



CALIFORNIA UNDERGROUND STORAGE TANK (UST) LEAK PREVENTION

JANUARY – JUNE 2020 SEMI-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 June 2020. Data sources were collected on October 1, 2020, acknowledging that it can sometimes take up to 90 days for data to display in CERS or GeoTracker.

This report was prepared as part of Cooperative Agreement L99T85901 between the U.S. Environmental Protection Agency (USEPA) Region 9 and the State Water Board, Contact Kenneth Dixon at Dixon.kenneth@epa.gov or Laura Fisher at laura.fisher@waterboards.ca.gov for more information.

Statewide UST Numbers *

Number of USTs	37,312
Number of UST Facilities	13,824
Storage Capacity (gal)	409,542,561

Statewide number of USTs and storage capacity are underreported here (433 UST facilities in CERS lack tank-specific information)

CERS Implementation (Page 2)

Complete and accurate data in CERS enables California to more effectively manage its UST Leak Prevention program. It is crucial that the State Water Board and US EPA 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 (SW) USTs).

Priority Violations & Return to Compliance (page 2-4)

Inspection reports maintained at UPA offices were previously the only source of UST violation information. UPAs now report both violations and Return to Compliance (RTC) dates to CERS, making it simpler to identify statewide trends. Of the 89 violations currently available in the CERS library, 48 priority violations were identified for this report. These 48 priority violations include all 30 violations that trigger US EPA technical compliance rate measure (TCR 9a-d), two violations related to the designated operator walk through inspections, plus 16 additional violations of significant interest to State Water Board and US EPA. Please reference Appendix B for the list of priority violations.

Routine Inspections (Jan – June 2020)	6,487
Priority Violations	8,493
% Inspected UST Facilities with Priority Violations	55.5%
% UST Facilities with Priority Violations (All RTC)	54.6%

New Leaking UST Cases (page 5)

Minimizing petroleum releases to the environment is an important measure of UST Leak Prevention program 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. Release may also have occurred (at operating facilities) prior to current UST regulations.

Releases Reported (Total)	23
Releases Reported (Operating UST Facilities)	7
New Releases (Newly Occurring)	1

Single-Walled USTs (page 6-8)

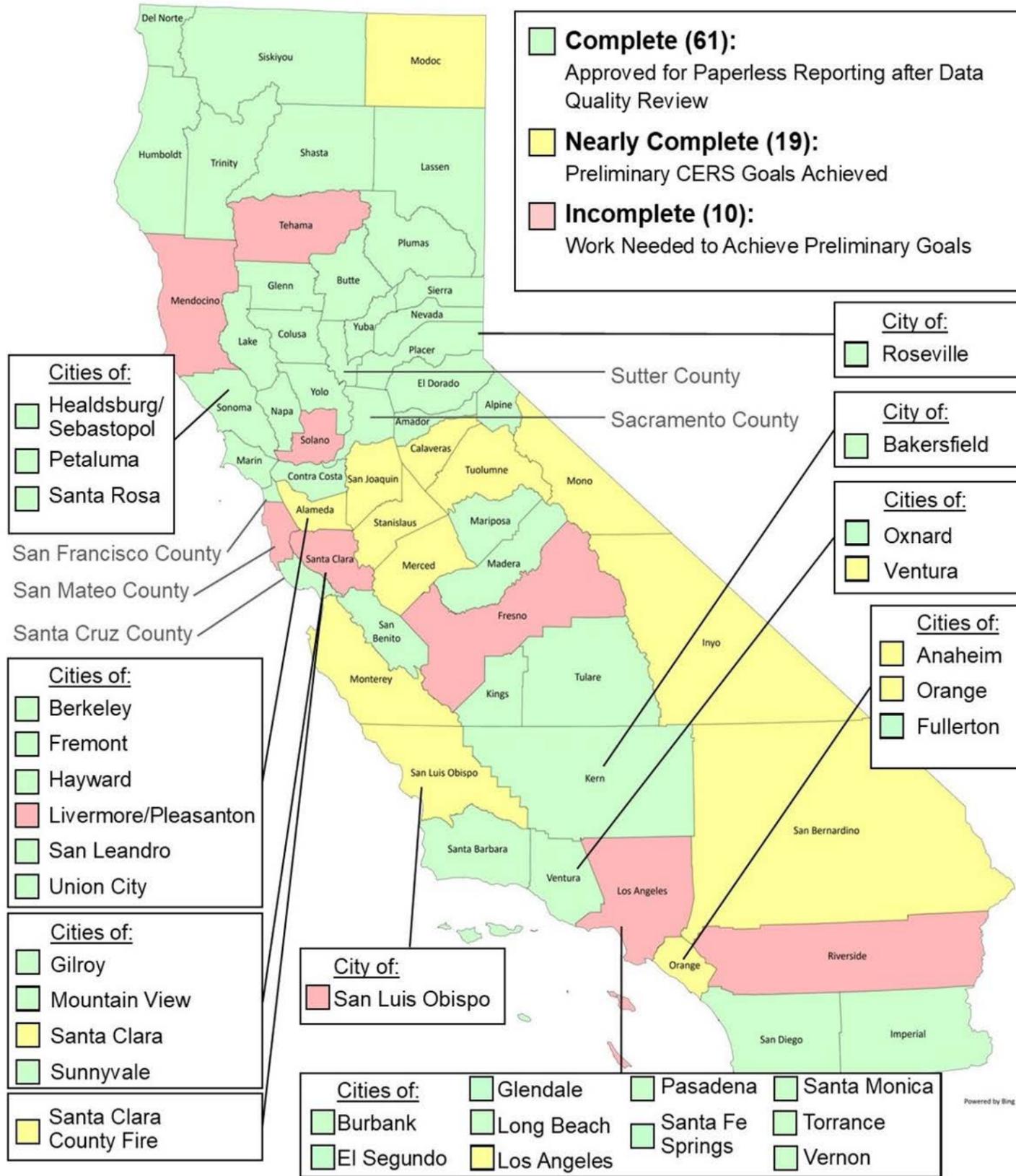
California law requires permanent closure of SW USTs and piping by December 31, 2025. Encouraging owners to remove and replace SW tanks and piping in advance will reduce contractor shortages, unmanageable permitting workloads and UST abandonment.

Number of SW USTs (tanks or piping)	2,687
Facilities with SW USTs (tanks or piping)	1,089
% of Statewide UST Systems (SW)	7.2%
% of Statewide UST Facilities (SW)	7.9%
SW UST Facilities with unresolved priority violation(s) in past 18 months	313

Use / Contents	USTs	Capacity (gal)
Motor Vehicle, Gasoline	24,284	288,923,775
Motor Vehicle, Diesel	8,453	86,646,990
Motor Vehicle, Racing fuel	55	391,500
Generator, Diesel	2,087	18,223,458
Other, Diesel	192	2,347,803
Waste Oil	965	989,681
Chemicals or Haz Waste	332	1,792,481
Jet Fuel or Aviation Gas	265	5,990,765
Marina Fueling	135	1,191,697
Other	544	3,044,411

% UST Facilities in CERS	99.93%
% UST Facilities with an Inspection Record less than 3 years old	99.38%
UPAs Approved for Paperless Reporting	61/90

CERS Implementation by Unified Program Agency (UPA)



Preliminary CERS Goals include:
 (1) > 99% of UST facilities, or all but 1, exist in CERS;
 (2) > 99% of UST facilities, or all but 1, have a reported inspection record from the prior 36 months in CERS;
 (3) > 96% of UST facilities, or all but 1, have basic tank information in CERS

* CERS data queried October 1, 2020

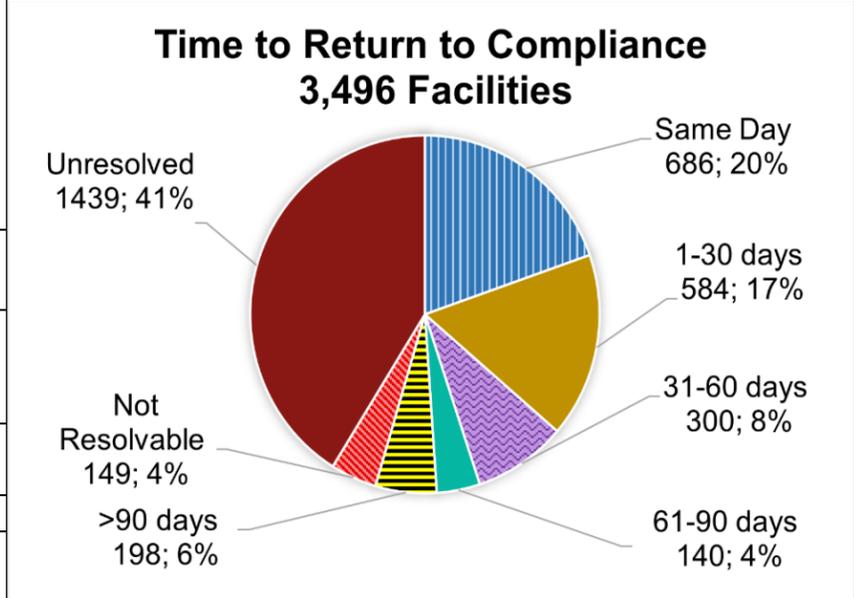
UST Violations and Return to Compliance

There are currently 89 UST violations in CERS, 48 of which are identified as priority violations for this report. Please refer to Appendix B for the full list of priority violations.

Between January and June 2020, UPAs cited one or more priority violations at 55.5% (3,496 of 6,412) of all UST facilities inspected. By October 2020, 54.6% of these facilities (1,908 of 3,496) had returned to compliance.

Number of Facilities with a Routine Inspection	6,412
Number of Additional Routine Inspections reported in a 6 month period	75
Number of Facilities with Priority Violations	3,496
Average Time to RTC*	50 days

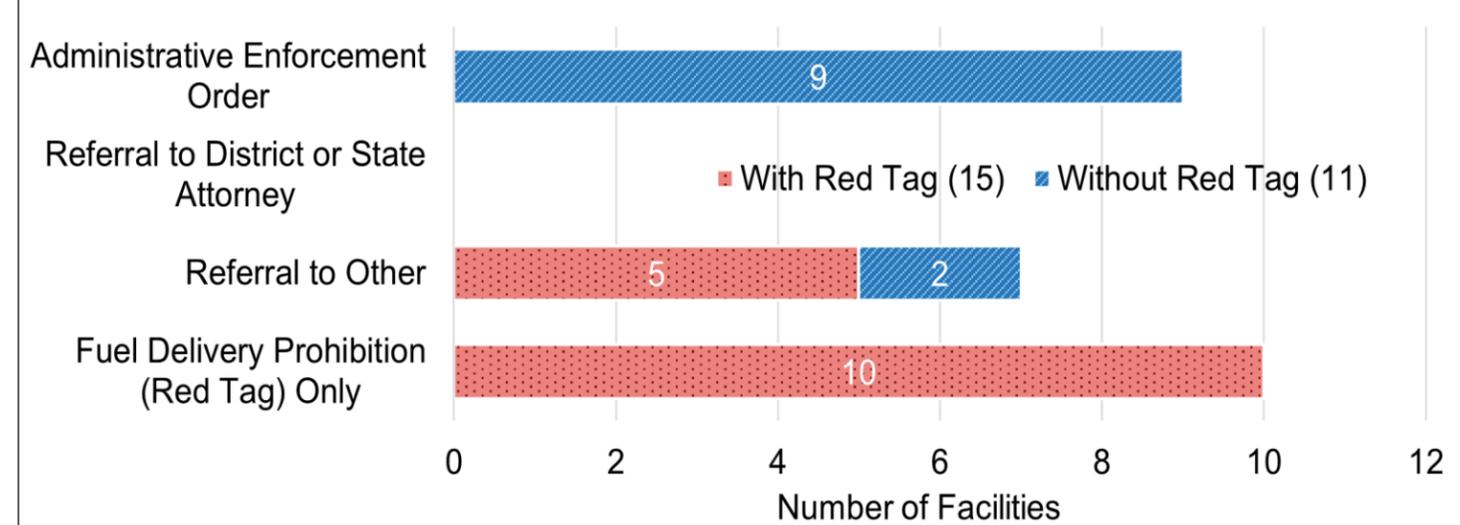
*Per Violation, not including RTC at the time of inspection (same day RTC)



Most Cited Violations between January – June 2020

Violation Name	CERS Violation Type Number	Total # of Citations	# UPAs Citing Violation	% RTC by October 2020
Designated Operator (failure to conduct monthly inspection)	2030013	1275	57	56%
Overfill Prevention (not meeting regulatory requirements)	2030036	1239	57	42%
Spill Container (not meeting maintenance/testing requirements)	2060020	939	80	61%
Secondary Containment (failure to maintain)	2030047	631	59	42%
Monitoring Equipment (improper installation, calibration, operation or maintenance)	2030043	597	64	68%

Enforcement Actions Initiated at 26 UST Facilities



Return to Compliance by UPA, Sorted by % Facilities Return to Compliance 90 Days after Inspection (page 1 of 2)

UPA	Percent of Facilities Inspected	Number of Routine Inspections	Number of Priority Violations	Number of Facilities w Priority Violations	Facilities w Priority Violations, RTC Same Day	Facilities w Priority Violations, RTC after 30 days	Facilities w Priority Violations, RTC after 60 days	Facilities w Priority Violations, RTC after 90 days	Facilities w Priority Violations RTC by October 2020	Formal Enforcements Initiated
Amador County Environmental Health	24%	7	7	4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Del Norte Environmental Health Division	46%	6	6	3	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Mono County Health Department	33%	7	9	5	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Monterey County Health Department	25%	56	13	12	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Mountain View Fire Department	40%	10	3	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (50%)	0
Oxnard Fire Department	40%	19	11	5	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Vernon Health & Environmental Control Department	46%	12	1	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Calaveras County Environmental Health	52%	16	8	7	0 (0%)	1 (14%)	1 (14%)	1 (14%)	1 (14%)	0
Santa Cruz County Environmental Health	50%	56	37	28	1 (4%)	2 (7%)	3 (11%)	4 (14%)	4 (14%)	0
Madera County Environmental Health	39%	29	112	34	2 (6%)	4 (12%)	5 (15%)	5 (15%)	6 (18%)	0
Santa Monica Fire Department	66%	25	40	19	3 (16%)	3 (16%)	3 (16%)	3 (16%)	3 (16%)	0
Santa Clara City Fire Department	42%	28	26	14	3 (21%)	3 (21%)	3 (21%)	3 (21%)	3 (21%)	0
Hayward City Fire Department	42%	37	34	13	0 (0%)	1 (8%)	2 (15%)	3 (23%)	5 (38%)	0
Los Angeles County Department of Public Works	52%	800	2623	479	8 (2%)	72 (15%)	102 (21%)	112 (23%)	127 (27%)	0
Kern County Environmental Health Services Dept.	44%	124	113	54	5 (9%)	8 (15%)	10 (19%)	13 (24%)	18 (33%)	0
Solano County Environmental Health	25%	47	57	24	2 (8%)	6 (25%)	6 (25%)	6 (25%)	6 (25%)	0
Santa Clara County Environmental Health	37%	143	270	115	3 (3%)	17 (15%)	22 (19%)	29 (25%)	30 (26%)	0
Inyo County Department of Environmental Health	52%	15	21	11	2 (18%)	2 (18%)	2 (18%)	3 (27%)	5 (45%)	0
Glenn County Air Pollution Control District	59%	10	31	10	2 (20%)	2 (20%)	2 (20%)	3 (30%)	3 (30%)	0
Tehama County Environmental Health	43%	18	33	16	1 (6%)	3 (19%)	3 (19%)	5 (31%)	6 (38%)	0
Livermore-Pleasanton FD	18%	26	9	6	1 (17%)	2 (33%)	2 (33%)	2 (33%)	2 (33%)	0
Tulare County Environmental Health	19%	51	67	31	6 (19%)	9 (29%)	10 (32%)	11 (35%)	12 (39%)	2
Colusa County Health and Human Services	56%	10	29	8	1 (13%)	2 (25%)	3 (38%)	3 (38%)	3 (38%)	0
Tuolumne County Environmental Health	44%	15	18	8	3 (38%)	3 (38%)	3 (38%)	3 (38%)	3 (38%)	0
Santa Clara County Fire Department	31%	22	22	13	4 (31%)	5 (38%)	5 (38%)	5 (38%)	5 (38%)	0
San Joaquin County Environmental Health	64%	171	297	138	6 (4%)	33 (24%)	48 (35%)	55 (40%)	59 (43%)	0
Stanislaus County Environmental Resources	35%	73	113	55	12 (22%)	17 (31%)	19 (35%)	22 (40%)	27 (49%)	4
Los Angeles City Fire Department	52%	665	887	382	58 (15%)	96 (25%)	132 (35%)	153 (40%)	179 (47%)	3
Nevada County Environmental Health	46%	17	24	12	3 (25%)	4 (33%)	5 (42%)	5 (42%)	7 (58%)	0
Yuba County Environmental Health Department	50%	20	20	12	2 (17%)	3 (25%)	4 (33%)	5 (42%)	5 (42%)	0
Mariposa County Public Health Department	22%	9	21	7	1 (14%)	3 (43%)	3 (43%)	3 (43%)	3 (43%)	0
Mendocino County Environmental Health	32%	21	18	7	2 (29%)	3 (43%)	3 (43%)	3 (43%)	3 (43%)	0
San Francisco City & County Public Health Dept.	49%	114	97	68	22 (32%)	27 (40%)	30 (44%)	30 (44%)	30 (44%)	0
Torrance Fire Department	64%	34	10	9	0 (0%)	2 (22%)	4 (44%)	4 (44%)	8 (89%)	0
Roseville City Fire Department	65%	32	60	19	5 (26%)	7 (37%)	9 (47%)	9 (47%)	9 (47%)	0
Sacramento County Environmental Management	37%	174	266	133	36 (27%)	57 (43%)	65 (49%)	65 (49%)	71 (53%)	0
Berkeley City Toxics Management Division	41%	12	6	4	0 (0%)	1 (25%)	2 (50%)	2 (50%)	3 (75%)	0
Glendale City Fire Department	53%	32	11	8	2 (25%)	4 (50%)	4 (50%)	4 (50%)	4 (50%)	0
Lake County Environmental Health	39%	12	23	10	3 (30%)	4 (40%)	4 (40%)	5 (50%)	5 (50%)	0
Lassen County Environmental Health	33%	5	4	2	1 (50%)	1 (50%)	1 (50%)	1 (50%)	1 (50%)	0
Long Beach Environmental Health	55%	80	35	22	5 (23%)	9 (41%)	10 (45%)	11 (50%)	13 (59%)	3
San Benito County Health Department	61%	14	8	4	0 (0%)	1 (25%)	1 (25%)	2 (50%)	3 (75%)	0
Siskiyou County Community Development	28%	9	19	8	3 (38%)	3 (38%)	4 (50%)	4 (50%)	6 (75%)	0
Sunnyvale Department of Public Safety	41%	17	24	12	4 (33%)	4 (33%)	5 (42%)	6 (50%)	8 (67%)	0
Union City Environmental Programs	45%	10	2	2	0 (0%)	0 (0%)	1 (50%)	1 (50%)	1 (50%)	0
Statewide Totals	47%	6487	8493	3496	686 (20%)	1270 (36%)	1570 (45%)	1710 (49%)	1908 (55%)	27

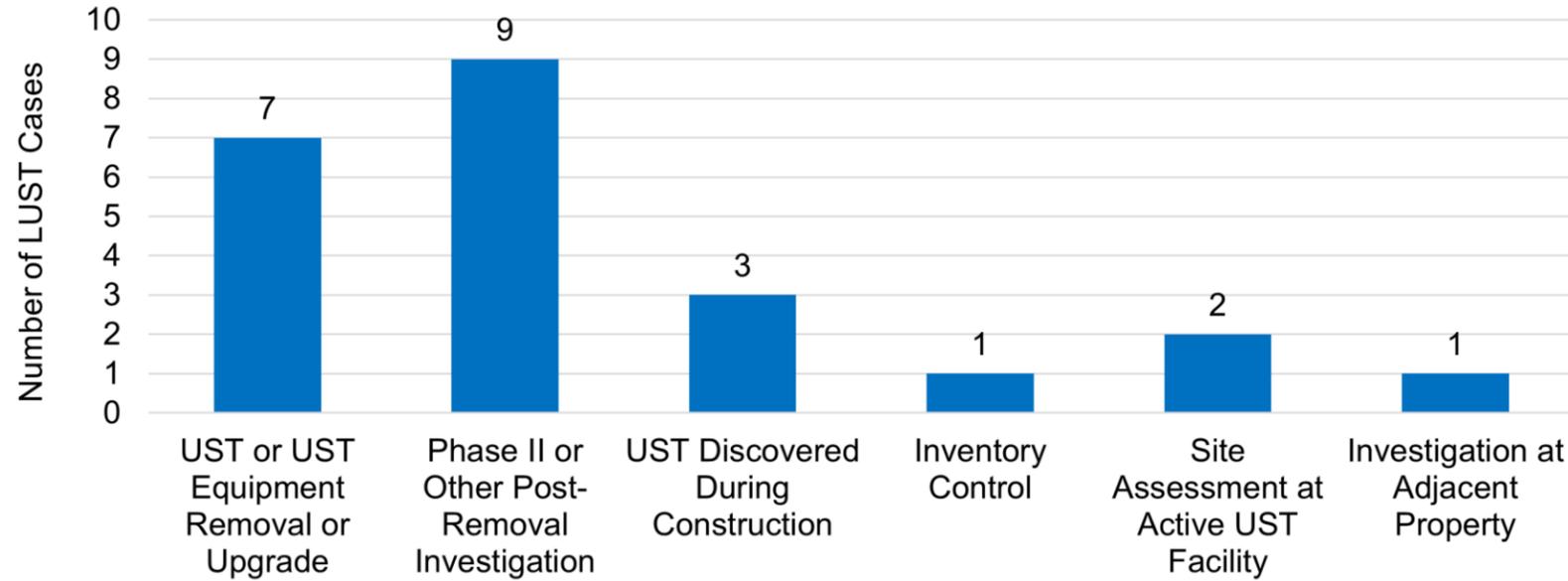
Return to Compliance by UPA, Sorted by % Facilities Return to Compliance 90 Days after Inspection (page 2 of 2)

UPA	Percent of Facilities Inspected	Number of Routine Inspections	Number of Priority Violations	Number of Facilities w Priority Violations	Facilities w Priority Violations, RTC Same Day	Facilities w Priority Violations, RTC after 30 days	Facilities w Priority Violations, RTC after 60 days	Facilities w Priority Violations, RTC after 90 days	Facilities w Priority Violations RTC by October 2020	Formal Enforcements Initiated
Contra Costa County Health Services Department	40%	157	139	81	28 (35%)	36 (44%)	42 (52%)	43 (53%)	49 (60%)	0
Sutter County Environmental Health	63%	26	24	13	5 (38%)	6 (46%)	7 (54%)	7 (54%)	8 (62%)	0
Alameda County Environmental Health	49%	119	172	85	20 (24%)	32 (38%)	43 (51%)	47 (55%)	51 (60%)	0
Butte County Environmental Health	32%	32	55	27	3 (11%)	11 (41%)	15 (56%)	15 (56%)	18 (67%)	0
San Mateo County Environmental Health	49%	135	97	59	13 (22%)	23 (39%)	30 (51%)	34 (58%)	35 (59%)	0
Kings County Environmental Health	54%	46	41	17	4 (24%)	9 (53%)	10 (59%)	10 (59%)	11 (65%)	0
Shasta County Environmental Health	54%	64	94	49	16 (33%)	24 (49%)	28 (57%)	29 (59%)	33 (67%)	0
San Bernardino County Fire Department	56%	461	348	228	61 (27%)	107 (47%)	131 (57%)	137 (60%)	153 (67%)	11
Riverside County Department of Environmental	54%	364	475	283	43 (15%)	115 (41%)	147 (52%)	172 (61%)	201 (71%)	1
Merced County Environmental Health	35%	45	76	36	11 (31%)	18 (50%)	21 (58%)	22 (61%)	24 (67%)	0
Sonoma County Fire & Emergency Services Dept.	49%	39	43	21	9 (43%)	13 (62%)	13 (62%)	13 (63%)	16 (76%)	0
Burbank Fire Department	25%	16	3	3	2 (67%)	2 (67%)	2 (67%)	2 (67%)	2 (67%)	0
Marin County Dept of Public Works, Waste Mgmt	34%	30	30	15	8 (53%)	8 (53%)	8 (53%)	10 (67%)	10 (67%)	0
Santa Fe Springs Fire-Rescue	53%	16	10	6	1 (17%)	4 (67%)	4 (67%)	4 (67%)	6 (100%)	0
Santa Rosa City Fire Department	53%	29	13	12	5 (42%)	7 (58%)	7 (58%)	8 (67%)	10 (83%)	0
Imperial CUPA - DTSC	52%	42	153	41	6 (15%)	18 (44%)	25 (61%)	28 (68%)	28 (68%)	0
Orange County Environmental Health	60%	428	232	158	53 (34%)	86 (54%)	101 (64%)	108 (68%)	118 (75%)	2
El Dorado County Environmental Management	42%	32	49	20	4 (20%)	11 (55%)	12 (60%)	14 (70%)	16 (80%)	0
Plumas County Environmental Health	37%	7	20	7	1 (14%)	2 (29%)	5 (71%)	5 (71%)	5 (71%)	0
Yolo County Environmental Health	54%	52	17	14	5 (36%)	9 (64%)	10 (71%)	10 (71%)	11 (79%)	0
Bakersfield City Fire Department	45%	71	116	46	8 (17%)	20 (43%)	27 (59%)	33 (72%)	36 (78%)	0
Humboldt County Division of Environmental Health	55%	41	40	22	6 (27%)	13 (59%)	15 (68%)	16 (73%)	17 (77%)	0
Ventura City Fire Department	65%	33	26	19	9 (47%)	11 (58%)	14 (74%)	14 (74%)	14 (74%)	0
Gilroy City Fire Department	41%	11	6	4	3 (75%)	3 (75%)	3 (75%)	3 (75%)	3 (75%)	0
Ventura County Environmental Health	55%	89	96	45	13 (29%)	28 (62%)	34 (76%)	34 (76%)	36 (80%)	0
Fremont City Fire Department	39%	23	15	13	2 (15%)	5 (38%)	10 (77%)	10 (77%)	11 (85%)	0
San Diego County Department of Environmental	50%	491	203	134	56 (42%)	94 (70%)	104 (78%)	105 (78%)	113 (84%)	0
San Luis Obispo County Environmental Health	69%	68	107	45	11 (24%)	24 (53%)	31 (69%)	36 (80%)	42 (93%)	0
Orange City Fire Department	67%	46	41	27	12 (44%)	17 (63%)	20 (74%)	22 (81%)	24 (89%)	0
Pasadena Fire Department	42%	24	7	6	4 (67%)	5 (83%)	5 (83%)	5 (83%)	5 (83%)	0
San Leandro City	42%	20	6	6	2 (33%)	4 (67%)	5 (83%)	5 (83%)	5 (83%)	0
Anaheim City Fire Department	59%	67	29	19	11 (58%)	14 (74%)	16 (84%)	16 (84%)	17 (89%)	0
Santa Barbara County Environmental Health	60%	86	38	29	10 (34%)	17 (59%)	21 (72%)	25 (86%)	27 (93%)	1
El Segundo City Fire Department	62%	13	13	9	1 (11%)	4 (44%)	8 (89%)	8 (89%)	8 (89%)	0
Fullerton City Fire Department	42%	18	16	11	3 (27%)	8 (73%)	10 (91%)	10 (91%)	10 (91%)	0
Placer County Environmental Health	51%	46	75	33	15 (45%)	25 (76%)	29 (88%)	30 (91%)	31 (94%)	0
Napa County Department of Environmental	68%	30	16	12	7 (58%)	9 (75%)	11 (92%)	11 (92%)	11 (92%)	0
Healdsburg/Sebastopol JPA	36%	5	2	2	1 (50%)	1 (50%)	2 (100%)	2 (100%)	2 (100%)	0
Petaluma City Fire Department	32%	6	3	2	1 (50%)	2 (100%)	2 (100%)	2 (100%)	2 (100%)	0
Trinity County - DTSC	33%	2	2	1	1 (100%)	1 (100%)	1 (100%)	1 (100%)	1 (100%)	0
Alpine County Health Department	0%	0	0	0	N/A	N/A	N/A	N/A	N/A	0
Fresno County Department of Public Health	11%	46	0	0	N/A	N/A	N/A	N/A	N/A	0
Modoc County Environmental Health	0%	0	0	0	N/A	N/A	N/A	N/A	N/A	0
San Luis Obispo City Fire Department	0%	0	0	0	N/A	N/A	N/A	N/A	N/A	0
Sierra County Human Services Department	20%	1	0	0	N/A	N/A	N/A	N/A	N/A	0
Statewide Totals	47%	6487	8493	3496	686 (20%)	1270 (36%)	1570 (45%)	1710 (49%)	1908 (55%)	27

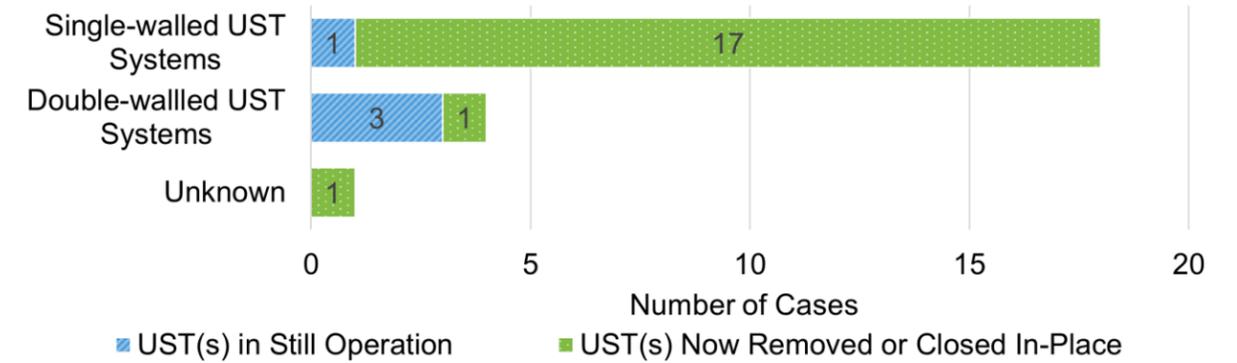
New Leaking Underground Storage Tank Cleanup Cases

GeoTracker leaking UST (LUST) data indicates that 23 new petroleum UST cleanup cases were opened, based on releases reported by UST owners, operators, and regulators, between January and June 2020.

How Release was Discovered

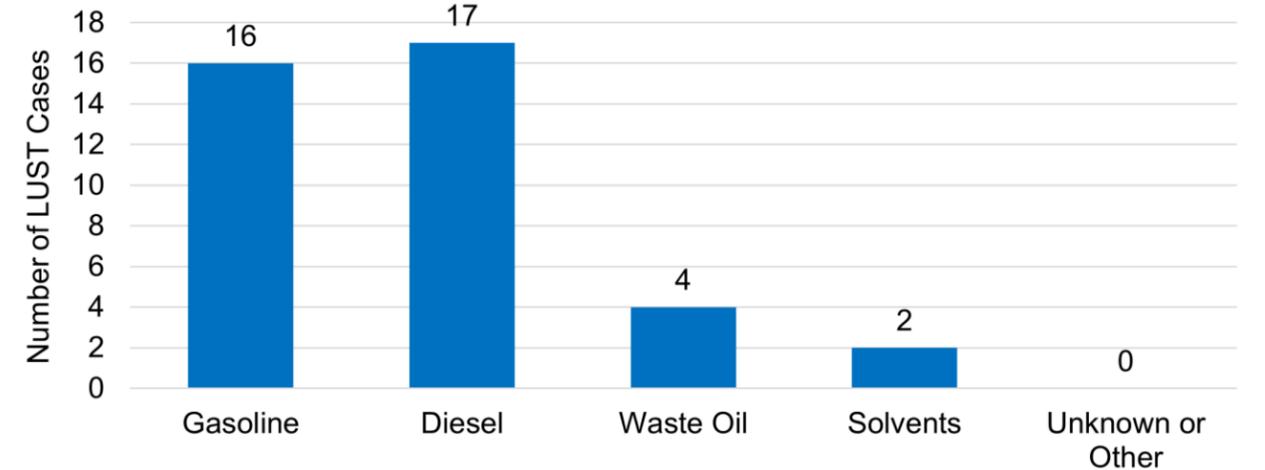


Construction Type & Status of UST Systems with a Release



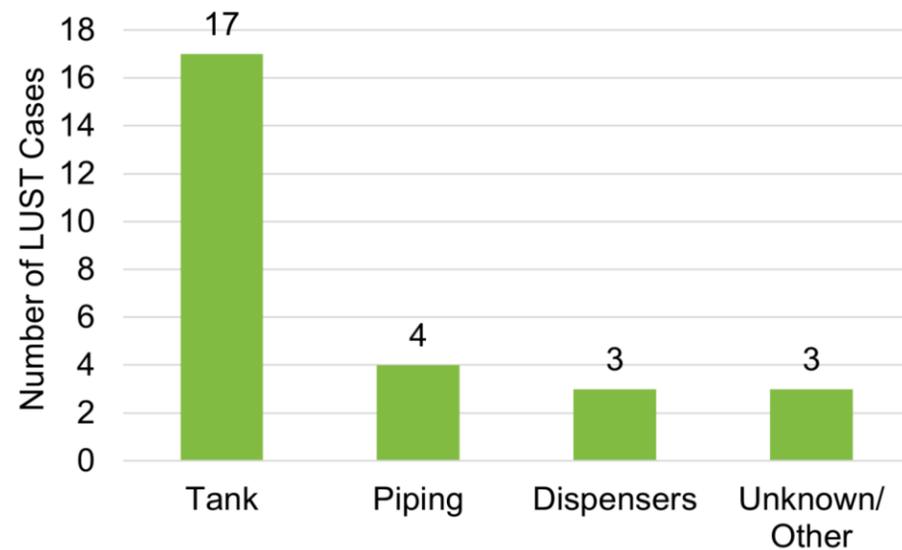
* Construction type and status are for the one or more UST systems involved in the release

Substance Released



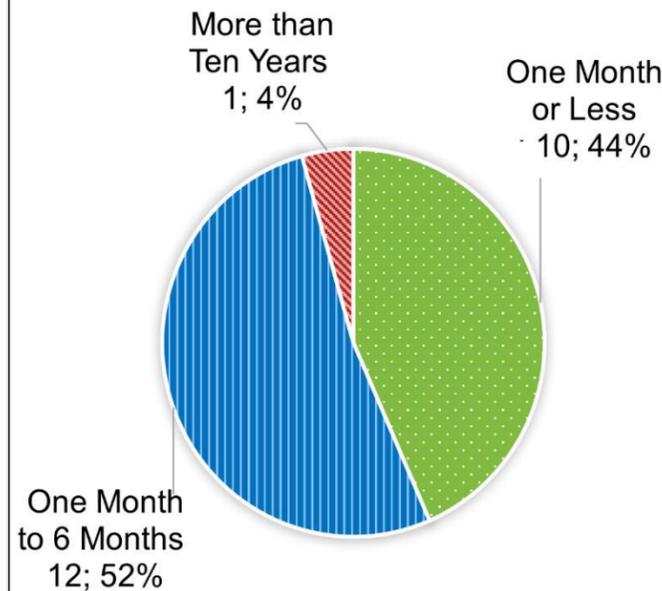
Note: In some cases, more than one substance was identified. Therefore, the total number for this chart does not reflect the total number of cases.

Source of Release

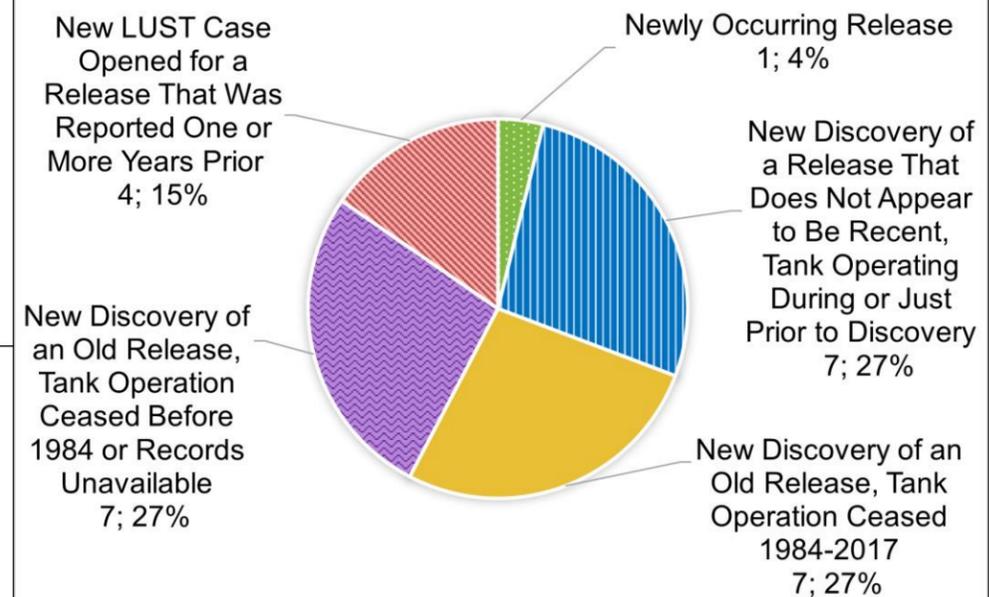


Note: In some cases, more than one component of the UST system is identified as the source. Therefore, the total number for this chart does not reflect the total number of cases.

Release Report to LUST Case (Time Elapsed)



What's "New" About the Release



Please Reference Appendix A for Details on Individual Releases

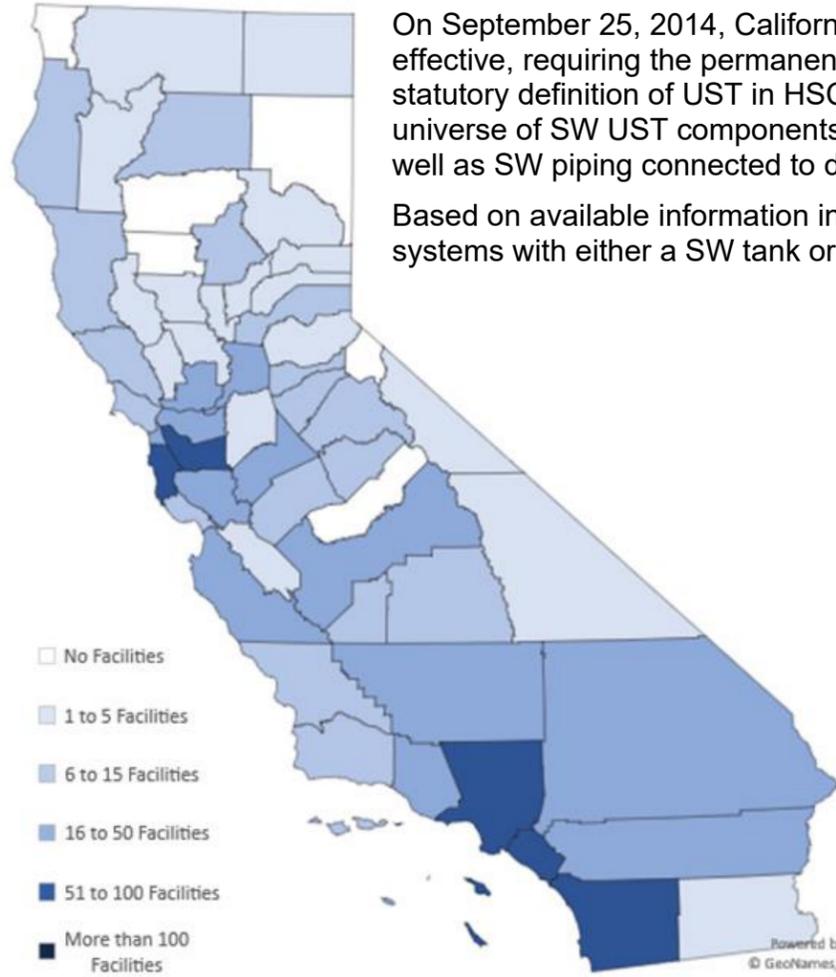
12%

DW UST Closures or Upgrades Resulting in Discovery of a Release (58/503 Facilities Since January 1, 2017)

33%

SW UST Closures or Upgrades Resulting in Discovery of a Release (89/266 Facilities Since January 1, 2017)

Single-Walled USTs



Number of Single-Walled Facilities by County

On September 25, 2014, California Health and Safety Code (HSC), Section 25292.05 became effective, requiring the permanent closure of single-walled (SW) USTs by December 31, 2025. The statutory definition of UST in HSC Section 25281 includes connected piping. As a result, the universe of 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 October 1, 2020, California has a total of 2,687 UST systems with either a SW tank or SW piping remaining at 1,089 facilities.

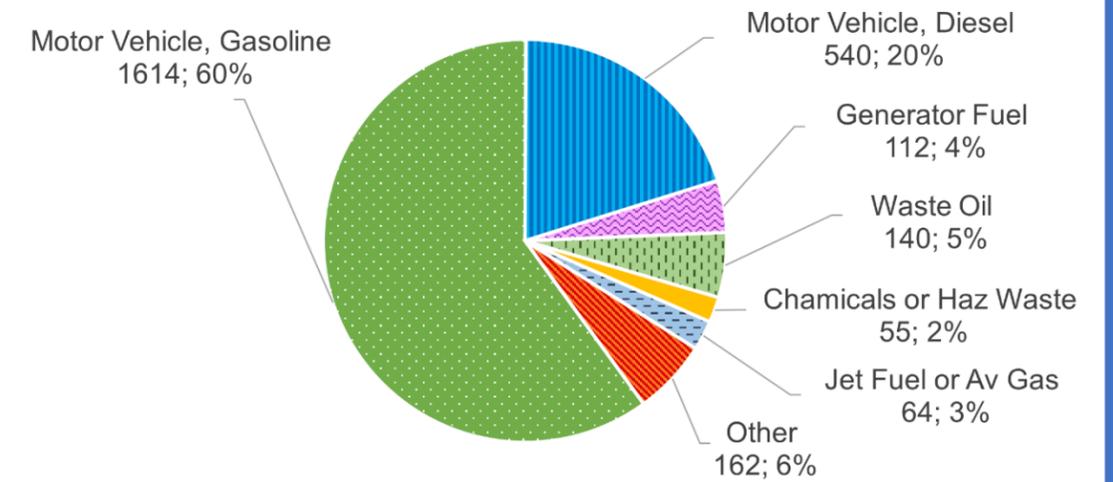
California Single-Walled USTs			
	SW Tank	DW Tank SW Piping	Total
USTs	2,080	607	2,687
Facilities	755	357	1,089

Total Facilities (1,089) is less than sum of SW Tank and DW Tank SW Piping (1,112) because some of the facilities have both types of systems.

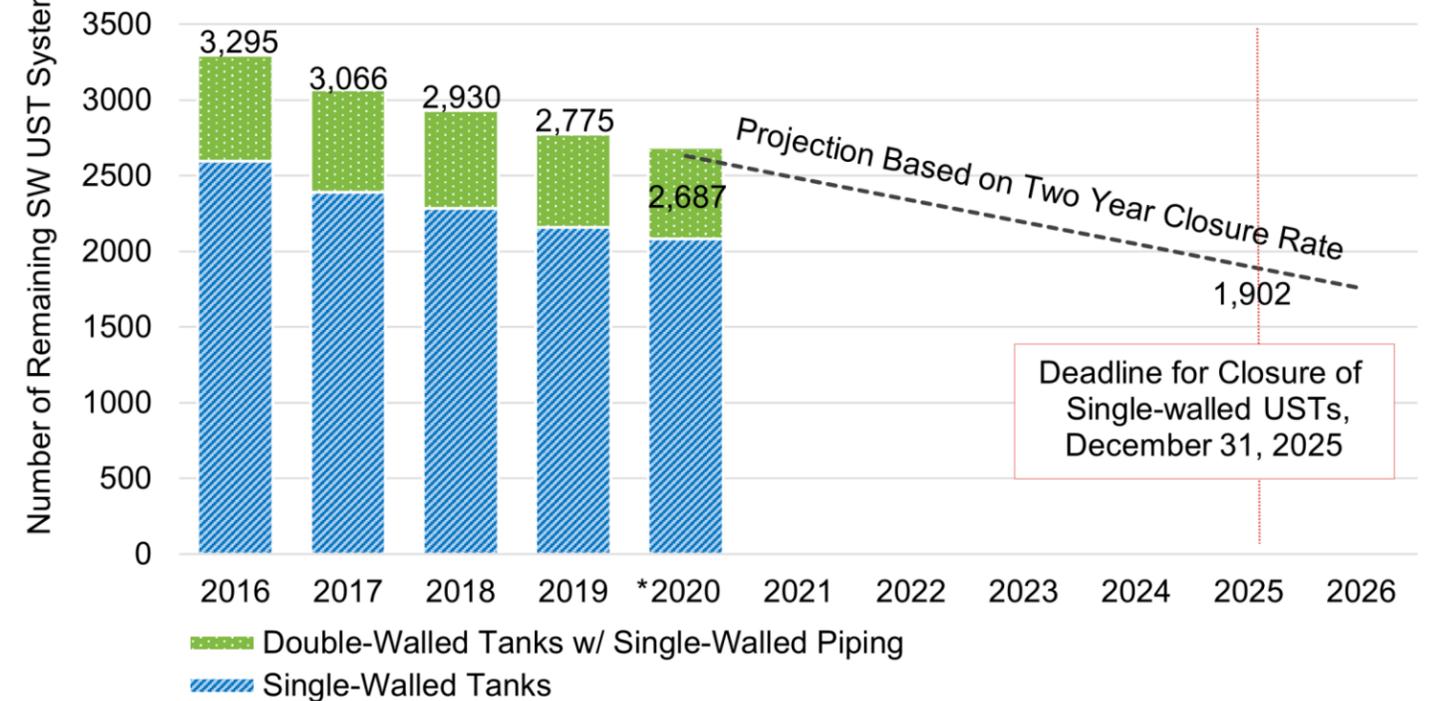
Single-Walled UST Closures			
Year	SW Tanks	DW Tanks SW Piping	Total
2017	206	23	229
2018	107	29	136
2019	123	32	155
2020	76	12	88

CERS data continues to be corrected, so the total USTs and total closures for past periods in this report may not match previous reports.

Single-Walled UST System Use/Contents

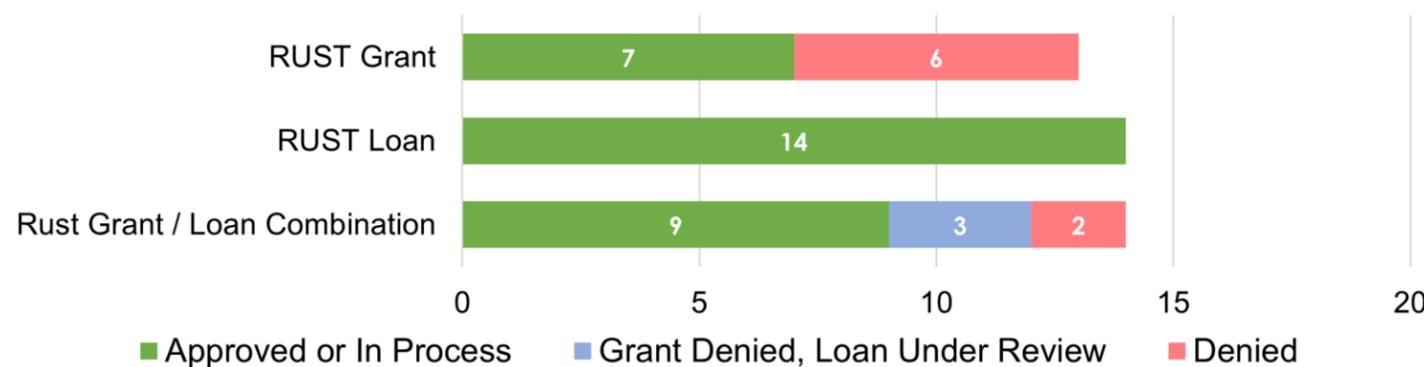


Single-Walled UST Closure Progress



RUST Applications for Single-Walled UST Closure

(41 / 87 total RUST applications submitted January 2019 - June 2020)



RUST Program

The Replacing, Removing, or Upgrading UST (RUST) program can help single-walled UST owners fund the removal and/or replacement of their single-walled USTs. The program offers grant and loan options.

38% of Single-Walled UST Facilities have Unresolved Priority Violations
Facilities with unresolved violations are not eligible for RUST funding assistance.
(409/1089 Facilities)

Single-Walled UST Systems by UPA, Sorted by Number of Single-Walled UST Facilities (page 1 of 2)

UPA	Total Number of Single-Walled UST Facilities	Single-Walled UST Facilities with Unresolved Priority Violations in past 18 months	Total Number of Single-Walled UST Systems	Number of Single-Walled Tanks	Number of Double-Walled Tanks w/ Single-Walled Piping
Los Angeles City Fire Department	104	47	227	150	77
Los Angeles County Department of Public Works	98	17	237	183	54
San Diego County Department of Environmental Health	75	0	204	150	54
Orange County Environmental Health	57	15	133	110	23
Contra Costa County Health Services Department	55	26	139	113	26
San Mateo County Environmental Health	51	0	114	92	22
San Francisco City & County Public Health Department	48	35	96	84	12
Alameda County Environmental Health	48	5	123	115	8
San Bernardino County Fire Department	36	8	81	44	37
Kern County Environmental Health Services Department	28	24	81	78	3
Fresno County Department of Public Health	27	0	87	66	21
Santa Clara County Environmental Health	26	0	45	29	16
Stanislaus County Environmental Resources	25	27	91	89	2
Sacramento County Environmental Management Department	24	25	62	45	17
Monterey County Health Department	23	0	62	53	9
Solano County Environmental Health	18	0	41	19	22
Riverside County Department of Environmental Health	16	3	51	23	28
Bakersfield City Fire Department	15	3	42	37	5
Marin County Dept of Public Works, Waste Mgmt, CUP	14	0	34	29	5
Ventura County Environmental Health	14	0	30	21	9
Merced County Environmental Health	13	0	31	21	10
Amador County Environmental Health	12	15	38	28	10
Shasta County Environmental Health	11	0	34	26	8
Calaveras County Environmental Health	10	0	29	29	0
Kings County Environmental Health	9	0	26	26	0
Santa Clara County Fire Department	9	0	24	23	1
Tulare County Environmental Health	9	3	21	15	6
Anaheim City Fire Department	9	0	19	9	10
Hayward City Fire Department	9	0	17	13	4
Mariposa County Public Health Department	9	5	16	7	9
Santa Cruz County Environmental Health	8	6	20	18	2
Burbank Fire Department	8	0	15	11	4
Mendocino County Environmental Health	7	0	22	14	8
Butte County Environmental Health	7	0	18	13	5
San Luis Obispo County Environmental Health	7	3	13	11	2
San Leandro City	7	0	12	7	5
Humboldt County Division of Environmental Health	7	6	19	19	0
Santa Barbara County Environmental Health Services	6	2	15	14	1
Berkeley City Toxics Management Division	6	0	17	15	2
Ventura City Fire Department	6	0	15	14	1
Tuolumne County Environmental Health	6	0	11	7	4
Placer County Environmental Health	5	0	15	15	0
Imperial CUPA - DTSC	5	3	10	9	1
Long Beach Environmental Health	5	0	14	11	3
Sonoma County Fire & Emergency Services Department	5	0	10	9	1
Total	1089	313	2687	2080	607

Single-Walled UST Systems by UPA, Sorted by Number of Single-Walled UST Facilities (page 2 of 2)

UPA	Total Number of Single-Walled UST Facilities	Single-Walled UST Facilities with Unresolved Priority Violations in past 18 months	Total Number of Single-Walled UST Systems	Number of Single-Walled Tanks	Number of Double-Walled Tanks w/ Single-Walled Piping
Sunnyvale Department of Public Safety	5	0	10	6	4
Fremont City Fire Department	5	0	10	7	3
Livermore-Pleasanton FD	5	0	15	12	3
Inyo County Department of Environmental Health Services	5	9	14	13	1
El Dorado County Environmental Management	4	0	10	9	1
Orange City Fire Department	4	0	9	7	2
Santa Clara City Fire Department	4	5	8	7	1
Yuba County Environmental Health Department	4	3	17	11	6
Plumas County Environmental Health	4	4	14	14	0
Pasadena Fire Department	4	0	10	6	4
San Joaquin County Environmental Health	4	0	4	0	4
Torrance Fire Department	3	0	7	6	1
El Segundo City Fire Department	3	0	5	2	3
Santa Rosa City Fire Department	3	0	7	5	2
Vernon Health & Environmental Control Department	3	0	9	0	9
Siskiyou County Community Development	3	0	5	3	2
Roseville City Fire Department	3	3	8	8	0
Lake County Environmental Health	3	4	7	7	0
Glendale City Fire Department	2	0	2	0	2
Fullerton City Fire Department	2	0	5	5	0
Sutter County Environmental Health	2	0	3	2	1
Colusa County Health and Human Services	2	0	6	6	0
Sierra County Human Services Department	2	0	7	7	0
Petaluma City Fire Department	2	0	6	3	3
Mono County Health Department	1	0	1	0	1
Napa County Department of Environmental Management	1	2	2	2	0
Gilroy City Fire Department	1	0	3	3	0
Yolo County Environmental Health	1	5	5	5	0
Nevada County Environmental Health	1	0	1	1	0
Santa Monica Fire Department	1	0	4	0	4
San Benito County Health Department	1	0	4	4	0
Mountain View Fire Department	1	0	2	2	0
Trinity County - DTSC	1	0	2	0	2
San Luis Obispo City Fire Department	1	0	1	0	1
Modoc County Environmental Health	1	0	3	3	0
Alpine County Health Department	0	0	0	0	0
Del Norte Environmental Health Division	0	0	0	0	0
Glenn County Air Pollution Control District	0	0	0	0	0
Healdsburg/Sebastopol JPA	0	0	0	0	0
Lassen County Environmental Health	0	0	0	0	0
Madera County Environmental Health	0	0	0	0	0
Oxnard Fire Department	0	0	0	0	0
Santa Fe Springs Fire-Rescue	0	0	0	0	0
Tehama County Environmental Health	0	0	0	0	0
Union City Environmental Programs	0	0	0	0	0
Total	1089	313	2687	2080	607

Appendix A: Confirmed UST Releases, January – June 2020

Throughout California, 23 releases were confirmed and reported from federally regulated petroleum USTs between January and June 2020. This does not account for releases from non-petroleum USTs (e.g., chlorinated solvent USTs), nor does it account for releases from federally exempt USTs (e.g., residential heating oil USTs).

Table of Contents	Page Number
<u>Newly Occuring Release – 1 Case</u>	<u>A-1</u>
Orange County Environmental Health (1 case)	A-1
<u>New Discoveries (Old Release) – 21 Cases</u>	<u>A-2</u>
Alameda County Department of Environmental Health (2 cases)	A-2
Berkley Toxics Management Division (2 cases)	A-3
Imperial CUPA – DTSC (2 cases)	A-3
Ventura City Fire Department (2 cases).....	A-4
Amador County Environmental Health Department (1 case)	A-5
El Dorado County Environmental Management (1 case)	A-5
Fresno County Department of Public Health (1 case)	A-6
Humboldt County of Division of Environmental Health (1 case).....	A-6
Los Angeles County Department of Public Works (1 case).....	A-6
Los Angeles City Fire Department (1 case)	A-7
Orange County Environmental Health (1 case)	A-7
Sacramento County Environmental Management Department (1 case).....	A-8
San Bernardino County Fire Department (1 case).....	A-8
San Diego County Department of Environmental Health (1 case)	A-8
San Luis Obispo County Environmental Health (1 case).....	A-9
Union City Environmental Programs (1 case).....	A-9
Ventura County Environmental Health (1 case)	A-9
<u>New LUST Case (Old Release, Old Discovery) – 4 Cases</u>	<u>A-10</u>
Los Angeles County Department of Public Works (4 cases)	A-10

Newly Occurring Release – 1 case

Orange County Environmental Health (1 case)

1. The MET

575 Anton Blvd, Costa Mesa

Substance: Diesel

Source: Tank

The release was discovered when the owner/operator submitted an Unauthorized Release Report which stated that a release had been detected by inventory control measures (January 2020). The release came from a 1,000-gallon diesel UST used to fuel an emergency generator at a multi-story office complex. Upon UST removal, a seam on the end of the tank

was observed to be compromised (May 2020). The UST pit was over excavated, and 36 cubic yards of soil were removed from the site. Soil samples collected from the tank pit and stockpiled soils indicated the presence of diesel range petroleum hydrocarbons at low levels. Orange County Environmental Health sent a notification to initiate corrective action (June 2020). The RP's consultant submitted a site investigation work plan to Orange County (July 2020). Orange County sent a letter to the RP (August 2020) noting deficiencies in the work plan. The consultant sent a work plan addendum to Orange County (September 2020).

New Discoveries (Old Release) – 21 Cases

Alameda County Department of Environmental Health (4 cases)

2. 1450 14th Street UST

1450 14th Street, Oakland

Substance: Diesel, Stoddard Solvent

Source: Tank

A Phase II Environmental Site Assessment (ESA) identified two subsurface anomalies consistent with USTs at a building occupying both 1450 and 1468 14th Street. A Phase I ESA identified the site had previously been an auto repair garage from approximately 1951 to 1961. This release was discovered (December 2019) when soil samples were collected during the removal of UST 1. UST 1 was approximately 1,050-gallon and observed to be intact with no visible holes. Discolored soil was observed below the base of the excavated UST 1 beneath the southern fill port. Soil and groundwater samples indicate a release of petroleum hydrocarbons. There has been no information uploaded to GeoTracker since UST Closure Report was submitted (January 2020). The site is currently a self-storage facility.

3. 1468 14th Street UST

1468 14th Street, Oakland

Substance: Diesel, Stoddard Solvent

Source: Tank

A Phase II Environmental Site Assessment (ESA) identified two subsurface anomalies consistent with USTs at a building occupying both 1450 and 1468 14th Street. A Phase I ESA identified the site had previously been an auto repair garage from approximately 1951 to 1961. This release was discovered (December 2019) when soil samples were collected during and in-place closure of UST 2. It was not removed due to the proximity of an electrical conduit. UST 2 was approximately 1,050-gallons and contained approximately 100 gallons of residual Stoddard solvent and water. The liquid was vacuumed out and the tank was closed in place with slurry. Soil and groundwater samples indicate a release of petroleum hydrocarbons. A subsurface investigation report was performed (May 2020), and a report recommended site closure under LTCP. Site closure under LTCP began (July 2020). The site is currently a self-storage facility.

Berkeley Toxics Management Division (2 cases)

4. Berkeley Adult Mental Health Clinic **2640 Martin Luther King Jr Way, Berkeley**

Substance: Diesel **Source: Tank**

The UST was discovered during excavation, which was stopped due to a strong diesel-like odor from an unknown petroleum product and a visible sheen on water present in the excavation (March 2020). Samples of the tank contents, groundwater that pooled in the UST excavation, and overburden soil samples were collected between March and May 2020 and indicate a release occurred from the UST. Upon removal, a small hole was discovered on the bottom of the UST. Approximately 15 cubic yards (cy) of soil were over-excavated during removal of the UST (June 2020). An additional 30 cy of petroleum impacted soil was over excavated at a later date (July 2020). The Regional Water Board issued a Public Notice of Case Closure (November 2020). The site is currently an adult mental health facility owned by the City of Berkeley.

5. Former Holland Service Garage **2201 San Pablo Avenue, Berkeley**

Substance: Gasoline, Diesel, Waste Oil **Source: Tank**

The release was discovered during a Phase II Subsurface Investigation when soil and groundwater sampling results indicated a release of petroleum hydrocarbons had occurred at the site (January 2020). A waste oil UST and dispensers for two gasoline USTs were previously located on the property from 1963 to 1987. The gasoline USTs were located on an adjacent property, with all three USTs being removed in 1987. Although permit records were cited in an earlier Phase I Environmental Site Assessment (October 2019), no UST removal reports could be found. The Regional Water Board referred the case to Alameda County Department of Environmental Health (May 2020). The RP’s consultant submitted a work plan for additional subsurface investigation to Alameda County (September 2020). Alameda County requested revisions to the work plan during a November 2020 meeting. As of January 2020, the site was noted to be “under consideration for redevelopment that may include excavation activities for underground parking”.

Imperial CUPA – DTSC (2 cases)

6. Mann Company **1313 Main Street, Brawley**

Substance: Gasoline, Diesel **Source: Tank**

The release was discovered during excavation and removal of three (3) 1,000 gallon single-walled USTs and 10 feet of piping (April 2020). The abandoned USTs were found during a Phase I ESA that identified three subsurface anomalies on the western portion of the site, approximately 25 feet north of the existing dispenser island. Upon removal, UST 1 was found

to contain several gallons of gasoline, UST 2 was found to contain several gallons of diesel, and UST 3 was reportedly empty. Soil samples collected from the tank pit during excavation indicate a release of gasoline and diesel range hydrocarbons. The Tank Removal and Sampling Report was submitted to the Colorado River Basin Regional Water Board (July 2020). The Regional Water Board sent a request for a work plan to the RP (August 2020). A work plan proposing 9 borings and collection of soil and groundwater samples was submitted to the Regional Water Board (October 2020). The site is currently occupied by Mann Company, a bulk fuel storage and dispensing company. The site has been a gasoline service station since approximately 1960, operating aboveground storage tanks since at least 2013.

7. Sidewinder Chevron

611 Sidewinder Road, Winterhaven

Substance: Gasoline

Source: Unknown

The release was discovered when MTBE was detected above the secondary MCL during 2015, 2016 and 2019 annual groundwater sampling required by the permit for this operating retail fueling station. MTBE was detected in an onsite supply well that provides potable water to the convenience store and its customers. A Notice of Violation was issued (July 2019) for failure to monitor the well for MTBE in 2017 and 2018. The RPs consultant submitted a site assessment work plan to the Regional Water Board (February 2020) which was subsequently approved by the Water Board (April 2020). A time extension to submit the technical report was requested by the RP (May 2020) and granted by the Regional Water Board (July 2020). The facility operates two (2) 10,000-gallon double-walled gasoline USTs that were installed in 1990.

Ventura City Fire Department (2 cases)

8. Avenue Trailer Town Partners, LLC

251 Ventura Avenue N, Ventura

Substance: Gasoline, Diesel, Waste Oil

Source: Tank

The release was discovered during the removal of twelve (12) USTs from the site (April 2020). The USTs were identified during a Phase II Environmental Site Assessment (ESA) which stated the property had previously been an oil and gas service station (1928 – 1968). Visual inspection of the USTs identified numerous perforations resulting from corrosion. Strong petroleum odors were noted in soil beneath the excavated USTs. The UST System Removal and Compliance Soil Sampling Report (May 2020) recommended removal of impacted soil. The City of Ventura Fire Department referred the case to the Los Angeles Regional Water Board (June 2020). A Remedial Action Plan (RAP) outlined two phases of soil over excavation and soil borings to characterize the lateral and vertical extent of contamination at the site (August 2020). A RAP Addendum proposing grab groundwater sampling in addition to the work proposed in the original RAP was submitted (November 2020) in response the Regional

Water Board’s letter requiring groundwater investigation (October 2020). The site is currently used as a gravel parking lot and storage area.

9. Landowner Property

24 Santa Clara Street, Ventura

Substance: Gasoline, Diesel

Source: Unknown

The release was discovered during site construction when an approximately 375-gallon UST was uncovered. At the time of removal, petroleum odors and stained soil were noted in the tank pit beneath the UST (June 2020). The City of Ventura Fire Department referred the case to the Los Angeles Regional Water Board (June 2020). The Regional Water Board sent a request for additional information and work plan to the RP (July 2020). The work plan was submitted to the Regional Water Board (July 2020) and approved by the Board (August 2020). The additional site assessment along with a request for site closure was submitted to the Regional Water Board (September 2020). The Regional Water Board issued a Pre-Closure Notification (October 2020). This site is currently a mixed-use industrial building with offices on site.

Amador County Environmental Health Department (1 case)

10. Pine Grove Station Case #2

20080 Highway 88, Pine Grove

Substance: Gasoline

Source: Tank

The release was discovered during excavation and removal of three (3) single-walled gasoline USTs with capacities of 1,500, 2,000, and 6,000 gallons (June 2020). Upon removal, strong petroleum odor and soil staining at the base of the UST cavity were noted. Amador County opened a LUST case for the same USTs in 1998, when soil contamination was discovered during tank lining activities. This first case was closed in 2000 after additional soil sampling. The Central Valley Regional Water Board opened a second LUST case in 2003 after soil contamination was discovered adjacent to dispensers. This second case was closed in 2018 after groundwater and soil vapor sampling met Low Threat UST Case Closure criteria. The Regional Water Board sent a Request for Limited Site Investigation Work Plan to the RP (August 2020), explaining that contamination discovered during the recent UST removals may be associated with a post-1998 release that would not have been reflected in groundwater data collected to evaluate the dispenser release. A tire business continues to operate on the same parcel as the former retail fueling station.

El Dorado County Environmental Management (1 case)

11. Beach Bear Café

3300 Lake Tahoe Boulevard, South Lake Tahoe

Substance: Gasoline

Source: Tank

The release was discovered during Phase II Subsurface Investigation when soil vapor samples from a former UST tank pit revealed high heptane concentrations (December 2019). Additional soil and soil gas samples were collected (January 2020); results showed TPH and related VOC concentrations in soil and groundwater below screening levels for commercial property. A former gas station was in operation at the site from 1962 to 1969. The 60-Day Public Notice for Case Closure was issued (March 2020). A No Further Action letter was issued by the Regional Water Board (May 2020) and the case was closed. The site is currently occupied by two commercial buildings and an adjacent parking lot.

Fresno County Department of Public Health (1 case)

12. Xpress Mart **5790 N Fresno St, Fresno**

Substance: Gasoline **Source: Tank**

Three (3) single-walled 12,000-gallon USTs originally installed in 1983 were removed from the site, along with product dispensers and associated piping (March 2020). Soil samples taken at that time indicated a release of petroleum beneath the USTs consistent with gasoline range hydrocarbons. The Central Valley Regional Water Board sent a letter to the responsible party (RP) requesting a site investigation (April 2020). No other information is available on GeoTracker at this time. New double-walled USTs replaced the removed USTs, and the site remains an active retail fueling facility. There is a closed case at the site, but the previous release was only associated with the dispensers.

Humboldt County of Division of Environmental Health (1 case)

13. Dass Property **129 4th Street, Eureka**

Substance: Gasoline, Diesel **Source: Tank**

The release was discovered during a Phase II Subsurface Investigation when soil and groundwater sampling identified petroleum impacts at the site (March 2020). The site investigation did not identify any USTs, backfilled excavations or other anomalies. The site is former gas station and auto repair facility, however, that was in operation from 1941 to 1954. The North Coast Regional Water Board sent the RP a letter requesting additional site investigation and corrective action (May 2020). A Work Plan for Additional Site Investigation proposing additional soil and groundwater sampling was submitted to the Regional Water Board (June 2020). The site is currently a motel and parking lot.

Los Angeles County Department of Public Works (1 case)

14. Chevron Station **20320 Avalon Boulevard, Carson**

Substance: Gasoline, Diesel **Source: Piping, Dispensers**

The release was discovered during the permit process to convert a 10,000-gallon diesel UST to store E85 at this active fueling facility (July 2019). Two diesel dispensers and existing double-walled piping were removed and replaced as part of the project. Soil samples were collected beneath diesel dispensers originally installed in 1995, revealing elevated concentrations of TPHd. Results were reported in the Dispenser and Product Piping Soil Sampling Report submitted to Los Angeles County Department of Public Works (February 2020). The Los Angeles County Department of Public Works referred the case to the Los Angeles Regional Water Board (March 2020). A closed case at the site is related to a UST system replaced in 1995.

Los Angeles City Fire Department (1 case)

15. ECI Five Centinela LLC

5650 Centinela Avenue, Los Angeles

Substance: Gasoline, Diesel

Source: Tank

The release was reported after the removal and closure of two double-walled USTs (January 2020). The USTs were installed in 1998 and had been out of service since 2009. UST 1, a 10,000-gallon gasoline UST, was excavated and removed from the site; UST 2, a 10,000-gallon diesel UST, was abandoned in place. The City of Los Angeles Fire Department referred the case to the Regional Water Board (April 2020). The Regional Water Board sent a request for additional information and a work plan (April 2020) citing soil vapor sampling results (July 2018), groundwater sampling results (August 2018), and soil sampling results (June 2019). The work plan was submitted to the Regional Water Board and approved (June 2020). The Additional Subsurface Characterization Report was submitted to the Regional Water Board (September 2020). The results indicate tetrachloroethylene (PCE) is the primary remaining contaminant of concern. The site is currently a vacant two-story office building and warehouse.

Orange County Environmental Health (1 case)

16. United Pacific Station #158

5502 Orangethorpe, La Palma

Substance: Diesel

Source: Dispenser

The release was discovered when soil samples were taken during fuel dispenser removal (April 2020). The soil samples indicated that a release of petroleum hydrocarbons had occurred at the site. The VOC profile of the samples indicates the release is likely residual from previous LUST cases at the site. Previous LUST cases were open at the site from September 1987 until April 1994 and January 1996 until March 2015. The Orange County Environmental Health Services sent a Notification to Initiate Corrective Action to the RP (May 2020). A Preliminary Site Assessment Work Plan was submitted (June 2020). There is no record of approval of the work plan, but Orange County issued a Notice to Comply (October 2020) indicating the site was out of compliance. The site remains an active fueling facility.

Sacramento County Environmental Management Department (1 case)

17. Howard and Son Truck Service

3905 Deeble Street, Sacramento

Substance: Gasoline, Diesel

Source: Tank, Piping

The release was discovered during a Phase II ESA at the site (May 2020). A metallic anomaly consistent with a UST was found, and soil and groundwater samples taken during the Phase II indicated a release of petroleum hydrocarbons had occurred at the site. During excavation of the identified UST (August 2020), product piping that lead to a second previously unidentified UST was uncovered. Two 1,000-gallon USTs were removed from the site, UST 1 had previously contained diesel UST 2 had previously contained gasoline. Stained soil and strong petroleum odors were observed during excavation of UST 2. 105 tons of soil was over-excavated from the site. This is currently vacant but was previously occupied by an auto body repair shop.

San Bernardino County Fire Department (1 case)

**18. City of Redlands 31 and 205 West
Stuart Ave Property**

31 W. Stuart Avenue, Redlands

Substance: Diesel

Source: Tank

The release was discovered when soil samples were taken during fuel dispenser removal (April 2020). The soil samples indicated that a release of petroleum hydrocarbons had occurred at the site. The VOC profile of the samples indicates the release is likely residual from previous LUST cases at the site. Previous LUST cases were open at the site from September 1987 until April 1994 and January 1996 until March 2015. The Orange County Environmental Health Services sent a Notification to Initiate Corrective Action to the RP (May 2020). A Preliminary Site Assessment Work Plan was submitted (June 2020). There is no record of approval of the work plan, but Orange County issued a Notice to Comply (October 2020) indicating the site was out of compliance. The site remains an active fueling facility.

San Diego County Department of Environmental Health (1 case)

19. Union Pipe Trades Local 230

6225 Federal Boulevard, San Diego

Substance: Gasoline

Source: Tank

The release was discovered during a Phase II ESA (January-June 2020) when soil vapor, soil and groundwater sampling indicated a release of petroleum consistent with gasoline range hydrocarbons had occurred at the site. The site contains a vacant garage/office building and an adjacent paved parking lot. One 12,000-gallon UST was reportedly removed from the site in 1984. The San Diego Regional Water Board concurred with the September 2020 Phase II

ESA report’s recommendation to conduct sub-slab soil vapor assessment beneath the existing building, requesting a work plan (October 2020).

San Luis Obispo County Environmental Health (1 case)

20. Appy’s Liquor

2816 Spring Street, Paso Robles

Substance: Gasoline

Source: Piping

The release was discovered during a soil and groundwater investigation at the site (September and October 2020) after a product line failed a pressure test (August 2020). During removal of the corroded product line, contamination was observed in soils removed from where the line connects to the western-most dispenser. Petroleum constituents consistent with a release of gasoline range hydrocarbons were detected in soil and groundwater (October 2020). The site is currently a convenience store and active fueling facility.

Union City Environmental Programs (1 case)

21. Former Brune’s Shell Service

31063 Watkins Street, Union City

Substance: Gasoline, Diesel

Source: Tank

The release was discovered when the Alameda County Water District (ACWD) reviewed a Phase II ESA (November 2019) that indicated a petroleum release had occurred at the site based on soil vapor and groundwater samples. ACWD sent a case initiation letter requesting quarterly monitoring and a work plan to delineate the extent of the contamination (May 2020). The site was occupied by a retail fueling station from approximately 1927 to 1985. Two (2) 5,000-gallon USTs were removed from the site in 1985, but records of UST condition upon removal are not available. ACWD sent a historical information request to Shell Oil (September 2020). Shell Oil responded (October 2020) with documentation that they previously owned USTs at the site, which they sold in 1977. The site currently contains multi-family homes, an office building, and a vacant lot.

Ventura County Environmental Health (1 case)

22. 7-Eleven Store #38012

117 Ventura Street, Fillmore

Substance: Diesel

Source: Unknown

The release was discovered during the removal and replacement of four (4) double-walled 10,000-gallon USTs, dispensers, and associated piping originally installed in 1989 (February 2020). Soil samples collected from the site during removal indicated soils were impacted by diesel range organics. The UST System Removal and Replacement Report (March 2020) hypothesized soil was impacted by residual contamination from one of the three (3) previous LUST cases at the site. A Work Plan for Site Assessment was submitted to the Regional Water

Board (May 2020) and approved with conditions (June 2020). A Site Assessment Report (October 2020) documented the installation of three (3) groundwater monitoring wells. Free product with a thickness of 0.01 feet was noted in one of the wells. The site is currently a convenience store and active fueling facility.

New LUST Case (Old Release, Old Discovery) – 1 case

Los Angeles County Department of Public Works (1 case)

23. City of Monrovia (Former)

1305 Mountain Avenue, Monrovia

Substance: Gasoline, Diesel

Source: Tank

The release was discovered during a review of a report titled Investigation of Concentrations of Hydrocarbons and Lead (1987). One (1) 10,000-gallon diesel UST and one (1) 1,000-gallon gasoline tank were excavated and removed from the site (July 1987). During the excavation of the USTs, the pit was over excavated and resampled several times (July - August 1987). Soil samples indicate the presence of petroleum contaminated soils. The case was opened when the County of Los Angeles Department of Public Works referred the case the Los Angeles Regional Water Board (January 2020). The site is currently a car dealership and service facility.

Appendix B: List of Priority Violations

CERS Violation Name	Violation Type Number
Designated Operator - Inspection Records (USEPATCR 12)	2010004
Falsification	2010006
Release Detection Monitoring and Maintenance Records (USEPATCR 9d)	2030001
Leak Detection Equipment Maintenance (USEPATCR 9d)	2030002
Audible and Visual Alarm	2030003
Continuous In-Tank Leak Detection (CITLD) - Single-Walled Tank (USEPATCR 9d)	2030005
Automatic Tank Gauging - Single-Walled Tank (USEPATCR 9d)	2030006
Corrosion Protection - Impressed Current/Sacrificial Anode (USEPATCR 9c)	2030009
Designated Operator (DO) - Inspection (USEPATCR 12)	2030013
Leak Detection Performance Certification (USEPATCR 9d)	2030015
Double-Walled Tank Monitoring - After January 1, 1984 and Before July 1, 2004 (USEPATCR 9d)	2030016
Double-Walled Pressurized Pipe - Monitoring - In Lieu of 12 Month Line Integrity Test (USEPATCR 9d)	2030017
Double-Walled Pressurized Pipe -Interstitial Monitoring (USEPATCR 9d)	2030018
Groundwater and Vadose Zone Monitoring (USEPATCR 9d)	2030022
Line Leak Detector (LLD)-Double-Walled Pressurized Pipe (USEPATCR 9d)	2030025
Line Leak Detector (LLD) - Single-Walled Pressurized Pipe (USEPATCR 9d)	2030027
Lined Tank Requirements (USEPATCR 9c)	2030029
Unsafe UST Operation	2030035
Overfill Prevention (USEPATCR 9b)	2030036
Permanent Closure	2030038
Piping Obstruction (USEPATCR 9d)	2030040
Pressurized Double-Walled Pipe - Line Integrity Test (USEPATCR 9d)	2030042
Monitoring Equipment (USEPATCR 9d)	2030043

Appendix B: California UST Leak Prevention: January - June 2020 Annual Report

CERS Violation Name	Violation Type Number
Red Tag Deposit	2030044
Red Tag Tampering	2030045
Secondary Containment	2030047
Secondary Containment Testing (USEPATCR 9d)	2030048
Single-Walled Conventional Suction (USEPATCR 9d)	2030049
Single-Walled Conventional Suction Testing (USEPATCR 9d)	2030050
Single-Walled Gravity (USEPATCR 9d)	2030051
Single-Walled Pressurized Pipe Monitoring/Testing - (USEPATCR 9d)	2030052
Single-Walled Safe Suction	2030053
Statistical Inventory Reconciliation (SIR) Reporting	2030056
Statistical Inventory Reconciliation (SIR)	2030057
Statistical Inventory Reconciliation (SIR) (USEPATCR 9d)	2030058
Recording Unauthorized Releases	2030061
Tampering with Leak Detection Equipment (USEPATCR 9d)	2030062
Temporary Closure	2030063
Vapor, Pressure, Hydrostatic (VPH) Monitoring - On or After July 1, 2004 (RD)(USEPATCR 9d)	2030065
Well Proximity Enhanced Leak Detection (ELD) Testing	2030066
Emergency Generator Tank Systems Line Leak Detector (LLD) (USEPATCR 9d)	2030075
Reporting Unauthorized Releases (USEPATCR 9d)	2030077
Automatic Tank Gauge (ATG) / Statistical Inventory Reconciliation / Continuous In-Tank Leak Detection	2060002
Line Leak Detector (LLD) - Installed (USEPATCR 9d)	2060012
Improper Monitoring (USEPATCR 9d)	2060015
Spill Container (USEPATCR 9a)	2060020
UST Design/Construction - Compatibility	2060024
UST Primary Containment	2060027