoring and reporting pursuant to Water Code sections 13267 and 13383. Water Code section 13267 authorizes the regional boards to require any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste to provide technical or monitoring program reports required by the regional board. Technical supports submitted pursuant to Water Code section 13267 are required to be submitted under penalty of perjury. Water Code section 13383 authorizes the regional boards to establish monitoring, inspection, entry, reporting, and other recordkeeping requirements, as authorized by Water Code section 13160, for any person who discharges, or proposes to discharge, to navigable waters.

4. The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports

Authorization under the Order is granted based on the application and supporting information submitted. The Permittee is required to detail the project description in a complete application pursuant to California Code of Regulations, title 23, section 3856, subdivision (h). Pursuant to Water Code section 13260, subdivision (c), each person discharging waste, or proposing to discharge waste shall file a report of waste discharge relative to any material change or proposed change in the character, location, or volume of the discharge. Pursuant to Water Code section 13264, subdivision (a), the Permittee is prohibited from initiating the discharge of new wastes, or making material changes to the character, volume, and timing of waste discharges authorized herein without filing a report required by Water Code section

13260 or its equivalent for certification actions under California Code of Regulations, title 23, section 3856. Finally, compliance with conditions of the Order ensures that the Project will comply with all water quality standards and other appropriate requirements as detailed herein. (California Code of Regulations, title 23, section 3859, subdivision (a).)

5. This Order and all of its conditions herein continue to have full force and effect

This condition ensures continued compliance with applicable water quality standards and other appropriate requirements of state law. Notwithstanding any determinations by the U.S. Army Corps or other federal agency pursuant to 40 C.F.R. section 121.9, the Permittee must comply with the entirety of this certification because, pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ, this Order also serves as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act.

6. The Permittee shall adhere to all requirements in the mitigation monitoring and reporting program

This condition ensures mitigation measures required to lessen the significance of impacts to water quality identified pursuant to California Environmental Quality Act review are implemented and enforceable. Pursuant to California Code of Regulations, title 14, section 15097, subdivision (a), a public agency shall adopt a program for monitoring and reporting on mitigation measures imposed to mitigate or avoid significant environmental effects to ensure implementation.

7. Construction General Permit Requirement

Permittees are required to obtain coverage under National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ; NPDES No. CAS000002), as amended, for discharges to surface waters comprised of storm water associated with construction activity, including, but not limited to, demolition, clearing, grading, excavation, and other land disturbance activities of one or more acres, or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres. This is required pursuant to Clean Water Act sections 301 and 402 which prohibit certain discharges of storm water containing pollutants except in compliance with an NPDES permit. (33 U.S.C. section 1311, and 1342(p); 40 C.F.R. parts 122, 123, and 124.)

F. Administrative

1. Signatory requirements for all document submittals

The condition for signatory requirements is required pursuant to Water Code section 13267, which requires any person discharging waste that could affect the quality of waters to provide to the Central Valley Water Board, under penalty of perjury, any technical or monitoring program reports as required by the Central Valley Water Board. The signatory requirements are consistent with 40 C.F.R. section 122.22.

2. This Order does not authorize any act which results in the taking of a threatened, endangered, or candidate species

Pursuant to the California Endangered Species Act (Fish & Wildlife Code, sections 2050 et seq.) and federal Endangered Species Act (16 U.S.C. sections 1531 et seq.), the Order does not authorize any act which results in the taking of a threatened, endangered, or candidate species. In the event a Permittee requires authorization from the state or federal authorities, California Code of Regulations, title 23, section 3856(e), requires that copies be provided to the Central Valley Water Board of “any final and signed federal, state, and local licenses, permits, and agreements (or copies of the draft documents, if not finalized) that will be required for any construction, operation, maintenance, or other actions associated with the activity. If no final or draft document is available, a list of all remaining agency regulatory approvals being sought shall be included.”

3. The Permittee shall grant Central Valley Water Board staff

The condition related to site access requirements is authorized pursuant to the Central Valley Water Board’s authority to investigate the quality of any waters of the state within its region under Water Code section 13267 and 13383. Water Code section 13267, subdivision (c) provides that “the regional board may inspect the facilities of any person to ascertain whether the purposes of this division are being met and waste discharge requirements are being complied with.” Water Code section 13383 authorizes the regional boards to establish monitoring, inspection, entry, reporting, and other recordkeeping requirements, as authorized by Water Code section 13160, for any person who discharges, or proposes to discharge, to navigable waters.

4. A copy of this Order shall be provided to any consultants, contractors, and subcontractors

This Condition ensures any agent of the Permittee is aware of Order requirements. Such conditions within the Order are necessary to ensure that all activities will comply with applicable water quality standards and other appropriate requirements (33 U.S.C. section 1341; California Code of Regulations, title 23, section 3859, subdivision (a)) and cannot be adhered to if the Permittees’ agents are unaware of applicable requirements. These

conditions are necessary to ensure compliance with applicable water quality objectives and protection of beneficial uses found in the Basin Plan, adopted pursuant to Water Code section 13240, and detailed in the Order.

5. A copy of this Order must be available at the Project site(s) during construction . . .

This Condition ensures any agent of the Permittee is aware of Order requirements. Such conditions within the Order are necessary to ensure that all activities will comply with applicable water quality standards and other appropriate requirements (33 U.S.C. section 1341; California Code of Regulations, title 23, section 3859, subdivision (a)) and cannot be adhered to if the Permittees' agents are unaware of applicable requirements. These conditions are necessary to ensure compliance with applicable water quality objectives and protection of beneficial uses found in the Basin Plan, adopted pursuant to Water Code section 13240, and detailed in the Order.

G. Construction

- 1. Dewatering – Not Applicable**
- 2. Directional Drilling – Not Applicable**
- 3. Dredging – Not Applicable**
- 4. Fugitive Dust**

This condition is required to assure that the discharge from the Project will comply with water quality objectives established for surface waters, including for chemical constituents and toxicity. (Basin Plan, Sections 3.1.3 & 3.1.20.) Chemicals used in dust abatement activities can result in a discharge of chemical additives and treated waters to surface waters of the state. Therefore, dust abatement activities shall be conducted so that sediment or dust abatement chemicals are not discharged into waters of the state and do not adversely affect beneficial uses. (Basin Plan, Section 2.1; Dredge or Fill Procedures, Section IV.B.1.)

5. Good Site Management “Housekeeping”

Conditions related to site management require best practices to prevent, minimize, and/or clean up potential construction spills, including from construction equipment. For instance, fuels and lubricants associated with the use of mechanized equipment have the potential to result in toxic discharges to waters of the state in violation of water quality standards, including the toxicity and floating material water quality objectives. (Basin Plan, Sections 3.1.7 & 3.1.20.) This condition is also required pursuant to Water Code section 13264, which prohibits any discharge that is not specifically authorized in this Order. Among other requirements, Section IV.B.1 of the Dredge or Fill Procedures requires that Project impacts will not cause or contribute to a degradation of waters; or violate water quality standards.

6. Hazardous Materials

Conditions related to toxic and hazardous materials are necessary to assure that discharges comply with applicable water quality objectives under the Basin Plan, adopted under section 13240 of the Water Code, including the narrative toxicity and chemical constituents water quality objectives. (Basin Plan, Sections 3.1.3, 3.1.20.) Further, conditions related to concrete/cement are required pursuant to the Basin Plan's pH water quality objective. (Basin Plan, Section 3.1.11.)

7. Invasive Species and Soil Borne Pathogens

Conditions related to invasive species and soil borne pathogens are required to ensure that discharges will not violate any water quality objectives under the Basin Plan, adopted under Water Code section 13240 of the Water Code. Invasive species and soil borne pathogens adversely affect beneficial uses designated in the Basin Plan, such as rare, threatened, or endangered species; wildlife habitat; and preservation of biological habitats of special significance. (See Basin Plan, Section 2.1.) Among other requirements, Section IV.B.1 of the Dredge or Fill Procedures requires that Project impacts will not contribute to a net loss of the overall abundance, diversity, and condition of aquatic resources; cause or contribute to a degradation of waters; or violate water quality standards.

8. Post-Construction Storm Water Management

Conditions related to post-construction stormwater management are required to comply with the Basin Plan and to assure that the discharge complies with applicable water quality objectives. Post-rain erosion and sedimentation problems can contribute to significant degradation of the waters of the state; therefore, it is necessary to take corrective action to eliminate such discharges in order to avoid or minimize such degradation. Implementation of control measures and best management practices described in the conditions will assure compliance with water quality objectives including for floating material, sediment, turbidity, temperature, suspended material, and settleable material. (Basin Plan, Sections 3.1.7, 3.1.15, 3.1.16, 3.1.17, 3.1.19, 3.1.21.) Among other requirements, Section IV.B.1 of the Dredge or Fill Procedures requires that Project impacts will not contribute to a net loss of the overall abundance, diversity, and condition of aquatic resources; cause or contribute to a degradation of waters; or violate water quality standards.

9. Roads

These conditions are required to assure that discharges will comply with water quality standards within the Basin Plan. Specifically, activities associated with road maintenance have the potential to exceed water quality objectives for oil and grease, pH, sediment, settleable materials, temperature, and turbidity. (Basin Plan, Sections 3.1.10, 3.1.11, 3.1.15, 3.1.16, 3.1.19,

3.1.21.) Further, these conditions are required to assure that they do not result in adverse impacts related to hydromodification or create barriers to fish passage and spawning activities. Among other requirements, Section IV.B.1 of the Dredge or Fill Procedures requires that Project impacts will not contribute to a net loss of the overall abundance, diversity, and condition of aquatic resources; cause or contribute to a degradation of waters; or violate water quality standards.

10. Sediment Control

Conditions related to erosion and sediment control design requirements are required to sustain fluvial geomorphic equilibrium. Improperly designed and installed BMPs result in excess sediment, which impairs surface waters, adversely affect beneficial uses, and results in exceedance of water quality objectives in the Basin Plan, including for sediment and turbidity. (Basin Plan, Sections 3.1.15 & 3.1.21.) Among other requirements, Section IV.B.1 of the Dredge or Fill Procedures requires that Project impacts will not contribute to a net loss of the overall abundance, diversity, and condition of aquatic resources; cause or contribute to a degradation of waters; or violate water quality standards.

11. Special Status Species

See F.2 above.

12. Stabilization/Erosion Control

Conditions related to erosion and sediment control design requirements are required to sustain fluvial geomorphic equilibrium. Improperly designed and installed BMPs result in excess sediment, which impairs surface waters, adversely affect beneficial uses, and results in exceedance of water quality objectives in the Basin Plan, including for sediment. (Basin Plan, Section 3.1.15.) Among other requirements, Section IV.B.1 of the Dredge or Fill Procedures requires that Project impacts will not contribute to a net loss of the overall abundance, diversity, and condition of aquatic resources; cause or contribute to a degradation of waters; or violate water quality standards.

13. Storm Water

Post-rain erosion and sedimentation problems can contribute to significant degradation of the waters of the state; therefore, it is necessary to take corrective action to eliminate such discharges in order to avoid or minimize such degradation. Implementation of control measures and best management practices described in the condition will assure compliance with water quality objectives including chemical constituents, floating material, sediment, turbidity, temperature, suspended material, and settleable material within the Basin Plan. (Basin Plan, Sections 3.1.1, 3.1.7, 3.1.15, 3.1.16, 3.1.17, 3.1.19, 3.1.21.) Among other requirements, Section IV.B.1 of the Dredge or Fill

Procedures requires that Project impacts will not cause or contribute to a degradation of waters or violate water quality standards.

H. Site Specific – Not Applicable

I. Total Maximum Daily Load (TMDL) – Not Applicable

J. Mitigation for Temporary Impacts – Not Applicable

K. Compensatory Mitigation for Permanent Impacts

The conditions under Section K regarding compensatory mitigation for permanent impacts ensure permanent physical loss and permanent ecological degradation of waters of the state are adequately mitigated. These conditions are necessary to ensure compliance with state and federal anti-degradation policies and are consistent with Section IV.B.1.a of the Dredge or Fill Procedures, which requires that the Water Boards will approve a project only after it has been determined that a sequence of actions has been taken to first avoid, then to minimize, and lastly compensate for adverse impacts that cannot be practicably avoided or minimized. (See also California Code of Regulations, section 3856, subdivision (h) [requiring submittal of proposed mitigation and description of steps taken to avoid, minimize, or compensate].) These compensatory mitigation conditions are also consistent with Executive Order W-59-93 commonly referred to as California’s “No Net Loss” Policy for wetlands. The objective of the No Net Loss Policy is to ensure no overall net loss of and a long term net gain in the quantity, quality, and permanence of wetland acreage and values in California. Further, compensatory mitigation requirements must comply with subpart J of the Supplemental State Guidelines. Conditions related to financial assurances are also required to ensure that compensatory mitigation will be provided. (Dredge or Fill Procedures, section IV.B.5.f.)

L. Certification Deviation

- 1. Minor modifications of Project locations or predicted impacts**
- 2. A Project modification shall not be granted a Certification Deviation if it warrants or necessitates**

Authorization under the Order is granted based on the application and supporting information submitted. Among other requirements, the Permittee is required to detail the project description in a complete application pursuant to California Code of Regulations, title 23, section 3856, subdivision (h). Pursuant to Water Code section 13260, subdivision (c), each person discharging waste, or proposing to discharge waste shall file a report of waste discharge relative to any material change or proposed change in the character, location, or volume of the discharge. Pursuant to Water Code section 13264, subdivision (a), the Permittee is prohibited from initiating the discharge of new wastes, or making material changes to the character, volume, and timing of waste discharges authorized herein without filing a report required by Water Code section 13260 or its equivalent for certification

actions under California Code of Regulations, title 23, section 3856. Project deviations may require additional or different Order conditions as authorized by law to ensure compliance with applicable water quality standards and other appropriate requirements (33 U.S.C. section 1341; California Code of Regulations, title 23, section 3859, subdivision (a)) and may result in impacts to water quality that require additional environmental review (California Code of Regulations, title 14, sections 15062-15063).