



CALIFORNIA UNDERGROUND STORAGE TANK (UST) LEAK PREVENTION

JANUARY – DECEMBER 2017 ANNUAL REPORT

Owners, operators and Unified Program Agencies (UPAs) have reported Underground Storage Tank (UST) facility and inspection information through the California Environmental Reporting System (CERS) since January 2013.

This report summarizes the status of issues important to the California UST Leak Prevention program and is based on information extracted from CERS, the California GeoTracker database, and internal State Water Resources Control Board (State Water Board) reports. Unless otherwise noted, the events and activities (e.g., inspections, violations, reporting of releases) presented here occurred between January and December of 2017. Data sources were collected in April 2018, acknowledging that it can sometimes take up to 90 days for data display in CERS or GeoTracker.

This report was prepared as part of Cooperative Agreement L99T11601 between the U.S. Environmental Protection Agency (USEPA) Region 9 and the State Water Board.

Statewide UST Numbers *

Number of USTs	34,656
Number of UST Facilities	13,779
Storage Capacity (gal)	377,048,887

* Statewide number of USTs and storage capacity are underreported here (1,733 UST facilities in CERS lack tank-specific information)

Use / Contents	USTs	Capacity (gal)
Motor Vehicle, Gasoline	22,627	267,678,514
Motor Vehicle, Diesel	7,478	75,698,664
Generator, Diesel	1,932	16,586,629
Waste Oil	936	914,476
Jet Fuel or Aviation Gas	239	5,580,765
Other	1,444	10,589,839

CERS Implementation (pg. 3)

Complete and accurate UST data in CERS enables California to more effectively manage its UST Leak Prevention program. It is crucial that the State and USEPA can rely on CERS data to determine compliance with State and Federal law, as well as make important program decisions. When an UPA believes the data in CERS is complete and accurate, the UPA can request a data quality review. The State Water Board can then approve paperless reporting of federally required information via CERS. Otherwise, the State and USEPA rely on UPA spreadsheets that lack detail and cannot be verified. CERS implementation also improves access to previously unshared information (e.g., Priority Violations, New Releases, Single-Walled USTs).

% Facilities in CERS	99.2%
% Facilities with an Inspection Record	99.0%
UPAs Approved for Paperless Reporting	27/91

Priority Violations & Return to Compliance (RTC) (pg. 4-5)

Inspection reports maintained at UPA offices were previously the only source of UST violation information. UPAs now report both violations and RTC dates to CERS, making it simpler to identify statewide trends. Of the 91 violations currently applicable statewide, 46 priority violations were identified for this report. These 46 priority violations include all 33 violations that result in a facility not meeting the definition of in Significant Operational Compliance (SOC), plus 13 additional violations of high interest to USEPA and the State Water Board.

Routine Inspections	13,465
Priority Violations	11,471
% Facilities with Priority Violations	39.5%
% Facilities with Priority Violations (All RTC)	63.5%

New Releases (pg. 6)

Minimizing releases to the environment is an important measure of the UST Leak Prevention program's success. California manages this data in GeoTracker, with each release tied to a corresponding leaking UST (LUST) cleanup case. When releases are discovered, responsible parties or UPAs alert one of the nine Regional Water Quality Control Boards, often via an Unauthorized Release Form (URF). Newly reported releases may have occurred long ago at facilities that no longer operate USTs. Releases may also have occurred—at operating facilities—prior to current UST regulations.

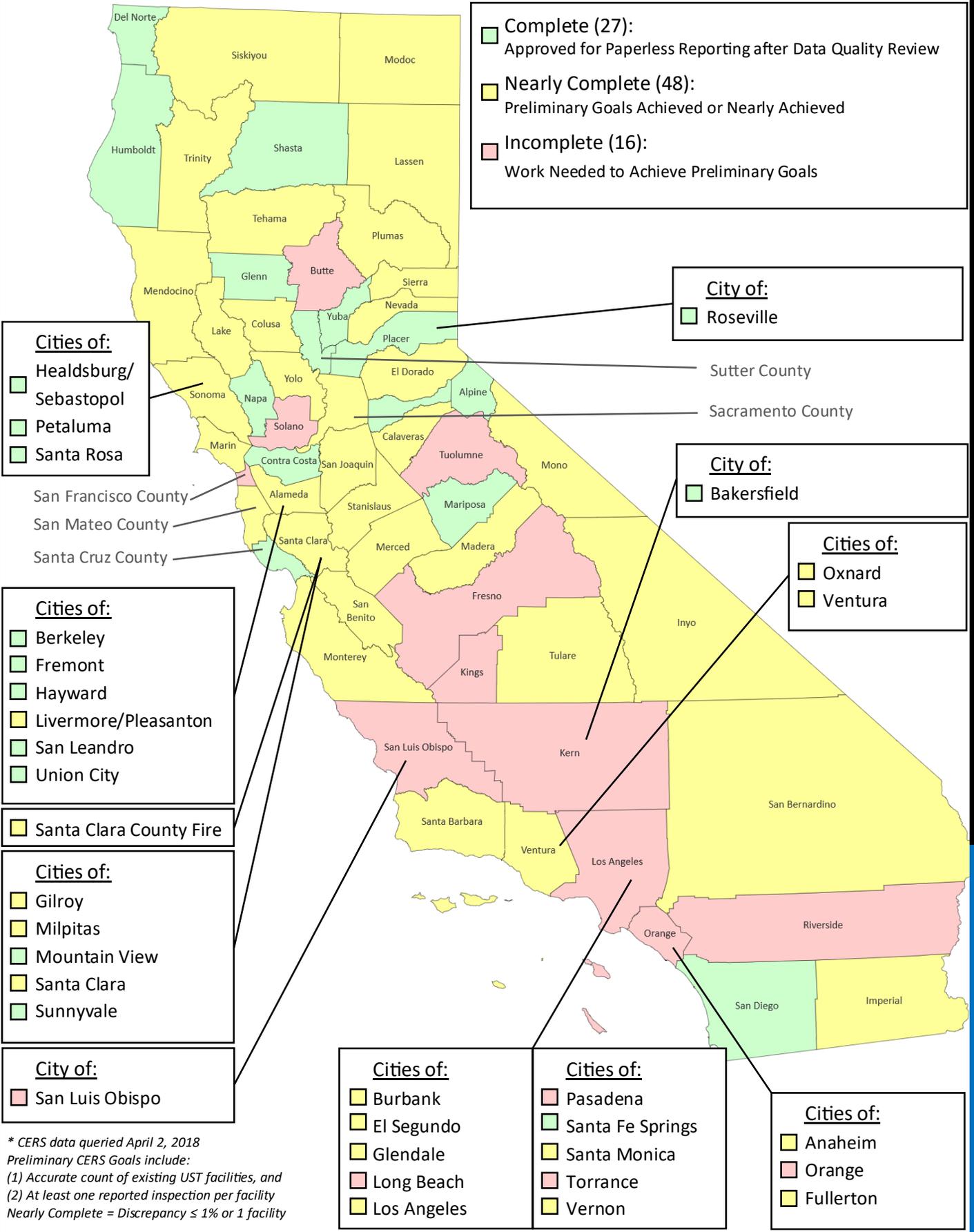
Releases Reported (Total)	73
Releases Reported (Operating Facilities)	31
New Releases (i.e., Newly Occurring)	7

Single-Walled USTs (pg. 7-9)

California law requires the permanent closure of all single-walled (SW) UST tanks and piping by December 31, 2025. Encouraging owners to remove and replace SW tanks and piping in advance will prevent contractor shortages, unmanageable permitting workloads and UST abandonment.

Number of SW USTs (tanks or piping)	3,023
Facilities with SW USTs (tanks or piping)	1,222
% of Statewide UST Systems (SW)	8.6%
% of Statewide UST Facilities (SW)	8.9%
% of Statewide Storage Capacity (SW)	8.2%
SW UST Facilities with unresolved priority violation(s) cited in past 18 months	176

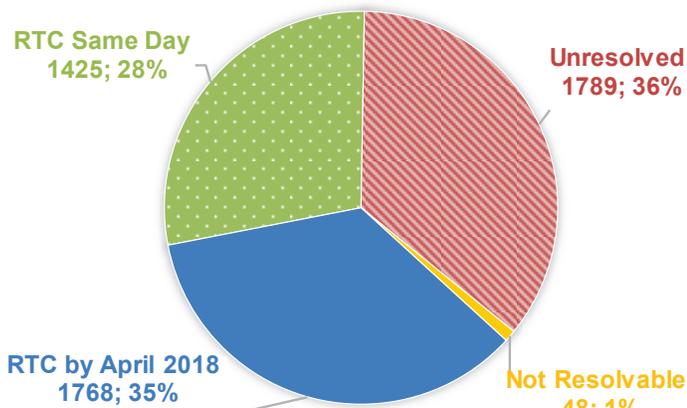
CERS Implementation by Unified Program Agency (UPA)



* CERS data queried April 2, 2018
 Preliminary CERS Goals include:
 (1) Accurate count of existing UST facilities, and
 (2) At least one reported inspection per facility
 Nearly Complete = Discrepancy ≤ 1% or 1 facility

UST Violations and Return to Compliance (RTC)

5,030 Facilities w/ Priority Violations Cited



Currently applicable UST violations are grouped into 91 codes within CERS, and 46 violations were identified as priority violations for this report. See Appendix B for the full list of priority violations.

Between January and December 2017, UPAs cited one or more priority violations at 39.5% (5,030 of 12,748) of all UST facilities inspected. By April 2018, 63.5% of these facilities (3,193 of 5,030) had returned to compliance.

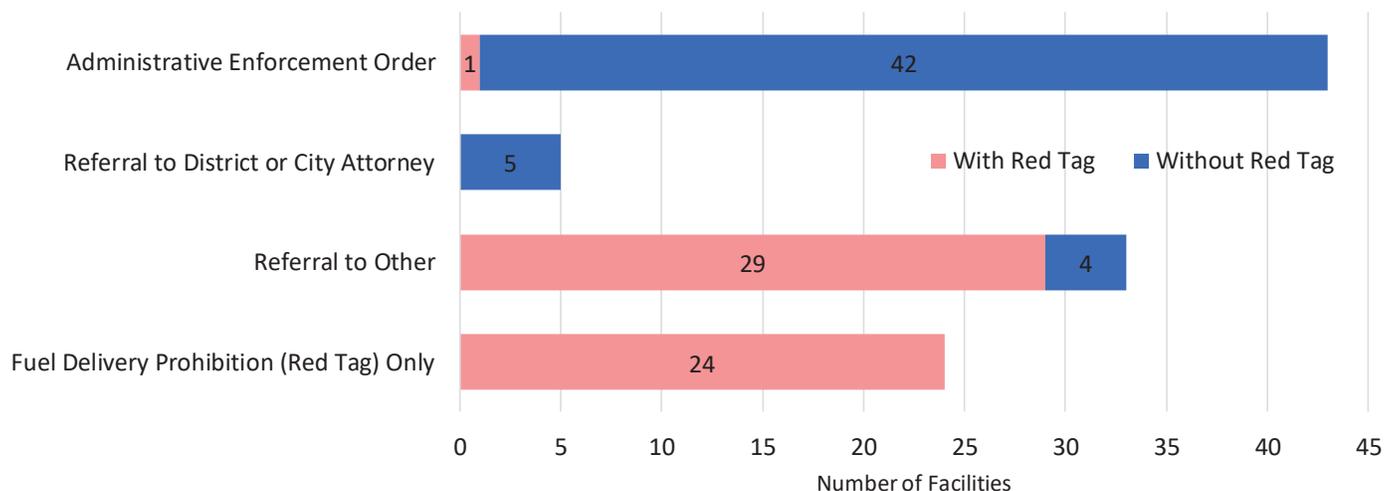
Number of Facilities with a Routine Inspection	12,748
Number of Additional Routine Inspections reported in 6 month period	717
Number of Facilities with Priority Violations	5,030
Average Time to RTC*	86 days

*Per Violation, not including RTC at time of inspection (same day RTC)

Ten Most Cited Violations

Violation Name	CERS Violation Type Number	Total # Citations	# UPAs Citing Violation	% RTC by April 2018
Secondary Containment (<i>failure to maintain</i>)	2030047	1509	70	33%
Spill Bucket (<i>not meeting regulatory requirements</i>)	2060020	1033	76	78%
Line Leak Detector (LLD) for Pressurized Piping (<i>not meeting monitoring requirements</i>)	2030025	988	74	74%
Repairs, Lining and Upgrades (<i>failure to maintain records</i>)	2010008	950	36	30%
Leak Detection Equipment (<i>improper installation, calibration, operation or maintenance</i>)	2030043	870	66	63%
Leak Detection Monitoring and Maintenance (<i>failure to maintain records</i>)	2030001	826	54	61%
Leak Detection Equipment (<i>not located to detect leak at earliest possible opportunity</i>)	2060015	760	57	75%
Overfill Prevention (<i>not meeting regulatory requirements</i>)	2030036	564	49	64%
Interstitial Space, Double-Walled Tank (<i>failure to monitor continuously with an audible and visual alarm</i>)	2030016	552	52	49%
Leak Detection Equipment (<i>failure to have an audible and visual alarm</i>)	2030003	503	63	70%

Enforcement Actions Initiated at 105 Facilities



Priority UST Violations and Return to Compliance (RTC), January - December 2017

UPA	% Facilities Inspected	# Routine Inspections	# Priority Violations	# Facilities w Priority Violations	Facilities w Priority Violations (% RTC by April 2018)	# Facilities w Formal Enforcements Initiated	Average # Days Until RTC
Alameda County Environmental Health	98%	247	383	153	58%	2	67
Anaheim City Fire Department	100%	122	71	48	81%	0	56
Bakersfield City Fire Department	92%	135	96	50	74%	7	67
Berkeley City Toxics Management Division	97%	30	19	11	82%	0	50
Burbank Fire Department	77%	51	11	9	100%	1	104
Butte County Environmental Health	96%	95	86	52	73%	3	89
Calaveras County Environmental Health	97%	31	23	17	76%	0	19
Colusa County Health and Human Services	100%	20	13	9	56%	0	118
Contra Costa County Health Services Department	98%	405	167	125	92%	4	65
El Dorado County Environmental Management	99%	84	102	50	82%	3	34
El Segundo City Fire Department	100%	22	15	8	75%	0	92
Fresno County Department of Public Health	95%	427	249	153	50%	0	65
Gilroy City Fire Department	96%	41	14	9	89%	0	65
Glendale City Fire Department	38%	28	20	11	36%	0	10
Glenn County Air Pollution Control District	94%	17	18	12	75%	1	46
Hayward City Fire Department	97%	89	40	27	52%	0	69
Humboldt County Division of Environmental Health	97%	74	65	35	69%	0	45
Imperial CUPA - DTSC	93%	76	283	68	87%	0	76
Inyo County Department of Environmental Health	56%	14	9	5	40%	0	All RTC Same Day
Kern County Environmental Health Services Dept	96%	279	211	122	62%	1	63
Kings County Environmental Health	93%	79	69	35	80%	0	34
Lake County Environmental Health	100%	32	19	14	93%	0	9
Livermore-Pleasanton FD	99%	76	28	22	64%	0	51
Long Beach Environmental Health	93%	168	77	43	81%	1	41
Los Angeles City Fire Department	96%	1346	593	333	54%	19	186
Los Angeles County Department of Public Works	93%	1554	3003	630	16%	18	62
Madera County Environmental Health	99%	74	127	59	80%	1	62
Marin County Dept of Public Works, Waste Mgmt	99%	89	35	26	96%	0	42
Mariposa County Public Health Department	91%	34	16	8	88%	0	24
Mendocino County Environmental Health	91%	61	19	12	67%	3	52
Merced County Environmental Health	76%	115	66	42	90%	1	68
Milpitas City Fire Department	39%	11	8	4	0%	0	No RTC
Mono County Health Department	41%	9	11	2	0%	0	No RTC
Monterey County Health Department	83%	192	43	28	25%	0	153
Mountain View Fire Department	100%	25	15	9	67%	0	153
Napa County Dept of Environmental Management	95%	44	22	17	76%	0	50
Nevada County Environmental Health	100%	43	42	21	95%	0	30
Orange City Fire Department	100%	74	68	38	97%	0	48
Orange County Environmental Health	100%	741	294	217	76%	1	45
Oxnard Fire Department	100%	50	43	24	92%	1	56
Pasadena Fire Department	50%	33	31	21	67%	0	102
Placer County Environmental Health	98%	101	140	57	95%	3	44
Plumas County Environmental Health	79%	15	31	13	85%	0	65
Riverside County Dept of Environmental Health	95%	666	475	236	76%	13	75
Roseville City Fire Department	100%	52	97	26	96%	0	53
Sacramento County Environmental Mgmt Dept	97%	463	420	238	55%	4	75
San Benito County Health Department	100%	23	17	7	86%	0	60
San Bernardino County Fire Department	95%	809	251	200	75%	8	52
San Diego County Dept of Environmental Health	94%	915	608	283	90%	0	29
San Francisco City & County Public Health Dept	0%	0	0	0	N/A	0	N/A
San Joaquin County Environmental Health	100%	261	484	206	81%	3	65
San Luis Obispo City Fire Department	87%	21	16	12	58%	0	45
San Luis Obispo County Environmental Health	100%	107	87	46	87%	0	53
San Mateo County Environmental Health	99%	301	157	109	81%	0	83
Santa Barbara County Environmental Health	83%	124	33	26	81%	0	43
Santa Clara City Fire Department	98%	65	26	22	45%	0	50
Santa Clara County Environmental Health	96%	370	457	224	27%	0	24
Santa Clara County Fire Department	82%	55	0	0	N/A	0	N/A
Santa Cruz County Environmental Health	90%	98	37	28	39%	0	57
Santa Fe Springs Fire-Rescue	94%	32	17	16	88%	0	55
Santa Monica Fire Department	85%	33	36	16	81%	0	56
Santa Rosa City Fire Department	93%	51	34	21	95%	0	39
Shasta County Environmental Health	100%	116	123	74	95%	0	75
Sierra County Human Services Department	100%	5	5	1	0%	1	No RTC
Siskiyou County Community Development	100%	32	39	18	83%	1	68
Solano County Environmental Health	97%	194	30	27	0%	0	No RTC
Sonoma County Fire & Emergency Services Dept	98%	82	51	33	76%	0	81
Stanislaus County Environmental Resources	93%	197	657	109	83%	2	206
Sunnyvale Department of Public Safety	100%	49	7	6	83%	1	22
Tehama County Environmental Health	100%	44	36	24	67%	0	46
Tulare County Environmental Health	97%	262	195	114	52%	0	46
Tuolumne County Environmental Health	94%	34	24	15	73%	1	100
Union City Environmental Programs	100%	22	8	7	71%	0	54
Ventura City Fire Department	100%	52	4	3	100%	1	92
Ventura County Environmental Health	96%	158	94	63	95%	0	28
Vernon Health & Environmental Control Dept	79%	30	7	7	71%	0	92
Yolo County Environmental Health	98%	98	57	39	97%	0	22
Yuba County Environmental Health Department	97%	36	8	6	67%	0	11
Statewide Totals	93%	13465	11471	5030	64%	105	86

Average # Days Until RTC calculations are per violation, not per facility, and exclude violations RTC at the time of the inspection (same day RTC).

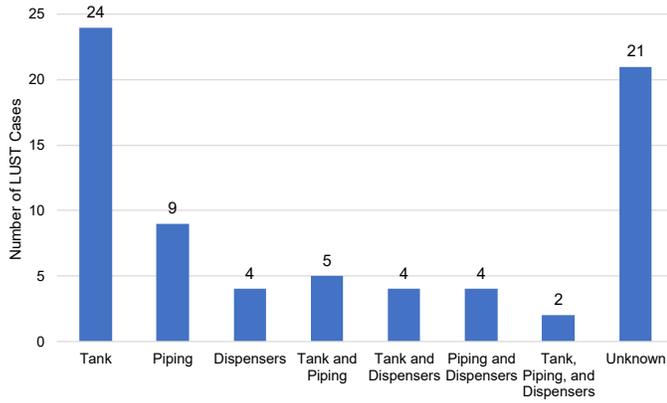
Enforcement includes an Administrative Enforcement Order, a Red Tag to prohibit fuel delivery, or a Referral to the City Attorney/District Attorney/Other.

Fifteen (15) UPAs had 100% of priority violations RTC by April 2018. Of those, 13 UPAs not listed in the table also reported no enforcement initiated: Alpine, Amador, Del Norte, Fremont, Fullerton, Healdsburg/Sebastopol, Lassen, Modoc, Petaluma, San Leandro, Sutter, Tarrant, and Trinity (State DTSC).

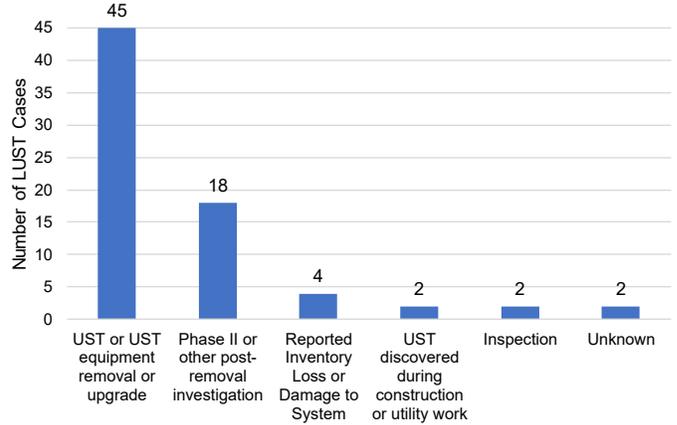
Confirmed New Releases - New Leaking UST Cleanup Cases

GeoTracker leaking UST (LUST) data indicate that UST owners, operators and regulators reported 73 new releases from petroleum USTs between January and December 2017.

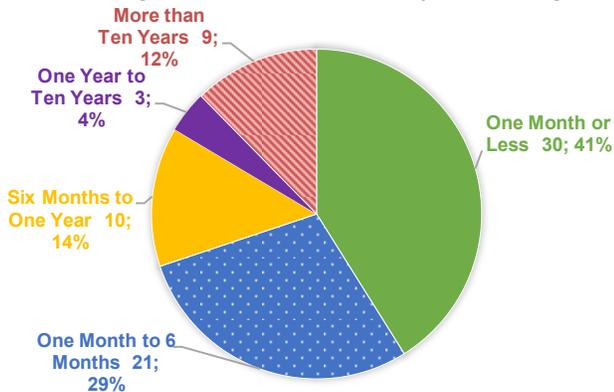
Source of Release



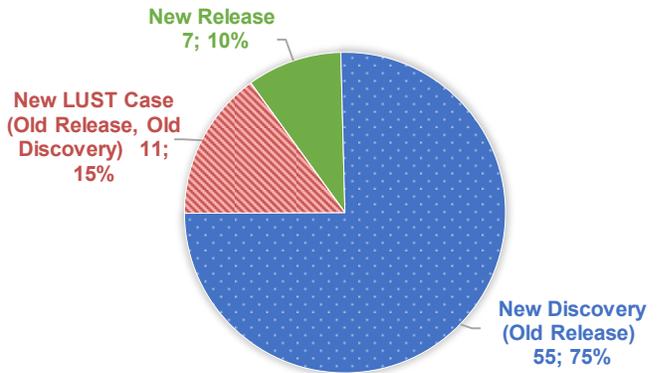
How Release was Discovered



Release Report to LUST Case (Time Elapsed)

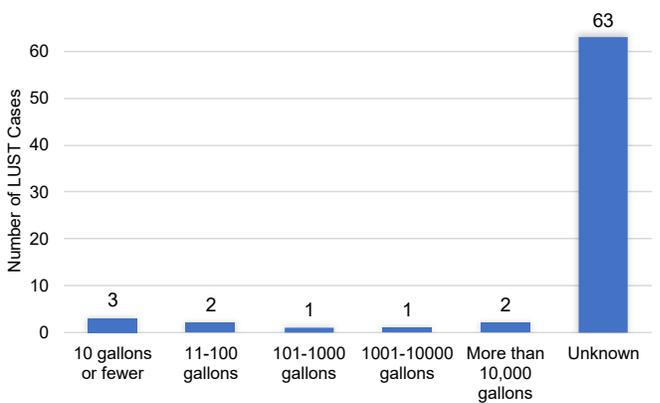


What's "New" About the Release

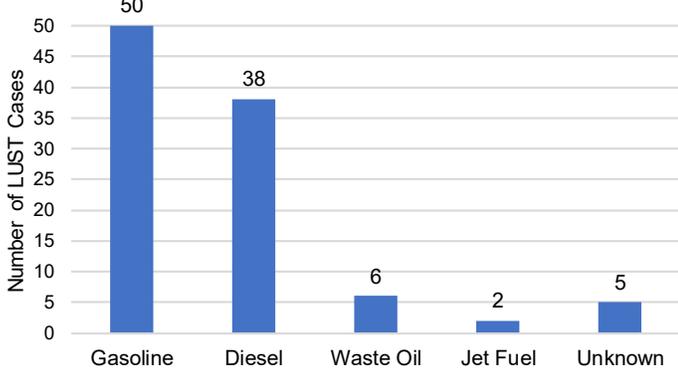


*Old: refers to events happening more than one year ago.

Estimated Volume per Release

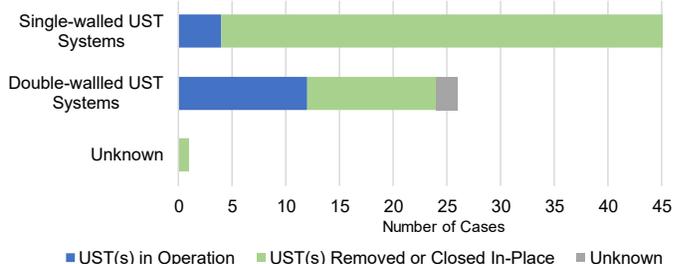


Substance Released



Note: In some cases, more than one substance has been identified. Therefore, the total number for this chart does not reflect the total number of cases.

UST System Design & Status

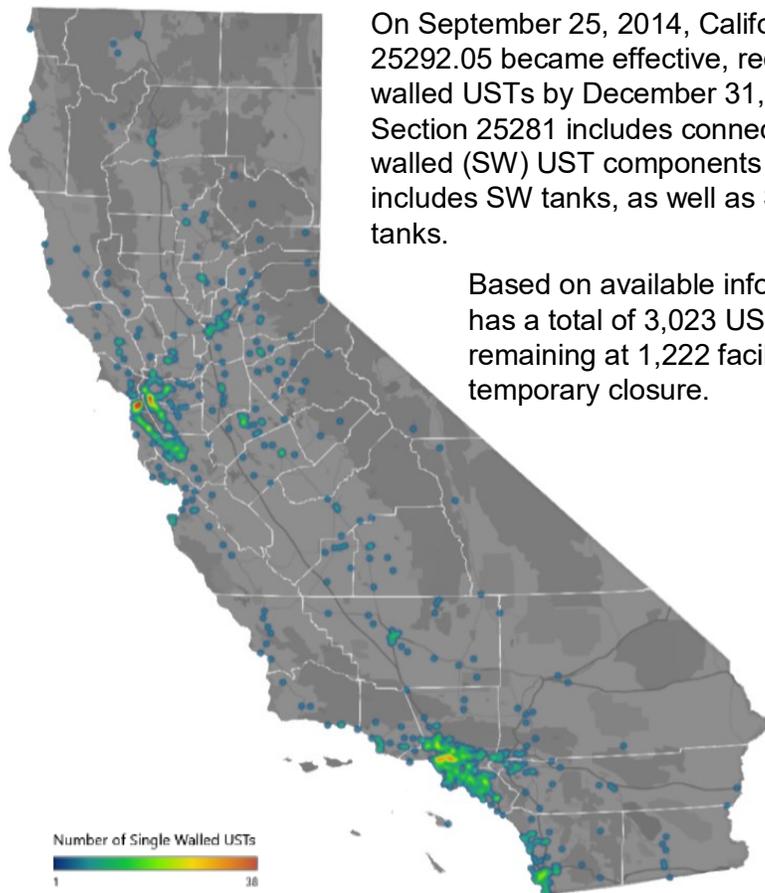


* Design and status are for the one or more UST systems involved in the release

See Appendix A

for details on individual releases

Single-Walled (SW) USTs



On September 25, 2014, California Health and Safety Code (HSC), Section 25292.05 became effective, requiring the permanent closure of all single-walled USTs by December 31, 2025. The statutory definition of UST in HSC Section 25281 includes connected piping. As a result, the universe of single-walled (SW) UST components that need to be removed and replaced includes SW tanks, as well as SW piping connected to double-walled (DW) tanks.

Based on available information in CERS as of April 2018, California has a total of 3,023 UST systems with either a SW tank or SW piping remaining at 1,222 facilities. Seventeen of these systems are in temporary closure.

California Single-walled USTs

	SW Tank	DW Tank SW Piping	Total
USTs	2,243	780	3,023
Facilities	795	445	1,222

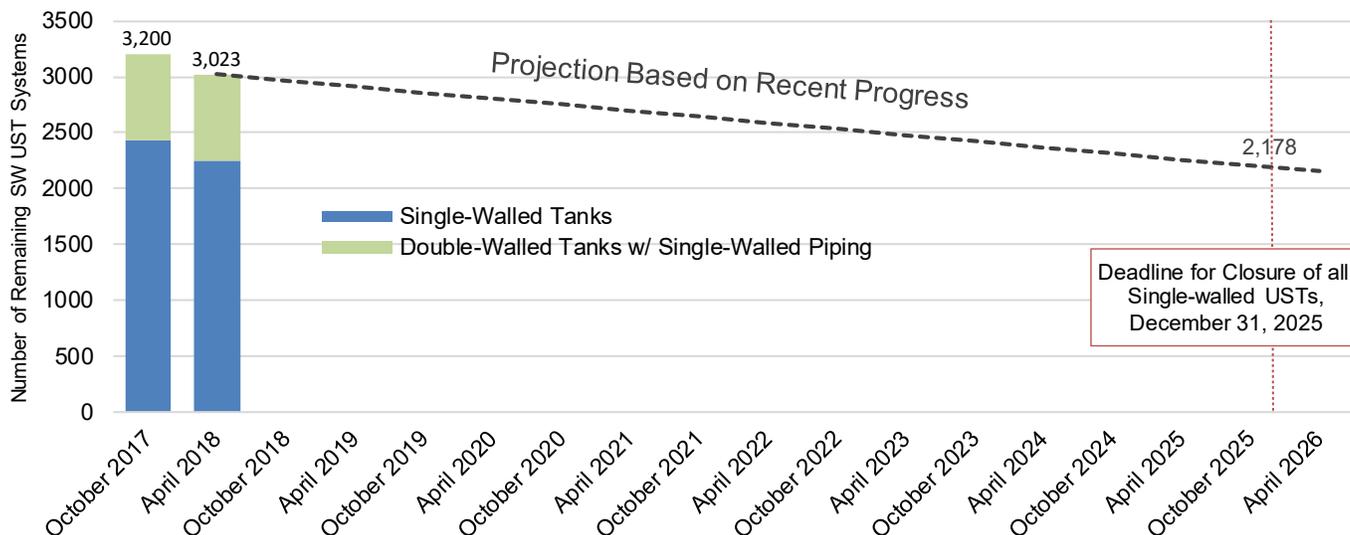
Total Facilities (1,222) is less than the sum of SW Tank and DW Tank SW Piping (1,240) because some facilities have both types of UST system.

Single-walled UST Closures in 2017

SW Tanks	DW Tanks SW Piping	Total	Two Year Closure Average
121	12	133	109

CERS data continues to be corrected, so the total closures for a period may not match the difference in the number of remaining single-walled USTs between periods.

Statewide Progress - Single-Walled UST Closure



Check https://www.waterboards.ca.gov/ust/single_walled/ for additional information and resources.

Single-Walled USTs by UPA, Sorted by Storage Capacity

UPA	Total # SW USTs	Total # SW UST Facilities	Total Gallon Storage Capacity, SW USTs	# SW Tanks	Gallon Capacity, SW Tanks	# DW Tanks w/ SW Piping	Gallon Capacity, DW Tanks w/ SW Piping	SW UST Facilities w/ Unresolved Priority Violations*
Los Angeles City Fire Department	238	118	3,161,574	143	2,534,500	95	627,074	19
San Diego County Dept of Environmental Health	278	99	2,716,135	203	2,028,960	75	687,175	3
Kings County Environmental Health	34	12	2,065,899	27	2,009,899	7	56,000	2
Los Angeles County Department of Public Works	160	70	1,762,749	129	1,548,270	31	214,479	31
Contra Costa County Health Services Dept	171	65	1,572,200	141	1,352,100	30	220,100	2
Orange County Environmental Health	163	66	1,565,746	130	1,323,426	33	242,320	7
Alameda County Environmental Health	139	55	1,268,599	120	1,143,479	19	125,120	21
San Francisco City & County Public Health Dept	122	53	1,195,890	101	1,113,600	21	82,290	0
San Mateo County Environmental Health	116	48	1,024,304	91	917,604	25	106,700	3
Stanislaus County Environmental Resources	99	29	923,000	93	873,000	6	50,000	5
San Bernardino County Fire Department	71	30	689,280	46	473,920	25	215,360	2
Bakersfield City Fire Department	63	23	677,228	57	632,000	6	45,228	5
Kern County Environmental Health Services	72	26	664,500	69	628,500	3	36,000	5
Sacramento County Environmental Mgmt Dept	58	23	552,100	37	395,000	21	157,100	5
Yuba County Environmental Health Department	20	5	524,000	14	464,000	6	60,000	1
Riverside County Dept of Environmental Health	60	27	506,449	34	257,849	26	248,600	4
Solano County Environmental Health	5	26	438,892	25	221,000	30	217,892	5
Fresno County Department of Public Health	35	10	406,327	27	364,772	8	41,555	3
Monterey County Health Department	54	20	397,550	46	364,500	8	33,050	4
Santa Clara County Environmental Health	46	27	361,940	27	259,000	19	102,940	16
Marin County Dept of Public Works	41	18	358,600	33	289,100	8	69,500	1
Merced County Environmental Health	32	14	330,000	22	249,000	10	81,000	0
Shasta County Environmental Health	34	11	324,000	26	244,000	8	80,000	0
Long Beach Environmental Health	21	8	320,500	9	106,000	12	214,500	0
Amador County Environmental Health	47	15	317,000	34	233,000	13	84,000	0
Ventura County Environmental Health	35	15	266,550	25	220,550	10	46,000	0
Butte County Environmental Health	30	11	263,964	21	205,200	9	58,764	6
Calaveras County Environmental Health	34	11	253,950	34	253,950	0	0	2
Tulare County Environmental Health	25	10	228,000	15	139,000	10	89,000	3
Santa Barbara County Environmental Health	18	8	226,000	17	216,000	1	10,000	1
Santa Clara County Fire Department	23	10	220,046	22	219,526	1	520	0
Anaheim City Fire Department	24	11	217,550	13	103,000	11	114,550	1
Mendocino County Environmental Health	29	9	212,600	21	167,000	8	45,600	1
San Luis Obispo County Environmental Health	16	7	210,550	13	110,000	3	100,550	0
Imperial CUPA - DTSC	21	10	208,820	10	102,320	11	106,500	2
Santa Rosa City Fire Department	21	4	208,000	19	188,000	2	20,000	0
Santa Cruz County Environmental Health	21	9	200,550	18	180,000	3	20,550	1
Hayward City Fire Department	24	11	199,550	19	184,000	5	15,550	2
Humboldt County Environmental Health	23	9	193,084	19	172,084	4	21,000	2
Santa Fe Springs Fire-Rescue	18	2	186,000	0	0	18	186,000	0
Placer County Environmental Health	23	10	178,020	21	172,500	2	5,520	0
San Leandro City	19	10	174,600	10	115,000	9	59,600	0
Ventura City Fire Department	15	7	168,050	12	152,000	3	16,050	0
El Dorado County Environmental Management	21	8	165,520	14	115,000	7	50,520	1
Plumas County Environmental Health	21	5	164,000	21	164,000	0	0	0
Vernon Health & Environmental Control Dept	11	4	162,000	0	0	11	162,000	1
Berkeley City Toxics Management Division	18	7	156,020	15	154,000	3	2,020	0
Inyo County Dept of Environmental Health	13	4	156,000	13	156,000	0	0	1

SW: Single-walled

DW: Double-walled

* Total Number of Unresolved Priority Violations cited in the past 18 months for facilities with one or more single-walled UST system.

Single-Walled UST Systems by UPA, Sorted by Storage Capacity (Continued)

UPA	Total # SW USTs	Total # SW UST Facilities	Total Gallon Storage Capacity, SW USTs	# SW Tanks	Gallon Capacity, SW Tanks	# DW Tanks w/ SW Piping	Gallon Capacity, DW Tanks w/ SW Piping	SW UST Facilities w/ Unresolved Priority Violations*
Livermore-Pleasanton FD	15	5	146,262	12	112,262	3	34,000	0
Pasadena Fire Department	12	3	140,500	9	100,000	3	40,500	0
Torrance Fire Department	14	6	115,070	10	112,000	4	3,070	0
Yolo County Environmental Health	11	3	114,000	10	104,000	1	10,000	0
Sunnyvale Department of Public Safety	13	6	109,337	8	78,287	5	31,050	0
Mariposa County Public Health Department	16	9	106,017	7	68,000	9	38,017	0
Burbank Fire Department	15	8	104,550	11	82,500	4	22,050	0
Sonoma County Fire & Emergency Services	15	7	96,500	14	96,000	1	500	0
Sierra County Human Services Department	7	2	95,000	7	95,000	0	0	1
Fullerton City Fire Department	12	5	91,000	10	90,000	2	1,000	0
El Segundo City Fire Department	16	5	88,797	2	60,000	14	28,797	0
Santa Clara City Fire Department	9	5	88,254	7	68,254	2	20,000	0
Roseville City Fire Department	8	3	78,000	8	78,000	0	0	0
Fremont City Fire Department	11	6	75,050	7	63,000	4	12,050	0
Sutter County Environmental Health	8	3	72,000	7	64,000	1	8,000	0
Colusa County Health and Human Services	7	2	70,000	7	70,000	0	0	0
Orange City Fire Department	15	9	64,750	9	60,750	6	4,000	0
Nevada County Environmental Health	6	2	64,000	6	64,000	0	0	1
Tuolumne County Environmental Health	12	6	62,940	6	35,000	6	27,940	2
Siskiyou County Community Development	7	4	62,000	3	30,000	4	32,000	0
Petaluma City Fire Department	7	2	61,860	4	31,860	3	30,000	0
San Benito County Health Department	4	1	56,000	4	56,000	0	0	0
Lake County Environmental Health	7	3	53,000	7	53,000	0	0	0
Gilroy City Fire Department	6	2	52,000	3	30,000	3	22,000	1
Santa Monica Fire Department	4	1	48,000	0	0	4	48,000	0
Mono County Health Department	7	3	46,000	0	0	7	46,000	1
Milpitas City Fire Department	5	3	31,000	3	30,000	2	1,000	0
Mountain View Fire Department	2	1	20,000	2	20,000	0	0	0
Trinity County - DTSC	2	1	20,000	0	0	2	20,000	0
Oxnard Fire Department	3	2	15,500	2	10,500	1	5,000	0
San Joaquin County Environmental Health	3	3	15,500	0	0	3	15,500	0
Union City Environmental Programs	1	1	10,000	0	0	1	10,000	0
San Luis Obispo City Fire Department	1	1	8,000	0	0	1	8,000	1
Napa County Dept of Environmental Mgmt	4	3	3,550	2	2,000	2	1,550	0
Glendale City Fire Department	5	5	3,050	0	0	5	3,050	1
Del Norte Environmental Health Division	1	1	2,000	0	0	1	2,000	0
Alpine County Health Department	0	0	0	0	0	0	0	0
Glenn County Air Pollution Control District	0	0	0	0	0	0	0	0
Healdsburg/Sebastopol JPA	0	0	0	0	0	0	0	0
Lassen County Environmental Health	0	0	0	0	0	0	0	0
Madera County Environmental Health	0	0	0	0	0	0	0	0
Modoc County Environmental Health	0	0	0	0	0	0	0	0
Tehama County Environmental Health	0	0	0	0	0	0	0	0
Statewide Total	3,023	1,222	31,033,373	2,243	25,280,022	780	5,753,351	176

SW: Single-walled

DW: Double-walled

* Total Number of Unresolved Priority Violations cited in the past 18 months for facilities with one or more single-walled UST system.

Note: Single-walled UST System numbers and capacity are likely underreported in this table. 1,733 UST facilities in CERS lack tank-specific information.

Appendix A: Confirmed UST Releases, January – December 2017

Statewide Release Total: 73

Los Angeles County Department of Public Works (19 cases)

1. Arbor Walk-LA County Mayflower 4332 Live Oak Ave, Arcadia

New Discovery (Old Release) Diesel, Volume Unknown, Tank/Dispenser

The release was discovered August 2017 when two (2) UST systems originally installed in 1998 were removed. The UST Closure Report submitted to Los Angeles County Department of Public Works (DPW) September 2017 indicates the majority of contamination was detected beneath one of the USTs and two of the dispensers. The contamination near the dispensers was over-excavated to 12 feet below ground surface (bgs). Los Angeles County DPW referred the case to the Regional Board October 2017. A Preclosure Notification was issued February 2018. The site is currently vacant with planned residential redevelopment.

2. Airport Park Hotel Former 600 Prairie Ave S, Inglewood

New Discovery (Old Release) Gasoline, Volume Unknown, Tank

A UST was encountered during site redevelopment and removed June 2017. The piping and dispensers had previously been removed. The UST Closure Report submitted to Los Angeles DPW July 2017 indicates the tank was upside down at the time of removal with the opening for three former pipes capped with welded steel; additionally, four holes were observed in the tank. Impacted soil was over-excavated and petroleum constituents were not detected in confirmation samples collected from the excavation floor. Los Angeles County DPW referred the case to the Regional Board November 2017. The case was closed April 2018. Construction is underway at the site with development of a new NFL stadium as well as mixed residential and commercial buildings planned.

3. Blue River Denim (Former) 13200 Avalon Blvd, Los Angeles

New Discovery (Old Release) Diesel, Volume Unknown, Tank

A UST was discovered during a geophysical survey conducted as part of a Phase I Environmental Site Assessment (ESA) April 2017. The release was discovered during UST removal September 2017. The UST Removal Report submitted to Los Angeles DPW November 2017 indicated the tank contained approximately 413 gallons of residual fuel waste; no pipes were observed; no odors, staining, or evidence of fuel release was observed, and the UST was noted to be in good overall condition with minor pinhole breaches observed in the tank top. Elevated petroleum concentrations were detected in soil samples collected at 13 feet bgs. Impacted soil was over-excavated to 18 feet bgs. Additional soil sampling was conducted, indicating remaining contamination is limited in vertical and horizontal extent. Soil vapor samples collected were collected at 6 ft bgs and results were below Low-Threat Closure Policy (LTCP) vapor intrusion limits. One grab groundwater sample was collected and results were below water quality objectives (WQOs). Los Angeles County DPW referred the case to the Regional Board December 2017. A Preclosure Notification was issued March 2018. The site is currently a warehouse building with offices.

4. Chevron Service Station #9-1293

102 Huntington Dr E, Arcadia

New LUST Case (Old Release, Old Discovery)

Gasoline, Volume Unknown, Piping/Dispenser

In January 1996, four (4) single-walled UST systems originally installed in 1971 were removed. The UST removal report submitted to Los Angeles County DPW June 1996 notes no holes in the USTs and proposes “product piping or joints” as the release source. The highest concentrations of petroleum constituents were detected beneath the northwestern-most dispenser. Impacted soil was over-excavated to approximately 8 feet bgs. Los Angeles County DPW referred the case to the Regional Board June 2017. The site remains an active commercial fueling facility.

5. Circle K Stores, Inc.

2010 Hacienda Blvd, Hacienda Heights

New Release

Gasoline and Diesel, Less than 3 Gallons, Piping

The release was caused in April 2017 when a when a saw blade cut through the top of the diesel and 91-octane gasoline feed lines to the dispenser. The concrete above the product lines was being cut to investigate a potential leak, suspected due to a failed helium leak detection test. The emergency stop button associated with the fuel system was immediately engaged. Impacted soil was over-excavated to approximately 3 feet bgs. Los Angeles County DPW referred the case to the Regional Board December 2017. The site is remains an active commercial fueling facility.

6. City of Lawndale Public Works Dept

4722 Manhattan Beach Blvd, Lawndale

New LUST Case (Old Release, Old Discovery)

Gasoline, Volume Unknown, Dispenser

The release was discovered when three (3) USTs were removed December 1998. The UST Removal Report submitted to Los Angeles County DPW February 1999 indicates elevated petroleum constituents were detected near the former dispensers. Impacted soil was over-excavated to 3 feet bgs. Los Angeles County DPW referred the case to the Regional Board September 2017. The site is currently a City of Lawndale Public Works Department Municipal Yard.

7. City Ventures Homebuilding LLC

825 Olympic Blvd W, Montebello

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Source within the UST System Unknown

During site demolition and regrading activities July 2017, two abandoned USTs were encountered. The release was discovered when the USTs were removed August 2017. Los Angeles County DPW referred the case to the Regional Board August 2017. The Regional Board referred the case to Los Angeles County Fire Department (LA County FD) September 2017. The UST Remedial Excavation and Request for Closure Report submitted to LA County FD October 2017 indicated the USTs were riveted, steel tanks which were commonly used for storing petroleum products in the late 1800s and early 1900s. Both USTs were partially filled with a petroleum hydrocarbon-water mixture and several holes and ruptured seams were noted. Stained soil was also noted around the perimeter of the tanks. Impacted soil was over-excavated to 13 feet bgs October 2017; confirmation sampling indicated remaining contamination is limited to the west sidewall of the excavation where additional over-excavation was not feasible due to the presence of an offsite building (an auto body shop). Residential redevelopment of the site is currently underway.

8. Colorado Chevron

500 Santa Anita Ave N, Arcadia

New LUST Case (Old Release, Old Discovery)

Gasoline, Volume Unknown, Piping/Dispenser

The release was discovered in 2001 during dispenser removal. The release involved two (2) double-walled UST systems originally installed in 1988. Soil results for samples collected from beneath the dispensers were submitted to Los Angeles County DPW November 2001, which indicated low levels of petroleum constituents were detected. Los Angeles County DPW referred the case to the Regional Board April 2017. An Additional Site Assessment was conducted December 2017, indicating low levels of petroleum constituents remain in soil at the Site. A Preclosure Notification was issued March 2018. The site remains an active commercial fueling facility.

9. Econo Lube & Tune Inc

633 Atlantic Blvd N, Monterey Park

New LUST Case (Old Release, Old Discovery)

Waste Oil, Volume Unknown, Source within the UST System Unknown

In September 1998, a single-walled waste oil UST system was removed. The UST removal report submitted to Los Angeles County DPW October 1998 indicates petroleum constituents were detected beneath the waste oil UST. Los Angeles County DPW referred the case to the Regional Board April 2017. The area of the former UST was excavated to 25 feet bgs for site redevelopment in 2017. One (1) soil sample was collected from the bottom of the excavation and petroleum constituents were not detected in the sample. Public Notice of case closure was issued April 2018. Construction of a hotel at the site is ongoing with the hotel expected to open in 2018.

10. Golden State Enterprises

601 Grand Ave N, Covina

New Discovery (Old Release)

Diesel, Volume Unknown, Dispenser

A release was discovered during under-dispenser containment (UDC) replacement activities October 2016. It involved one (1) of the four (4) UST systems at the site, originally installed in 1995. Soil samples were collected beneath the UDC and product piping. The Soil Sampling Results Report submitted to Los Angeles County DPW October 2016 indicates the highest concentrations of petroleum constituents were found in the sample collected beneath the piping near the east end of the UDC. Los Angeles County DPW referred the case to the Regional Board January 2017. The site remains an active commercial fueling facility.

11. LA Co DPW Aviation Division El Monte Airport

4233 Santa Anita Ave, El Monte

New Discovery (Old Release)

Aviation Gas, Volume Unknown, Source within the UST System Unknown

The release was discovered when one UST originally installed in 1990 was removed March 2017. The UST Removal and Confirmation Soil Sampling Report indicates the release is likely from previous USTs that were removed in 1990 as records indicate soil staining was noted and sampling confirmed that aviation gas was present during the UST replacement in 1990. Three borings were advanced and samples collected between 20 and 40 feet bgs April 2017; results confirmed the presence of aviation gas at 20 and 40 feet bgs. Los Angeles County DPW referred the case to the Regional Board July 2017. The site is an airport.

12. LA Co Fire Station #186

280 Bonita Ave E, Pomona

New LUST Case (Old Release, Old Discovery)

Diesel, Volume Unknown, Tank

The release was discovered when samples were collected from the bottom of the tank excavation pit September 1993. The sample results submitted in the Soil Sampling at the UST Facilities of the City of Pomona report submitted to Los Angeles County DPW August 1995 indicated low levels of petroleum constituents were present beneath the former tank. Los Angeles County DPW referred the case to the Regional Board November 2017. The site is a Los Angeles County Fire Station.

13. McKenna Motor Co

10966 Nance St, Norwalk

New LUST Case (Old Release, Old Discovery)

Waste Oil and Diesel, Volume Unknown, Tank

One diesel UST was removed June 2003 and one waste oil UST was removed May 2004. Soil results indicated low levels of petroleum beneath the former diesel tank and elevated petroleum concentrations beneath the former waste oil tank. Los Angeles County DPW referred the case to the Regional Board July 2017. The site is currently a parking lot for an automobile dealership.

14. Miller 1994 Family Trust

1140 La Brea Ave S, Inglewood

New Discovery (Old Release)

Gasoline, Volume Unknown, Source within the UST System Unknown

The release was discovered during two (2) Phase II ESAs April 2016. The ESAs indicate an unknown number of single-walled USTs were present when the site was operated as a gas station between the 1950s and the 1980s. The USTs have been removed, but there is no documentation of the UST removal. Soil and groundwater samples were collected during a geophysical survey conducted 2016 to identify the former UST pit and former dispenser area. Los Angeles County DPW referred the case to the Regional Board February 2017. Additional assessments were conducted October 2016 and August 2017, including the installation of one (1) groundwater monitoring well and three (3) SVE wells. Petroleum constituents were detected in soil samples collected from 5 feet bgs to the maximum depth sampled of 50 feet bgs, with highest concentrations reported between 20 and 30 feet bgs. Petroleum constituents were detected in groundwater and results were below WQOs when the monitoring well was last sampled February 2018. The site is a strip mall with an automotive repair facility.

15. Pacific Realty Associates LP

9016 Huntington Dr, San Gabriel

New Discovery (Old Release)

Gasoline, Volume Unknown, Source within the UST System Unknown

One UST and two belly tanks were removed October 2017. Petroleum hydrocarbons were not detected in samples collected beneath the former tanks. Low levels of metals were detected. Los Angeles County DPW referred the case to the Regional Board December 2017. The site is currently a retail shopping center.

16. PIH Health Hospital Downey	11500 Brookshire Ave, Downey
New Discovery (Old Release)	Diesel, Volume Unknown, Piping
<p>The release was discovered during piping replacement activities in 2017. The double-walled diesel generator UST system involved in the release was installed in 1986. A report submitted to Los Angeles County DPW March 2017 indicated soil borings were advanced near the northern end of the UST and maximum concentrations of petroleum constituents were detected at 10 feet bgs. Los Angeles County DPW referred the case to the Regional Board October 2017. The site continues to operate two (2) diesel generator UST systems.</p>	
17. Quemetco, Inc.	720 7th Avenue S, City of Industry
New LUST Case (Old Release, Old Discovery)	Diesel, Volume Unknown, Dispenser
<p>A release was discovered during product piping replacement activities May 2003. It involved one (1) double-walled UST system, installed in 1986. A June 2003 laboratory report indicates petroleum constituents were detected in samples collected beneath a dispenser, but no additional information on sampling or sample location was provided. Los Angeles County DPW referred the case to the Regional Board March 2017. The site remains an active commercial fueling facility.</p>	
18. West Hollywood Development	8550 Santa Monica Blvd, West Hollywood
New Discovery (Old Release)	Unknown Substance, Volume Unknown, Source within the UST System Unknown
<p>One UST was found during site redevelopment and removed June 2017. The UST Removal & Soil Sampling Report submitted to Los Angeles County DPW June 2017 notes there was no evidence of holes observed in the UST and very low petroleum detections in soil beneath the UST. Los Angeles County DPW referred the case to the Regional Board July 2017. A commercial building is currently under construction at the site.</p>	
19. William J. Fox Airfield – Terminal Building	4555 West Avenue G, Lancaster
New Discovery (Old Release)	Diesel, Volume Unknown, Piping
<p>One diesel UST originally installed in 2005 was removed November 2017. The UST Closure Report submitted to Los Angeles County DPW December 2017 indicated petroleum constituents were not detected in soil samples collected beneath the former UST, but very low levels of petroleum were detected beneath the product piping. Los Angeles County DPW referred the case to the Regional Board January 2018. A Public Notice of Proposed Case Closure was issued April 2018. The site is an industrial building.</p>	

Los Angeles City Fire Department (6 cases)

<p>20. 76 Station #0979</p>	<p>4600 Melrose Ave, Los Angeles</p>
<p>New Discovery (Old Release)</p>	<p>Gasoline, Volume Unknown, Source within the UST System Unknown</p>
<p>The case was opened after petroleum constituents were detected at an adjacent property during a Phase II ESA February 2017. Two previous cases at this site were opened in 1986 and 1998 and closed in 1997 and 2013, respectively. There is no indication that a new release has occurred; this case was opened to assess the vapor intrusion risk at the adjacent residential property. The Limited Phase II ESA submitted to Los Angeles Regional Water Board July 2017 indicates petroleum constituents were detected in three (3) soil borings advanced at the residential property to the west of the site. A Soil Vapor Investigation Work Plan was submitted November 2017 and approved March 2018. The site remains an active commercial fueling facility.</p>	
<p>21. Choes Auto Central</p>	<p>4368 Avalon Blvd, Los Angeles</p>
<p>New LUST Case (Old Release, Old Discovery)</p>	<p>Diesel and Gasoline, Volume Unknown, Source within the UST System Unknown</p>
<p>The release was reported when a waste oil UST was removed March 2002. A Site Assessment Work Plan submitted to Los Angeles City Fire Department (LAFD) August 2016 indicated the petroleum constituents detected beneath the former waste oil UST were gasoline and diesel. LAFD referred the case to the Regional Board October 2017. The Regional Board approved a modified work plan for additional assessment May 2018. The site remains an active commercial fueling facility and automotive repair shop.</p>	
<p>22. Former Gasoline Station</p>	<p>3128 Sunset Blvd, Los Angeles</p>
<p>New Discovery (Old Release)</p>	<p>Gasoline, Volume Unknown, Source within the UST System Unknown</p>
<p>The case was opened after petroleum constituents were detected in soil during a Phase II ESA September 2016; a geophysical survey also identified a metallic anomaly. Records indicate the site was a gas station from 1925 to 1970 and an auto repair shop from 1971 to 2010. Additional investigation was conducted February 2017 and petroleum constituents were detected below screening limits in soil vapor and above WQOs in two of three grab groundwater samples. LAFD referred the case to the Regional Board August 2017. A letter confirming the USTs associated with the gas station were removed was submitted October 2017. The case was closed January 2018. The site is currently a self-service car wash.</p>	
<p>23. Gardena Exxon Mobil Mart Inc</p>	<p>1645 190th St W, Los Angeles</p>
<p>New LUST Case (Old Release, Old Discovery)</p>	<p>Gasoline, Volume Unknown, Source within the UST System Unknown</p>
<p>A subsurface investigation was conducted as part of real estate due diligence October 2013. The Subsurface Site Assessment Report was submitted to LAFD November 2013 indicated elevated petroleum constituents were detected at 10 feet bgs near the USTs and 5 feet bgs near the dispensers. The USTs were installed in 1988. LAFD referred the case to the Regional Board September 2017. The site remains an active commercial fueling facility.</p>	

24. Phillip 66 5779	2701 3rd Street W, Los Angeles
New Discovery (Old Release)	Diesel, Volume Unknown, Source within the UST System Unknown
<p>The release was discovered during a Phase II ESA January 2016. The first-generation UST systems were present from 1935-1963 and the second-generation USTs were present from 1963-1975. The report on the site assessment was submitted to LAFD April 2017, indicating petroleum constituents were detected in soil, soil vapor, and groundwater samples. The report indicates no current UST systems were identified at the site. LAFD referred the case to the Regional Board May 2017. A Soil Vapor Survey Work Plan was submitted February 2018 and approved March 2018 with a report due date of May 2018; a request for extension of the due date to August 2018 was submitted April 2018 due to ongoing legal access negotiations. The site has been an automotive repair facility since 1963.</p>	

25. Pinto Property	2554 Pico Blvd W, Los Angeles
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Tank
<p>Six (6) USTs were removed from beneath the parking lot and sidewalk July 2017. Petroleum constituents were detected in soil beneath all six USTs. LAFD referred the case to the Regional Board November 2017. A Site Characterization Work Plan was submitted and approved March 2018. The site is currently and retail building and parking lot.</p>	

Alameda County Department of Environmental Health (5 cases)

26. 3014 Chapman St. Redevelopment	3014 Chapman Street, Oakland
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Piping/Tank
<p>Two (2) USTs were discovered under the sidewalk and were removed December 2017. The USTs had been inactive since at least 1991. The UST Removal Report submitted to Alameda County Department of Environmental Health (Alameda County DEH) indicates elevated petroleum constituents were detected in one sample beneath the diesel UST piping and very low levels of petroleum constituents were detected beneath the gasoline and diesel USTs. Impacted soil was over-excavated to 10 feet bgs beneath the former tanks and 1.5 feet bgs beneath the former product piping and confirmation soil sampling reported very low levels of petroleum constituents remaining in soil January 2018. The site is currently a multi-story residential building.</p>	

27. 401 Jackson St	401 Jackson St, Oakland
New Discovery (Old Release)	Gasoline, Volume Unknown, Source within the UST System Unknown
<p>Petroleum constituents were detected in grab groundwater samples collected during a Phase II ESA July 2017. Additional soil and groundwater samples were collected August 2017, confirming elevated petroleum constituents in groundwater and very low levels in soil. The Limited Phase II Subsurface Investigation submitted to Alameda County DEH July 2017 indicates a June 2017 Phase I ESA determined that gasoline USTs were installed at the site in the 1960s and abandoned in the 1980s. Sub-slab soil vapor samples were collected February 2018 and results were below commercial screening limits. A Public Notice of Potential Case Closure was issued March 2018. The site is an industrial warehouse.</p>	

28. 7-Eleven Store Number 37634	506 International Blvd, Oakland
New Discovery (Old Release)	Gasoline, Volume Unknown, Dispenser
<p>Three (3) USTs, originally installed in 1981, were removed and replaced September 2016. The Fuel System Removal Soil Sampling Report submitted to Oakland City Fire Department December 2016 indicated the highest concentrations of petroleum constituents were detected beneath the dispensers and hydraulic hoists. Oakland City Fire Department referred the case to Alameda County DEH December 2016. The site remains an active commercial fueling facility.</p>	

29. Chevron Gas Station (AK Services, Inc.)	4707 First Street, Livermore
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Dispenser/Piping
<p>The release was discovered when product piping and dispensers were removed and replaced as part of station reconstruction in 2017. The current USTs were installed in 1998. The Data Gaps Investigation Work Plan submitted to Alameda County October 2017 indicates petroleum constituents were detected in soil samples collected beneath product piping and dispensers July 2017. A May 2018 letter from Alameda County DEH indicates a report on additional site assessment was submitted March 2018, which includes the results of additional soil sampling and grab groundwater sampling; however, the report is not in GeoTracker. The Alameda County DEH letter indicates soil contamination has been vertically delineated and the release “does not appear to significantly impact groundwater”; the letter requests submission of a Data Gap Investigation Plan and Focused Site Conceptual Model by July 2018. The site remains an active commercial fueling facility.</p>	

30. Standard Oil - Broadway	4300 Broadway, Oakland
New Discovery (Old Release)	Gasoline, Diesel, and Waste Oil, Volume Unknown, Source within the UST System Unknown
<p>Correspondence indicates the release was discovered during a Phase II Site Assessment, but there are no reports in GeoTracker. A December 2017 letter from Alameda County DEH indicates petroleum constituents were detected in soil and groundwater samples collected June 2017 and requests a Data Gap Investigation Work Plan. An extension for submission of the work plan to May 2018 was granted March 2018. The site is currently a commercial building and parking lot.</p>	

San Mateo County Environmental Health (4 cases)

31. 2296 Pulgas Avenue	2296 Pulgas Avenue, East Palo Alto
New Discovery (Old Release)	Gasoline or Diesel, Volume Unknown, Tank
<p>The release was discovered when an abandoned UST was removed July 2017. The UST Removal Report submitted to San Mateo County Environmental Health July 2017 indicated holes were noted in the tank when it was removed. The UST was estimated to have been installed in the 1930s, based on historical site use info. Contents were identified as diesel or weathered gasoline. Additional soil sampling, soil vapor and sub-slab vapor sampling, and installation of three (3) groundwater monitoring wells took place November 2017. Petroleum constituents were not detected in soil and vapor samples and were detected below WQOs in groundwater in November 2017 samples. April</p>	

2018 emails in GeoTracker indicate San Mateo County Environmental Health plans to close the case. The site is currently a single-family residence.

32. 694 El Camino Real

694 El Camino Real, Redwood City

New Discovery (Old Release)

Gasoline, Volume Unknown, Tank

The release was discovered as part of a due diligence investigation April 2017. The release involved four (4) UST systems that were removed May 1983. The station operated from 1943-1977. Three (3) grab groundwater samples were collected April 2017 and petroleum constituents were detected in two of the samples. Groundwater monitoring wells located at adjacent sites helped to delineate the plume and the consultant conducted a survey of underground utilities to confirm that they would not act as a conduit. The case was closed February 2018. The Site is an automobile dealership.

33. Burlingame Police Station

1111 Trousdale Drive, Burlingame

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Source within the UST System Unknown

The release was discovered during a soil and groundwater investigation August 2017. Petroleum constituents were detected in soil and groundwater samples collected in the vicinity of two USTs. Reports indicate the City of Burlingame plans to remove the USTs. A Soil and Groundwater Investigation Work Plan was submitted and conditionally approved February 2018. The site is a City of Burlingame Police Station and the status of USTs is unknown.

34. PG&E San Carlos Service Center

275 Industrial Rd, San Carlos

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Source within the UST System Unknown

The release was discovered when two (2) USTs, originally installed in 1987, were removed November 2017. The Work Plan for Subsurface Investigation submitted to San Mateo County Environmental Health March 2018 indicates petroleum constituents were detected below WQOs in grab groundwater samples and below action limits in soil samples collected November 2017. San Mateo County Environmental Health requested additional assessment to define the vertical and horizontal extent of contamination and approved the Work Plan for Subsurface Investigation April 2018. The site remains an active fueling facility and PG&E Service Center.

Contra Costa County Health Services Department (3 cases)

35. Kaiser Medical Offices - Martinez

200 Muir Road, Martinez

New Release

Diesel, Approximately 50 Gallons, Tank

The release was reported when one (1) UST, originally installed in 1981, was removed November 2017. The Unauthorized Release Report indicates the entire tank was damaged during removal, causing groundwater to enter the tank and approximately 50 gallons of water from the tank landed on the pavement and entered the storm drain during tank removal. The tank had been previously emptied and triple rinsed. However, sheen was noted on the water in the excavation pit, so it appears unlikely that the release was limited to the water that entered the storm drain. A total of

approximately 11,000 gallons of water were removed from the excavation during three (3) separate dewatering events needed to repair the water lines that were adjacent to the UST and damaged during removal. Petroleum constituents were detected in soil and excavation pit water samples collected November 2017. Petroleum constituents were not detected in a water sample collected from the excavation pit December 2017, after three (3) dewatering events. The site is a medical office building with generator fuel stored in an above-ground storage tank.

36. Lennar Homes of California

3666 Mt. Diablo Blvd, Lafayette

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Piping/Tank

One (1) UST was discovered during site redevelopment and removed September 2017. The UST Removal Report submitted December 2017 indicates petroleum constituents were detected in soil samples collected from the tank excavation pit and beneath the product piping. A work plan for additional site assessment was submitted in March 2018. The site is currently under construction, with mixed-use commercial and residential development planned.

37. Saint Mary's College (St. Joseph's Hall)

1928 Saint Mary's Road, Moraga

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Piping/Tank

Five (5) UST systems originally installed in 1925 were located between September and December 2016 after some of the USTs were encountered during utility work at the Site at an unspecified earlier date. A Site Assessment was conducted December 2016 in which five (5) soil boring were advanced near the USTs. The report on the Site Assessment was submitted to Contra Costa County Health Services Department February 2017, noting that maximum concentrations of petroleum constituents were detected in the vicinity of the two (2) southern USTs. Contra Costa County Health Services referred the case to the Regional Board February 2017. The USTs have not been removed, but a work plan for removal was submitted May 2017 that indicated the USTs would be removed within 24 months. The USTs are located beneath a parking lot and sidewalk near a residence hall.

Fresno County Department of Public Health (3 cases)

38. Cal-West Rain Facility

4939 North Madera Avenue, Kerman

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Source within the UST System Unknown

Two (2) USTs were discovered during a site assessment for property transfer and removed April 2017. A report on UST removal submitted to Fresno County Department of Public Health (DPH) May 2017 had conflicting information, noting moderate rust and small holes and later in the report noting no holes observed. The report indicates the USTs were installed 30+ years ago and were single-walled USTs. Fresno County DPH referred the case to the Regional Board May 2017. Reports on additional investigation, submitted August 2017 and October 2017, indicate petroleum constituents were detected in soil between 5 and 20 feet bgs and in one (1) soil vapor sample, below residential and commercial Low-Threat Closure Policy (LTCP) criteria. A Preclosure Notification was issued January 2018. The site is an agricultural irrigation service and design business with no UST systems present.

39. Westside Ford Lincoln Mercury

1503 Eighth Street, Firebaugh

New Discovery (Old Release)

Gasoline, Volume Unknown, Tank/Piping

The release was reported when two USTs were removed July 2017. Fresno County Department of Public Health referred the case to the Regional Board December 2017. The Investigation Work Plan submitted to the Regional Board January 2018 indicates the tanks were noted to be heavily corroded with numerous holes when they were removed. Additional investigation was conducted February 2018, with petroleum constituents detected in soil samples collected between 5 and 15 feet bgs and petroleum constituents detected above WQOs in two of six grab groundwater samples. A Groundwater Well Installation Work Plan was submitted April 2018. The site is a vacant former automobile dealership and repair shop.

40. Wilson Homes

3600 North Leonard Avenue, Clovis

New Discovery (Old Release)

Gasoline, Volume Unknown, Tank

One (1) single-walled UST was discovered during site redevelopment and removed December 2016. The UST removal report submitted to Fresno County DPH January 2016 notes the UST appeared to have been used for a gasoline-powered wind machine, and the product piping associated with the UST system appeared to have been previously removed. Petroleum constituents were detected in the two (2) samples collected beneath the former UST. Fresno County DPH referred the case to the Regional Board January 2017. Additional soil sampling and soil vapor sampling were conducted in April and May 2017 and petroleum constituents were not detected. The case was closed November 2017. The Site has been redeveloped for residential use.

Kings County Environmental Health Services (3 cases)

41. 7 - Eleven # 35068

1790 E Bush St, Lemoore

New LUST Case (Old Release, Old Discovery)

Gasoline, Volume Unknown, Piping

The release was discovered when one UST and associated piping was removed and replaced November 2015. The Fuel System Upgrade Report submitted to Kings County Environmental Health Services (Kings County EHS) December 2015 indicates petroleum constituents were detected in water samples collected from the tank pit and in soil samples collected beneath the piping. Kings County EHS referred the case to the Regional Board October 2017. Three (3) groundwater monitoring wells were installed February 2018; petroleum constituents were not detected in groundwater samples collected from the monitoring wells or soil samples collected between 5 and 15 feet bgs during well installation. Three additional quarters of groundwater monitoring were requested by the Regional Board April 2018. The site remains an active commercial fueling facility.

42. 7-Eleven #37943

33190 Hubert Way, Kettleman City

New Discovery (Old Release)

Gasoline and Diesel, Volume Unknown, Dispensers/Piping

The release was discovered during dispenser upgrades October 2017. The Piping and Dispenser Upgrade Soil Sampling Report submitted to Kings County EHS October 2017 indicates petroleum constituents were detected in samples collected beneath the gasoline and diesel dispensers. The

current USTs were installed in 1997. Kings County EHS referred the case to the Regional Board October 2017. Additional site investigation was conducted March 2018; petroleum constituents were detected in soil samples collected between 5 and 80 feet bgs near the dispensers. The Regional Board requested additional vertical and horizontal delineation of soil contamination April 2018. The site remains an active commercial fueling facility.

43. Kettleman City Shell (2nd Release) 25712 Ward Drive, Kettleman City

New Release Gasoline, 10,248 Gallons, Tank

A release from a gasoline UST was discovered by inventory control and reported October 2017. The Unauthorized Release Report indicates the discharge began October 3, 2017 and was stopped October 10, 2017. CERS indicates the UST was installed in 1983 and permanently closed November 2017. A Preliminary Site Assessment Work Plan was submitted March 2018. The site remains an active commercial fueling facility.

Madera County Environmental Health (2 cases)

44. Bass Rentals 2183 W Kennedy Street, Madera

New Discovery (Old Release) Gasoline and Diesel, Volume Unknown, Tank

The release was discovered during removal of two (2) USTs November 2017. The November 2017 UST Removal Soil Sampling Report indicated petroleum constituents were detected in soil samples collected beneath the former USTs. Madera County Environmental Health referred the case to the Regional Board January 2018. Additional assessment was conducted March 2018 and petroleum constituents were not detected in soil samples collected between 10 and 20 feet bgs near the former USTs or in one soil vapor sample collected at 7 feet bgs between the former USTs and the onsite shop/office building. Developments at the site include a residence and a shop/office building.

45. Former Six Star Shell 125 Gateway Drive South, Madera

New Discovery (Old Release) Diesel, Volume Unknown, Tank/Dispenser

The release was discovered with three (3) USTs were removed December 2017. The December 2017 UST Removal Soil Sampling Report indicated the majority of petroleum constituents were detected in soil samples collected beneath the former diesel UST, while very minor concentrations were detected beneath the dispensers and gasoline USTs. Madera County Environmental Health referred the case to the Regional Board January 2018. The site is currently a used car dealership.

San Diego County Department of Environmental Health (2 cases)

46. Coronado Transportation Systems Inc 2401 Pacific Highway, San Diego

New Discovery (Old Release) Gasoline, Volume Unknown, Source within the UST System Unknown

In January 2017, one (1) UST system originally installed in 1998 was removed. The UST removal report submitted to San Diego County Department of Environmental Health February 2017 indicates petroleum constituents were detected in a grab groundwater sample collected from the UST

excavation, but not detected in soil samples. Four grab groundwater samples were collected February 2018 and results were below WQOs. The site is a public parking lot.

47. Post Corporation	234 3rd Ave, Escondido
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Tank
<p>Three (3) USTs were encountered July 2017 and removed August 2017. Records indicate the site had been a gas station from 1939 to 1964. The UST removal notes and photos indicate the tanks were severely corroded with numerous holes; stained soil and fuel odors were noted in excavation. Additional subsurface investigation was conducted October 2017 and petroleum constituents were detected at 7 feet bgs in one of the five soil borings advanced near the former USTs. The case was closed December 2017. The site is currently a used car dealership.</p>	

San Francisco City & County Public Health Department (2 cases)

48. Potrero Service Station Inc.	998 Potrero Avenue, San Francisco
New Discovery (Old Release)	Gasoline, Volume Unknown, Tank
<p>In January 2017, two (2) single-walled USTs were removed. The UST removal report submitted to San Francisco City & County Public Health Department March 2017 indicates the age of the USTs is unknown. One UST contained liquid and one had been filled with concrete. The UST with liquid was noted to have at least one visible hole. Discoloration and hydrocarbon odor were observed in soil beneath both USTs. Soil sample results indicate petroleum constituents were detected. A Preclosure Notification was issued July 2017. The site is an automotive repair facility.</p>	

49. SFFD Station #5	1301 Turk Street, San Francisco
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Dispenser/Tank
<p>The release was discovered when two (2) USTs, originally installed in 1995, were removed June 2017. There are no reports in GeoTracker; the only available data is in the Case Closure Summary. The case was closed January 2018. A new fire station is currently under construction at the site. The Case Closure Summary form notes that a new UST will be installed in the general area of the former USTs.</p>	

Santa Barbara County Environmental Health Services (2 cases)

50. Waye Trust Service Station	5590 Hollister Avenue, Goleta
New Discovery (Old Release)	Gasoline and Waste Oil, Unknown (Likely between 500 and 1,000 Gallons), Tank
<p>In February 2017, six (6) single-walled UST systems, originally installed in the 1970s or earlier, were removed. The USTs had previously been abandoned in-place and were discovered during a Phase II ESA June 2016. The Unauthorized Release Form dated February 2017 indicates the releases were from one (1) gasoline UST and one (1) waste oil UST. The report on UST removal, submitted to Santa Barbara County Environmental Health Services August 2017, indicates impacted soil was removed along with the USTs February 2017. The case was closed October 2017. The site is an automobile dealership.</p>	

**51. Vandenberg Air Force Base - TU713
(Formerly Facility 1713, Associated with Buildings 1706, 1709, 1714, & 1715) Airfield Road**

New Discovery (Old Release) Jet Fuel, Volume Unknown, Source within the UST System Unknown

The release is from a 50,000-gallon jet fuel UST originally installed in 1959. There is no record in the casefile of how the release was discovered and there is no record of UST removal. An Investigation Work Plan was submitted and approved March 2018; the work plan indicates field work is planned for March 2018. The site remains an active fueling station and air field.

Santa Clara County Environmental Health (2 cases)

52. Campbell 76 3145 S Bascom Ave, San Jose

New Release Gasoline and Diesel, 14,007 Gallons, Tank

In February 2017, a gasoline release was discovered by the station operator due to an inventory loss. The release was reported to Santa Clara County Environmental Health March 2017. The UST system involved in the release was installed in 1978. Inspection records in CERS indicate fuel was pumped out of all three (3) of the USTs at the facility March 2017 and the USTs were red tagged. One soil assessment and two soil gas assessments were performed March 2017, confirming the presence of gasoline near the USTs. The USTs were removed October 2017 and impacted soil beneath the former USTs was over-excavated to 17 feet bgs prior to installation of replacement USTs. A Corrective Action Plan for Soil Vapor Extraction was submitted January 2018 and approved April 2018. The site remains an active commercial fueling facility.

53. Costco #129 1601 Coleman Avenue, Santa Clara

New Discovery (Old Release) Gasoline, Unknown, Unknown

The release was discovered when three gasoline USTs originally installed in 1996 were removed October 2017. The Tank Removal Compliance Sampling Report submitted to Santa Clara County Environmental Health November 2017 indicates petroleum constituents were detected above WQOs in two water samples collected from the tank pit and petroleum constituents were detected in only one soil sample, below screening limits. Santa Clara County Environmental Health requested additional assessment in a May 2018 letter. The site remains an active commercial fueling facility.

Stanislaus County Environmental Resources (2 cases)

54. RK Service Station 12405 Yosemite Boulevard, Waterford

New Release Gasoline, 5-10 Gallons, Piping

A direct push drill rig punctured a product line during a site investigation June 2017. The UST system involved in the release was installed in 1993. A Product Line Repair and Soil Sampling report submitted to Stanislaus County Environmental Resources July 2017 notes that the service company estimated that only 5-10 gallons spilled out because the automatic shut-off engaged when the pressure in the pipe dropped. Elevated petroleum constituents were detected at 4.5 feet bgs beneath

the damaged pipe and a limited soil excavation was conducted July 2017. Additional assessment was conducted October 2017 confirming the majority of contamination had been removed. The case was closed January 2018. The site remains an active commercial fueling facility.

55. Sunny's Food Mart

2101 West Rumble Road, Modesto

New Release

Gasoline, Unknown, Spill Bucket

The release was discovered when the spill bucket was replaced after failing annual monitoring systems certification and spill bucket testing. Failed spill bucket tests were conducted July and November 2017. Elevated petroleum constituents were detected in soil samples collected beneath the spill bucket February 2018. The site remains an active commercial fueling facility.

Berkeley City Toxics Management Division (1 case)

56. Former Center for Independent Living

2539 Telegraph Ave, Berkeley

New Discovery (Old Release)

**Unknown (Likely Diesel or Waste Oil),
Volume Unknown, Tank**

In November 2016, one (1) UST system, originally installed sometime between 1941 and 1972, was removed. The UST was initially discovered during a Phase II ESA January 2006. Berkeley City Toxics Management Division referred the case to the Regional Board January 2017. The UST removal report submitted January 2017 identifies the UST as a heating oil tank, but the Regional Board indicated they consider the contents to be unknown until there is additional evidence, noting that it is possible the UST was used to store diesel during the time the Site was a grocery store or waste oil when the site was an automobile dealer and repair facility. A report on additional assessment and request for closure was submitted July 2017, noting that petroleum constituents detected in soil and groundwater do not pose a human health risk. A Notice of Intent to Issue No Further Action Letter was issued by the Regional Board September 2017. The Site is currently under construction with plans for a six-story mixed use retail and residential building.

Calaveras County Environmental Health Department (1 case)

57. San Andreas Mini Mart SAMM

401 E St Charles Street, San Andreas

New Discovery (Old Release)

**Gasoline, Volume Unknown,
Dispenser/Piping/Tank**

The release was discovered when dispensers and piping were removed November 2017, and three (3) tanks were removed January 2018. The USTs were originally installed in 1972. Calaveras County Environmental Health Department referred the case to the Regional Board January 2018. There are no reports in GeoTracker, but soil results were included in a February 2018 directive from the Regional Board and indicate petroleum constituents were detected beneath tanks, dispensers, and piping. An extension to the deadline for work plan submission was granted April 2018. CERS indicates the site is no longer an active fueling facility.

El Segundo City Fire Department (1 case)

58. Equinix Communications	1920 Maple Ave E, El Segundo
New Discovery (Old Release)	Diesel, Approximately 2,500 Gallons, Piping
<p>The release was discovered during UST upgrade and re-piping activities, conducted September 2016. The release involved two (2) UST systems installed 2001. The report on tank-top upgrade and re-piping activities was submitted to the City of El Segundo Fire Department (ESFD) November 2016 and indicates the highest concentrations were detected along the piping leading to the 11 generators powered by the USTs. ESFD referred the case to the Regional Board February 2017. The current owner indicated there are records of two (2) past releases at the Site: a spill of approximately 2,000 to 2,500 gallons in March 2008 when the generator belly tank malfunctioned and the fuel transfer pump failed to shut off, and a minor leak from a broken pipe in October 2014. Additional site assessment was conducted October 2017; soil samples were collected between 4 and 30 feet bgs and indicate petroleum contamination decreases with depth and is likely not a threat to groundwater. The case was closed in April 2018. The two diesel generator USTs are still present at the site.</p>	

Fremont City Fire Department (1 case)

59. Lennar Innovation Development	45250 & 45300 Fremont Boulevard, Fremont
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Tank
<p>A release was discovered when petroleum constituents were detected in an onsite well. The well was installed in 1985, the same year four (4) USTs that had been installed in the 1960s were removed. Soil and grab groundwater samples were collected April 2017 to delineate the extent of petroleum contamination. Based on the results of the investigation a work plan for remedial excavation was submitted October 2017. Alameda County Water District is providing case oversight as part of the cooperative agreement between the Regional Board and the City of Fremont. The site is currently vacant, with residence redevelopment planned.</p>	

Glenn County Air Pollution Control District (1 case)

60. Former Gas Station/Jaco Oil Company Property	410 N. Tehama Street, Willows
New LUST Case (Old Release, Old Discovery)	Gasoline and Diesel, Volume Unknown, Piping
<p>The release was discovered during a site investigation in 1990. The three (3) single-walled USTs originally installed in 1978 were removed in 1985. The site investigation report submitted to Glenn County Air Pollution Control District in 1990 notes the current owner purchased the property in 1981, but did not operate the tanks, indicating fueling operations ceased in, or prior to, 1981. The LUST case was opened January 2017 when a Work Plan for Site Assessment was received by the Regional Board. Groundwater monitoring wells were installed April 2017 and have been sampled four (4) times; petroleum constituents were detected above WQOs in groundwater samples collected from three of four monitoring wells January 2018. The site is currently operating as a market.</p>	

Inyo County Environmental Health (1 case)

61. Covarrubias Properties LLC	1440 Highway 6, Bishop
New Discovery (Old Release)	Waste Oil, Volume Unknown, Tank
<p>The release was discovered when petroleum constituents were detected in soil and groundwater during a Phase II ESA July 2017. A case was previously opened at the site when a release was reported after a waste oil UST was removed in 1998; the case for that release was closed in 2008. This case was closed January 2018. The site is currently an automobile dealership with a vehicle repair facility.</p>	

Kern County Environmental Health Services Department (1 case)

62. The Filling Station	6434 Laval Road, Lebec
New Discovery (Old Release)	Diesel, Volume Unknown, Piping
<p>The release was discovered during product piping upgrade activities May 2017. The four (4) double-walled USTs originally installed in 1999 remain at the site. Kern County Environmental Health Services Department referred the case to the Regional Board June 2017. The report on the May 2017 soil sampling was submitted to the Regional Board July 2017. Soil samples were collected along the product piping and beneath the exposed UDCs. The highest concentrations of petroleum constituents were found beneath the UDCs. Four borings were advanced at the site February 2018 and soil samples were collected between 5 and 20 feet bgs with very low concentrations of petroleum constituents detected. The site remains an active commercial fueling facility.</p>	

Long Beach City Environmental Health (1 case)

63. Long Beach Travel Center	1670 Pacific Coast Hwy W, Long Beach
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Source within the UST System Unknown
<p>The release was discovered during a Phase II ESA September 2016 and Additional Site Characterization was completed December 2016. The release may involve the five (5) current UST systems installed in 1998 or the previous UST systems installed in 1963. The Site Investigation Report, submitted to the Long Beach City Environmental Health February 2017, indicates petroleum constituents were detected in soil and groundwater beneath the property near the current and former USTs. Long Beach City Environmental Health referred the case to the Regional Board March 2017. Soil and grab groundwater samples were collected February 2018; three of four groundwater samples reported concentrations below WQOs. CERS identifies several violations for leak detection system and failure to maintain UDCs in 2014 and 2015. Small releases at the dispensers were also noted as part of the UDC violations in both 2014 and 2015. The site remains an active commercial fueling facility.</p>	

Mendocino County Environmental Health (1 case)

64. Orr Street Property	190 Orr Street, Ukiah
New Discovery (Old Release)	Unknown Substance, Volume Unknown, Source within the UST System Unknown
<p>The release was discovered when petroleum constituents were detected in one grab groundwater sample collected as part of a Phase II ESA June 2016. Additional Subsurface Investigation was conducted August 2017, confirming the presence of diesel- and oil-range petroleum constituents in groundwater. The September 2017 Additional Subsurface Investigation Report indicates four (4) USTs were previously present at the Site, but does not include information of installation dates, removal dates, or contents. Mendocino County Environmental Health referred the case to the Regional Board March 2018. A large portion of the site is undeveloped; developments on the site include two single-story residences, a storage shed, two storage buildings, and a church.</p>	

Monterey County Health Department (1 case)

65. Marinovich Cold Storage, Inc.	303-A Salinas Road, Watsonville
New Discovery (Insufficient Information on Time of Release)	Unknown Substance, Volume Unknown, Tank
<p>There is no information in GeoTracker about how the release was discovered. There are no data or documents in GeoTracker. The Risk/Release page in GeoTracker indicates the discharge source was the tank. There is a facility in CERS for this site no record of a current or previous UST. Monterey County Health Department referred the case to the Regional Board May 2018. The site is a refrigerated warehouse.</p>	

Nevada County Environmental Health (1 case)

66. Truckee High School Modernization Project	11911 Donner Pass Road, Truckee
New Discovery (Old Release)	Diesel, Volume Unknown, Tank
<p>The release was discovered when seven (7) USTs, six (6) that had been previously closed in-place and one (1) that had not, were discovered and removed May 2017. Three (3) of the USTs were noted to have contained diesel fuel and four (4) were noted have contained diesel heating oil. The Underground Tank Removal and Corrective Action Report submitted to Nevada County July 2017 indicates approximately 75 gallons of water and fuel mixture were release from one of the diesel fuel USTs into the tank excavation during UST removal. Additionally, during the removal of the heating oil UST that had not been previously closed in-place, stained soil was noted. The impacted soil resulting from the diesel/water release and the stained soil beneath the former heating oil UST was over-excavated. Confirmation soil sample results indicate the majority of contamination was removed by over-excavation. Nevada County referred the case to the Regional Board April 2018. The site is a high school.</p>	

Napa County Department of Environmental Management (1 case)

67. Raja Development Corporation	849 Jackson Street, Napa
New Discovery (Old Release)	Leaded Gasoline, Volume Unknown, Piping
<p>A UST was discovered during a geophysical survey June 2017 and removed August 2017. The August 2017 Unauthorized Release Form indicates the source of the discharge was a piping leak. Petroleum constituents were detected in soil and water samples collected from the tank pit. Additional soil and groundwater investigation was conducted November 2017 to delineate petroleum contamination. The site is a commercial warehouse and paved parking lot.</p>	

Orange County Health Care Agency, Environmental Health (1 case)

68. Chevron Station No. 20-2016	2121 Bristol Street, Newport Beach
New Release	Gasoline, Volume Unknown, Tank
<p>A case was opened after a Continuous Statistical Leak Detection (CSLD) Test Failure and failed tank tightness test September 2017. Gasoline was pumped from the tank. The UST was originally installed in 1983. The Unauthorized Release Report submitted to Orange County Health Care Agency September 2017 notes there was “no indication and/or known release or breach in the tank”. There are no records of soil samples collected to confirm a release. The site remains an active commercial fueling facility.</p>	

Plumas County Environmental Health (1 case)

69. Fuel Star 76 (case 2)	106 Crescent St, Quincy
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Tank/Piping
<p>A release was reported when four (4) USTs were removed and replaced September 2017. The original installation date for the USTs is unknown. The September 2017 Unauthorized Release Report indicates the source of the discharge was the tank and piping. Plumas County Environmental Health referred the case to the Regional Board September 2017. Impacted soil was over-excavated September-November 2017; impacted groundwater was also removed from the excavation pit. Additional investigation was requested by the Regional Board April 2018. The site remains an active commercial fueling facility.</p>	

Sacramento County Environmental Management Department (1 case)

70. Phillips 66/Chevron Fueling Station Site (Former)	1629 21st Street, Sacramento
New Discovery (Old Release)	Gasoline, Volume Unknown, Source within the UST System Unknown
<p>The release was discovered when petroleum hydrocarbons were detected during a Phase II ESA March 2017. Fueling operations at the site ceased in 1967, but there is no record of UST removal. Results from a 2009 geophysical investigation and site assessment were submitted as part of a report on the release submitted to Sacramento County Environmental Management Department May 2017.</p>	

The 2009 report indicates the USTs appear to have been removed but piping remains underground and leads to disturbed soil believed to be the former UST pit. Additionally, a small (500-1000-gallon) UST which reportedly appeared to have stored lubricating grease was discovered in 2009 and removed in 2010. A Site Assessment Work Plan was submitted December 2017 and approved March 2018. The site is a commercial building and parking lot.

Santa Rosa City Fire Department (1 case)

71. Bennett Property	1089 Santa Rosa Ave, Santa Rosa
New Discovery (Insufficient Information on Time of Release)	Gasoline, Volume Unknown, Source within the UST System Unknown
<p>The release was discovered during a Phase II ESA in January 2017. Gasoline service station operations and dry-cleaning operations were reportedly conducted at the Site during the 1950s through the 1970s; however, there is no record of current or former USTs at the Site. The report on the Phase II ESA, submitted February 2017, notes low levels of petroleum constituents were detected in soil and groundwater samples. A report on additional site assessment was submitted March 2017 but was not uploaded to GeoTracker. The case was closed June 2017. The site is an automobile dealership.</p>	

Solano County Environmental Health (1 case)

72. Benicia 76	505 Military East, Benicia
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Dispenser, Piping, and Tank
<p>The release was discovered during UST removal activities August 2017. There are no reports in GeoTracker, but the October 2017 Notice of Corrective Action and Responsibility Letter from Solano County Environmental Health indicates petroleum constituents were detected in soil and grab groundwater samples. Risk/Release page in GeoTracker indicates the discharge source was the piping, tank, and dispenser. A February 2018 letter from Solano County Environmental Health indicates a revised Subsurface Investigation Work Plan was submitted February 2018. The site is a vacant former fueling station.</p>	

Ventura City Fire Department (1 case)

73. Western Fuel Group #80021	1457 Fleet Ave, Ventura
New Discovery (Old Release)	Gasoline and Diesel, Volume Unknown, Tank/Dispensers
<p>The release was discovered when four (4) USTs, originally installed in 1989, were removed September 2017. Soil results submitted in the October 2017 UST Removal and Closure Report indicate the highest concentrations of petroleum constituents were detected in the soil samples collected from the tank excavation sidewall and beneath the dispensers. Petroleum constituents were also detected in water samples collected from the excavation pit. Ventura City Fire Department referred the case to the Regional Board November 2017. CERS indicates the site is no longer an active fueling facility.</p>	

Appendix B: List of Priority Violations

CERS Violation Name	Violation Type Number
Falsification	2010006
Record Retention (RD)	2010008
Monitoring and Maintenance Records (RD)	2030001
Audible and Visual Alarm	2030003
Automatic Tank Gauge (ATG) and Manual Inventory Reconciliation (RD)	2030004
Continuous In-Tank Leak Detection (CITLD) - Single-Walled Tank (RD)	2030005
Automatic Tank Gauging - Single-Walled Tank (RD)	2030006
Corrosion Protection - Impressed Current/Sacrificial Anode (RP)	2030009
Double-Walled Monitoring - After January 1, 1984 and Before July 1, 2004 (RD)	2030016
Double-Walled Pressurized Pipe -Interstitial Monitoring (RD)	2030018
Emergency Generator Piping - Exemption (RD)	2030020
Groundwater and Vadose Zone Monitoring	2030022
Line Leak Detector (LLD) (RD)	2030025
Line Leak Detector (LLD) - Single-Walled pressurized Pipe (RD)	2030027
Lined Tank Recertification (RP)	2030029
Manual Tank Gauging (RD)	2030030
Unsafe UST Operation (RP)	2030035
Overfill Prevention (RP)	2030036
Permanent Closure	2030038
Piping Obstruction (RD)	2030040
Pressurized Double-Walled Pipe - Line Integrity Test (RD)	2030042
Monitoring Equipment (RD)	2030043
Red Tag Deposit	2030044
Red Tag Tampering	2030045
Secondary Containment	2030047
Single-Walled Conventional Suction Testing (RD)	2030050
Single-Walled Gravity	2030051
Single-Walled Pressurized Pipe - Line Leak Detector (LLD) (RD)	2030052
Single-Walled Safe Suction (RD)	2030053
Statistical Inventory Reconciliation (SIR)	2030056
Statistical Inventory Reconciliation (SIR) (RD)	2030057
Statistical Inventory Reconciliation (SIR) (RD)	2030058
Recording Unauthorized Releases (RD)	2030061
Tampering with Leak Detection Equipment (RD)	2030062
Temporary Closure (RD)	2030063
Vapor, Pressure, Hydrostatic (VPH) Monitoring - On or After July 1, 2004 (RD)	2030065
Well Proximity Enhanced Leak Detection (ELD) Testing	2030066
Emergency Generator Tank Systems Line Leak Detector (LLD) Exemption Conditions	2030075
Reporting Unauthorized Releases (RD)	2030077
Automatic Tank Gauge (ATG) / Continuous In-Tank Leak Detection (CITLD) (RD)	2060002
Corrosion Protection - Field-Installed (RP)	2060004
Line Leak Detector (LLD) - Installed (RD)	2060012
Improper Monitoring (RD)	2060015
Spill Bucket (RP)	2060020
UST Design/Construction - Compatibility	2060024
UST Primary Containment	2060027