



Statewide UST Numbers*

Number of USTs	37,439
Number of UST Facilities	13,490
Storage Capacity (gallons)	412,806,263

Statewide number of USTs and storage capacity are underreported here (242 UST facilities in CERS lack tank-specific information)

CERS Implementation (Page 2)

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

Use / Contents	USTs	Capacity (gal)
Motor Vehicle, Gasoline	24,343	291,979,705
Motor Vehicle, Diesel	8,692	89,626,556
Motor Vehicle, Racing fuel	48	343,900
Generator, Diesel	2,090	18,935,434
Other, Diesel	180	2,187,724
Waste Oil	928	984,451
Chemicals or Haz Waste	296	1,650,956
Jet Fuel or Aviation Gas	242	3,658,466
Marina Fueling	128	1,147,697
Other	492	2,291,374

UPAs Approved for Paperless Reporting	74/89
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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 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 State Water Board and USEPA. Please reference Appendix B for the list of priority violations.

Routine Inspections (January – June 2022)	7,031
Priority Violations	8,714
% Inspected UST Facilities with Priority Violations	52.3%
% UST Facilities with Priority Violations (All RTC)	51.6%

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. Releases may also have occurred (at operating facilities) prior to current UST regulations.

Releases Reported (Total)	26
Releases Reported (Operating UST Facilities)	4
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)	2,128
Facilities with SW USTs (tanks or piping)	807
% of Statewide UST Systems (SW)	5.7%
% of Statewide UST Facilities (SW)	6.0%
SW UST Facilities with unresolved priority violation(s) in past 18 months	257

CALIFORNIA UNDERGROUND STORAGE TANK (UST) LEAK PREVENTION

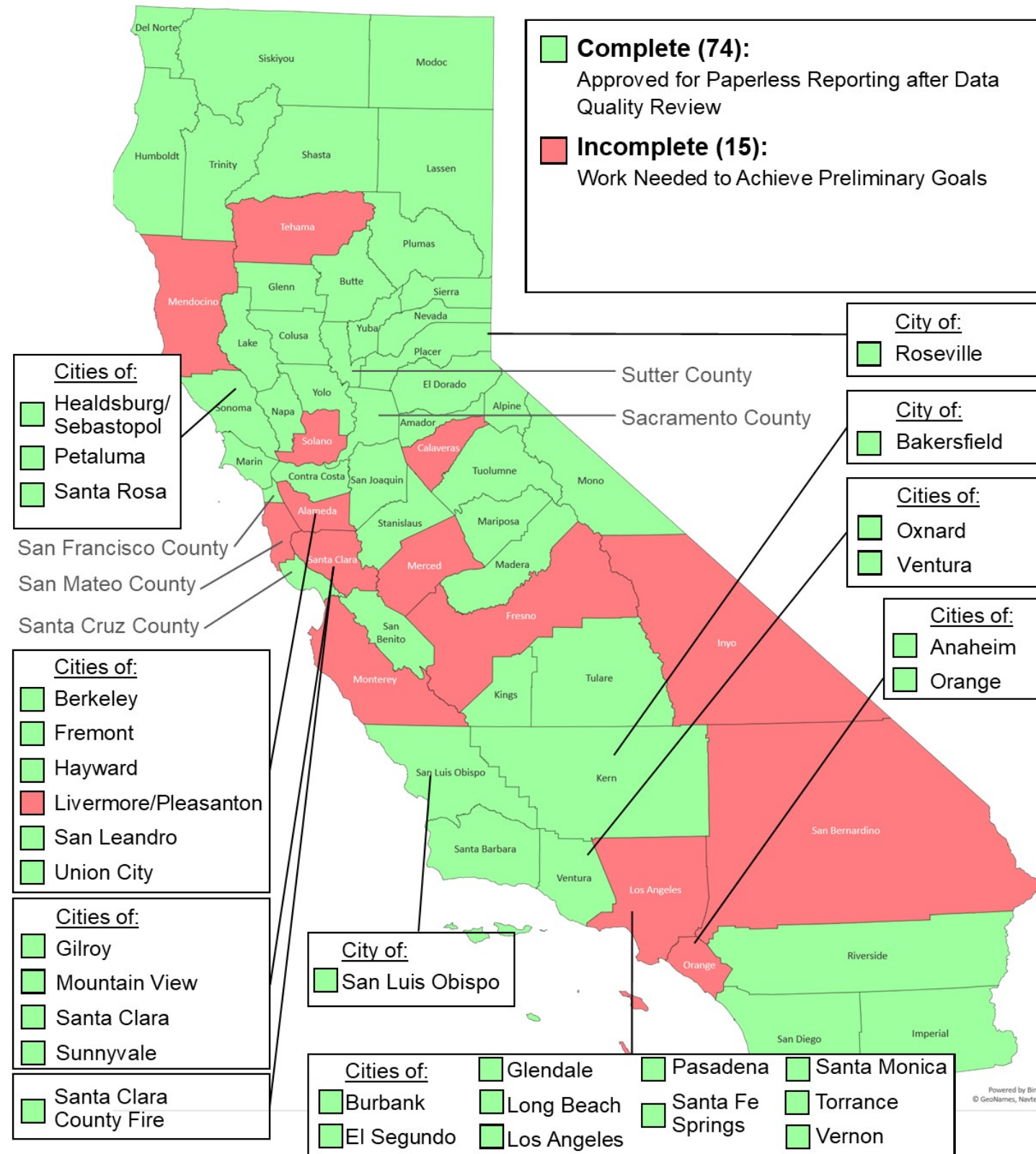
JANUARY – JUNE 2022 SEMI-ANNUAL REPORT

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 2022. Data sources were collected on October 3, 2022, 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 Tom Henderson at tom.henderson@waterboards.ca.gov for more information.

CERS Implementation by Unified Program Agency (UPA)



*CERS data queried October 3, 2022

- 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 an inspection record from the prior 36 months in CERS;
 - (3) >98% of UST facilities, or all but 1, have basic tank information in CERS

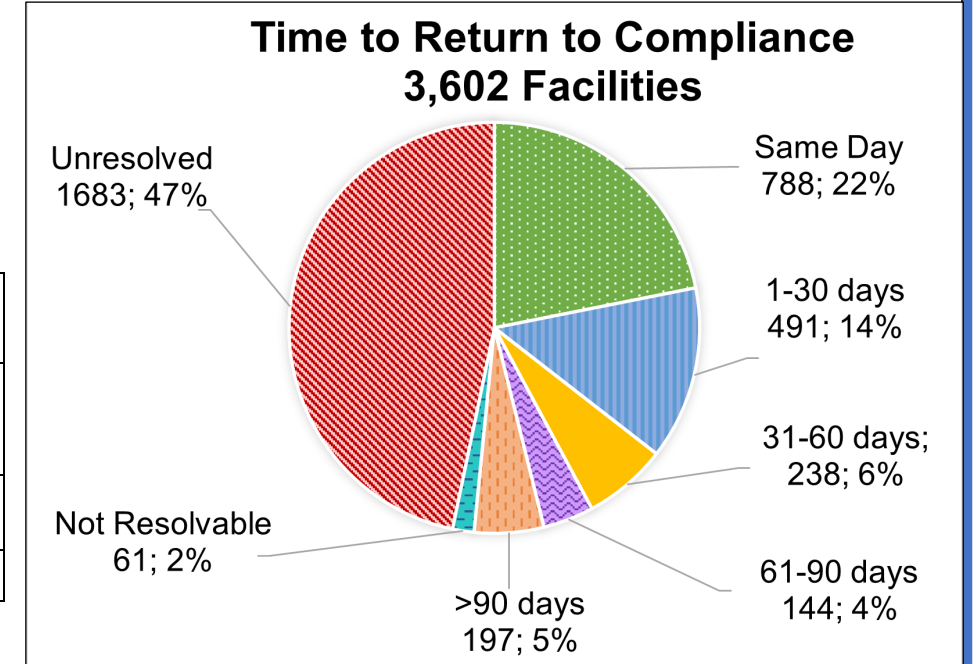
UST Violations and Return to Compliance

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 2022, UPAs cited one or more priority violations at 41.2% (3,602 of 8,740) of all UST facilities inspected. By October 3, 2022, 51.6% of these facilities (1,858 of 3,602) had returned to compliance.

Number of Facilities with a Routine Inspection	6,890
Number of Additional Routine Inspections reported in a 6- month period	141
Number of Facilities with Priority Violations	3,602
Average Time to RTC*	38 days

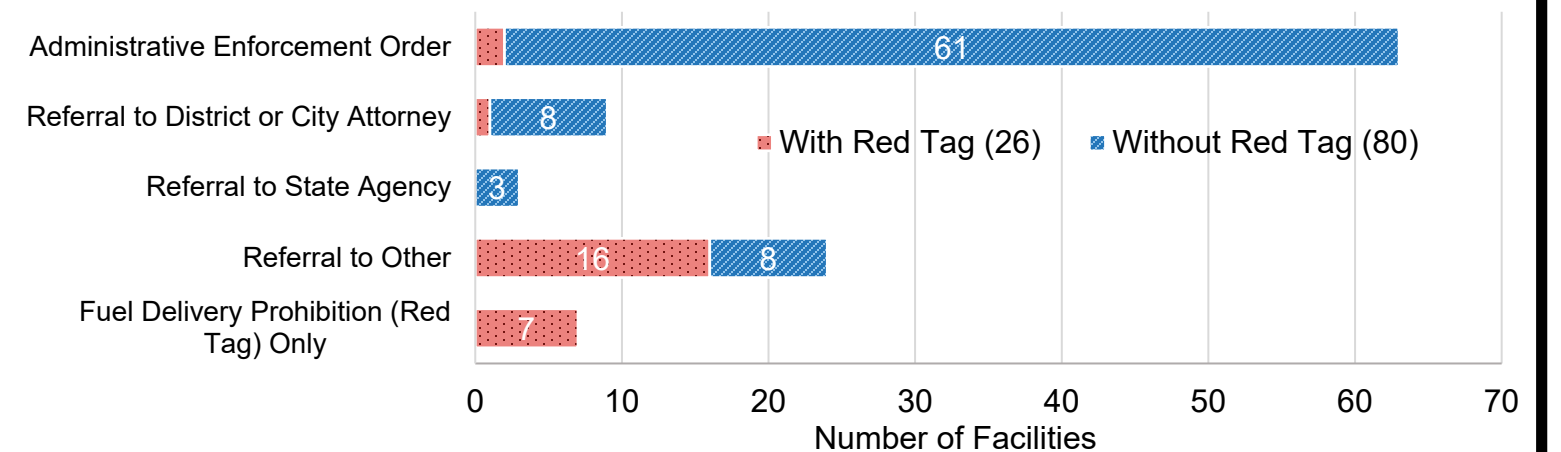
*Per Violation, not including RTC at the time of inspection (same day RTC)



Most Cited Violations between January – June 2022

Violation Name	CERS Violation Type Number	Total # of Citations	# UPAs Citing Violation	% RTC by October 2022
Overfill Prevention (failure to comply with equipment requirements for fuel deliveries)	2030036	1455	63	33%
Designated Operator Monthly Inspections (failure to conduct monthly inspection)	2030013	1215	58	40%
Spill Container (not meeting maintenance/testing requirements)	2060020	929	72	55%
Monitoring Equipment (improper installation, calibration, operation, or maintenance)	2030043	596	62	60%
Secondary Containment (failure to maintain)	2030047	527	60	29%

Enforcement Actions Initiated at 106 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 2022	Formal Enforcements Initiated
Burbank Fire Department	42%	27	2	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
San Benito County Health Department	55%	12	2	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Sierra County Human Services Department	20%	1	13	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Union City Environmental Programs	61%	14	5	3	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Monterey County Health Department	49%	156	162	29	1 (3%)	1 (3%)	1 (3%)	1 (3%)	1 (3%)	0
Fresno County Department of Public Health	45%	188	154	87	4 (5%)	5 (6%)	5 (6%)	5 (6%)	6 (7%)	0
Los Angeles County Department of Public Works	47%	707	2435	416	3 (1%)	33 (8%)	48 (12%)	58 (14%)	66 (16%)	8
Kern County Environmental Health Services	54%	154	182	82	6 (7%)	8 (10%)	14 (17%)	15 (18%)	16 (20%)	1
Del Norte Environmental Health Division	45%	6	7	5	0 (0%)	0 (0%)	0 (0%)	1 (20%)	1 (20%)	0
Mountain View Fire Department	40%	10	7	5	0 (0%)	1 (20%)	1 (20%)	1 (20%)	1 (20%)	0
Santa Monica Fire Department	74%	25	38	19	2 (11%)	4 (21%)	4 (21%)	4 (21%)	4 (21%)	0
Hayward City Fire Department	52%	44	44	19	3 (16%)	5 (26%)	5 (26%)	5 (26%)	5 (26%)	0
Santa Clara County Environmental Health	51%	196	399	160	20 (13%)	37 (23%)	40 (25%)	43 (27%)	47 (29%)	2
Tulare County Environmental Health	45%	123	181	85	14 (16%)	18 (21%)	21 (25%)	23 (27%)	25 (29%)	2
Bakersfield City Fire Department	40%	70	45	32	2 (6%)	6 (19%)	8 (25%)	10 (31%)	24 (75%)	0
Long Beach Environmental Health	52%	74	35	21	4 (19%)	6 (29%)	6 (29%)	7 (33%)	11 (52%)	1
Ventura City Fire Department	59%	29	14	6	2 (33%)	2 (33%)	2 (33%)	2 (33%)	2 (33%)	0
Solano County Environmental Health	51%	97	47	30	5 (17%)	9 (30%)	10 (33%)	11 (37%)	11 (37%)	2
Santa Clara City Fire Department	56%	35	32	19	4 (21%)	6 (32%)	7 (37%)	7 (37%)	8 (42%)	0
Orange City Fire Department	66%	48	32	23	5 (22%)	6 (26%)	9 (39%)	9 (39%)	12 (52%)	0
Tehama County Environmental Health	14%	6	10	5	2 (40%)	2 (40%)	2 (40%)	2 (40%)	2 (40%)	0
Los Angeles City Fire Department	53%	656	879	345	73 (21%)	112 (32%)	132 (38%)	143 (41%)	163 (47%)	57
Mendocino County Environmental Health	58%	39	32	19	7 (37%)	8 (42%)	8 (42%)	8 (42%)	8 (42%)	0
Contra Costa County Health Services Department	51%	202	159	99	27 (27%)	34 (34%)	40 (40%)	42 (42%)	44 (44%)	1
Orange County Environmental Health	49%	371	270	175	36 (21%)	52 (30%)	65 (37%)	75 (43%)	95 (54%)	1
Sunnyvale Department of Public Safety	44%	18	13	7	1 (14%)	1 (14%)	1 (14%)	3 (43%)	3 (43%)	0
Santa Cruz County Environmental Health	38%	44	26	16	3 (19%)	7 (44%)	7 (44%)	7 (44%)	8 (50%)	0
San Francisco City & County Public Health	51%	117	74	54	6 (11%)	17 (31%)	22 (41%)	24 (44%)	25 (46%)	0
Alameda County Environmental Health	53%	131	222	88	17 (19%)	27 (31%)	34 (39%)	40 (45%)	46 (52%)	0
Stanislaus County Environmental Resources	40%	86	56	33	7 (21%)	11 (33%)	12 (36%)	15 (45%)	16 (48%)	0
Santa Fe Springs Fire-Rescue	57%	17	28	13	3 (23%)	5 (38%)	6 (46%)	6 (46%)	6 (46%)	0
Sacramento County Environmental Management	57%	277	350	171	43 (25%)	68 (40%)	77 (45%)	83 (49%)	89 (52%)	3
Healdsburg/Sebastopol JPA	36%	5	4	2	1 (50%)	1 (50%)	1 (50%)	1 (50%)	1 (50%)	0
Lake County Environmental Health	50%	16	13	8	4 (50%)	4 (50%)	4 (50%)	4 (50%)	4 (50%)	0
Marin County Dept of Public Works, Waste Mgmt,	30%	26	15	10	4 (40%)	5 (50%)	5 (50%)	5 (50%)	6 (60%)	0
Mariposa County Public Health Department	12%	4	3	2	1 (50%)	1 (50%)	1 (50%)	1 (50%)	1 (50%)	0
Pasadena Fire Department	45%	25	7	6	1 (17%)	2 (33%)	2 (33%)	3 (50%)	5 (83%)	0
San Luis Obispo City Fire Department	61%	14	15	8	0 (0%)	2 (25%)	3 (38%)	4 (50%)	6 (75%)	0
Santa Clara County Fire Department	35%	22	16	10	4 (40%)	5 (50%)	5 (50%)	5 (50%)	6 (60%)	0
Torrance Fire Department	30%	16	4	4	2 (50%)	2 (50%)	2 (50%)	2 (50%)	2 (50%)	0
Tuolumne County Environmental Health	48%	16	7	6	0 (0%)	3 (50%)	3 (50%)	3 (50%)	3 (50%)	0
Vernon Health & Environmental Control	63%	15	8	6	1 (17%)	1 (17%)	1 (17%)	3 (50%)	3 (50%)	0
San Mateo County Environmental Health	52%	140	124	68	10 (15%)	25 (37%)	30 (44%)	35 (51%)	45 (66%)	0
Sonoma County Fire Prevention and Hazmat	51%	39	24	21	7 (33%)	8 (38%)	9 (43%)	11 (52%)	15 (71%)	0
Madera County Environmental Health	54%	42	79	34	8 (24%)	17 (50%)	17 (50%)	18 (53%)	18 (53%)	0
Statewide Totals	64%	8909	8714	3602	788 (22%)	1279 (36%)	1517 (42%)	1661 (46%)	1858 (52%)	105

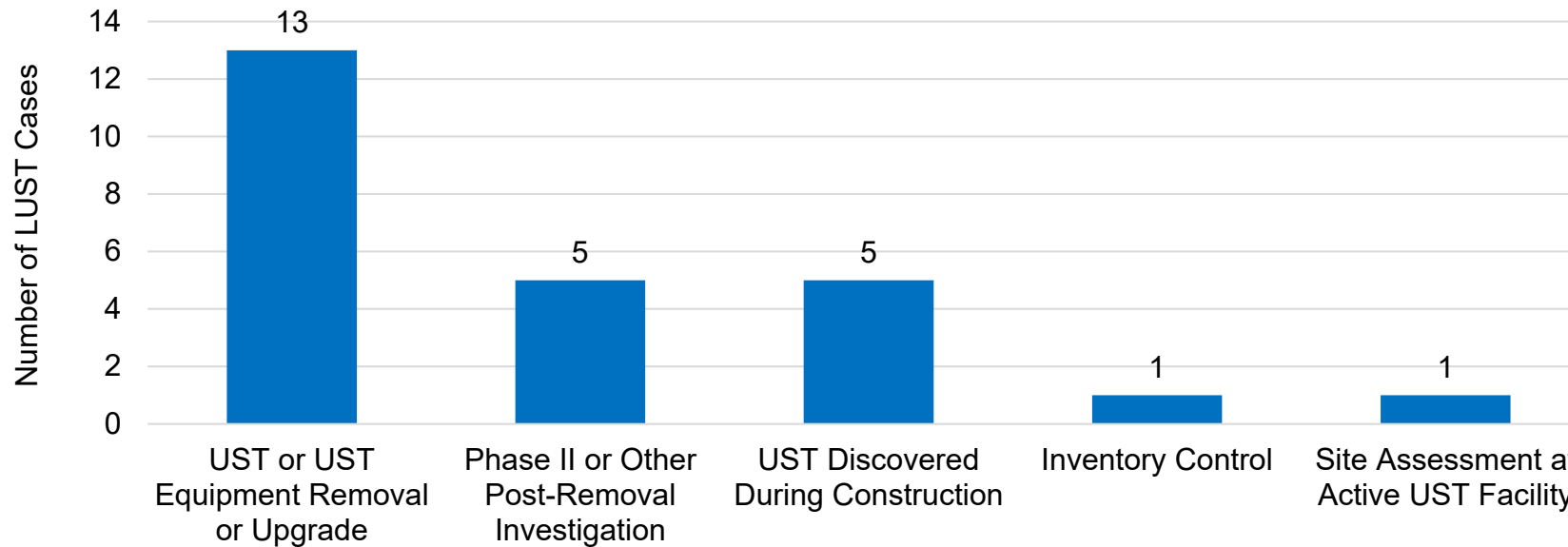
Return to Compliance by UPA, Sorted by % Facilities Return to Compliance 90 Days after Inspection (page 2 of 2)

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 2022	Formal Enforcements Initiated
Humboldt County Division of Environmental Health	54%	40	36	20	6 (30%)	8 (40%)	11 (55%)	11 (55%)	12 (60%)	0
Mono County Health Department	48%	10	21	9	3 (33%)	4 (44%)	4 (44%)	5 (56%)	7 (78%)	0
San Joaquin County Environmental Health	63%	167	251	122	27 (22%)	63 (52%)	66 (54%)	68 (56%)	76 (62%)	1
Siskiyou County Community Development	37%	11	11	7	2 (29%)	3 (43%)	4 (57%)	4 (57%)	5 (71%)	0
San Bernardino County Fire Department	56%	471	350	218	56 (26%)	84 (39%)	105 (48%)	125 (57%)	135 (62%)	7
Imperial CUPA - DTSC	54%	42	123	37	7 (19%)	14 (38%)	20 (54%)	22 (59%)	24 (65%)	0
Butte County Environmental Health	54%	56	100	42	19 (45%)	23 (55%)	24 (57%)	26 (62%)	28 (67%)	0
Plumas County Environmental Health	53%	10	22	8	3 (38%)	3 (38%)	5 (63%)	5 (63%)	5 (63%)	0
Riverside County Department of Environmental	52%	366	409	226	56 (25%)	96 (42%)	128 (57%)	143 (63%)	167 (74%)	10
Merced County Environmental Health	43%	53	60	33	10 (30%)	18 (55%)	20 (61%)	21 (64%)	23 (70%)	2
Glendale City Fire Department	62%	36	26	14	4 (29%)	7 (50%)	8 (57%)	9 (64%)	9 (64%)	0
El Segundo City Fire Department	62%	13	6	3	0 (0%)	1 (33%)	2 (67%)	2 (67%)	3 (100%)	0
Inyo County Department of Environmental Health	44%	11	7	6	3 (50%)	3 (50%)	4 (67%)	4 (67%)	4 (67%)	1
Nevada County Environmental Health	51%	18	17	6	3 (50%)	3 (50%)	4 (67%)	4 (67%)	5 (83%)	0
Oxnard Fire Department	46%	22	6	6	2 (33%)	4 (67%)	4 (67%)	4 (67%)	4 (67%)	0
Sutter County Environmental Health	75%	30	15	10	5 (50%)	6 (60%)	6 (60%)	7 (70%)	7 (70%)	0
Colusa County Health and Human Services	72%	13	30	7	2 (29%)	4 (57%)	4 (57%)	5 (71%)	6 (86%)	0
Shasta County Environmental Health	56%	67	113	56	22 (39%)	33 (59%)	37 (66%)	40 (71%)	42 (75%)	1
Yuba County Environmental Health Department	47%	21	19	11	4 (36%)	6 (55%)	8 (73%)	8 (73%)	8 (73%)	0
Berkeley City Toxics Management Division	43%	14	4	4	0 (0%)	2 (50%)	2 (50%)	3 (75%)	3 (75%)	0
Glenn County Air Pollution Control District	59%	10	5	4	0 (0%)	0 (0%)	2 (50%)	3 (75%)	3 (75%)	1
Kings County Environmental Health	39%	35	20	16	7 (44%)	9 (56%)	11 (69%)	12 (75%)	13 (81%)	0
San Leandro City	44%	21	4	4	2 (50%)	3 (75%)	3 (75%)	3 (75%)	3 (75%)	0
Yolo County Environmental Health	54%	50	26	16	7 (44%)	9 (56%)	11 (69%)	12 (75%)	14 (88%)	0
San Diego County Department of Environmental	55%	531	277	190	89 (47%)	133 (70%)	141 (74%)	143 (75%)	152 (80%)	3
Santa Barbara County Environmental Health	61%	88	47	31	8 (26%)	19 (61%)	23 (74%)	24 (77%)	25 (81%)	0
Fremont City Fire Department	54%	32	43	23	4 (17%)	9 (39%)	16 (70%)	18 (78%)	20 (87%)	0
Roseville City Fire Department	54%	27	18	10	4 (40%)	7 (70%)	7 (70%)	8 (80%)	10 (100%)	0
El Dorado County Environmental Management	37%	30	24	17	10 (59%)	14 (82%)	14 (82%)	14 (82%)	15 (88%)	1
Anaheim City Fire Department	57%	66	22	18	8 (44%)	10 (56%)	14 (78%)	15 (83%)	15 (83%)	0
San Luis Obispo County Environmental Health	70%	69	113	54	15 (28%)	30 (56%)	44 (81%)	45 (83%)	48 (89%)	0
Ventura County Environmental Health	56%	90	68	41	20 (49%)	31 (76%)	33 (80%)	35 (85%)	35 (85%)	0
Napa County Department of Environmental	73%	33	29	21	8 (38%)	12 (57%)	16 (76%)	18 (86%)	19 (90%)	0
Petaluma City Fire Department	74%	15	8	7	3 (43%)	5 (71%)	6 (86%)	6 (86%)	6 (86%)	0
Placer County Environmental Health	48%	44	91	35	17 (49%)	24 (69%)	26 (74%)	30 (86%)	32 (91%)	0
Santa Rosa City Fire Department	48%	27	19	15	9 (60%)	12 (80%)	14 (93%)	14 (93%)	15 (100%)	0
Alpine County Health Department	0%	0	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Amador County Environmental Health	15%	4	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Calaveras County Environmental Health	10%	3	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Fullerton City Fire Department	0%	0	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Gilroy City Fire Department	41%	11	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Lassen County Environmental Health	40%	6	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Livermore-Pleasanton FD	8%	6	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Modoc County Environmental Health	0%	0	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Trinity County - DTSC	33%	2	0	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Statewide Totals	50%	7031	8714	3602	788 (22%)	1279 (36%)	1517 (42%)	1661 (46%)	1858 (52%)	105

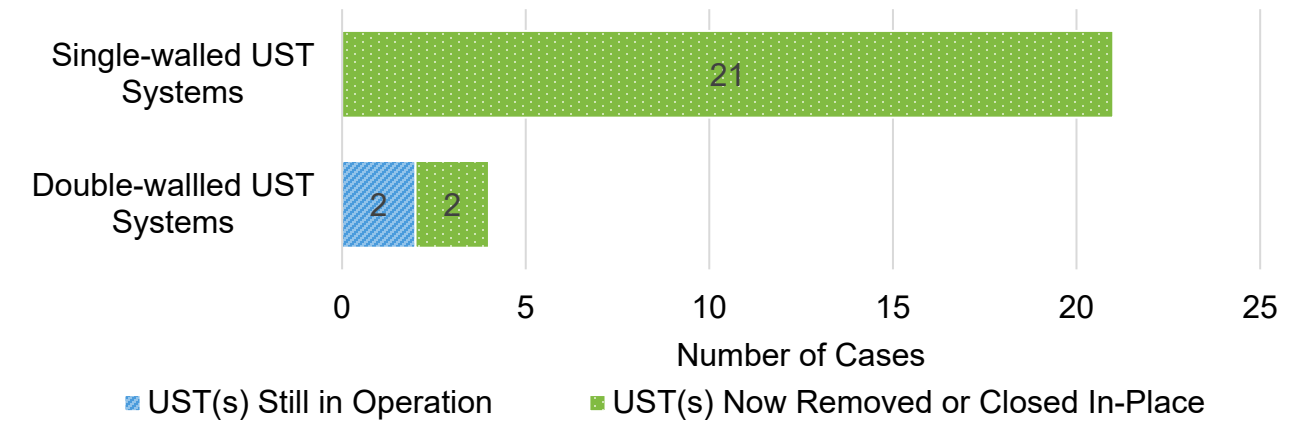
New Leaking Underground Storage Tank Cleanup Cases

GeoTracker leaking UST (LUST) data indicates that 25 new petroleum UST cleanup cases were opened, based on releases reported by UST owners, operators, and regulators between January and June 2022.

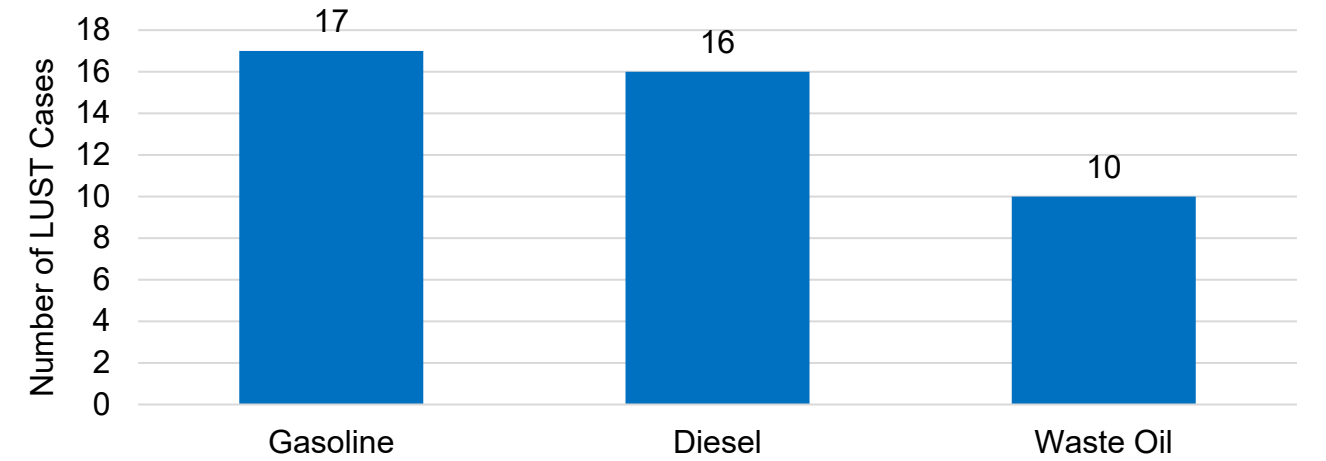
How Release was Discovered



Construction Type & Status of UST Systems with a Release

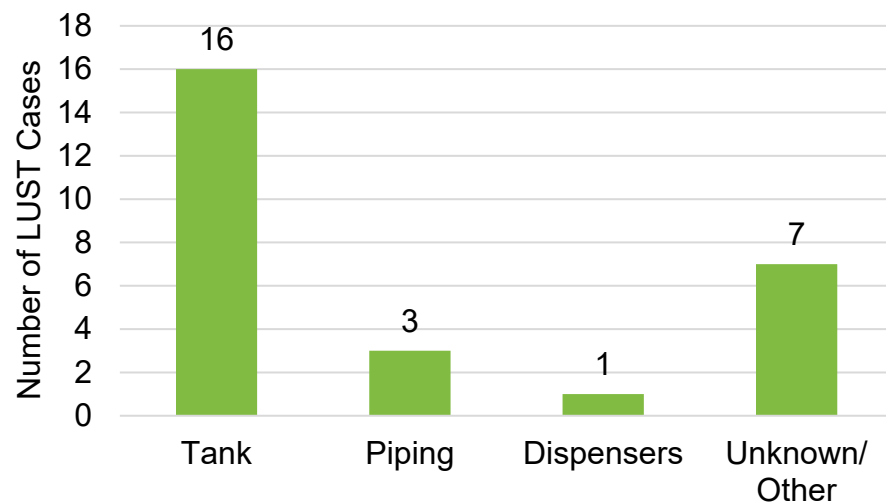


Substance Released



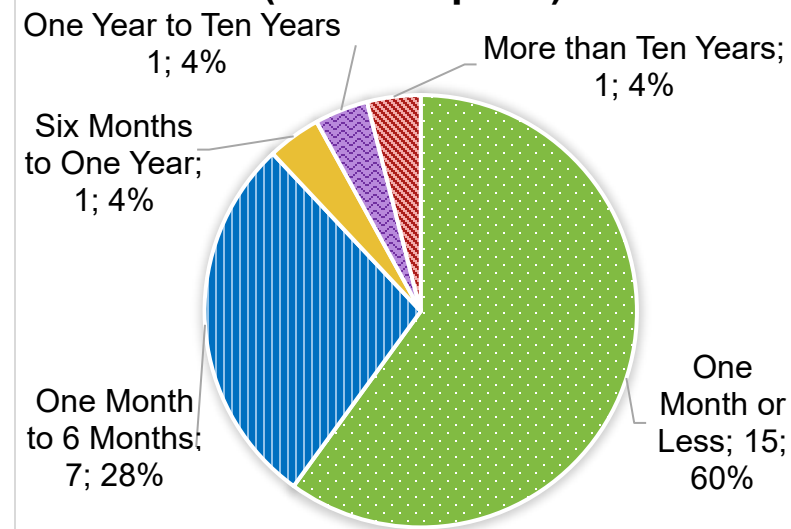
Note: In some cases, more than one substance was identified. Therefore, the total number for this chart does not reflect the total number of cases.

Source of Release

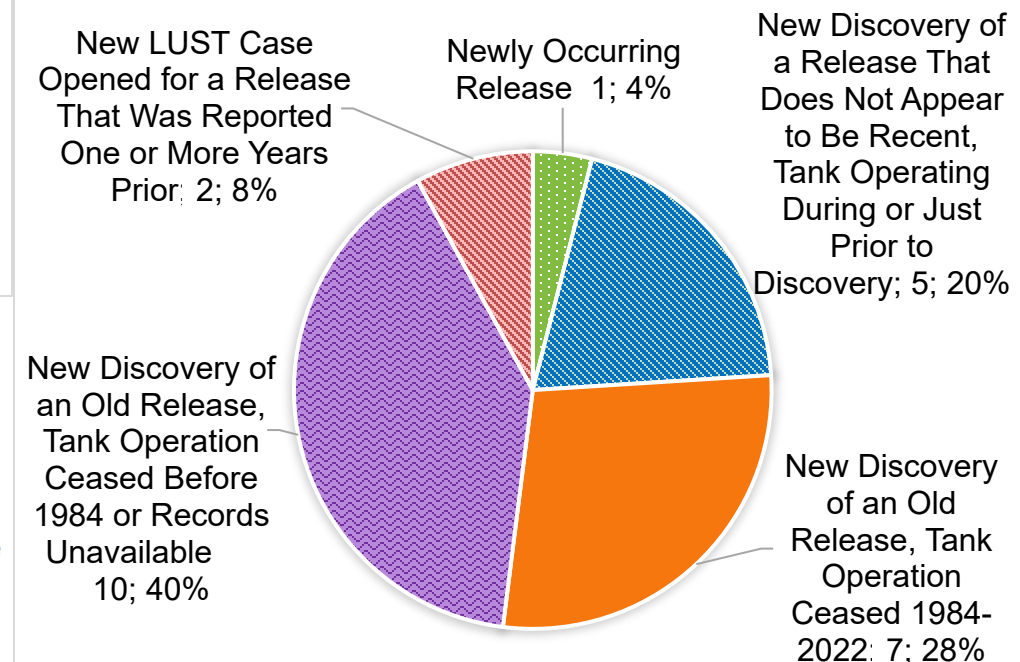


Note: In some cases, more than one component of the UST system is identified as the source. Therefore, the total number for this chart does not reflect the total number of cases.

Release Report to LUST Case (Time Elapsed)



What's "New" About the Release



Please Reference Appendix A for Details on Individual Releases

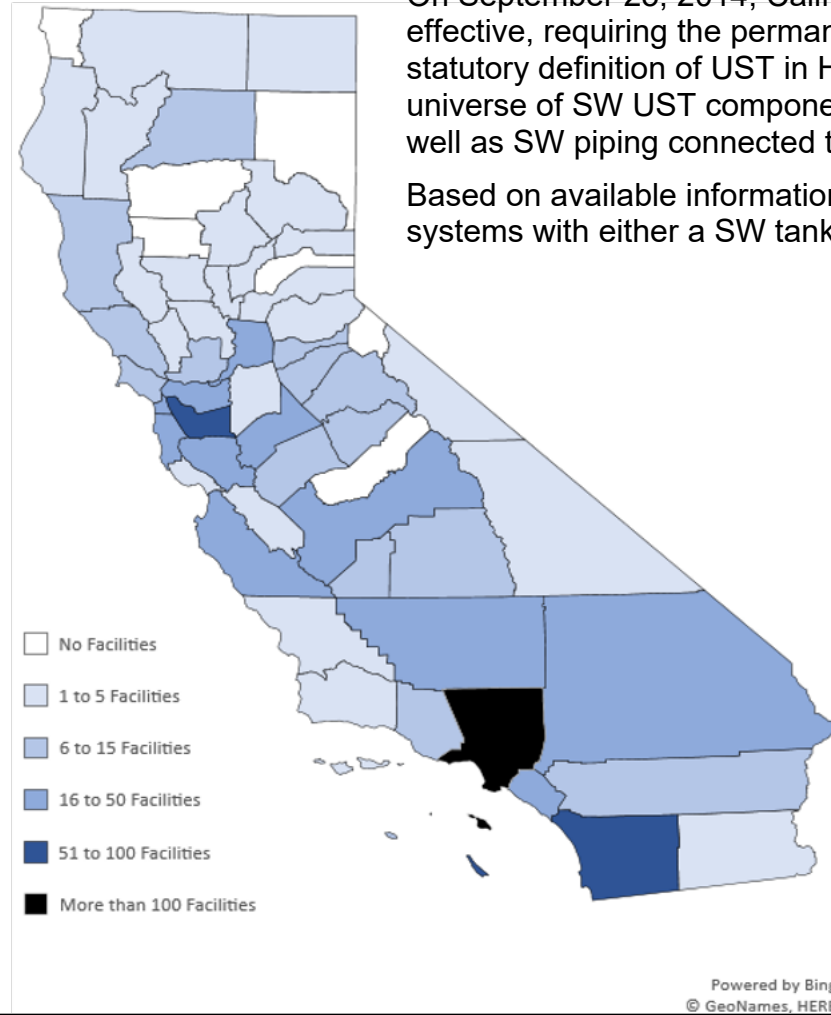
7.8%

DW UST Closures or Upgrades Resulting in Discovery of a Release (66/840) Facilities Since January 1, 2017)

23.6%

SW UST Closures or Upgrades Resulting in Discovery of a Release (146/618) 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.

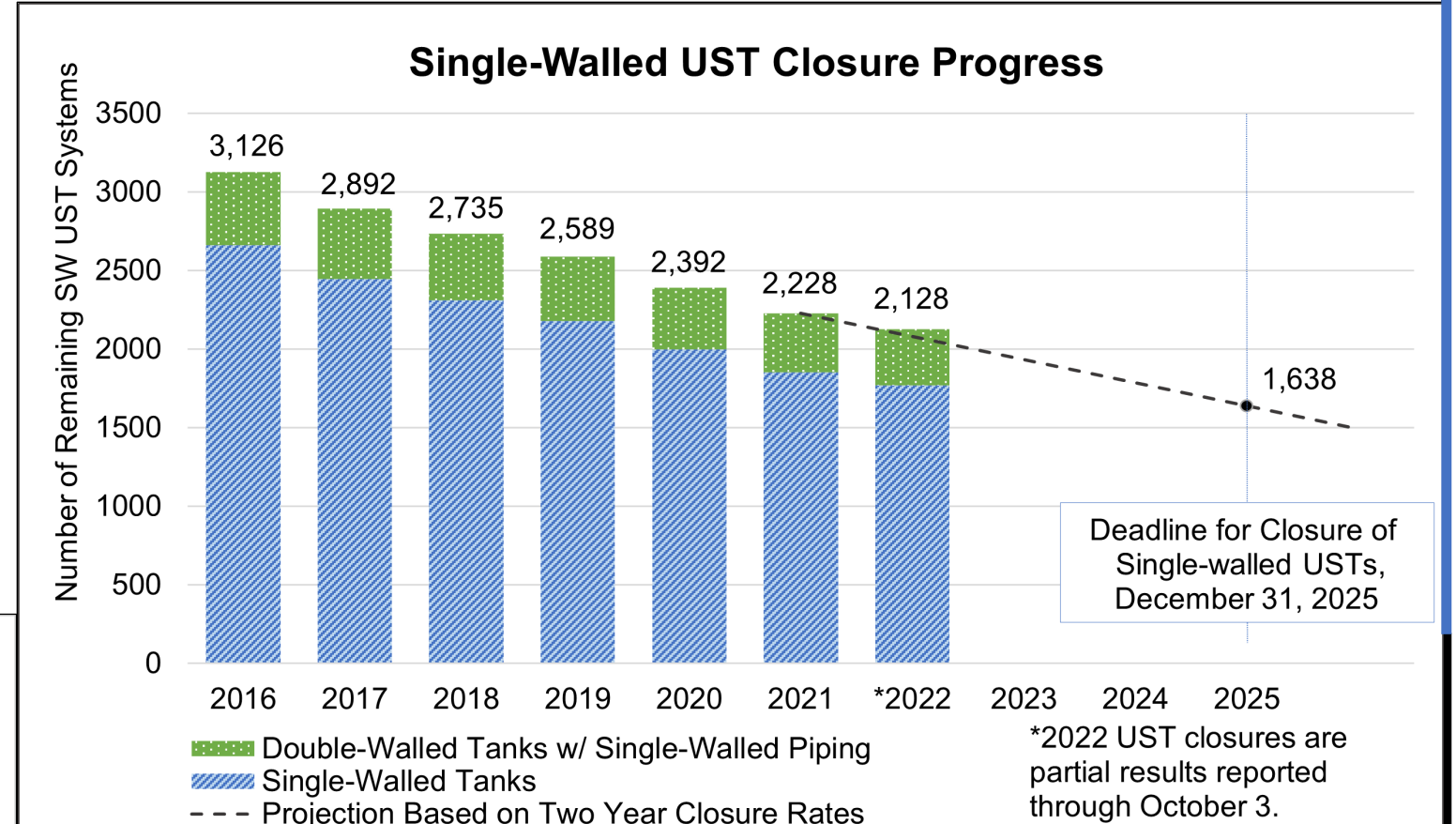
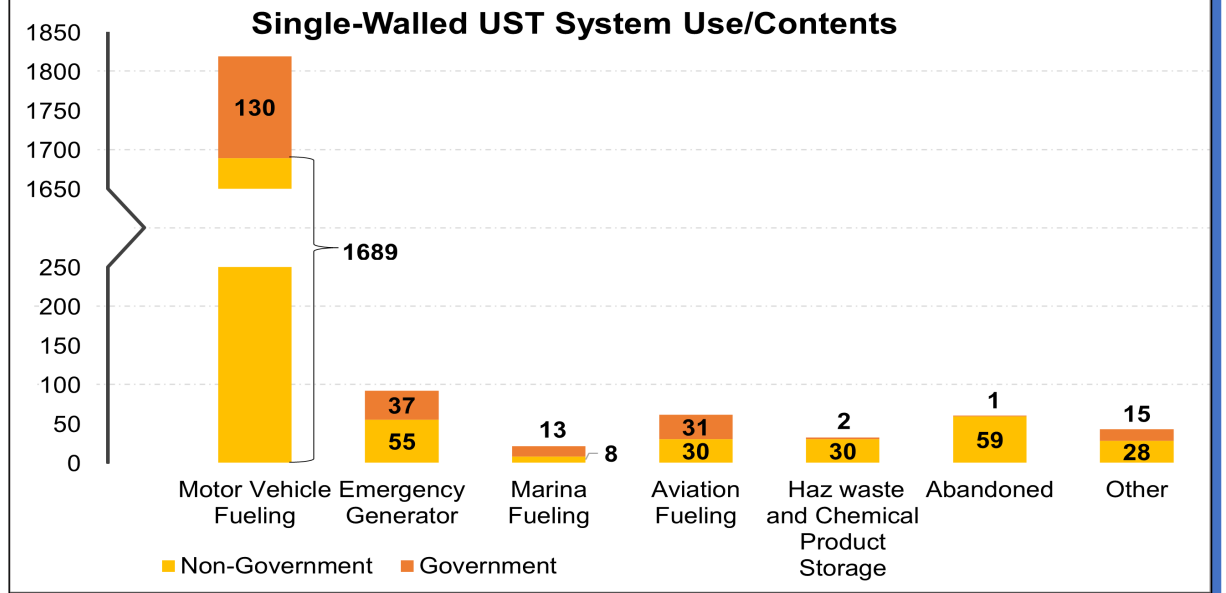
Based on available information in CERS as of October 3, 2022, California has a total of 2,128 UST systems with either a SW tank or SW piping remaining at 812 facilities.

	SW Tank	DW Tank SW Piping	Total
USTs	1,770	358	2,128
Facilities	639	173	807

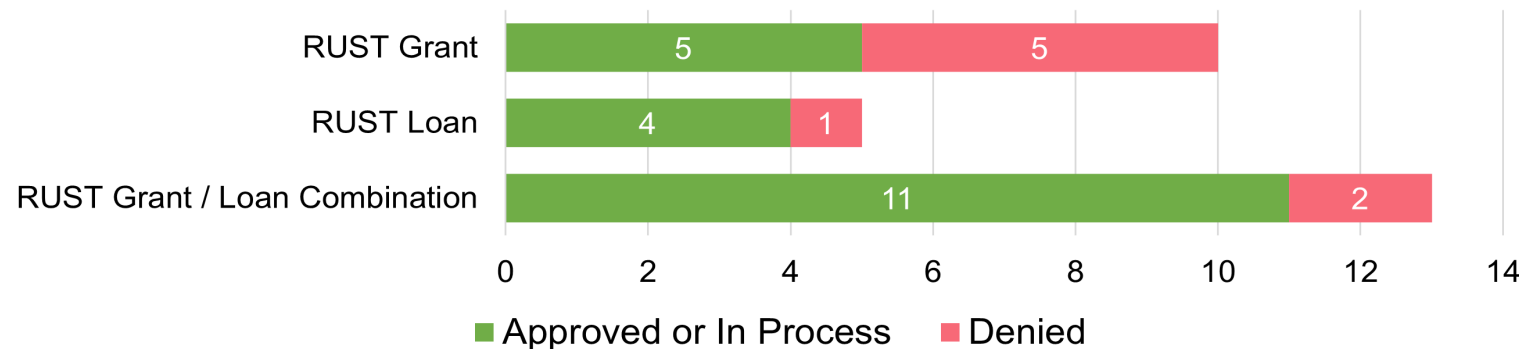
Total Facilities (807) is less than sum of SW Tank and DW Tank SW Piping (812) because some of the facilities have both types of systems.

Year	SW Tanks	DW Tanks SW Piping	Total
2017	211	24	235
2018	129	32	161
2019	140	31	171
2020	170	20	190
2021	116	13	129
2022	14	5	19

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



RUST Applications for Single-Walled UST Closure



Between January 2022 and June 2022, 28 RUST applications for SWT closure were submitted. This chart does not show additional RUST applications unrelated to SWT closure.

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.

42% of single-walled UST Facilities have Unresolved Priority Violations
Facilities with unresolved violations are not eligible for RUST funding assistance.
(338/807 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	73	18	187	145	42
Los Angeles County Department of Public Works	68	6	185	159	26
San Diego County Department of Environmental Health and Quality	57	4	160	116	44
Contra Costa County Health Services Department	48	33	125	105	20
Alameda County Environmental Health	45	14	125	121	4
San Mateo County Environmental Health	39	26	95	82	13
San Francisco City & County Public Health Department	38	24	78	74	4
Orange County Environmental Health	35	8	92	82	10
Fresno County Department of Public Health	24	2	75	58	17
San Bernardino County Fire Department	23	8	61	47	14
Kern County Environmental Health Services Department	22	16	62	59	3
Stanislaus County Environmental Resources	20	22	71	71	0
Monterey County Health Department	18	0	52	49	3
Sacramento County Environmental Management Department	18	4	43	30	13
Riverside County Department of Environmental Health	14	1	40	16	24
Merced County Environmental Health	14	0	34	21	13
Santa Clara County Environmental Health	14	0	31	24	7
Bakersfield City Fire Department	13	13	32	27	5
Amador County Environmental Health	12	2	37	28	9
Marin County Dept of Public Works, Waste Mgmt, CUP	12	2	29	26	3
Shasta County Environmental Health	11	0	34	26	8
Solano County Environmental Health	11	0	25	11	14
Calaveras County Environmental Health	9	0	27	27	0
Santa Clara County Fire Department	8	3	23	23	0
Mendocino County Environmental Health	8	0	22	19	3
Mariposa County Public Health Department	8	1	14	7	7
Ventura County Environmental Health	7	1	19	16	3
Kings County Environmental Health	7	0	16	16	0
Tulare County Environmental Health	6	2	16	11	5
Tuolumne County Environmental Health	6	0	11	7	4
Humboldt County Division of Environmental Health	5	4	14	14	0
Hayward City Fire Department	5	0	13	12	1
Ventura City Fire Department	5	0	13	13	0
Santa Barbara County Environmental Health Services	5	3	9	8	1
San Luis Obispo County Environmental Health	5	0	7	5	2
Plumas County Environmental Health	4	2	14	14	0
Livermore-Pleasanton FD	4	0	13	10	3
Santa Cruz County Environmental Health	4	3	12	12	0
Butte County Environmental Health	4	0	11	10	1
Long Beach Environmental Health	4	0	11	8	3
Anaheim City Fire Department	4	0	9	7	2
Imperial CUPA - DTSC	4	4	9	9	0
San Leandro City	4	1	9	7	2
Sonoma County Fire Prevention and Hazmat	4	3	9	9	0
Sunnyvale Department of Public Safety	4	0	9	6	3
Total	807	257	2128	1770	358

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
Santa Clara City Fire Department	4	3	8	7	1
Berkeley City Toxics Management Division	3	4	9	9	0
Burbank Fire Department	3	2	7	6	1
Lake County Environmental Health	3	3	7	7	0
Orange City Fire Department	3	0	7	7	0
Yuba County Environmental Health Department	2	1	11	8	3
Sierra County Human Services Department	2	0	7	7	0
Colusa County Health and Human Services	2	0	6	6	0
El Dorado County Environmental Management	2	0	6	6	0
Inyo County Department of Environmental Health Services	2	0	6	6	0
Placer County Environmental Health	2	2	6	6	0
Roseville City Fire Department	2	2	6	6	0
Torrance Fire Department	2	3	6	6	0
Vernon Health & Environmental Control Department	2	0	6	0	6
Pasadena Fire Department	2	0	5	3	2
San Joaquin County Environmental Health	2	0	2	0	2
Yolo County Environmental Health	1	1	5	5	0
Fremont City Fire Department	1	0	4	4	0
San Benito County Health Department	1	0	4	4	0
Gilroy City Fire Department	1	2	3	3	0
Modoc County Environmental Health	1	0	3	3	0
Petaluma City Fire Department	1	2	3	3	0
Santa Monica Fire Department	1	0	3	0	3
El Segundo City Fire Department	1	1	2	2	0
Mountain View Fire Department	1	0	2	2	0
Napa County Department of Environmental Management	1	0	2	2	0
Sutter County Environmental Health	1	1	2	2	0
Trinity County - DTSC	1	0	2	0	2
Mono County Health Department	1	0	1	0	1
Santa Rosa City Fire Department	1	0	1	1	0
Siskiyou County Community Development	1	0	1	0	1
Alpine County Health Department	0	0	0	0	0
Del Norte Environmental Health Division	0	0	0	0	0
Glendale City Fire 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
San Luis Obispo City 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	807	257	2128	1770	358

Appendix A: Confirmed UST Releases, January – June 2022

Throughout California, 25 releases were confirmed and reported from federally regulated petroleum USTs between January and June 2022. 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).

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Newly Occurring Release – 1 case

Sacramento County Environmental Management Department (1 case)

1. BONFARE MARKET (CASE #2)	2600 Rio Linda Blvd, Sacramento
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Substance: Gasoline	Source: Tank
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The release was discovered on January 18, 2022 from a single-walled UST during reconciliation of inventory for a 91-octane gasoline tank. On January 24, 2022, tank testing confirmed that the tank's integrity had been compromised and an estimated 3,805 gallons of gasoline had been released. A public health notice was issued by the County of Sacramento Environmental Management Department. A site assessment workplan was submitted (March 2022) and accepted (April 2022). A preliminary site assessment report was submitted on June 30, 2022. Between April and June 2022, four groundwater monitoring wells and two dual-nested soil vapor extraction wells were installed, soil and groundwater samples were

collected, and a sample was collected from a domestic well. Groundwater monitoring is ongoing and reported quarterly. The site consists of an active fueling facility and convenience store.

New Discoveries (Old Release) – 22 Cases

Alameda County Environmental Health Department (2 cases)

2. 10 Roads Express

2226 Campbell Street, Oakland

Substance: Gasoline/Diesel

Source: Dispense, Tank

The release was discovered after elevated petroleum concentrations were identified in soil and groundwater samples collected when one 10,000-gallon and one 5,000-gallon diesel single-walled USTs were removed in June 2022. Tanks were reported to be in good condition with no visible holes and were reportedly relined in the mid-2000s. Tanks had been out of use for several years. The release was reported to Alameda County Environmental Health June 23, 2022, a staff letter requesting a workplan was issued August 2, 2022, and a Notice of Responsibility was issued August 29, 2022. The requested workplan was submitted in June 2022 and conditionally approved in October 2022.

3. Former Gasoline Service Station

2484 Park Blvd, Oakland

Substance: Gasoline, Diesel

Source: Unknown

The release was discovered when TPHg, TPHd, ethylbenzene, toluene, and naphthalene were detected in soil during a Phase II ESA in April 2022 and reported on May 18, 2022. The site was previously a gasoline station and auto repair shop from 1928 to 1966 and then redeveloped into the current Dave's Grocery & Liquor. Historical aerial photos show a rectangular anomaly approximately 20' x 15' near the former fueling operations likely associated with an abandoned UST. A Phase I ESA was performed before the Phase II however no additional information pertaining to the removal of the USTs from the previous gasoline station was found in the records reviewed. No letters have been issued by the lead agency.

Berkeley Toxics Management Division (1 case)

4. Core Berkeley Bancroft, LLC

2590 Bancroft Way, Berkeley

Substance: Diesel, Waste Oil

Source: Tank

During residential and commercial site construction in April 2022, an approximately 1,000-gallon UST was discovered. The UST appeared to be partially closed in-place, filled with concrete and residual product. The UST was removed June 2022. TPHd was detected in groundwater samples over San Francisco Bay Regional Water Quality Control Board (SF Water Board) environmental screening levels (ESLs). An unauthorized release form was

issued July 29, 2022 and the case was referred to the SF Regional Board. The SF Regional Board sent an email to the RP in August 2022 requesting delineation of contamination. The SF Regional issued a directive staff letter in February 2023 requesting a work plan to delineate contamination by May 2023.

City of Santa Fe Springs Department of Fire-Rescue (2 cases)

5. Former Service Station **11318 Norwalk Bl, Santa Fe Springs**

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

The release was discovered when petroleum constituents were detected soil during a February 2022 Phase II ESA. The site was developed from at least 1928 with various uses, including commercial, auto repair, and a former retail fueling station until 1977. Two former single wall waste oil USTs were identified and removed from the site later in February 2022. Diesel and motor oil constituents were detected in soil and Santa Fe Springs Department of Fire-Rescue referred the case to the Los Angeles Regional Water Quality Control Board (LA Regional Board) who directed the RP to conduct additional assessment. A Remedial Action (soil vapor extraction pilot test) and LTCP Evaluation Report was submitted June 2022. The case was noticed for closure August 8, 2022 and closed November 28, 2022.

6. Los Nietos - WHC LLC **12235 Los Nietos Rd, Santa Fe Springs**

Substance: Unknown **Source: Unknown**

On 1/14/2022, one 1,000-gallon gasoline fuel tank was discovered during a geophysical survey and then removed on April 7, 2022. The unauthorized release report states no discharge was reported. The May 2022 UST Closure Report indicates re was evidence of minor physical damage (holes and corrosion) to the topside of the tank upon removal. Lead, VOCs, and methylene glycol were detected. An Underground Storage Tank Closure report was submitted 5/3/2022. The City of Santa Fe Springs Department of Fire-Rescue referred the Site to the LA Regional BoardRWQCB on 5/23/2022. A request for additional information was issued on 7/5/2022 and a response was received on 8/19/2022 and 9/13/2022. A pre-closure notification was issued on 1/11/2023.

Kern County Environmental Health Division (1 case)

7. Dulai's Minimart Fuels **1915 N Chester Ave, Bakersfield**

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

The release was discovered when one 8,000-gallon gasoline, one 6,000-gallon diesel, and one 5,000-gallon gasoline single-walled tanks and associated piping were removed in April 2022. Upon removal, the tanks appeared to be in good condition with no visible holes; however,

petroleum constituents were detected in soil samples indicating release from both gasoline and diesel USTs. The Kern County Environmental Health Division has referred the case to the Central Valley Water Quality Control Board (Central Valley Regional Board). The Central Valley Regional Board issued a letter in June 2022 requiring a workplan for site assessment and approved such workplan in August 2022. A Site Assessment and Case Closure Request was submitted September 2022. Public notice for case closure was issued October 19, 2022 and the case was closed January 18, 2023.

Kings County Department of Public Health (1 case)

8. Hanford 76 (Former Grangeville Union)	102 West Grangeville Avenue, Hanford
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Substance: Gasoline, Diesel	Source: Piping
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The release was discovered on June 1, 2022, during the removal and replacement of existing under-dispenser containment pans and product piping. Petroleum constituents were detected in soil samples collected beneath the piping tees and Kings County referred the case to the Central Valley Regional Board. On 8/12/2022, the Central Valley Regional Board issued a request for investigation of the release. A preliminary site assessment workplan was submitted and approved September 2022. The Preliminary Site Assessment Report was submitted December 2022 and indicated a recent release occurred at the piping elbow but some gasoline constituent detections may be from a 1989 release in the same location. The Preliminary Site Assessment Report concluded that the vertical and lateral limits of the petroleum-containing soils were fully delineated and the release had not impacted groundwater, recommending no further action. The Central Valley Regional Board concurred with closure on January 1, 2023 and requested a public notice list. The site is an active fueling station that is associated with Robin’s Mini Mart.

Los Angeles City Fire Department (4 cases)

9. 2nd and Broadway Station Site	208 S. Broadway, Los Angeles
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Substance: Diesel, Waste Oil	Source: Tank
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One 1,100-gallon single-walled steel UST containing oily liquid contents was discovered December 2021 during excavation. The February 2022 UST Closure Report indicates corrosion and holes were observed in the UST upon removal January 2022. Additionally, significant hydrocarbon odor and staining was noted in the surrounding soil. Petroleum detected in soil samples was reportedly very old (pre-1932) with low mobility. The historical Hollenbeck Hotel previously occupied the site from 1884 until it was demolished in 1932 after which it became a parking lot for the Los Angeles Times. Based on the age and location of the UST, it was likely associated with the hotel operations. The Los Angeles City Fire Department (LAFD)

referred the site to the LA Regional Board on April 7, 2022. The LA Regional Board requested additional information on April 18, 2022 which was submitted on May 20, 2022.

10. 3000 S Crenshaw (La) Oz Owner, LLC 3000 Crenshaw Blvd S, Los Angeles

Substance: Waste Oil

Source: Tank

One 150-gallon capacity single-walled steel UST containing approximately 20 gallons of waste oil was discovered during demolition activities in August of 2021. The UST was removed September 2021. The October 2021 Soils Report indicated the UST was in poor condition with rust damage and several perforations up to two inches in diameter reported. Petroleum constituents and PCE were reported in one groundwater sample collected as part of the Phase II ESA in June 2021. The contents of the UST were analyzed and contained concentrations of chlorobenzene, trichloroethene (TCE), chromium, copper, lead and zinc, and PCBs. LAFD referred the site to the LA Regional Board on January 27, 2022. The LA Regional Board requested additional information February 22, 2022, and a risk assessment June 1, 2022, which was submitted August 22, 2022. The site is currently being redeveloped into a multi-level commercial office building with two levels of underground parking.

11. Bryon II Homeless Housing

2721 Wilshire Blvd, Los Angeles

Substance: Diesel, Waste Oil

Source: Tank, Piping

On May 20, 2021, during excavation for construction of an apartment building, one 1,000-gallon single-walled steel UST was discovered. Analysis indicated the contents of the UST consisted primarily of water and diesel. On June 23, 2021, the UST was removed and soil samples were collected beneath the former UST and piping. Several days later, additional soil was excavated and a total of 45 cubic yards of soil were transported offsite for disposal. TPHg, TPHd, ethylbenzene, benzene, and naphthalene were detected in soil samples collected after over-excavation. Site plans include a building that will cover nearly the entire site and include an active vapor intrusion and methane barrier beneath the slab-on-grade foundation. LAFD referred the case to the LA Regional Board on January 25, 2022. A request for additional information and risk assessment work plan was issued on February 2, 2022.

12. Pacific Partnership

1600 Pacific Ave S, San Pedro

Substance: Gasoline, Waste Oil

Source: Tank

The release was discovered when TPHg, TPHd, and naphthalene were detected in soil samples from beneath two 1,000-gallon single-walled USTs removed October 2021. The UST Removal Report indicates that UST #1 was likely used to store waste oil and UST #2 likely contained gasoline or diesel products. Additional soil excavation was conducted in November 2021, removing an estimated 55 cubic yards of petroleum hydrocarbon impacted soil. The

LAFD referred the site to the LA Regional Board on March 8, 2022. LA Regional Board requested additional information on March 25, 2022, which was submitted on April 6, 2022. A pre-closure notification was issued on February 22, 2023.

Los Angeles County Department of Public Works (7 cases)

13. 10130 Adella LLC

10130 Adella Ave, Los Angeles

Substance: Gasoline

Source: Other

The release was discovered when a 500-gallon gasoline UST was discovered during excavation activities. November 2021 the UST was removed and the February 2022 UST Closure Report indicated it was in good condition with no visible holes and very little fluid inside. Low levels of petroleum VOCs, PAHs, and metals were detected in soil samples collected during UST removal activities. Between the 1950s and 2000s, the site was occupied by a steel fabrication facility. A UST release was previously reported at this site in 1991 and closed in 1996 (T0603704293) and a Site Cleanup Program case (T10000020006) has been open at the site since 2020. A referral letter from the County of Los Angeles Department of Public Works (LADPW) to the LA Regional Board was issued on April 28, 2022, and a directive from the LA Regional Board to the RP requesting additional information was sent on May 17, 2022. The RP provided a letter detailing requested information on July 12, 2022.

14. 8551 Long Beach LLC

8551 Long Beach Blvd, Los Angeles

Substance: Gasoline, Diesel, & Waste Oil

Source: Tank

The release was discovered during a UST removal on January 2022. Records on CERS show that there were nine existing USTs at a gas station at this site which were to be removed in three phases to minimize impact to the existing auto repair business. According to the UST Removal Report, the first phase was completed early January 2022, when three 10,000-gallon tanks (#7, 8, & 9) were removed. The UST removal report indicates that during the second phase in late January 2022, tanks #4, 5, and 6 were removed, a 2,000-gallon gasoline, a 5,000-gallon sludge, and a 2,000-gallon waste oil tank, respectively. VOCs, TPHg, TPHd, and TPHmo were detected in soil samples collected beneath each of the six tanks following removal. On May 23, 2022, LADPW referred the case to the LA Regional Board. On June 2, , 2022 the LA Regional Board sent a letter requesting additional information by July 5, 2022. Note that the most recent CERS submittal indicates that the three 10,000-gallon USTs were on record as tanks #1, #2, and #3 (removed January 6, 2022). The two 2,000-gallon and one 5,000-gallon tanks were on record as tanks #7, #8, and #9 (removed January 19, 2022). CERS shows tanks #4, #5, and # 6 as three 5,000-gallon USTs remaining in place. The UST removal report indicates the third and final phase of tank removal (tanks #1, 2, & 3 according to UST removal report, #4, #5, and #6 according to CERS records) was delayed due to contractor issues and there is no indication of a planned timeline for removal of the remaining three

USTs. The UST removal report indicates a soils engineer study will need to be conducted prior to removal of one of the remaining tanks due to its location underneath the building.

15. Former Speedway Station #4328 **1711 East Avenue J, Lancaster**

Substance: Benzene, Toluene, Xylene **Source: Piping, Tank**

The site was vacant land until it was redeveloped into a gas station in 2002. On March 9, 2022, a release was discovered during station demolition and the removal of two 15,000-gallon double-walled fiberglass USTs (one dual compartment), piping, and dispensers. Petroleum constituents were not detected above laboratory reporting limits in soil sample collected during UST removal activities. Soil samples detected very low J-flagged concentrations of benzene, toluene, and total xylenes. The LADPW referred the site to the LARWQCBLA Regional Board who requested evaluation of vapor intrusion risk in a letter dated August 9, 2022. A workplan was submitted September 9, 2022, approved via email September 29, 2022. The Soil Vapor Intrusion Report and Request for Case Closure was submitted February 10, 2023.

16. Harry’s Mobil **110 East Palmdale Dr, Palmdale**

Substance: Gasoline **Source: Tank**

The release was discovered in February 2022 when a 10,000-gallon double walled UST was closed-in-place at an active retail fueling facility and soil samples obtained by boring to 40 feet bgs adjacent to the UST showed concentrations of petroleum VOCs including toluene, and ethylbenzene. The release was reported May 5, 2022 and a case was opened by the Lahontan Regional Water Board at that time. The case is in status “Verification Monitoring” as of August 9, 2022. No further communications or documentation is available on GeoTracker.

17. Prologis Targeted US Logistics **2410 Dominguez St E, Carson**

Substance: Gasoline **Source: Other Unknown**

Two double-walled USTs (one 7,500-gallon. gasoline UST and one 12,000-gallon. diesel UST) used for fleet vehicle fueling were removed in February of 2021, and the associated soil sampling showed evidence of petroleum contamination. Approximately 432 tons of soil and demolition material were excavated and removed from the site. The LADPW referred the case to the LA Regional Board in March of 2022. The LA Regional Board requested additional information in April 2022, which the RP provided in May 2022. A Preclosure Notification was issued in February 2023, and the case status is now Eligible for Closure. The property was formerly occupied by a warehouse and office building but is now a vacant, graded lot used for trailer storage.

18. Rocco’s Honda Acura Specialists 45239 Division St., Lancaster

Substance: Diesel, Motor Oil Source: Tank

Upon the removal of one 1,000-gallon single-walled UST and associated piping in December 2021, soil sampling confirmed the presence of TPHd and TPHo. The property was a gas station in the 1960's. The UST had been abandoned but was noted to be in good condition upon removal. In March 2022, the LADPW referred the case to the Lahontan Regional Water Quality Control Board (Lahontan Regional Board), who noticed the case for closure June 22, 2022, and closed the case August 26, 2022. An auto repair shop currently occupies the site.

19. Xpress Auto Rental 8460 Telegraph Rd, Downey

Substance: Gasoline, Diesel, Waste Oil Source: Tank

The release was discovered during the removal of one 250-gallon waste oil UST from the site November 2021. Holes in the bottom invert of the tank were found upon removal. Soil samples collected from beneath the UST found elevated concentrations of TPHg, TPHd, and TPHmo. The Los Angeles County Department of Public Works referred the case to the LA Regional Board March 2022. The LA Regional Board requested additional information from the RP April 2022 and a workplan for site assessment November 2022, submitted and approved March 2023. The site is an active retail fueling station.

Marin County Department of Public Works (1 case)

20. Ledger Ranch 2000 5700 Middle Road, Petaluma

Substance: Gasoline Source: Tank

A release was discovered during the removal of a 550-gallon gasoline UST June 2022. The UST removal report noted that the tank was in poor condition with significant surface rusting and several holes. The removal report further noted that the UST was previously abandoned in place many years ago. TPHg, BTEX, MTBE, TBA, naphthalene, and lead were detected in soil samples collected beneath the tank. An Unauthorized Release Report was submitted on June 28, 2022. The North Coast Regional Water Quality Control Board issued an Order to Submit Work Plan July 2022, a Work Plan for Subsurface Investigation was submitted August 2022, approved September 2022, and the Report of Investigation was submitted January 2023. A Work Plan for Limited Excavation was submitted and approved January 2023. The site consists of a 203-acre rural property that includes a single-family dwelling and several associated outbuildings.

Sacramento County Environmental Management Department (1 case)

21. 3201 Marysville Blvd Property

3201 Marysville Blvd, Sacramento

Substance: Gasoline, Diesel, Motor Oil

Source: Tank

The release was discovered during a Limited Phase II ESA, submitted March 2022. The investigation identified the presence of TPHg, TPHd, TPHmo, VOCs, and SVOCs. Historically, the site has been used as various gas stations (1947-1965), a saddlery (1947), an auto repair shop, California Recycling Center (1996-2017), and other various grocery and retail stores. The Sacramento County Environmental Management Department issued a work plan request April 2022 which was submitted July 2022 and approved by SCEMD August 2022.

San Diego County Department of Environmental Health (1 case)

22. City Ventures La Mesa

7601 University Avenue, La Mesa

Substance: Gasoline

Source: Tank

The release was discovered when petroleum was detected in soil during a Phase II ESA associated with planned site redevelopment in 2019. Five USTs (two 7,500-gallon, one 1,000-gallon, and two 500-gallon) were identified at the site. Four of the five USTs were removed in June 2022, with one of the 7,500-gallon USTs being closed-in-place because it extended under the public right-of-way. TPHg, BTEX, and naphthalene were detected in soil samples collected from the bottom of the UST cavity. Benzene concentrations exceeded 1,000 ug/L in a grab water sample collected from the UST excavation. A workplan for additional investigation and remedial excavation was submitted in June 2022 and implemented in October 2022. San Diego Regional Water Quality Control Board required a Soil Management Plan and continued monitoring of indoor air as of January 2023.

Solano County Environmental Health (1 case)

23. UPS - Cordelia

5000 W Cordelia Road, Fairfield

Substance: Diesel

Source: Tank

The release was discovered when petroleum contamination was detected in samples collected as part of the July 2022 removal of one 10,000-gallon single-walled diesel UST. Used for fueling of fleet delivery vehicles, the UST had previously been used to store gasoline from 1985 to 2009. Upon removal, the UST was noted to be in good condition. Solano County Environmental Health referred the case to the SF Regional Board in August 2022. The SF Regional Board requested additional sampling to characterize the source and extent of the release. The site is occupied by an industrial warehouse.

Old Discoveries (Old Release) – 2 cases

San Bernardino County Fire Department (1 case)

24. Aiken Mine

Aiken Mine Rd, Kelso

Substance: Diesel

Source: Piping

The release was discovered during a preliminary site assessment conducted in January 2002 when surface soil samples reported concentrations of TPHd exceeding 10,000 mg/kg. A 2,000-gallon gasoline and a 5,000-gallon diesel UST were removed on January 12, 2009. There was no visual evidence of damage or leaking; however, the distribution lines were in poor condition and had evidence of damage. Approximately 500 cubic yards of soil were removed from beneath and around the USTs, along the distribution lines, and under one 500-gallon aboveground storage tank (AST) that was also removed concurrently. Samples collected during excavation activities reported significant levels of TPHd, VOCs, and SVOCs under the former 5,000-gallon UST. Groundwater was not encountered and depth to groundwater is likely at least 100 ft bgs. The site is an abandoned mine facility in the northwestern quarter of the Mojave National Preserve. The San Bernardino County Fire Department Hazardous Materials Division was notified about the UST removals on November 13, 2008, but the case was not opened until June 2022. On August 27, 2022 a Conceptual Site Model and Case Closure Report was submitted to the Lahontan Regional Board.

Los Angeles City Fire Department (1 case)

25. Los Angeles County Department of Public Works

1060 Vignes St N, Los Angeles

Substance: Gasoline, Diesel, Motor Oil

Source: Tank

Two 1,000-gallon and one 100-gallon single walled USTs were discovered during redevelopment of the site for homeless housing. The 100-gallon UST was noted to be in poor condition and open on both ends, the 1,000-gallon UST was noted to be in fair condition. The USTs were removed November 2020 and an unknown amount of soil was additionally excavated. Soil samples were taken at the bottom of each UST excavation where TPHg, TPHd, and TPHo were detected. On March 7, 2022 the LAFD referred the case to the LA Regional Board. A request for additional information was issued on April 11, 2022 which was provided on May 11, 2022.

Acronyms / Abbreviations

bgs	below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CAP	Corrective Action Plan
CSM	Conceptual Site Model

Appendix A: California UST Leak Prevention: January – June 2022 Semi-Annual Report

DRO	Diesel Range Organics
ESA	Environmental Site Assessment
ESLs	Environmental Screening Levels
GRO	Gasoline Range Organics
LTCP	Low-Threat Closure Policy (i.e., California UST Low-Threat Case Closure Policy)
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MTBE	Methyl tert-butyl ether
NFA	No Further Action
ORO	Oil Range Organics
PAHs	Polycyclic Aromatic Hydrocarbons
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluorinated Substances
RAP	Remedial Action Plan
RP	Responsible Party
SVOCs	Semi-Volatiles Organic Compounds
TCE	Trichloroethylene
TPHd	Total Petroleum Hydrocarbons (diesel)
TPHg	Total Petroleum Hydrocarbons (gasoline)
TPHjf	Total Petroleum Hydrocarbons (jet fuel)
TPHmo	Total Petroleum Hydrocarbons (motor oil)
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
WQO	Water Quality Objective