



CALIFORNIA UNDERGROUND STORAGE TANK (UST) LEAK PREVENTION

JANUARY – JUNE 2019 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 of 2019. Data sources were collected in October 2019, 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 L99T85901 between the U.S. Environmental Protection Agency (USEPA) Region 9 and the State Water Board.

Statewide UST Numbers *

Number of USTs	36,315
Number of UST Facilities	13,817
Storage Capacity (gal)	397,093,241

* Statewide number of USTs and storage capacity are underreported here (783 UST facilities in CERS lack tank-specific information)

CERS Implementation (pg. 2)

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).

Use / Contents	USTs	Capacity (gal)
Motor Vehicle, Gasoline	23,498	278,668,275
Motor Vehicle, Diesel	7,993	81,144,360
Generator, Diesel	2,006	17,564,681
Waste Oil	966	948,709
Chemicals or Haz. Waste	370	1,887,643
Jet Fuel or Aviation Gas	252	5,832,765
Marina Fueling	138	1,172,662
Other	1,092	9,874,146

% Facilities in CERS	99.94%
% Facilities with an Inspection Record	99.77%
UPAs Approved for Paperless Reporting	48/90

Priority Violations & Return to Compliance (RTC) (pg. 2-4)

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 89 violations currently available in the CERS library, 48 priority violations were identified for this report. These

Routine Inspections (January-June 2019)	7,076
Priority Violations	13,373
% Inspected Facilities with Priority Violations	69.1%
% Facilities with Priority Violations (All RTC)	51.3%

48 priority violations include all 30 violations that trigger the USEPA 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 USEPA and the State Water Board. See Appendix B for the list of priority violations.

New Leaking UST Cases (pg. 5)

Minimizing petroleum 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.

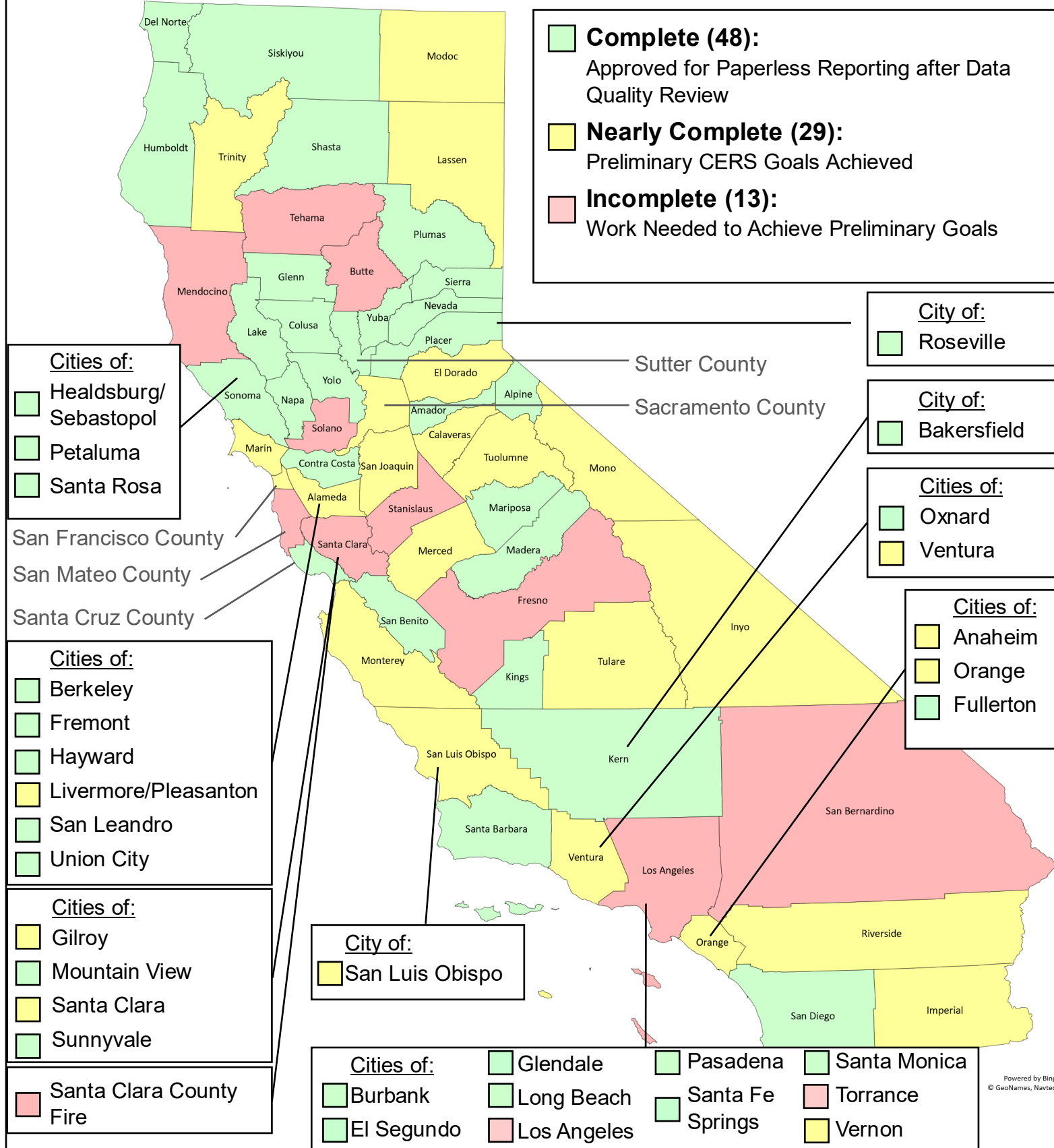
Releases Reported (Total)	30
Releases Reported (Operating Facilities)	11
New Releases (i.e., Newly Occurring)	1

Single-Walled USTs (pg. 6-8)

California law requires the permanent closure of single-walled (SW) 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)	2,811
Facilities with SW USTs (tanks or piping)	1,146
% of Statewide UST Systems (SW)	7.7%
% of Statewide UST Facilities (SW)	8.3%
SW UST Facilities with unresolved priority violation(s) cited in past 18 months	367

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 in CERS;
 (3) > 95% of UST facilities, or all but 1, have basic tank information in CERS

* CERS data queried October 1, 2019

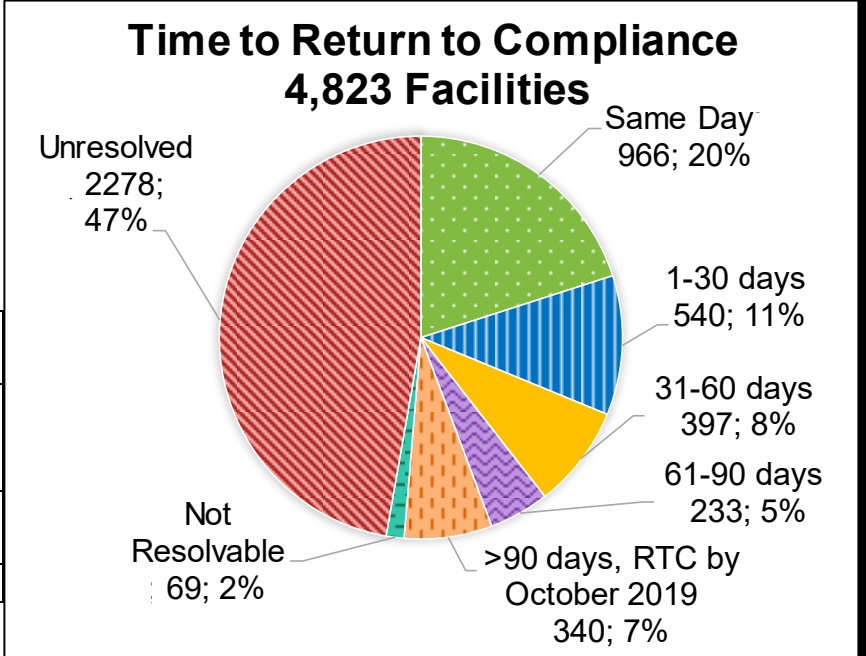
UST Violations and Return to Compliance (RTC)

There are currently 89 UST violations in CERS and 48 violations were identified as priority violations for this report. See Appendix B for the full list of priority violations.

Between January and June 2019, UPAs cited one or more priority violations at 69.1% (4,823 of 6,982) of all UST facilities inspected. By October 2019, 51.3% of these facilities (2,476 of 4,823) had returned to compliance.

Number of Facilities with a Routine Inspection	6,982
Number of Additional Routine Inspections reported in 6 month period	94
Number of Facilities with Priority Violations	4,823
Average Time to RTC*	58 days

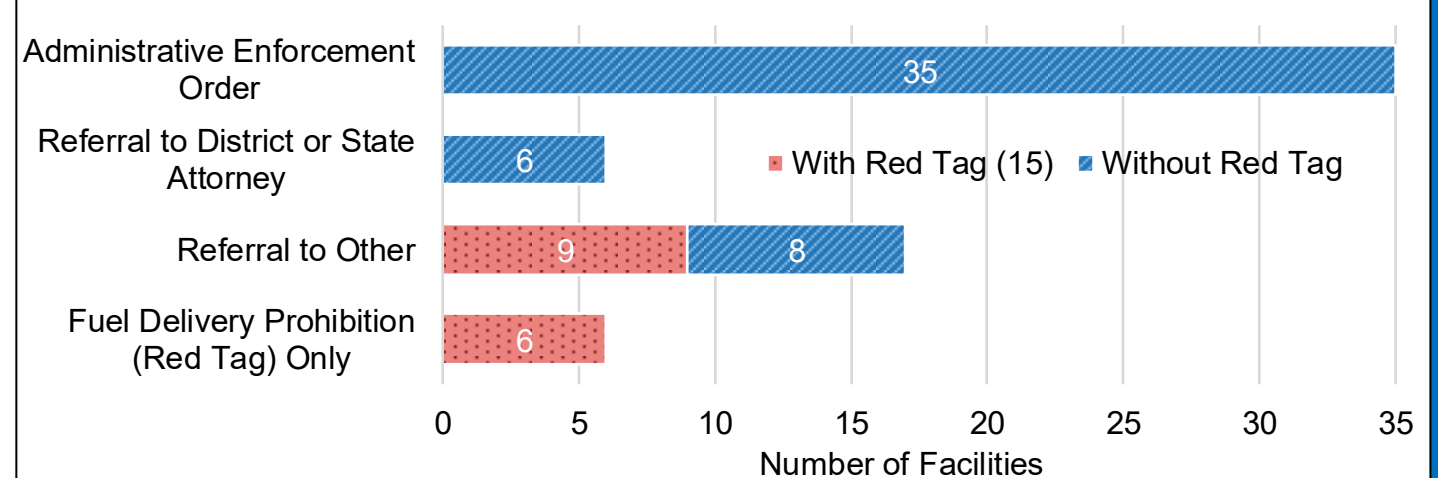
*Per Violation, not including RTC at time of inspection (same day RTC)



Most Cited Violations, January-June 2019

Violation Name	CERS Violation Type Number	Total # Citations	# UPAs Citing Violation	% RTC by April 2019
Overfill Prevention (not meeting regulatory requirements)	2030036	4394	73	45%
Designated Operator Monthly Inspections (failure to conduct monthly inspection)	2030013	1483	58	45%
Spill Container (not meeting maintenance/testing requirements)	2060020	1155	75	53%
Monitoring Equipment (improper installation, calibration, operation or maintenance)	2030043	651	63	64%
Secondary Containment (failure to maintain)	2030047	651	53	28%

Enforcement Actions Initiated at 90 Facilities



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

UPA	% 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 Violation RTC by October 2019	Formal Enforcements Initiated
Glendale City Fire Department	56%	33	18	14	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Mariposa County Public Health Department	11%	5	6	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Monterey County Health Department	48%	105	29	20	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
San Benito County Health Department	70%	16	9	6	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Tuolumne County Environmental Health	32%	11	13	7	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Santa Clara City Fire Department	60%	39	47	30	0 (0%)	1 (3%)	2 (7%)	2 (7%)	4 (13%)	0
Tehama County Environmental Health	43%	19	31	13	0 (0%)	1 (8%)	1 (8%)	1 (8%)	1 (8%)	0
Inyo County Dept of Environmental Health Services	48%	13	18	10	1 (10%)	1 (10%)	1 (10%)	1 (10%)	2 (20%)	0
Yuba County Environmental Health Department	49%	19	10	7	0 (0%)	0 (0%)	1 (14%)	1 (14%)	2 (29%)	0
Solano County Environmental Health	56%	107	243	55	4 (7%)	7 (13%)	8 (15%)	8 (15%)	10 (18%)	4
Butte County Environmental Health	35%	34	62	27	4 (15%)	4 (15%)	4 (15%)	4 (15%)	6 (22%)	0
Santa Clara County Environmental Health	49%	195	468	182	10 (5%)	23 (13%)	29 (16%)	29 (16%)	29 (16%)	2
Santa Monica Fire Department	69%	27	51	27	2 (7%)	3 (11%)	5 (19%)	5 (19%)	6 (22%)	0
Siskiyou County Community Development	28%	9	36	10	1 (10%)	2 (20%)	2 (20%)	2 (20%)	2 (20%)	0
Los Angeles County Department of Public Works	58%	891	4007	705	13 (2%)	80 (11%)	125 (18%)	159 (23%)	213 (30%)	0
Kern County Environmental Health Services Dept	54%	154	172	92	5 (5%)	12 (13%)	18 (20%)	21 (23%)	27 (29%)	0
Mountain View Fire Department	48%	12	15	8	0 (0%)	1 (13%)	2 (25%)	2 (25%)	2 (25%)	0
Petaluma City Fire Department	56%	10	5	4	1 (25%)	1 (25%)	1 (25%)	1 (25%)	1 (25%)	0
San Joaquin County Environmental Health	62%	168	529	151	3 (2%)	26 (17%)	37 (25%)	40 (26%)	47 (31%)	10
Santa Cruz County Environmental Health	52%	57	67	35	5 (14%)	8 (23%)	9 (26%)	10 (29%)	10 (29%)	0
Tulare County Environmental Health	49%	132	186	94	11 (12%)	21 (22%)	25 (27%)	29 (31%)	32 (34%)	0
Glenn County Air Pollution Control District	71%	12	38	12	3 (25%)	4 (33%)	4 (33%)	4 (33%)	4 (33%)	0
Healdsburg/Sebastopol JPA	36%	5	7	3	0 (0%)	1 (33%)	1 (33%)	1 (33%)	2 (67%)	0
Plumas County Environmental Health	32%	6	19	6	0 (0%)	1 (17%)	2 (33%)	2 (33%)	3 (50%)	0
Shasta County Environmental Health	53%	63	107	53	7 (13%)	12 (23%)	14 (26%)	18 (34%)	27 (51%)	12
Riverside County Dept of Environmental Health	55%	372	588	264	43 (16%)	62 (23%)	87 (33%)	100 (38%)	136 (52%)	20
San Leandro City	46%	22	15	13	3 (23%)	4 (31%)	4 (31%)	5 (38%)	7 (54%)	0
Hayward City Fire Department	54%	50	74	31	6 (19%)	7 (23%)	9 (29%)	12 (39%)	12 (39%)	0
San Bernardino County Fire Department	54%	455	367	233	52 (22%)	75 (32%)	85 (36%)	93 (40%)	110 (47%)	24
Burbank Fire Department	44%	28	6	5	1 (20%)	1 (20%)	1 (20%)	2 (40%)	3 (60%)	0
Calaveras County Environmental Health	48%	15	21	12	4 (33%)	5 (42%)	5 (42%)	5 (42%)	5 (42%)	0
Kings County Environmental Health	48%	41	56	24	4 (17%)	6 (25%)	9 (38%)	10 (42%)	10 (42%)	0
Mono County Health Department	57%	12	52	12	5 (42%)	5 (42%)	5 (42%)	5 (42%)	6 (50%)	0
San Mateo County Environmental Health	44%	126	212	91	9 (10%)	19 (21%)	32 (35%)	38 (42%)	46 (51%)	0
Amador County Environmental Health	24%	7	13	7	1 (14%)	2 (29%)	3 (43%)	3 (43%)	3 (43%)	0
San Luis Obispo County Environmental Health	15%	15	10	7	2 (29%)	3 (43%)	3 (43%)	3 (43%)	3 (43%)	0
Alameda County Environmental Health	50%	123	264	101	33 (33%)	39 (39%)	43 (43%)	46 (46%)	52 (51%)	1
El Dorado County Environmental Management	42%	33	56	24	2 (8%)	7 (29%)	9 (38%)	11 (46%)	13 (54%)	2
Los Angeles City Fire Department	56%	719	1517	513	109 (21%)	142 (28%)	202 (39%)	236 (46%)	299 (58%)	13
Madera County Environmental Health	55%	41	132	41	4 (10%)	14 (34%)	16 (39%)	19 (46%)	22 (54%)	0
Sacramento County Environmental Management	54%	259	560	217	47 (22%)	82 (38%)	92 (42%)	102 (47%)	113 (52%)	1
Sunnyvale Department of Public Safety	44%	19	31	17	5 (29%)	5 (29%)	7 (41%)	8 (47%)	9 (53%)	0
Stanislaus County Environmental Resources	45%	95	198	74	11 (15%)	26 (35%)	34 (46%)	35 (47%)	44 (59%)	0
Contra Costa County Health Services Department	49%	192	243	119	22 (18%)	39 (33%)	50 (42%)	57 (48%)	67 (56%)	5
Berkeley City Toxics Management Division	34%	10	21	10	2 (20%)	4 (40%)	5 (50%)	5 (50%)	5 (50%)	0
Statewide Totals	51%	7076	13373	4823	966 (20%)	1506 (31%)	1903 (39%)	2136 (44%)	2476 (51%)	145

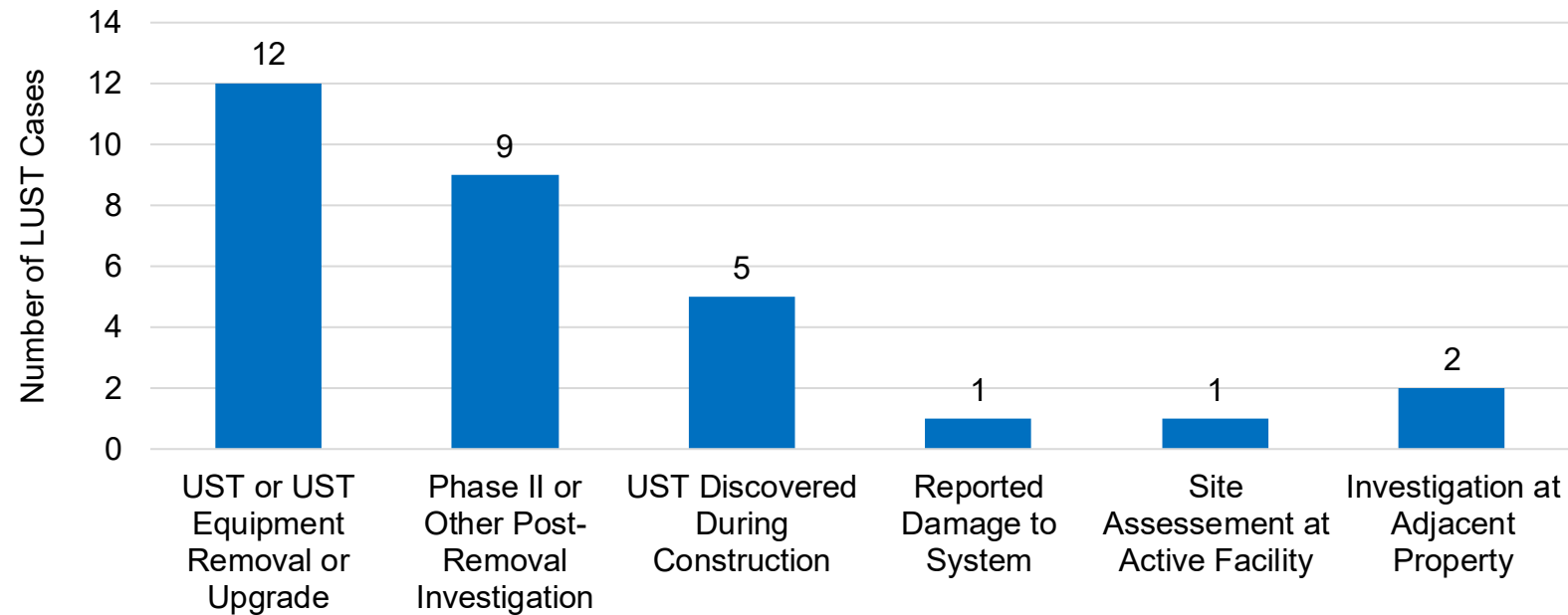
Return to Compliance (RTC) by UPA, Sorted by % Facilities RTC 90 Days after Inspection (page 2 of 2)

UPA	% 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 Violation RTC by October 2019	Formal Enforcements Initiated
Colusa County Health and Human Services	47%	9	8	4	1 (25%)	2 (50%)	2 (50%)	2 (50%)	2 (50%)	0
Gilroy City Fire Department	38%	10	8	6	2 (33%)	2 (33%)	3 (50%)	3 (50%)	3 (50%)	0
Pasadena Fire Department	47%	27	14	12	3 (25%)	3 (25%)	5 (42%)	6 (50%)	8 (67%)	0
Orange County Environmental Health	56%	399	343	193	58 (30%)	72 (37%)	85 (44%)	97 (50%)	103 (53%)	9
Yolo County Environmental Health	51%	51	40	23	8 (35%)	11 (48%)	12 (52%)	12 (52%)	15 (65%)	0
Livermore-Pleasanton FD	50%	37	33	17	1 (6%)	4 (24%)	8 (47%)	9 (53%)	10 (59%)	0
San Francisco City & County Public Health Dept	47%	113	170	90	23 (26%)	34 (38%)	43 (48%)	48 (53%)	56 (62%)	0
Oxnard Fire Department	45%	22	16	11	2 (18%)	4 (36%)	5 (45%)	6 (55%)	7 (64%)	0
Bakersfield City Fire Department	43%	64	139	56	6 (11%)	12 (21%)	20 (36%)	32 (57%)	40 (71%)	3
Roseville City Fire Department	58%	29	60	21	4 (19%)	7 (33%)	10 (48%)	12 (57%)	13 (62%)	2
Mendocino County Environmental Health	58%	38	65	29	16 (55%)	18 (62%)	18 (62%)	18 (62%)	19 (66%)	12
Santa Rosa City Fire Department	51%	28	35	23	5 (22%)	7 (30%)	13 (57%)	15 (65%)	17 (74%)	0
Del Norte Environmental Health Division	45%	6	5	3	1 (33%)	1 (33%)	2 (67%)	2 (67%)	2 (67%)	0
Lassen County Environmental Health	40%	6	4	3	1 (33%)	1 (33%)	2 (67%)	2 (67%)	2 (67%)	0
Vernon Health & Environmental Control Department	54%	14	3	3	0 (0%)	2 (67%)	2 (67%)	2 (67%)	2 (67%)	0
Merced County Environmental Health	31%	35	79	37	17 (46%)	19 (51%)	24 (65%)	25 (68%)	28 (76%)	0
Sonoma County Fire & Emergency Services Dept	47%	38	29	19	6 (32%)	12 (63%)	13 (68%)	13 (68%)	16 (84%)	0
Fremont City Fire Department	51%	31	55	26	4 (15%)	7 (27%)	14 (54%)	18 (69%)	21 (81%)	0
Nevada County Environmental Health	47%	17	31	13	6 (46%)	7 (54%)	8 (62%)	9 (69%)	9 (69%)	7
Imperial CUPA - DTSC	50%	40	195	43	8 (19%)	17 (40%)	24 (56%)	30 (70%)	33 (77%)	0
Napa County Dept of Environmental Management	68%	30	43	24	7 (29%)	12 (50%)	12 (50%)	17 (71%)	21 (88%)	0
Union City Environmental Programs	50%	11	12	7	4 (57%)	4 (57%)	4 (57%)	5 (71%)	5 (71%)	0
Anaheim City Fire Department	61%	69	43	26	10 (38%)	14 (54%)	17 (65%)	19 (73%)	20 (77%)	0
Humboldt County Division of Environmental Health	54%	40	39	23	7 (30%)	12 (52%)	17 (74%)	17 (74%)	18 (78%)	0
Marin County Dept of Public Works	38%	35	23	12	2 (17%)	4 (33%)	4 (33%)	9 (75%)	9 (75%)	0
Ventura City Fire Department	53%	26	5	4	1 (25%)	2 (50%)	2 (50%)	3 (75%)	3 (75%)	0
Santa Barbara County Environmental Health Svcs	60%	87	67	46	20 (43%)	29 (63%)	33 (72%)	35 (76%)	40 (87%)	3
Long Beach Environmental Health	54%	80	95	46	19 (41%)	26 (57%)	32 (70%)	36 (78%)	40 (87%)	1
Ventura County Environmental Health	56%	91	126	67	29 (43%)	43 (64%)	51 (76%)	53 (79%)	55 (82%)	0
Placer County Environmental Health	51%	46	69	29	9 (31%)	13 (45%)	22 (76%)	23 (79%)	26 (90%)	2
Lake County Environmental Health	42%	13	20	10	5 (50%)	7 (70%)	8 (80%)	8 (80%)	8 (80%)	0
San Diego County Dept of Environmental Health	53%	527	674	396	194 (49%)	272 (69%)	306 (77%)	317 (80%)	329 (83%)	2
Santa Fe Springs Fire-Rescue	55%	17	29	17	4 (24%)	10 (59%)	13 (76%)	14 (82%)	15 (88%)	0
Orange City Fire Department	68%	46	79	41	25 (61%)	28 (68%)	29 (71%)	34 (83%)	36 (88%)	0
Fullerton City Fire Department	47%	20	27	15	5 (33%)	7 (47%)	12 (80%)	13 (87%)	13 (87%)	0
Sutter County Environmental Health	63%	26	20	15	12 (80%)	13 (87%)	13 (87%)	13 (87%)	13 (87%)	0
Torrance Fire Department	69%	37	11	10	4 (40%)	7 (70%)	9 (90%)	9 (90%)	9 (90%)	0
El Segundo City Fire Department	55%	12	23	12	1 (8%)	2 (17%)	11 (92%)	12 (100%)	12 (100%)	0
Modoc County Environmental Health	0%	0	4	1	0 (0%)	1 (100%)	1 (100%)	1 (100%)	1 (100%)	0
Sierra County Human Services Department	20%	1	2	1	0 (0%)	1 (100%)	1 (100%)	1 (100%)	1 (100%)	8
Trinity County - DTSC	17%	1	1	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%	48	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
Santa Clara County Fire Department	34%	23	0	0	N/A	N/A	N/A	N/A	N/A	2
Statewide Totals	51%	7076	13373	4823	966 (20%)	1506 (31%)	1903 (39%)	2136 (44%)	2476 (51%)	145

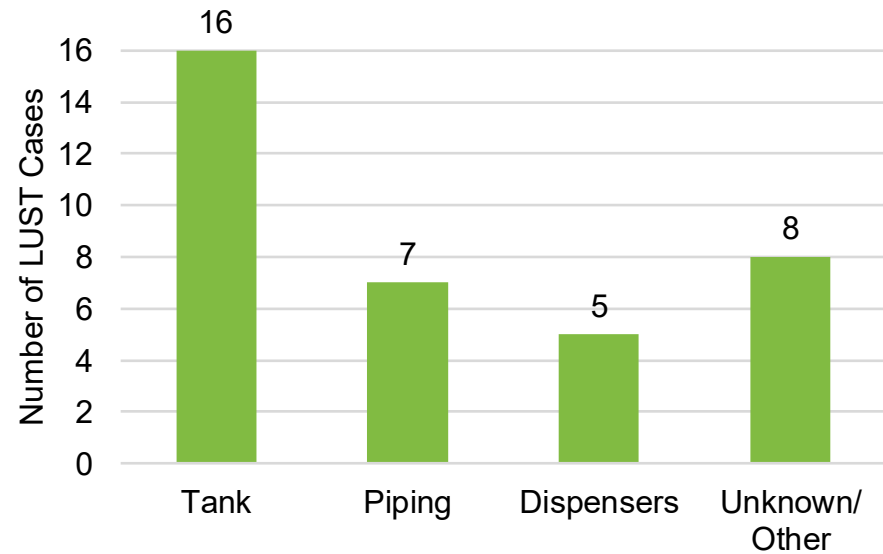
New Leaking UST Cleanup Cases

GeoTracker leaking UST (LUST) data indicate that 30 new petroleum UST cleanup cases were opened, based on releases reported by UST owners, operators and regulators, between January and June 2019.

How Release was Discovered

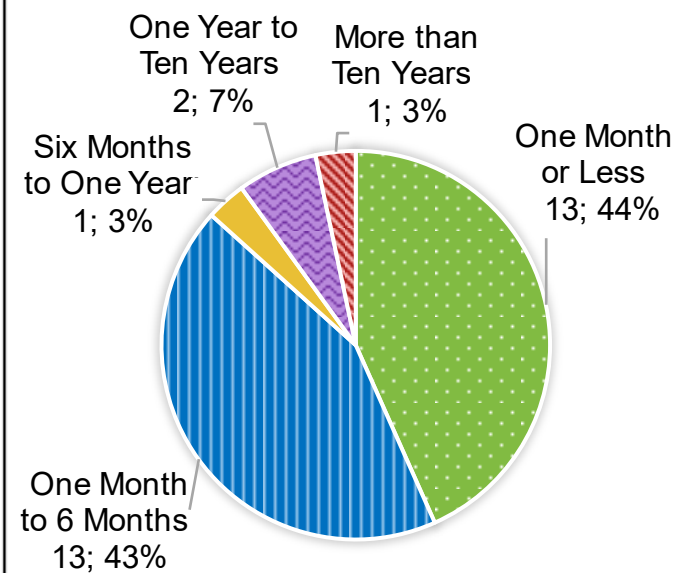


Source of Release

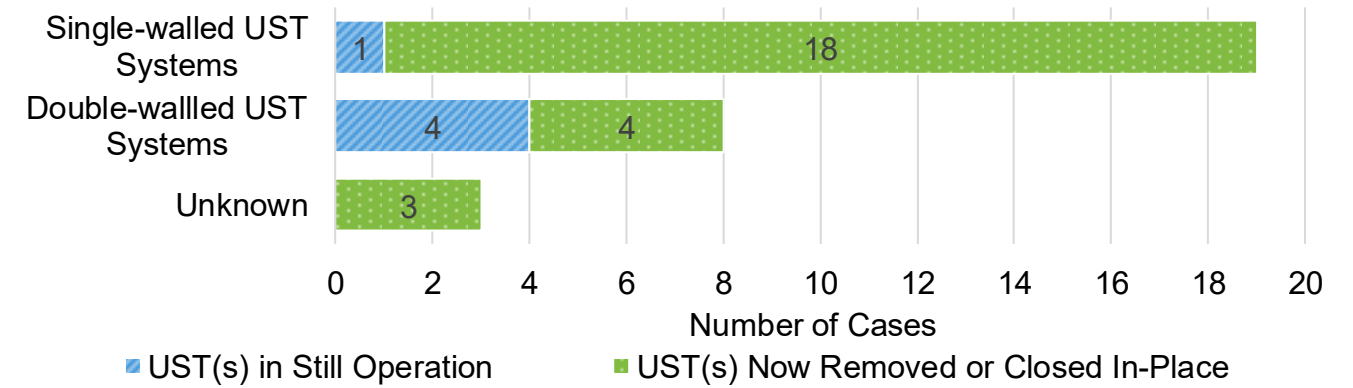


Note: In some cases, more than one component of the UST system is identified as the source. Therefore, the total number for this chart does not reflect the total number of cases.

Release Report to LUST Case (Time Elapsed)

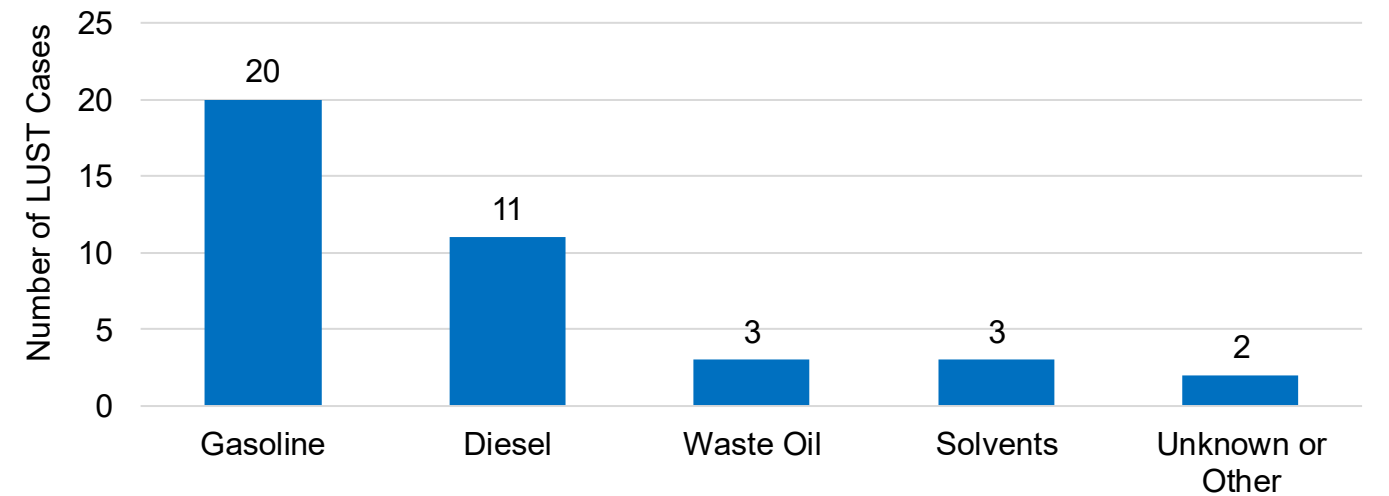


Construction Type & Status of UST Systems with a Release



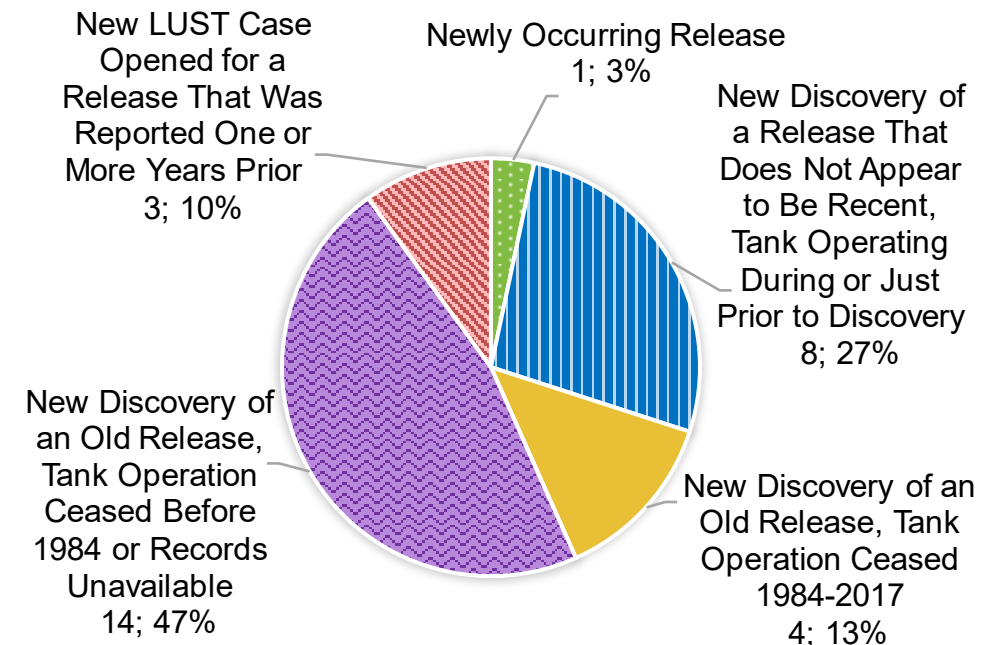
* Construction type and status are for the one or more UST systems involved in the release

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.

What's "New" About the Release



See Appendix A for Details on Individual Releases

11%

DW UST Closures or Upgrades Resulting in Discovery of a Release (47/443 Facilities Since January 1, 2017)

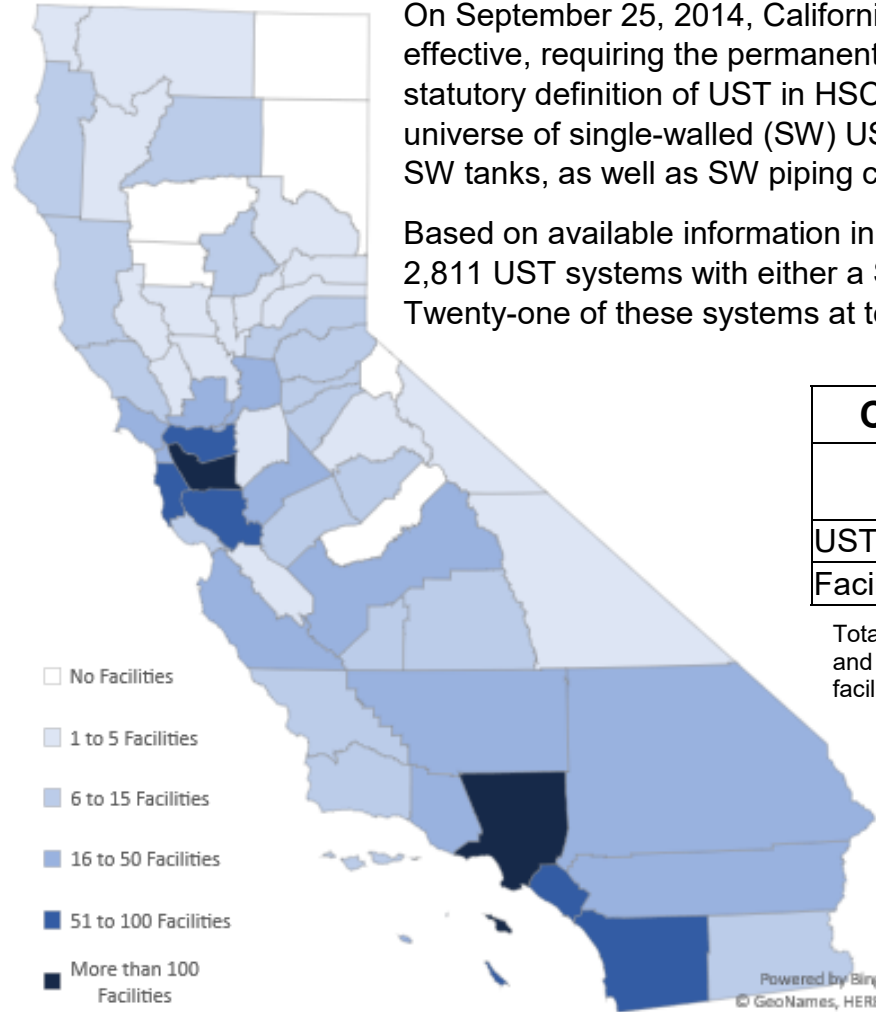
30%

SW UST Closures or Upgrades Resulting in Discovery of a Release (60/203 Facilities Since January 1, 2017)

Single-Walled (SW) USTs

On September 25, 2014, California Health and Safety Code (HSC), Section 25292.05 became effective, requiring the permanent closure of 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 October 2019, California has a total of 2,811 UST systems with either a SW tank or SW piping remaining at 1,146 facilities. Twenty-one of these systems at ten facilities are in temporary closure.



Number of Single-walled Tanks by County

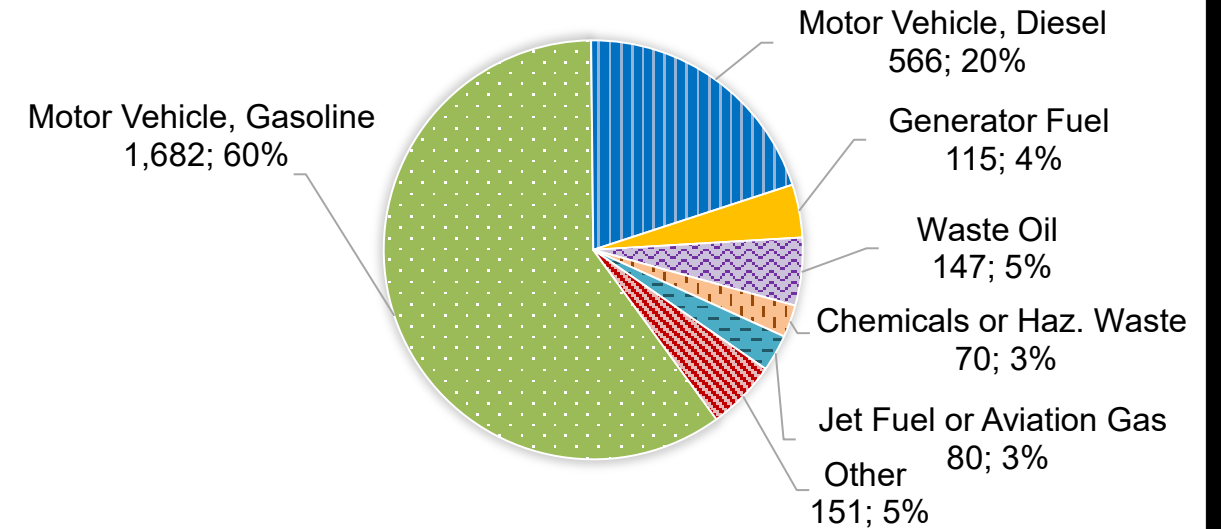
California Single-walled USTs			
	SW Tank	DW Tank SW Piping	Total
USTs	2,174	637	2,811
Facilities	788	378	1,146

Total Facilities (1,146) is less than the sum of SW Tank and DW Tank SW Piping (1,166) because some facilities have both types of UST system.

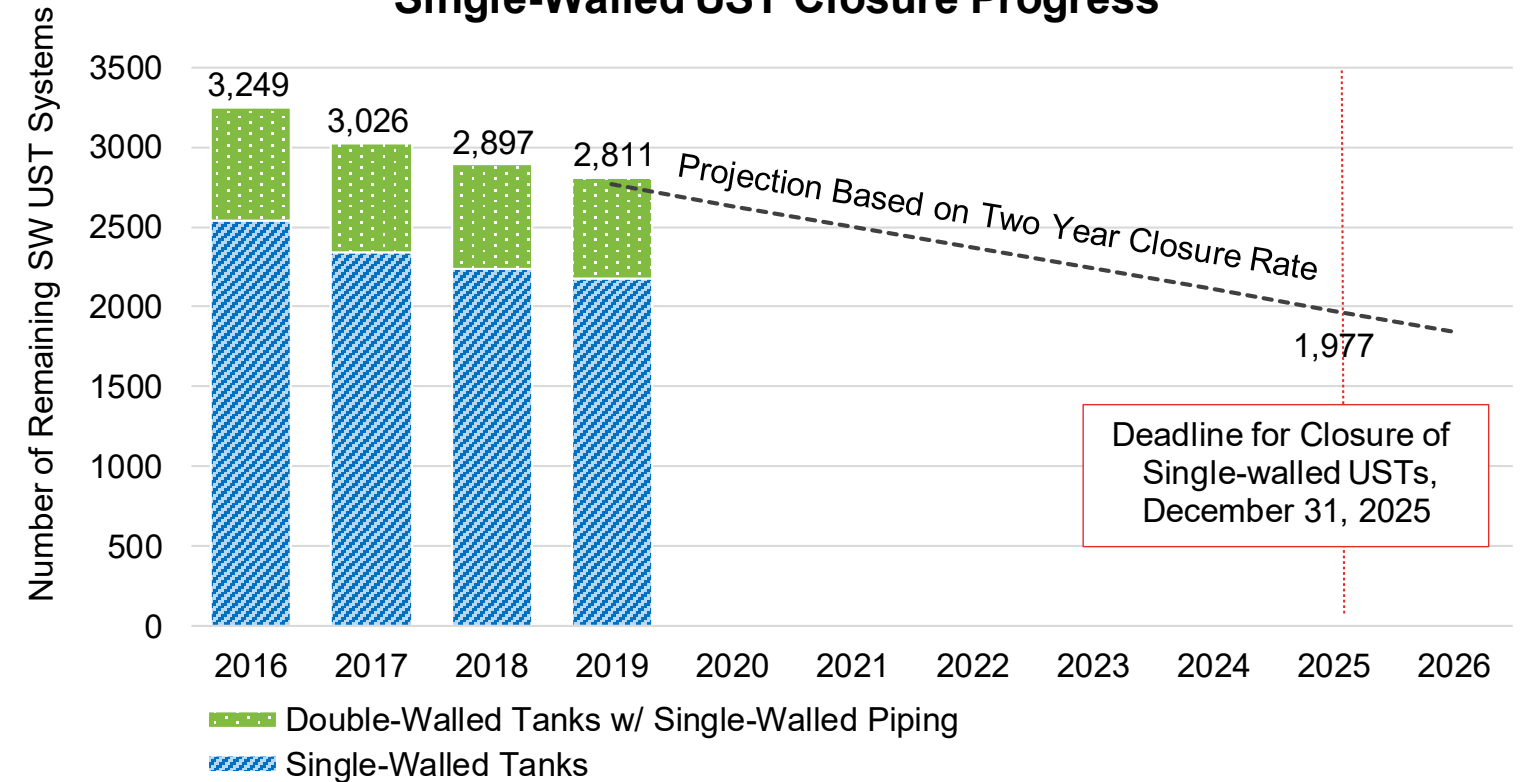
Single-walled UST Closures			
Year	SW Tanks	DW Tanks SW Piping	Total
2017	200	23	223
2018	103	26	129
2019	64	22	86

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

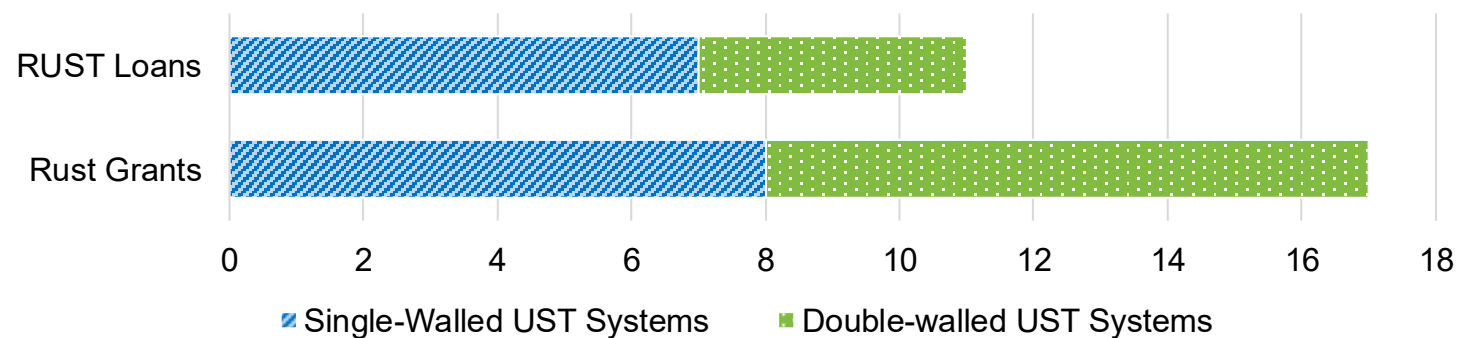
Single-Walled UST System Use/Contents



Single-Walled UST Closure Progress



Approved RUST Grants and Loans January-June 2019



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.

32% of Single-walled UST Facilities have Unresolved Priority Violations
Facilities with unresolved violations are not eligible for RUST funding assistance.

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 w/ 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	114	38	242	158	84
Los Angeles County Department of Public Works	94	54	226	179	47
San Diego County Department of Environmental Health	81	10	229	178	51
Contra Costa County Health Services Department	60	31	148	119	29
Orange County Environmental Health	58	16	135	113	22
San Mateo County Environmental Health	54	15	120	97	23
Alameda County Environmental Health	51	25	130	121	9
San Francisco City & County Public Health Department	49	14	100	84	16
San Bernardino County Fire Department	31	12	72	41	31
Stanislaus County Environmental Resources	28	9	92	87	5
Fresno County Department of Public Health	28	0	89	69	20
Kern County Environmental Health Services Department	28	12	81	78	3
Santa Clara County Environmental Health	26	16	45	29	16
Sacramento County Environmental Management Department	24	10	65	50	15
Monterey County Health Department	21	4	57	48	9
Solano County Environmental Health	19	10	41	19	22
Riverside County Department of Environmental Health	18	6	55	28	27
Bakersfield City Fire Department	16	4	47	44	3
Marin County Dept of Public Works, Waste Mgmt	16	1	36	31	5
Ventura County Environmental Health	15	0	31	22	9
Amador County Environmental Health	14	4	44	34	10
Merced County Environmental Health	13	2	31	21	10
Shasta County Environmental Health	11	6	35	27	8
Calaveras County Environmental Health	10	4	29	29	0
Kings County Environmental Health	10	2	28	26	2
Santa Clara County Fire Department	10	0	25	23	2
Tulare County Environmental Health	10	4	25	15	10
Mendocino County Environmental Health	9	2	29	21	8
Butte County Environmental Health	9	3	23	17	6
Anaheim City Fire Department	9	2	19	9	10
Hayward City Fire Department	9	4	17	13	4
Mariposa County Public Health Department	9	0	16	7	9
Humboldt County Division of Environmental Health	8	2	20	19	1
Placer County Environmental Health	8	1	20	19	1
Santa Cruz County Environmental Health	8	2	20	18	2
Santa Barbara County Environmental Health Services	8	1	19	17	2
Burbank Fire Department	8	1	15	11	4
San Luis Obispo County Environmental Health	8	0	14	11	3
Berkeley City Toxics Management Division	7	3	18	15	3
El Dorado County Environmental Management	7	5	18	12	6
San Leandro City	7	0	12	7	5
Long Beach Environmental Health	6	0	15	11	4
Ventura City Fire Department	6	0	14	13	1
Imperial CUPA - DTSC	6	2	12	11	1
Livermore-Pleasanton FD	5	0	15	12	3
Statewide Total	1,146	367	2,811	2,174	637

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 w/ 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
Orange City Fire Department	5	0	12	7	5
Sunnyvale Department of Public Safety	5	1	11	6	5
Fremont City Fire Department	5	1	10	7	3
Sonoma County Fire & Emergency Services Department	5	0	10	9	1
Santa Clara City Fire Department	5	3	9	7	2
Tuolumne County Environmental Health	5	2	8	4	4
Yuba County Environmental Health Department	4	1	17	11	6
Plumas County Environmental Health	4	1	14	14	0
Pasadena Fire Department	4	0	10	6	4
Torrance Fire Department	4	0	9	6	3
Vernon Health & Environmental Control Department	3	1	9	0	9
Roseville City Fire Department	3	2	8	8	0
Sutter County Environmental Health	3	0	8	7	1
Inyo County Department of Environmental Health Services	3	1	7	7	0
Lake County Environmental Health	3	0	7	7	0
Mono County Health Department	3	0	7	0	7
Santa Rosa City Fire Department	3	0	7	5	2
El Segundo City Fire Department	3	0	5	2	3
Siskiyou County Community Development	3	1	5	3	2
San Joaquin County Environmental Health	3	1	3	0	3
Yolo County Environmental Health	2	1	10	10	0
Sierra County Human Services Department	2	2	7	7	0
Colusa County Health and Human Services	2	2	6	6	0
Petaluma City Fire Department	2	1	6	3	3
Fullerton City Fire Department	2	1	5	5	0
Gilroy City Fire Department	2	2	4	3	1
Glendale City Fire Department	2	1	2	0	2
San Benito County Health Department	1	1	4	4	0
Santa Monica Fire Department	1	0	4	0	4
Modoc County Environmental Health	1	1	3	3	0
Mountain View Fire Department	1	1	2	2	0
Napa County Department of Environmental Management	1	1	2	2	0
Trinity County - DTSC	1	0	2	0	2
Del Norte Environmental Health Division	1	0	1	0	1
San Luis Obispo City Fire Department	1	0	1	0	1
Santa Fe Springs Fire-Rescue	1	0	1	0	1
Union City Environmental Programs	1	1	1	0	1
Alpine County Health Department	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
Nevada County Environmental Health	0	0	0	0	0
Oxnard Fire Department	0	0	0	0	0
Tehama County Environmental Health	0	0	0	0	0
Statewide Total	1,146	367	2,811	2,174	637

Appendix A: Confirmed UST Releases, January – June 2019

Throughout California, 30 releases were confirmed and reported from federally regulated petroleum USTs between January and June 2019. This report 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).

Newly Occurring Release - 1 case

Sacramento County Environmental Management Department (1 case)

1. Forty-Niner Truck Plaza (Case #2) 2828 El Centro Rd, Sacramento

Substance: Diesel

Source: Dispenser, Piping

The release was reported (February 2019) after a satellite dispenser was hit by a truck. The pressurized diesel underground primary and secondary piping were damaged when the dispenser was dislodged from its base, causing a release of diesel fuel into the backfill and surrounding soil. Correspondence in GeoTracker indicates the pump's automatic shutoff valve was engaged so the release was limited. Soil samples collected beneath the damaged primary and secondary pipes confirm the presence of petroleum constituents. The piping was repaired and the dispenser was returned to service shortly after the release. During bio-diesel conversion activities, free product was observed within the same piping run, approximately 100 feet from where the damage was reported (July 2019). A Closure Request was submitted (October 2019) which indicates the free product encountered in July 2019 was likely the result of historical releases at the site not the February 2019 dispenser and piping damage. The site remains an active fueling facility.

New Discoveries (Old Release) - 26 cases

Los Angeles County Department of Public Works (7 cases)

2. City of Pomona Soto Park

1225 Park Ave N, Pomona

Substance: Diesel

Source: Tank

The release was reported when petroleum constituents were detected during UST removal (February 2019). The UST was found during construction activities at the site. An Additional Site Investigation Report was submitted (March 2019) which documents advancement of four (4) soil borings and collection of soil samples between 5 and 35 feet below ground surface (bgs). Soil sample results indicate the release is limited to the upper 20 feet bgs immediately beneath the location of the former UST. Los Angeles County Department of Public Works (DPW) referred the case to the Regional Board (April 2019). The Regional Board issued a request for

information with a deadline of June 28, 2019. There does not appear to have been a response to the request. The site is currently under construction to become a city park.

3. Costco Gasoline #762

1051 West Ave L, Lancaster

Substance: Gasoline

Source: Piping

The release was discovered (March 2019) when soil samples were collected as part of gas station expansion activities which included piping upgrades and replacement of eight (8) dispensers. The March 2019 Compliance Sampling Report indicates a trace level of toluene was detected in one sample collected beneath the piping. Los Angeles County DPW referred the case to the Regional Board (March 2019). The Regional Board issued a Notification of Consideration of No Further Action Required (April 2019). The 60-day public comment period ended June 25, 2019. The current GeoTracker case status is Open- Eligible for Closure. The site remains an active fueling facility.

4. Dolores S. Wolf Co Trust

14009 Crenshaw Blvd, Hawthorne

Substance: Gasoline

Source: Tank

The release was reported when a UST was removed (March 2019). The UST was discovered during a Phase II Environmental Site Assessment (ESA) (November 2018) following a Phase I that revealed a 1964 building permit for UST installation. The April 2019 UST Removal and Soil Sampling Report indicated the UST was noted to be in poor condition with numerous holes rusted through the tank wall. Los Angeles County DPW referred the case to the Regional Board (May 2019). A Site Assessment Work Plan was submitted (September 2019) and approved by the Regional Board (October 2019) with a report due date of January 2020. The site is currently developed with two (2) commercial buildings.

5. Newhall Mobil

25357 Chiquella Lane, Newhall

Substance: Gasoline

Source: Dispenser, Piping

The release was discovered when a Phase II ESA was conducted (April 2019). Nine (9) soil borings were advanced to depths between 8.5 and 10 feet bgs and petroleum constituents were detected in soil samples collected near the eastern fuel dispensers. Los Angeles County DPW referred the case to the Regional Board (June 2019). A Work Plan for Limited Site Assessment proposing five (5) soil borings was submitted (August 2019). The Regional Board requested a revised boring location map (September 2019) and set a report due date of December 16, 2019. The site remains an active fueling facility.

6. San Gabriel Valley Corp. Campus 4920 Rivergrade Rd, Irwindale

Substance: Diesel

Source: Piping

The release was discovered when soil samples were collected during piping removal (April 2019). Low levels of diesel were detected in the two (2) soil samples collected beneath the piping. The piping that was removed led to a polisher which was also removed. Neither the piping nor the polisher were replaced. Los Angeles County DPW referred the case to the Regional Board (May 2019). The site is currently an office complex and an active UST powers a backup generator.

7. Webb's Chevron

5703 Gage Ave, Bell Gardens

Substance: Gasoline, Diesel

Source: Dispenser, Tank

The release was discovered during UST removal activities (February 2019). The UST Removal Report indicates concentrations of petroleum constituents were detected beneath the tanks and dispensers, with the highest concentrations reported in soil beneath the dispensers. Los Angeles County DPW referred the case to the Regional Board (March 2019). A work plan for soil assessment was submitted and approved June 2019. A 60-day extension for submission of the Site Assessment Report was requested (September 2019), but does not appear to have been approved. The site remains an active fueling facility.

8. Westcore Alameda II LLC

130 Oris St E, Compton

Substance: Petroleum Hydrocarbon Solvent

Source: Tank

The release was discovered when a UST was discovered during grading (November 2018) and removed (December 2018). The UST was noted to be in good condition. Based on soil sample results, remedial excavation was conducted (December 2018). Further site investigation was conducted (February 2019). Six (6) borings were advanced to between 40 and 45 feet bgs. Further excavation was conducted (February 2019). Los Angeles County DPW referred the case to the Regional Board (May 2019). A Preclosure Notification was issued (August 2019). The case was closed (October 2019). The site is currently undergoing redevelopment for commercial use.

Los Angeles City Fire Department (4 cases)

9. Commercial-Industrial Property 1227 Manchester Ave W, Los Angeles

Substance: Solvent, PCE

Source: Unknown

The case was opened after petroleum hydrocarbons and chlorinated solvents were detected during an investigation for a nearby leaking UST site. There is no record of USTs at this property. The Regional Board issued a Request for Information to the

property owner (May 2019) with a due date of June 10, 2019. The Regional Board issued a Notice of Violation for failure to respond to the Request for Information (August 2019). The Regional Board had not received a response as of October 2019 and indicated they planned to send the case to enforcement. The site is a commercial property with to buildings.

10. Commercial-Industrial Property 1231 Manchester Ave W, Los Angeles

Substance: Solvent, PCE

Source: Unknown

The case was opened after petroleum hydrocarbons and chlorinated solvents were detected during an investigation for a nearby leaking UST site. There is no record of USTs at this property. The Regional Board issued a Request for Information to the property owner (May 2019) with a due date of June 10, 2019. The Regional Board issued a Notice of Violation for failure to respond to the Request for Information (August 2019). The Regional Board had not received a response as of October 2019 and indicated they planned to send the case to enforcement. The site contains two (2) buildings: one is a mini mart and one appears to be a residence.

11. Former Bethune Library

3665 Vermont Ave S, Los Angeles

Substance: Gasoline

Source: Unknown

The release was discovered when petroleum constituents were found during a Site Characterization conducted (September through November 2018). The site had operated as a gasoline station in the 1920s. Los Angeles Fire Department (LAFD) referred the case to the Regional Board (April 2019). A Shallow Soil Investigation Report was submitted (September 2019), documenting soil sampling in the upper 25 feet bgs in the vicinity of the former UST. Results indicate remaining petroleum concentrations in soil are low and limited in vertical extent. The site is currently a fenced vacant lot.

12. Station #17

1460 La Cienega Blvd S, Los Angeles

Substance: Gasoline

Source: Piping

The release was discovered when petroleum constituents were detected beneath product lines during under-dispenser containment (UDC) replacement activities (July 2018). LAFD referred the case to the Regional Board (April 2019). A Site Closure Request was submitted (July 2019) and indicates the concentrations of hydrocarbon constituents detected at the site appear to be remaining from a previous release. The previous release was reported in 1989 and the previous case was closed in 2013 after significant assessment and remediation was performed. The Regional Board initially denied closure and requested additional work in a September letter, but a Preliminary Notification was issued October 30, 2019. The public comment period ends

December 30, 2019. The case status is currently Open – Eligible for Closure. The site remains an active fueling facility.

Alameda County Department of Environmental Health (3 cases)

13. City Ventures

2240 Filbert Street, Oakland

Substance: Gasoline, Diesel

Source: Tank

Two (2) USTs were encountered during site redevelopment and were abandoned in-place (August 2018). A third UST was encountered but was determined to have been previously abandoned. Diesel and gasoline constituents were detected in soil and groundwater samples collected in the vicinity of the USTs. A memorandum was submitted July 30, 2019 detailing the history of the site and suggesting no further action is appropriate. Alameda County Department of Environmental Health (DEH) disagreed with no further action and requested a Data Gap Investigation Work Plan in a September 2019 directive. The site is currently being redeveloped as residential townhomes.

14. Former Gas Station

2901 E 12th Street, Oakland

Substance: Gasoline, Diesel

Source: Unknown

The release was discovered when a Phase II ESA was conducted as part of property transaction (August 2002). A July 2002 geophysical survey revealed three (3) areas of disturbed soil, which may be indicative of locations of former USTs. A subsurface metallic object was identified as a possible UST with the approximate dimensions of a 550-gallon UST, thought to possibly be a waste oil UST. Three (3) soil borings were advanced at the Site (August 2002) and diesel and gasoline were detected in soil samples. The release was reported to Alameda County DEH during a June 2019 meeting with the owner of the adjacent property who is interested in purchasing the site. A Notice of Responsibility requesting upload of site documents and submission of a Data Gap Investigation Work Plan was issued (August 2019). The site is currently a fenced vacant lot.

15. Sturtevant 1901 Webster Street, LLC 1901 Webster Street, Oakland

Substance: Gasoline

Source: Unknown

The release was discovered during a Phase II ESA (April 2019). The Phase II Subsurface Investigation Report indicated petroleum constituents were present in soil and groundwater beneath the site. Petroleum odors were also noted in three (3) borings. A former gasoline station was present at the site prior to 1984. The property owner, their consultant, and the Regional Board met to discuss the site history and next steps (July 2019) and agreed that further characterization was warranted. An Additional Investigation Work Plan proposing additional soil, soil gas, and

groundwater sampling was submitted and conditionally approved (September 2019). The site is currently a parking lot and coffee shop.

San Diego County Department of Environmental Health (2 cases)

16. Memorial Preparatory for Scholars and Athletes **2850 Logan Ave, San Diego**

Substance: Unknown **Source: Tank**

The release was discovered after petroleum constituents were detected during removal of a 150-gallon UST (March 2019). The UST was encountered during excavation activities associated with site construction. San Diego County Department of Environmental Health (DEH) Inspection Notes indicate the UST was rusted, in poor condition, split open, and filled with soil. Initial soil excavation removed approximately 70 cubic feet of soil to approximately 7.5 feet bgs. Additional over-excavation was conducted (April 2019), extending the existing excavation laterally, and removing an additional 128 cubic yards of soil. Petroleum constituents were not detected in confirmation soil samples. The UST was referred to as "fuel oil" in the July 2019 UST Closure Report, but San Diego County DEH staff indicated the contents are officially "unknown". The case was closed (August 2019). The site is currently a San Diego Unified School District (USD) K-8 school.

17. Wilson Middle School **3838 Orange Avenue, San Diego**

Substance: Unknown **Source: Tank**

The release was reported after one (1) 600-gallon UST was discovered November 2018 and removed (January 2019). San Diego County DEH notes indicate the UST was heavily corroded with holes in the bottom and ends of the UST; soil staining and odor were also noted. A January 2019 Work Plan Submittal indicates that, prior to discovery of the UST, 3,000 cubic yards of fuel-impacted soil was discovered and disposed offsite and that an additional 3,000 cubic yards of impacted soil remaining onsite would be disposed in the same manner. The January 2019 Unauthorized Release Report submitted by the responsible party's consultant indicates the UST contained heating oil, but San Diego County Department of Environmental Health (DEH) staff indicated the contents are officially "unknown". The site is currently a San Diego USD middle school.

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

18. One De Haro Street/552 Berry Street **1 De Haro Street, San Francisco**

Substance: Gasoline **Source: Tank**

The release was discovered when one (1) 300-gallon gasoline UST was discovered during construction and removed (February 2019). The UST Closure Report indicates

the tank contained sand mixed with residual oil. The UST was noted to be in poor condition with at least one visible hole but there was no evidence of contamination in the soil surrounding the UST and petroleum concentrations in soil samples collected beneath the UST were below action limits. The case was closed (May 2019). An office building is currently under construction at the site.

19. Polk Street

999 Polk Street, San Francisco

Substance: Gasoline

Source: Tank

The two (2) USTs were encountered beneath the sidewalk (January 2019). The May 2019 Closure Report for USTs indicates one UST was in poor condition with at least one visible hole and one UST was in good condition with no visible holes. Both USTs contained sand mixed with residual oil. The USTs were partially removed (January 2019); full removal of the USTs was not possible because they were partially located beneath a light pole. No soil discoloration or hydrocarbon odors were noted and petroleum constituents were not detected in soil samples collected beneath the USTs. The case was closed (July 2019). The site is currently an automotive repair facility.

Amador County Environmental Health Department (1 case)

20. Jon's Pit Stop (Jackson)

10773 Highway 49, Jackson

Substance: Gasoline, Diesel

Source: Tank, Dispensers

The release was discovered when an onsite monitoring well was sampled (February 2019). The well is located approximately 15 feet west of the USTs and was installed in 1992. Two (2) single-walled USTs were removed and one (1) was closed in place (September 2019). Petroleum constituents were detected in soil and groundwater samples collected from the tank pit. The UST Closure Sampling Report indicates samples were not collected from beneath the dispenser pans due to "obvious soil and water impacts" and access problems. The site remains an active fueling facility.

Long Beach City Environmental Health (1 case)

21. Coastline Equipment

6242 Paramount Blvd, Long Beach

Substance: Diesel

Source: Piping, Dispensers

The release was discovered when 190 feet of product piping and five (5) dispensers were removed during redevelopment (January 2019). The associated tank(s) had been previously removed. The January 2019 Product Line Piping Closure Report indicates the highest concentrations of petroleum constituents were detected beneath the dispensers. Approximately 43.5 tons of impacted soil were removed and disposed offsite. Additional subsurface investigation was conducted (August 2019). Six (6) borings were advanced and soil samples were collected between 5 and 20 feet bgs.

Soil sample results indicate petroleum concentrations in soil appear to be limited laterally to the area around the former dispensers but have not been fully defined vertically. Groundwater was encountered between 17 and 21 feet bgs and grab groundwater samples were collected from all six borings. Groundwater sample results exceeded water quality objectives in one of six samples. The site is currently an active fueling facility with Aboveground Storage Tanks (ASTs).

Monterey County Health Department (1 case)

22. 467 & 479 East Market Street, Salinas, Monterey County	467 & 479 East Market Street, Salinas
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Substance: Gasoline	Source: Unknown
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The release was discovered during a Phase II ESA (December 2018). A September 2018 Phase I ESA Report indicated one (1) UST was removed from 467 East Market Street in June 1986 and Monterey County had issued a letter dated April 2, 2001 indicating site investigation was complete and no further action was required. A Workplan proposing 16 soil borings, three (3) of which would be converted to groundwater monitoring wells, and six (6) soil gas probes was submitted (May 2019) and approved (June 2019). A request for extension was approved (August 2019), extending the report due date to December 30, 2019. The current occupants of the site include a party supply store, an ice cream wholesale company, and storage unit rental company.

Placer County Environmental Health (1 case)

23. CA Highway Patrol Gold Run #2	50 Canyon Creek, Gold Run
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Substance: Gasoline	Source: Tank
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The release was discovered when a gasoline UST was removed (May 2019). Petroleum constituents were not detected in soil samples collected from beneath the former UST but were detected in a grab groundwater sample collected from the tank pit. A Work Plan proposing advancement of three (3) borings and installation of temporary monitoring wells was submitted (July 2019) and approved (September 2019). The site is currently a California Highway Patrol office.

Roseville City Fire Department (1 case)

24. AAMCO Transmission and Total Car Care	207 Kenroy Ln, Roseville
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Substance: Gasoline	Source: Unknown
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The release was discovered during a Phase II ESA conducted (March 2019) when petroleum constituents were detected in soil and groundwater. Historical records for the site indicated a UST was removed (September 1983), but there is no record of sampling at the time of removal. A Work Plan proposing five (5) borings to further

assess soil and groundwater contamination was submitted and approved (August 2019). The site is an automotive repair facility.

Sonoma County Fire and Emergency Services Department (1 case)

25. O'Toole Property

4777 Guerneville Rd, Sonoma

Substance: Gasoline

Source: Tank

The release was discovered during a Phase II ESA conducted (February 2019). There are USTs remaining at the site; however, the current owner indicated his father closed the USTs in-place in the 1980s. A Work Plan proposing six (6) direct push hydro-punch probes to delineate groundwater contamination was submitted and approved (June 2019). A September 2019 Project Update and Time Extension Request indicates an excavating service confirmed that the USTs are filled with pea gravel (August 2019). The excavating service also determined that only one of the two USTs can be removed without compromising the existing building. The Unauthorized Release Form indicates the owner plans to remove one of the USTs and slurry fill in-place the UST located beneath the building. The site is an automotive repair facility.

Ventura City Fire Department (1 case)

26. Cardlock Fuels System Incorporated

4480 Dupont Court, Ventura

Substance: Gasoline, Diesel

Source: Tank

The release was discovered when six (6) USTs were removed April 2019. The highest concentrations of petroleum constituents were detected in grab groundwater samples collected from the tank pit. The City of Ventura Fire Department transferred the case to the Regional Board (May 2019). Four (4) groundwater monitoring wells were installed (September 2019). A sheen was noted in one of the wells, but petroleum constituents were not detected in groundwater samples. The October 2019 Well Installation Report indicates the groundwater sample collected from the tank pit immediately following UST removal activities is suspected of being partially mixed with water released from one or more tanks during or after washing activities. The site is paved and improvements include a small office building and canopy.

Yolo County Environmental Health Division (1 case)

27. Raleys West Sacramento

1601 West Capitol Ave, West Sacramento

Substance: Gasoline, Diesel, Waste Oil

Source: Unknown

The release was discovered when petroleum hydrocarbons were detected in soil and groundwater during a Phase II ESA (February 2019). The March 2019 Phase II ESA Report indicates soil gas samples were also collected (January 2019); petroleum

constituents were not detected in soil gas, but chlorinated solvents were detected above screening limits. A Work Plan for Additional Site Investigation proposing exploratory excavation to evaluate potential for remnant USTs, indoor air sampling, and additional soil, groundwater, and soil gas sampling was submitted (June 2019) and approved (July 2019). The site is currently a supermarket with a large parking lot.

New LUST Case (Old Release, Old Discovery) - 3 cases

Los Angeles County Department of Public Works (3 cases)

28. Adolf's Auto Repair **4601 Imperial Hwy W, Inglewood**

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

The release was discovered when petroleum constituents were detected in soil during the removal of two (2) USTs (August 2017). The September 2017 Tank Closure Report indicates one of the USTs was extremely corroded and could not be removed from the excavation in one piece. Los Angeles County DPW referred the case to the Regional Board (April 2019). Two (2) directives requesting additional information issued by the Regional Board (April 2019 and October 2019) do not appear to have received a response. The site is currently an automotive repair facility.

29. Colker's Union Oil LLC **427 Crescent Dr N, Beverly Hills**

Substance: Waste Oil **Source: Tank, Piping**

The release was discovered when one (1) waste oil UST was removed (April 2018). The May 2018 Underground Waste Oil Tank Closure Report indicates the highest concentrations of petroleum constituents were detected in soil samples collected beneath the tank. Los Angeles County DPW referred the case to the Regional Board (June 2019). Two (2) directives requesting additional information issued by the Regional Board (June 2019 and October 2019) do not appear to have received a response. The site remains an active fueling facility.

30. Paramount Station, Inc. **6602 Alondra Blvd, Paramount**

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

The release was discovered when four (4) USTs were removed (January 2000). The UST Removal Report submitted to Los Angeles County DPW (July 2000) indicates petroleum constituents were detected in soil samples collected beneath the gasoline and diesel tanks. Los Angeles County DPW referred the case to the Regional Board (January 2019). A directive requesting additional information issued by the Regional Board (March 2019) does not appear to have received a response. The site remains an active fueling 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 2019 Semi-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