



CALIFORNIA UNDERGROUND STORAGE TANK (UST) LEAK PREVENTION

JANUARY – DECEMBER 2018 ANNUAL REPORT

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

This report summarizes the status of issues important to the California UST Leak Prevention program and is based on information extracted from CERS, the California GeoTracker database, and internal State Water Resources Control Board (State Water Board) reports. Unless otherwise noted, the events and activities (e.g., inspections, violations, reporting of releases) presented here occurred between January and December of 2018. Data sources were collected in April 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 L99T11601 between the U.S. Environmental Protection Agency (USEPA) Region 9 and the State Water Board.

Statewide UST Numbers *

Number of USTs	35,489
Number of UST Facilities	13,803
Storage Capacity (gal)	387,236,091

* Statewide number of USTs and storage capacity are underreported here (1,039 UST facilities in CERS lack tank-specific information)

Use / Contents	USTs	Capacity (gal)
Motor Vehicle, Gasoline	23,027	272,552,164
Motor Vehicle, Diesel	7,767	79,006,497
Generator, Diesel	1,955	17,032,505
Waste Oil	950	964,094
Chemicals or Haz. Waste	367	1,883,568
Jet Fuel or Aviation Gas	241	5,598,265
Marina Fueling	130	1,131,410
Other	1,052	9,067,588

CERS Implementation (pg. 3)

Complete and accurate UST data in CERS enables California to more effectively manage its UST Leak Prevention program. It is crucial that the State and USEPA can rely on CERS data to determine compliance with State and Federal law, as well as make important program decisions.

When an UPA believes the data in CERS is complete and accurate, the UPA can request a data quality review. The State Water Board can then approve paperless reporting of federally required information via CERS. Otherwise, the State and USEPA rely on UPA spreadsheets that lack detail and cannot be verified. CERS implementation also improves access to previously unshared information (e.g., Priority Violations, New Releases, Single-Walled USTs).

% Facilities in CERS	99.83%
% Facilities with an Inspection Record	99.90%
UPAs Approved for Paperless Reporting	35/90

Priority Violations & Return to Compliance (RTC) (pg. 4-6)

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 applicable statewide, 48 priority violations were identified for this report. These 48 priority violations include all 30 violations that trigger the USEPA technical compliance rate measure (TCR 9a-d), two violations related to walkthrough inspections, plus 16 additional violations of significant interest to USEPA and the State Water Board. See Appendix B for the list of priority violations.

Routine Inspections (January-December 2018)	13,493
Priority Violations	16,970
% Inspected Facilities with Priority Violations	51.6%
% Facilities with Priority Violations (All RTC)	61.4%

New Releases (pg. 7)

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.

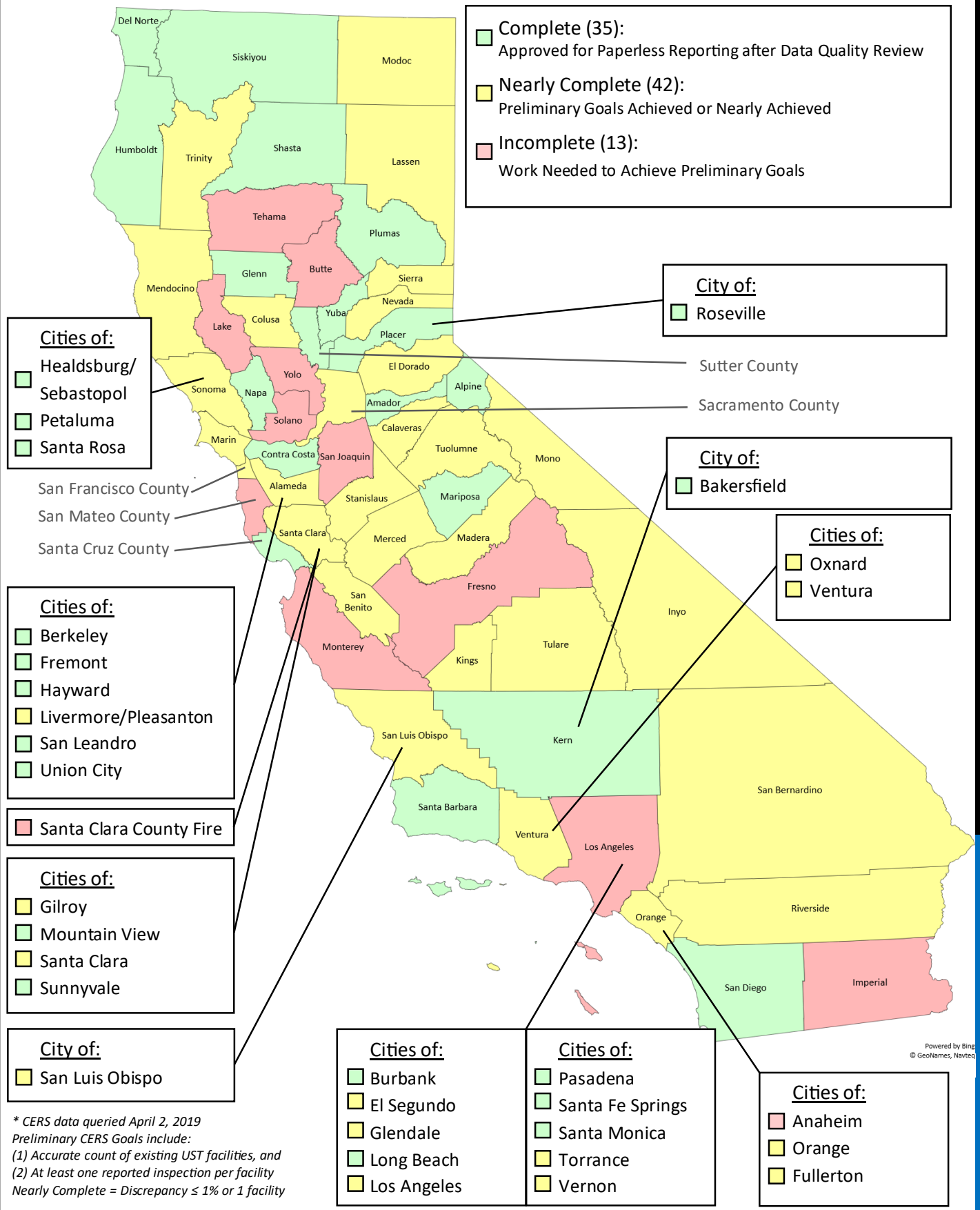
Releases Reported (Total)	64
Releases Reported (Operating Facilities)	25
New Releases (i.e., Newly Occurring)	3

Single-Walled USTs (pg. 8-10)

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

Number of SW USTs (tanks or piping)	2,849
Facilities with SW USTs (tanks or piping)	1,174
% of Statewide UST Systems (SW)	8.0%
% of Statewide UST Facilities (SW)	8.5%
% of Statewide Storage Capacity (SW)	7.7%
SW UST Facilities with unresolved priority violation(s) cited in past 18 months	231

CERS Implementation by Unified Program Agency (UPA)

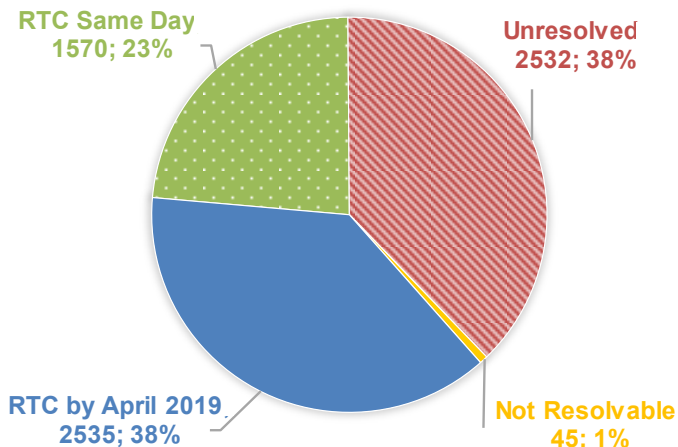


* CERS data queried April 2, 2019
Preliminary CERS Goals include:
(1) Accurate count of existing UST facilities, and
(2) At least one reported inspection per facility
Nearly Complete = Discrepancy ≤ 1% or 1 facility

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UST Violations and Return to Compliance (RTC)

6,682 Facilities w/ Priority Violations Cited



Currently, applicable UST violations are grouped into 89 codes within 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 December 2018, UPAs cited one or more priority violations at 51.6% (6,682 of 12,940) of all UST facilities inspected. By April 2019, 61.4% of these facilities (4,105 of 6,682) had returned to compliance.

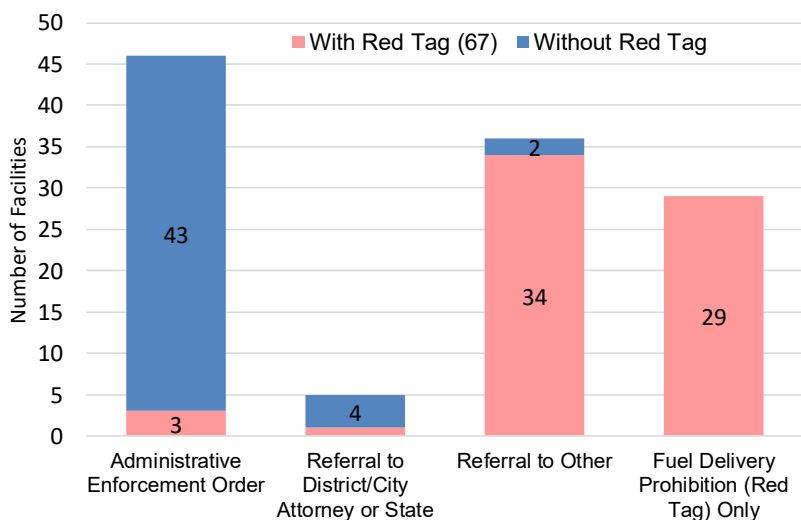
Number of Facilities with a Routine Inspection	12,940
Number of Additional Routine Inspections reported in 1 year period	553
Number of Facilities with Priority Violations	6,682
Average Time to RTC*	64 days

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

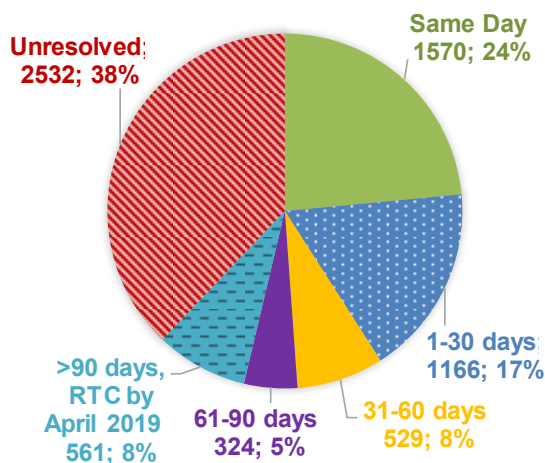
Most Cited Violations of 2018

Violation Name	CERS Violation Type Number	Total # Citations	# UPAs Citing Violation	% RTC by April 2019
Overfill Prevention (not meeting regulatory requirements)	2030036	1864	75	36%
Spill Container (not meeting maintenance/testing requirements)	2060020	1582	73	69%
Leak Detection Equipment Maintenance (failure to meet testing requirements)	2030002	1379	70	55%
Secondary Containment (failure to maintain)	2030047	1377	69	42%
Designated Operator (failure to conduct monthly inspection)	2030013	1363	70	50%
Monitoring Equipment (improper installation, calibration, operation or maintenance)	2030043	1084	74	68%
Line Leak Detector (LLD) for Pressurized Piping (not meeting monitoring requirements)	2030025	1030	71	77%
Secondary Containment Testing (not meeting testing requirements)	2030048	959	55	43%
Repairs, Lining and Upgrades (failure to maintain records)	2010008	787	39	37%
Improper Monitoring (Leak Detection Equipment not located to detect leak at earliest possible opportunity)	2060015	635	59	71%

Enforcement Actions Initiated at 113 Facilities



Time to Return to Compliance (Facility)



Priority UST Violations and Return to Compliance (RTC), January - December 2018

UPA	% Facilities Inspected	# Routine Inspections	# Priority Violations	# 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 April 2019	# Formal Enforcements Initiated
Alameda County Environmental Health	100%	256	437	169	41	66	77	82	60%	0
Alpine County Health Department	33%	1	0	0	0	0	0	0	N/A	0
Amador County Environmental Health	97%	28	9	5	0	0	0	0	0%	1
Anaheim City Fire Department	99%	113	63	43	22	31	36	38	91%	1
Bakersfield City Fire Department	97%	146	234	98	10	32	56	73	87%	7
Berkeley City Toxics Management Division	93%	33	33	19	1	4	7	9	58%	1
Burbank Fire Department	98%	69	12	10	4	5	5	5	60%	0
Butte County Environmental Health	91%	93	115	63	26	37	42	42	76%	2
Calaveras County Environmental Health	100%	31	45	25	9	13	13	14	56%	0
Colusa County Health and Human Services	100%	18	6	4	2	2	2	3	75%	0
Contra Costa County Health Services Department	95%	378	256	157	45	77	87	93	71%	4
Del Norte Environmental Health Division	100%	11	3	3	0	0	0	3	100%	0
El Dorado County Environmental Management	90%	72	78	48	14	20	26	27	60%	1
El Segundo City Fire Department	100%	24	26	15	5	9	10	13	100%	0
Fremont City Fire Department	100%	60	71	33	10	17	24	25	91%	0
Fresno County Department of Public Health	62%	261	282	167	43	157	163	165	100%	0
Fullerton City Fire Department	98%	47	34	25	13	18	18	20	88%	0
Gilroy City Fire Department	100%	27	16	11	3	6	7	8	82%	0
Glendale City Fire Department	93%	59	14	10	0	1	2	2	20%	0
Glenn County Air Pollution Control District	88%	15	38	13	4	6	8	8	62%	2
Hayward City Fire Department	99%	92	84	35	5	9	10	10	34%	0
Healdsburg/Sebastopol JPA	100%	14	30	11	1	2	3	4	73%	0
Humboldt County Division of Environmental Health	97%	75	52	31	6	23	24	27	94%	0
Imperial CUPA - DTSC	100%	83	288	67	9	35	50	59	93%	6
Inyo County Dept of Environmental Health Services	56%	16	20	7	2	2	2	3	43%	1
Kern County Environmental Health Services Dept	96%	277	260	144	17	37	54	64	51%	1
Kings County Environmental Health	98%	85	89	42	11	16	21	21	60%	0
Lake County Environmental Health	84%	26	15	8	6	6	6	6	75%	0
Lassen County Environmental Health	100%	15	43	10	0	1	3	4	40%	0
Livermore-Pleasanton FD	76%	57	21	13	2	3	5	5	69%	0
Long Beach Environmental Health	99%	158	212	81	30	50	60	66	86%	5
Los Angeles City Fire Department	99%	1333	1346	565	134	178	208	231	55%	16
Los Angeles County Department of Public Works	94%	1564	4888	822	9	82	108	124	21%	18
Madera County Environmental Health	99%	72	153	60	9	29	36	42	78%	0
Marin County Dept of Public Works	98%	88	54	39	12	26	32	35	97%	0
Mariposa County Public Health Department	95%	35	25	12	5	6	7	7	67%	0
Mendocino County Environmental Health	97%	63	28	17	6	6	6	7	47%	1
Merced County Environmental Health	83%	108	172	78	24	46	56	58	86%	1
Modoc County Environmental Health	100%	7	8	3	1	1	2	2	67%	0
Mono County Health Department	95%	20	70	17	4	8	9	9	59%	1
Monterey County Health Department	63%	148	22	11	1	2	2	2	18%	0
Mountain View Fire Department	100%	26	30	14	3	5	7	7	64%	1
Napa County Dept of Environmental Management	100%	47	48	24	7	12	14	18	83%	1
Nevada County Environmental Health	100%	37	49	23	11	14	16	18	78%	0
Orange City Fire Department	100%	71	77	46	20	27	34	40	96%	0
Orange County Environmental Health	97%	711	449	288	85	138	157	172	70%	5

Priority UST Violations and Return to Compliance (RTC), January - December 2018 (Continued)

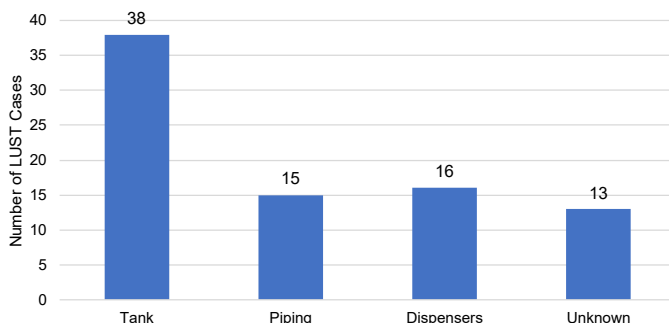
UPA	% Facilities Inspected	# Routine Inspections	# Priority Violations	# Facilities w Priority Violations	Facilities w Priority Violations, RTC Same Day	Facilities w Priority Violations, RTC after 30 days	# Facilities w Priority Violations, RTC after 60 days	# Facilities w Priority Violations, RTC after 90 days	% Facilities w Priority Violation RTC by April 2019	# Formal Enforcements Initiated
Oxnard Fire Department	100%	50	33	24	10	16	17	17	71%	0
Pasadena Fire Department	100%	63	42	26	3	5	6	11	65%	0
Petaluma City Fire Department	89%	17	9	5	1	2	2	2	40%	0
Placer County Environmental Health	99%	98	140	60	21	33	43	50	93%	2
Plumas County Environmental Health	89%	18	52	16	5	6	9	9	63%	0
Riverside County Dept of Environmental Health	98%	666	604	305	68	107	154	181	67%	14
Roseville City Fire Department	90%	45	78	33	16	23	28	30	91%	0
Sacramento County Environmental Management	95%	459	637	274	71	115	135	140	61%	1
San Benito County Health Department	100%	23	14	8	0	3	4	4	88%	0
San Bernardino County Fire Department	95%	813	515	329	73	133	157	166	56%	7
San Diego County Dept of Environmental Health	96%	971	680	458	218	317	335	340	77%	2
San Francisco City & County Public Health Dept	98%	239	151	106	18	34	53	70	81%	0
San Joaquin County Environmental Health	97%	251	575	201	37	82	104	116	64%	0
San Leandro City	92%	45	10	10	5	8	8	9	100%	0
San Luis Obispo City Fire Department	96%	27	11	9	6	7	9	9	100%	0
San Luis Obispo County Environmental Health	100%	107	145	66	18	28	37	49	95%	0
San Mateo County Environmental Health	86%	249	242	117	15	39	49	60	66%	0
Santa Barbara County Environmental Health Svcs	97%	142	105	72	23	43	52	56	86%	2
Santa Clara City Fire Department	94%	64	45	28	1	4	4	4	18%	0
Santa Clara County Environmental Health	97%	389	571	263	37	63	73	80	36%	0
Santa Clara County Fire Department	87%	58	7	3	0	0	0	0	0%	0
Santa Cruz County Environmental Health	95%	106	87	56	16	25	28	29	55%	0
Santa Fe Springs Fire-Rescue	100%	33	34	22	4	9	13	15	73%	2
Santa Monica Fire Department	100%	41	54	26	8	16	16	18	85%	0
Santa Rosa City Fire Department	100%	57	47	25	12	15	18	19	84%	0
Shasta County Environmental Health	97%	116	173	88	32	43	48	55	74%	4
Sierra County Human Services Department	100%	5	26	4	0	0	1	1	50%	0
Siskiyou County Community Development	100%	33	96	27	3	6	10	11	44%	0
Solano County Environmental Health	96%	192	259	68	2	8	9	13	26%	0
Sonoma County Fire & Emergency Services Dept	97%	77	42	32	16	23	26	28	91%	0
Stanislaus County Environmental Resources	93%	206	434	123	32	54	64	72	74%	1
Sunnyvale Department of Public Safety	98%	46	19	12	4	5	7	8	75%	1
Sutter County Environmental Health	95%	39	25	14	9	11	11	12	86%	0
Tehama County Environmental Health	95%	38	42	24	8	12	12	12	50%	0
Torrance Fire Department	100%	56	17	13	5	9	11	12	100%	0
Trinity County - DTSC	67%	4	6	3	1	2	2	2	67%	0
Tulare County Environmental Health	96%	261	339	175	28	59	74	79	55%	0
Tuolumne County Environmental Health	85%	29	50	19	9	12	13	13	74%	0
Union City Environmental Programs	100%	22	8	6	0	0	0	0	0%	0
Ventura City Fire Department	100%	53	5	4	1	3	3	4	100%	0
Ventura County Environmental Health	90%	149	138	80	34	53	62	68	88%	0
Vernon Health & Environmental Control Department	93%	29	1	1	0	0	0	0	0%	0
Yolo County Environmental Health	100%	99	66	43	22	30	34	35	81%	0
Yuba County Environmental Health Department	97%	38	31	18	6	8	9	9	50%	1
Statewide Totals	94%	13493	16978	6682	1570	2736	3265	3589	61.4%	113

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

Confirmed New Releases - New Leaking UST Cleanup Cases

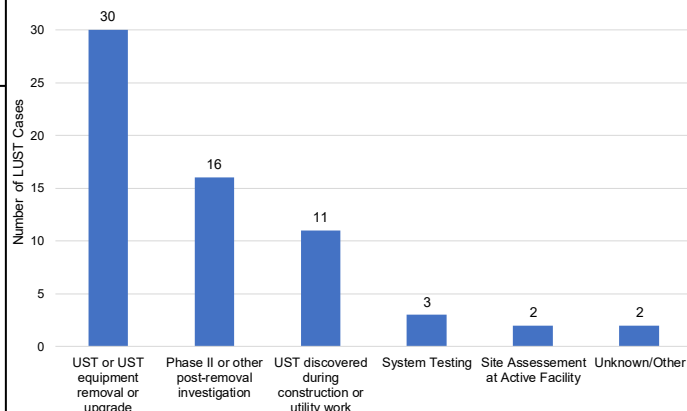
GeoTracker leaking UST (LUST) data indicate that UST owners, operators and regulators reported 64 new releases from petroleum USTs between January and December 2018.

Source of Release

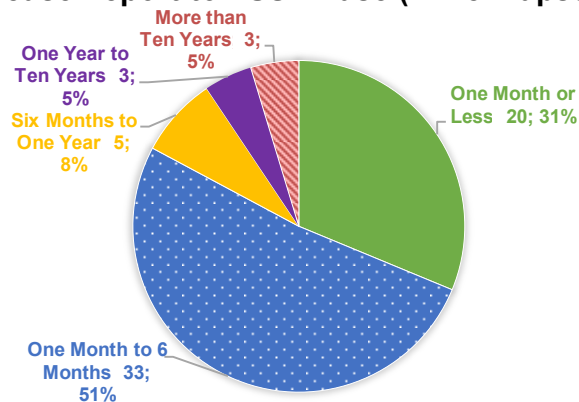


Note: In some cases, more than one component of the UST system is identified as the source. Therefore, the total number for this chart does not reflect the total number of cases.

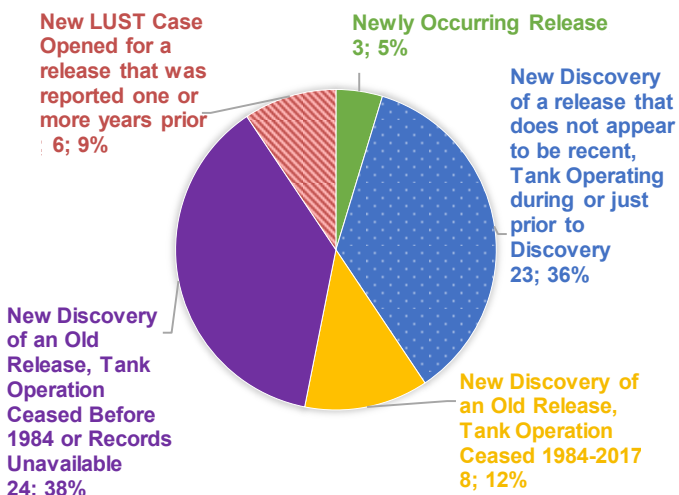
How Release was Discovered



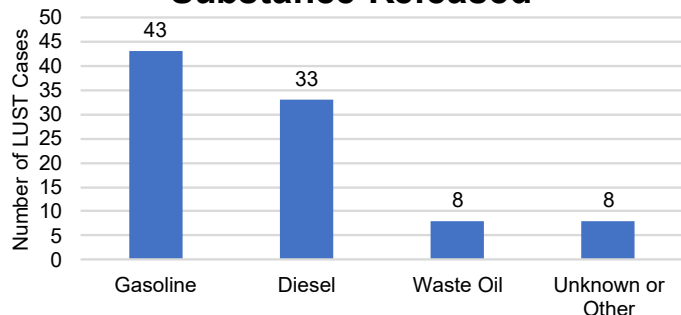
Release Report to LUST Case (Time Elapsed)



What's "New" About the Release

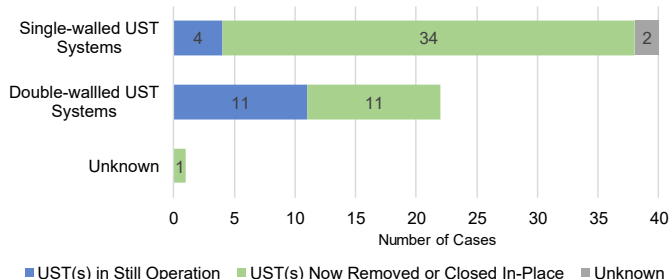


Substance Released



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

UST System Design & Status



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

11%

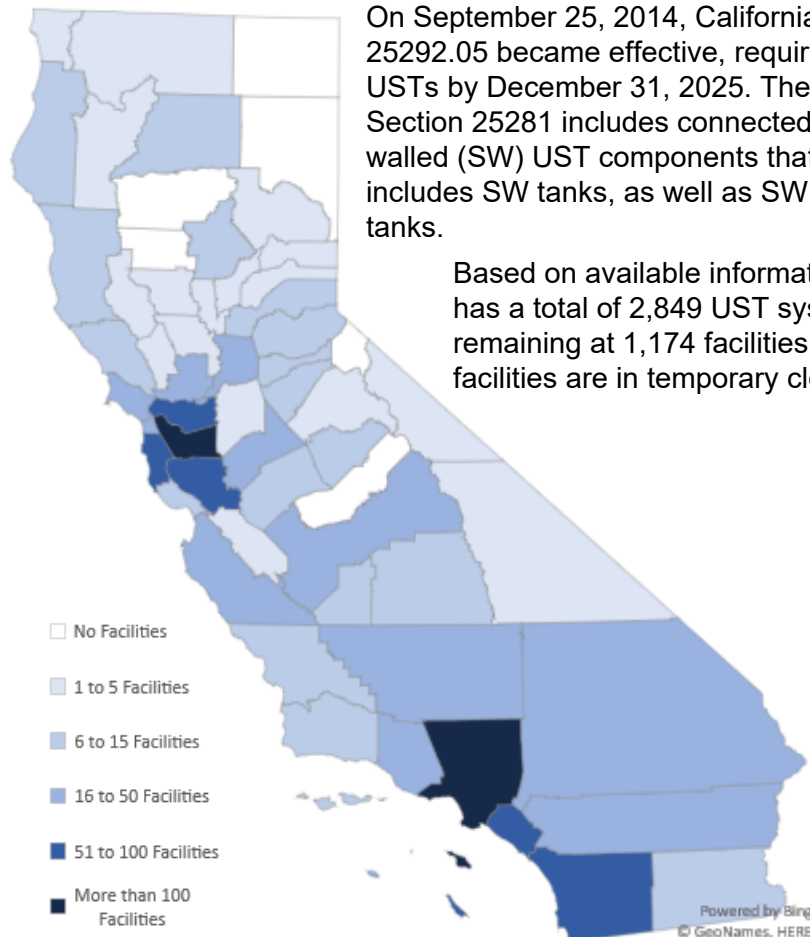
DW UST Closures or Upgrades Resulting in Discovery of a Release (20/190 Facilities)

21%

SW UST Closures or Upgrades Resulting in Discovery of a Release (9/43 Facilities)

See Appendix A for Details on Individual Releases

Single-Walled (SW) USTs



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

Based on available information in CERS as of April 2019, California has a total of 2,849 UST systems with either a SW tank or SW piping remaining at 1,174 facilities. Sixteen of these systems at seven facilities are in temporary closure.

California Single-walled USTs

	SW Tank	DW Tank SW Piping	Total
USTs	2,155	694	2,849
Facilities	788	410	1,174

Total Facilities (1,174) is less than the sum of SW Tank and DW Tank SW Piping (1,198) because some facilities have both types of UST system.

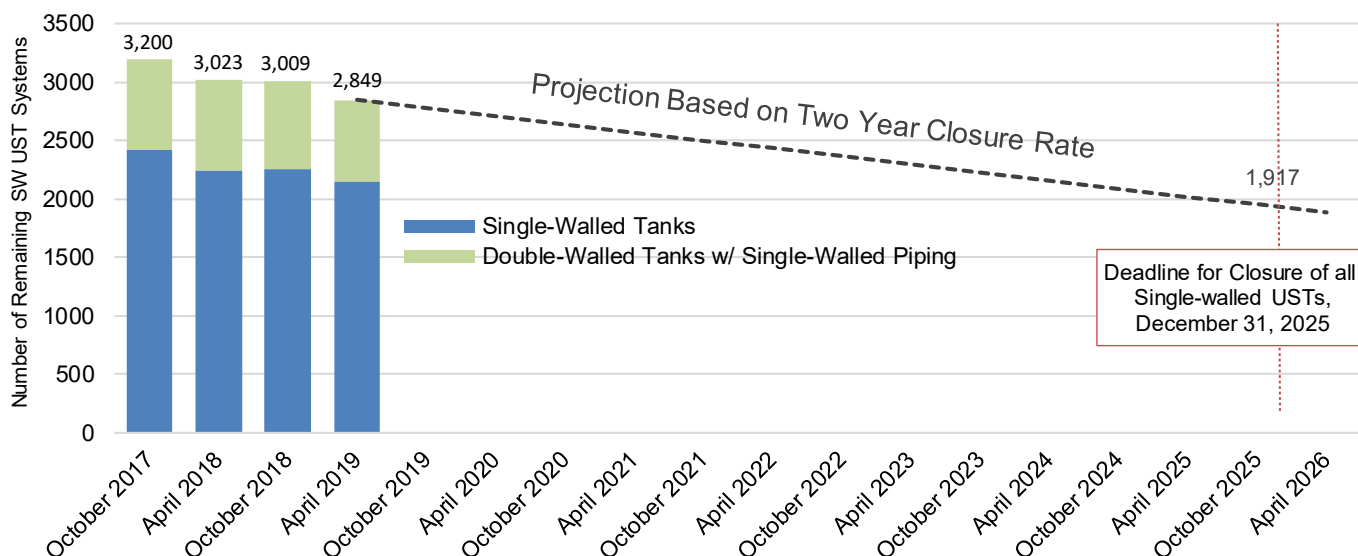
Single-walled UST Closures

Year	SW Tanks	DW Tanks SW Piping	Total
2018	73	18	91
2017	169	17	186

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

Number of Single-walled Tanks by County

Statewide Progress - Single-Walled UST Closure



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

Single-Walled USTs by UPA, Sorted by Number of SW Facilities

UPA	Total # SW USTs	Total # SW UST Facilities	Total Gallon Storage Capacity, SW USTs	# SW Tanks	Gallon Capacity, SW Tanks	# DW Tanks w/ SW Piping	Gallon Capacity, DW Tanks w/ SW Piping	SW UST Facilities w/ Unresolved Priority Violations*
Los Angeles City Fire Department	249	119	3,224,770	152	2,655,050	97	569,720	33
Los Angeles County Dept of Public Works	209	89	2,358,509	164	1,968,280	45	390,229	44
San Diego County Dept of Envir Health	244	86	2,433,885	189	1,874,960	55	558,925	7
Orange County Environmental Health	136	60	1,325,146	110	1,112,426	26	212,720	10
Contra Costa County Health Services Dept	148	59	1,380,300	118	1,177,550	30	202,750	8
Alameda County Environmental Health	143	57	1,288,599	124	1,178,479	19	110,120	15
San Mateo County Environmental Health	118	53	1,041,824	94	939,604	24	102,220	5
San Francisco City/County Pub Health Dept	101	49	946,320	84	870,600	17	75,720	5
San Bernardino County Fire Department	80	35	711,249	50	479,889	30	231,360	4
Santa Clara County Environmental Health	51	30	390,840	32	313,000	19	77,840	17
Kern County Environmental Health Svc Dept	81	28	831,500	78	795,500	3	36,000	4
Stanislaus County Environmental Resources	89	27	835,000	87	813,000	2	22,000	8
Sacramento County Envir Mgmt Dept	64	23	643,354	46	499,000	18	144,354	6
Monterey County Health Department	61	23	458,550	52	415,500	9	43,050	4
Solano County Environmental Health	46	21	391,507	22	207,000	24	184,507	2
Riverside County Dept of Envir Health	51	20	414,499	28	181,849	23	232,650	1
Fresno County Department of Public Health	59	18	632,877	45	531,772	14	101,105	0
Bakersfield City Fire Department	47	16	522,000	44	497,000	3	25,000	0
Marin County Dept of Public Works	36	16	301,600	31	267,100	5	34,500	1
Amador County Environmental Health	44	14	302,000	34	233,000	10	69,000	3
Ventura County Environmental Health	30	14	216,050	22	190,550	8	25,500	0
Merced County Environmental Health	31	13	320,000	21	239,000	10	81,000	2
Shasta County Environmental Health	34	11	324,000	26	244,000	8	80,000	6
Kings County Environmental Health	27	10	1,997,899	25	1,987,899	2	10,000	3
Calaveras County Environmental Health	29	10	203,950	29	203,950	0	0	1
Santa Clara County Fire Department	25	10	236,596	23	235,526	2	1,070	0
Tulare County Environmental Health	25	10	228,000	15	139,000	10	89,000	2
Anaheim City Fire Department	20	10	193,550	9	79,000	11	114,550	1
Placer County Environmental Health	21	9	168,020	20	167,500	1	520	0
Hayward City Fire Department	17	9	133,550	13	122,000	4	11,550	5
Imperial CUPA - DTSC	21	9	204,500	11	110,000	10	94,500	1
Mendocino County Environmental Health	29	9	212,600	21	167,000	8	45,600	1
Butte County Environmental Health	23	9	187,764	17	159,000	6	28,764	2
Mariposa County Public Health Department	16	9	106,017	7	68,000	9	38,017	2
San Luis Obispo County Envir Health	17	9	222,313	14	121,763	3	100,550	0
Long Beach Environmental Health	23	8	330,500	11	126,000	12	204,500	3
Santa Cruz County Environmental Health	17	8	160,550	15	150,000	2	10,550	1
San Leandro City	15	8	140,600	10	115,000	5	25,600	0
Santa Barbara County Envir Health Svc	19	8	226,500	17	216,000	2	10,500	2
Humboldt County Div of Envir Health	20	8	176,084	19	172,084	1	4,000	0
El Dorado County Environmental Mgmt	18	7	139,520	12	99,000	6	40,520	1
Burbank Fire Department	14	7	104,000	11	82,500	3	21,500	0
Berkeley City Toxics Management Division	18	7	156,020	15	154,000	3	2,020	2
Orange City Fire Department	13	6	82,550	8	60,550	5	22,000	0
Sonoma County Fire & Emergency Svc Dept	11	6	77,500	10	77,000	1	500	0
Ventura City Fire Department	13	5	154,500	12	154,000	1	500	0
Statewide Total	2,849	1,174	29,663,300	2,155	24,557,397	694	5,096,403	231

SW: Single-walled

DW: Double-walled

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

Single-Walled UST Systems by UPA, Sorted by # SW Facilities (Continued)

UPA	Total # SW USTs	Total # SW UST Facilities	Total Gallon Storage Capacity, SW USTs	# SW Tanks	Gallon Capacity, SW Tanks	# DW Tanks w/ SW Piping	Gallon Capacity, DW Tanks w/ SW Piping	SW UST Facilities w/ Unresolved Priority Violations*
Sonoma County Fire & Emerg Svc Dept	11	6	77,500	10	77,000	1	500	0
Ventura City Fire Department	13	5	154,500	12	154,000	1	500	0
Sunnyvale Department of Public Safety	11	5	93,050	6	62,000	5	31,050	0
Fremont City Fire Department	10	5	65,050	7	63,000	3	2,050	0
Tuolumne County Environmental Health	8	5	42,940	4	25,000	4	17,940	0
Livermore-Pleasanton FD	15	5	146,262	12	112,262	3	34,000	0
Santa Clara City Fire Department	9	5	88,254	7	68,254	2	20,000	1
Glendale City Fire Department	5	5	3,050	0	0	5	3,050	1
Torrance Fire Department	9	4	68,550	6	66,000	3	2,550	0
El Segundo City Fire Department	14	4	82,132	2	60,000	12	22,132	0
Yuba County Environmental Health Dept	17	4	496,000	11	436,000	6	60,000	1
Plumas County Environmental Health	14	4	128,000	14	128,000	0	0	2
Fullerton City Fire Department	6	3	48,500	5	48,000	1	500	1
Santa Rosa City Fire Department	7	3	72,000	5	52,000	2	20,000	0
Vernon Health & Envir Control Dept	9	3	146,000	0	0	9	146,000	2
Siskiyou County Community Development	5	3	46,000	3	30,000	2	16,000	1
Pasadena Fire Department	9	3	106,500	6	66,000	3	40,500	1
Inyo County Dept of Envir Health Svc	7	3	76,000	7	76,000	0	0	2
Roseville City Fire Department	8	3	78,000	8	78,000	0	0	0
Sutter County Environmental Health	8	3	72,000	7	64,000	1	8,000	0
Lake County Environmental Health	7	3	53,000	7	53,000	0	0	0
Mono County Health Department	7	3	46,000	0	0	7	46,000	1
San Joaquin County Environmental Health	3	3	15,500	0	0	3	15,500	1
Napa County Dept of Environmental Mgmt	4	3	3,550	2	2,000	2	1,550	1
Gilroy City Fire Department	4	2	30,500	3	30,000	1	500	0
Colusa County Health and Human Services	6	2	48,000	6	48,000	0	0	0
Yolo County Environmental Health	10	2	104,000	10	104,000	0	0	0
Sierra County Human Services Department	7	2	95,000	7	95,000	0	0	1
Petaluma City Fire Department	6	2	54,000	3	24,000	3	30,000	1
Santa Fe Springs Fire-Rescue	2	2	14,000	0	0	2	14,000	0
Nevada County Environmental Health	4	1	40,000	4	40,000	0	0	0
Santa Monica Fire Department	4	1	48,000	0	0	4	48,000	1
San Benito County Health Department	4	1	56,000	4	56,000	0	0	0
Mountain View Fire Department	2	1	20,000	2	20,000	0	0	0
Trinity County - DTSC	2	1	20,000	0	0	2	20,000	0
Union City Environmental Programs	1	1	10,000	0	0	1	10,000	1
San Luis Obispo City Fire Department	1	1	8,000	0	0	1	8,000	0
Del Norte Environmental Health Division	1	1	2,000	0	0	1	2,000	0
Oxnard Fire Department	0	0	0	0	0	0	0	0
Alpine County Health Department	0	0	0	0	0	0	0	0
Glenn County Air Pollution Control District	0	0	0	0	0	0	0	0
Healdsburg/Sebastopol JPA	0	0	0	0	0	0	0	0
Lassen County Environmental Health	0	0	0	0	0	0	0	0
Madera County Environmental Health	0	0	0	0	0	0	0	0
Modoc County Environmental Health	0	0	0	0	0	0	0	0
Tehama County Environmental Health	0	0	0	0	0	0	0	0
Statewide Total	2,849	1,174	29,663,300	2,155	24,557,397	694	5,096,403	231

SW: Single-walled

DW: Double-walled

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

Note: Tank-specific information is missing in CERS for 1,039 UST facilities. As a result, UST system numbers and capacity are likely underreported in this table.

Appendix A: Confirmed UST Releases, January – December 2018

Throughout California, 64 releases were confirmed and reported in 2018 from federally regulated petroleum USTs. 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 - 3 cases

Los Angeles County Department of Public Works (1 case)

1. Schafer Capital Corporation 2384 Foothill Blvd, La Canada Flintridge

Substance: Gasoline

Source: Dispenser

CERS indicates a routine inspection was performed June 14, 2018 and comments indicate the site was red tagged for multiple violations, including no testing of the single-walled piping in over 12 months. CERS inspection comments for a follow-up inspection dated June 25, 2018 indicate helium testing was performed and a leak was identified. CERS comments also indicate a repair was on June 22, 2018. The Limited Subsurface Investigation report submitted to Los Angeles County Department of Public Works (DPW) September 2018 indicates soil sampling beneath the dispenser and product lines was conducted August 2018 during a fueling system retrofit operation. Samples were collected to 10 feet below ground surface (bgs) and the highest concentrations of petroleum constituents were reported beneath the dispenser at 5 feet bgs. Los Angeles County DPW referred the case to the Regional Board October 2018. In February 2019, the Regional Board requested a work plan for site assessment. The site remains an active fueling facility.

San Bernardino County Fire Department (1 case)

2. Flying J Travel Center #614 2611 Fisher Blvd, Barstow

Substance: Diesel

Source: Dispenser, Piping

The release was discovered in July 2018 when a precision line test performed on the primary product line and pressure test performed on the secondary product line at the diesel dispenser failed. The piping was exposed and the release was visually confirmed. The Diesel Dispenser #26 and Satellite #26 Product Pipe Replacement Soil Sampling Summary Report submitted August 2018 indicates soil was excavated to make repairs in August 2018 and petroleum constituents were detected in samples collected beneath the piping and dispenser between 2 and 4 feet bgs. A total of 2.91 tons of petroleum impacted soil were transported offsite for disposal. The Regional Board requested a workplan via email December 2018. The site remains an active fueling facility.

Santa Clara County Environmental Health (1 case)

3. Blossom Valley 76 102 Poughkeepsie Road, San Jose

Substance: Gasoline

Source: Tank

The release was discovered during the tank tightness test December 2018. A spill report was submitted to the California Office of Emergency Services January 2019 and was referred to Santa Clara County Department of Environmental Health. The discharge description on the Risk Information page in GeoTracker indicates approximately eight (8) gallons of gasoline were released from the UST to the subsurface. Notes in GeoTracker indicate remaining fuel was removed from the UST and it was red tagged. There is no information related to a spill, red tag, or any other recent enforcement for the facility in CERS. One violation for failure to have monitoring system certification testing performed every 12 months was noted as a repeat violation October 2018. The case was changed to Non-Case Information case type with no reason noted April 2019.

New Discoveries (Old Release) - 54 cases

Los Angeles County Department of Public Works (10 cases)

4. Cardlock Fuels

7799 Telegraph Rd, Montebello

Substance: Diesel

Source: Tank, Dispenser

The release was discovered when two (2) double-walled UST systems were removed October 2018. The Closure Report submitted to Los Angeles County DPW October 2018 indicates diesel was detected beneath one (1) tank and one (1) dispenser at levels below the Regional Board and USEPA screening limits. Los Angeles County DPW referred the case to the Regional Board November 2018. The site remains a truck wash and truck oil change and inspection facility. There is no available information indicating if replacement of the USTs is planned.

5. Circle K Store # 2709464

520 West Rancho Vista Blvd, Palmdale

Substance: Gasoline

Source: Piping, Dispenser

GeoTracker indicates the release was discovered during piping replacement November 2018. Based on October 2018 inspection comments in CERS it appears the piping was replaced because it failed line testing. The Site Assessment Report submitted to Los Angeles County DPW December 2018 indicates that petroleum constituents were not detected in three (3) soil samples collected at 4 feet bgs beneath the piping but trichloroethene was detected below the screening limit. Los Angeles County DPW referred the case to the Regional Board January 2019. March 2019 Regional Board email correspondence indicates the case involved the release of approximately one (1) gallon of gasoline. The GeoTracker case status was changed to Open – Eligible for Closure March 2019. The site remains an active fueling facility.

6. Em Tee Nest LLC

5863 Washington Blvd, Culver City

Substance: Gasoline

Source: Tank

The release was discovered during a Phase II Environmental Site Assessment (ESA) January 2017 when petroleum constituents were detected in soil and groundwater. Additionally, three (3) USTs in two (2) tank pits were discovered during the Phase II ESA and removed October 2017. The UST Closure Report submitted to Los Angeles County DPW November 2017 indicates numerous corrosion holes were observed in the tanks during removal. Los Angeles County DPW referred the case to the Regional Board February 2018. Three (3) monitoring wells were installed July 2018 to define the extent of

groundwater contamination and semi-annual groundwater monitoring was ongoing as of January 2019. The site is currently a vacant former automotive parts and repair shop.

7. Former Cher’s Chevron

14240 Firestone Blvd, La Mirada

Substance: Gasoline

Source: Tank

A release was discovered when four (4) UST systems were removed September 2016. The December 2016 UST Removal Report received by Los Angeles County DPW June 2017 indicates petroleum constituents were detected beneath the former USTs. Los Angeles County DPW referred the case to the Regional Board February 2018. The site is currently an unpaved vacant lot.

8. HC 9300 Culver LLC

9300 Culver Blvd, Culver City

Substance: Diesel

Source: Tank

A release was discovered when a UST was encountered during site redevelopment and removed December 2017. The UST Closure Report submitted to Los Angeles DPW January 2018 indicates impacted soil was observed beneath the tank and elevated concentrations of petroleum constituents were detected in soil. The report indicates impacted soil encountered beneath the UST would be excavated and disposed, but there is no documentation of over-excavation. Los Angeles County DPW referred the case to the Regional Board April 2018. The site is currently undergoing redevelopment as an office and retail complex.

9. Kaiser Permanente Downey

9371 Imperial Highway, Downey

Substance: Gasoline

Source: Sump

A release was discovered December 2017 when samples were collected beneath piping and sumps as part of the steps to abandon in-place approximately 500 feet of piping. The Soil Sampling Report submitted to Los Angeles DPW January 2018 indicates low level petroleum constituents were detected in several soil samples, but elevated petroleum constituents were detected in only one (1) sample collected beneath one of the sumps. Los Angeles County DPW referred the case to the Regional Board January 2018. The site is currently a medical center with two (2) diesel USTs used to power emergency generators.

10. Manhattan Beach Fuel

1100 Manhattan Beach Blvd, Manhattan Beach

Substance: Gasoline, Diesel, Oil

Source: Dispenser

The release was discovered during a Phase II ESA October 2018. The site was a service station and auto repair facility from the mid-1970s until 2008. The Phase II ESA report submitted to Los Angeles County DPW October 2018 indicates petroleum constituents in the gasoline, diesel, and oil range were detected in soil and benzene, xylenes, and tetrachloroethene were detected in soil gas. Los Angeles County DPW referred the case to the Regional Board February 2019. Additional subsurface investigation was performed March 2019; five (5) soil borings were advanced to between 20 and 30 feet bgs and petroleum constituents were detected in one (1) boring at 10 feet bgs. The subsurface

investigation report recommends remedial excavation to remove remaining contamination. The Regional Board issued a letter approving proposed remedial excavation April 2019. The Site is currently vacant and its perimeter is fenced.

11. Southwestern Precision Co

1939 144th Street, Gardena

Substance: Gasoline

Source: Unknown

The release was discovered during a Phase II ESA January-February 2018. There is no record of removal of the former UST and clarifier, but a January 2018 geophysical survey did not identify subsurface anomalies. Los Angeles County DPW referred the case to the Regional Board May 2018. Six (6) monitoring wells were installed July 2018 and petroleum constituent concentrations exceeding water quality objectives (WQOs) were reported in all six wells. Four (4) vacuum truck over-purge events were conducted as a remedial strategy to limit off-site migration of groundwater contamination October 2018-January 2019, reportedly removing 3,259 gallons of impacted groundwater. Additional quarterly monitoring and groundwater over-purge is planned. The site is currently a vacant warehouse and paved parking lot.

12. Shayan Capital Ventures

103 West Palmdale Blvd, Palmdale

Substance: Diesel

Source: Dispenser

The release was discovered when two (2) UST systems were removed May 2018. The UST Closure Report submitted to Los Angeles County DPW May 2018 indicates petroleum constituents were detected in one (1) soil sample collected beneath one of the former dispensers. Los Angeles County DPW referred the case to the Regional Board September 2018. The site is currently a vacant, unpaved, fenced lot.

13. United Oil #119

10211 Alondra Blvd, Bellflower

Substance: Diesel

Source: Dispenser

The release was discovered during under-dispenser containment (UDC) upgrades September 2018. The Dispenser Sampling Report submitted to Los Angeles County DPW September 2018 indicates one (1) soil sample was collected beneath the UDC after removal and petroleum constituents were detected in the sample. Los Angeles County DPW referred the case to the Regional Board November 2018. The Regional Board issued a Request for Additional Information November 2018 but there is no record of a response. There are multiple violations for the site in CERS related to secondary containment during the July 2018 inspection that have not returned to compliance as of April 2019. The site remains an active fueling facility.

Alameda County Department of Environmental Health (7 cases)

14. 5132 Telegraph Avenue

5132 Telegraph Avenue, Oakland

Substance: Diesel

Source: Tank

The release was discovered when a UST was encountered during site redevelopment and removed October 2017. A second UST was encountered December 2017. There is no record of removal of the

second UST. Excavation of impacted soil to 15 to 22 feet bgs was conducted January and February 2018. There is no information on the location of the USTs relative to the excavations and sample locations. A Request for Closure was submitted February 2019. A Notice of Intent for Site Closure was issued by the Regional Board February 2019, but the case status is Open – Remediation. The site is currently undergoing redevelopment as a mixed-use residential and retail building.

15. 610 Market St

610 Market St, Oakland

Substance: Gasoline, Diesel

Source: Tank

The release was discovered when three (3) single-walled USTs were removed December 2015 but was not reported until after remaining product lines were removed in 2018. The Underground Storage Tank Removal Sampling Results Report submitted to Alameda County Department of Environmental Health (DEH) June 2018 indicates petroleum constituents were detected beneath the tanks during removal; the consultant indicates in the report that they believe the petroleum constituents encountered were the result of a previous release that has received regulatory closure. A previous case at the site was opened in 1995 and closed in 2013. Alameda County DEH issued a Notice of Responsibility September 2018. The site is currently a vacant, unpaved, fenced lot.

16. Alliance Residential Redevelopment (LUST) 2820 Broadway, Oakland

Substance: Gasoline, Diesel, Waste Oil

Source: Tank, Piping

The release was discovered when three (3) USTs were discovered during site redevelopment on three separate dates and removed April 2018. Records indicate several different automobile dealerships and service shops occupied the site between 1920 and 2017. The UST Closure Report submitted to Alameda County DEH May 2018 indicates rusting and holes in the tanks and piping were noted during removal and petroleum constituents were detected in soil samples collected beneath the tanks and in grab groundwater samples collected from the tank excavation. A Site Conceptual Model was submitted December 2018 which indicates remedial excavation to 15 feet bgs was performed April-May 2018 and approximately 771 pounds of oxygen release compound (ORC) pellets were applied to the central portion of the excavation prior to backfilling. There was a Site Cleanup Program case opened in 2015 to address TCE detected at the site. The site is currently undergoing redevelopment as a mixed-use residential and retail building.

17. Bender Property

250 12th Street, Oakland

Substance: Diesel, Gasoline

Source: Unknown

The release was discovered during a Phase II ESA November/December 2017 when petroleum constituents were detected in soil, groundwater, and sub-slab vapor samples. The September 2017 Phase I ESA indicates there was no record of removal of USTs associated with two (2) fueling stations that operated at the site. The first fueling station operated from 1950 to 1960 and the second operated from 1964 to 1974. A geophysical investigation performed December 2017 determined it was unlikely that USTs remained at the site. Additional sub-slab vapor sampling was performed July 2018; petroleum constituents were detected below Regional Board screening limits, but TCE was detected above the screening limit. Alameda County DEH requested a work plan for additional assessment October 2018 and granted a requested work plan extension until May 2019. A Draft Soil and Groundwater Management Plan was submitted January 2019 for construction activities

associated with planned site redevelopment. The site is currently a day spa, but redevelopment as a childcare center is planned.

18. CFN Cardlock Facility

533 Exchange Court, Livermore

Substance: Diesel

Source: Dispenser, Piping

The release was discovered during under-dispenser containment (UDC) upgrades March 2018. There are no reports in GeoTracker, but the Notice of Responsibility issued by Alameda County April 2018 indicates petroleum constituents were detected in soil beneath six (6) of the eleven (11) UDCs. The site remains an active fueling facility.

19. City of Piedmont

120 Vista Avenue, Piedmont

Substance: Diesel, Gasoline

Source: Tank, Piping

The release was discovered during a removal of two (2) USTs August 2018. A Tank Closure Report submitted September 2018 indicates petroleum constituents were detected in one (1) grab groundwater sample and in soil samples collected near the west end of the diesel tank and beneath the diesel piping. Alameda County DEH issued a Request for Site Investigation Work Plan April 2019. The site is currently the City of Piedmont City Hall and Fire Station.

20. McDonald Ralston Family Trust Property 2435 Blanding Ave, Alameda

Substance: Gasoline

Source: Tank

The release was discovered during the removal of one single-walled (1) UST August 2018. The Underground Tank Technical Closure Report submitted to Alameda County DEH August 2018 indicates petroleum constituents were detected in soil samples and a grab groundwater sample collected from the tank pit. A Work Plan for Limited Phase II Subsurface Investigation was submitted March 2019. The work plan indicates that petroleum hydrocarbon sheen was noted on tank pit water at the time of UST removal. The site is a vacant former automobile body repair facility.

San Francisco City & County Public Health Department (5 cases)

21. 1035 Howard Street

1035 Howard Street, San Francisco

Substance: Unknown

Source: Tank

The release was discovered when two (2) USTs were removed October 2018. The Underground Storage Tank Closure Report submitted to San Francisco City & County Public Health Department (San Francisco DPH) October 2018 indicates one of the tanks was in good condition and one was in poor condition with at least one visible hole. Low levels of petroleum were detected beneath the tank that was reportedly in good condition, while the samples that were collected beneath the tank that was in poor condition reported only lead at or near background levels. The case was closed April 2019. The site is a 3-story building currently undergoing construction to change the use from warehouse/manufacturing to office space.

22. 1301 Cesar Chavez Street	1301 Cesar Chavez Street, San Francisco
Substance: Diesel, Hydraulic Oil	Source: Tank, Piping
<p>There is no indication in GeoTracker of how the release was discovered; the Unauthorized Release Report indicates “Other” under How Discovered and “Unknown” under Cause(s). A representative for the site sent an undated letter indicating they believe the petroleum constituents are due to previous site use as a copra oil processing plant and unrelated to USTs, noting that hydraulic oil was detected and has never been stored in USTs at the site. The site had been the subject of a massive cleanup in the 1990s when SF Muni Railway purchased the property. The case was closed December 2018. The San Francisco DPH caseworker indicated the case was closed because the new release was considered insignificant compared with residual contamination from previous releases. The site is currently a San Francisco Municipal Transportation Agency bus maintenance facility.</p>	
23. 5190 3rd Street	5190 3rd Street, San Francisco
Substance: Gasoline	Source: Tank
<p>The release was reported when one (1) single-walled UST was removed March 2018. Available reports do not indicate how the tank was discovered, but it was not in use immediately prior to its removal and the age of the tank was noted to be unknown. The Underground Storage Tank Closure Report submitted to San Francisco DPH April 2018 indicates an Unauthorized Release Report was submitted because holes were observed in the tank; however, petroleum constituents were not detected in soil samples collected beneath the tank and from the stockpile. The case was closed January 2019. The site is currently a one-story retail/commercial building and parking lot which appears to be vacant.</p>	
24. 986 South Van Ness	986 South Van Ness, San Francisco
Substance: Waste Oil	Source: Tank
<p>The release was reported when one (1) single-walled UST, one (1) sump, and one (1) hydraulic hoist were removed February 2018. Petroleum constituents and chlorinated solvents had been detected in soil and soil vapor samples collected May and July 2017, prior to the UST removal; however, the UST Removal Report submitted to San Francisco DPH April 2018 indicates poly-aromatic hydrocarbons (PAHs) were the only constituents detected above screening levels in soil samples collected from the UST pit. The site is currently a vacant automotive repair facility. Current redevelopment plans include a five-story residential building above podium parking.</p>	
25. USPS	1300 Evans Street, San Francisco
Substance: Diesel	Source: Tank, Piping
<p>There are no documents in GeoTracker, but Site History notes in GeoTracker indicate one (1) UST was removed without a representative from San Francisco DPH present June 2018. San Francisco DPH staff were present for UST, piping, and UDC sampling two (2) days after UST removal. Notes indicate diesel was detected in soil and groundwater. Notes also indicate “it is likely results from the 2018 UST removal action are from historical USTs releases. No historical data or maps were submitted with the</p>	

UST removal report.” The site is currently a United States Postal Service processing and distribution center and post office.

Los Angeles City Fire Department (3 cases)

26. 1500 Granville Property **11776 Santa Monica Blvd, Los Angeles**

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

The release was discovered when four single-walled (4) USTs were discovered during site redevelopment December 2017 and removed February 2018. The dispensers and piping had previously been removed. The UST Closure Report submitted to Los Angeles City Fire Department (LAFD) March 2018 indicates minor petroleum constituents were detected in soil beneath two (2) USTs and elevated petroleum constituents were detected in a soil sample collected beneath one of the USTs. LAFD referred the case to the Regional Board June 2018. A Site Assessment Report and Low-Threat Closure Request was submitted February 2019. The site is currently undergoing redevelopment as a mixed-use residential and retail complex.

27. Chevron Station #207669 **4000 Figueroa St, Los Angeles**

Substance: Oil, Waste Oil **Source: Unknown**

The release was reported when petroleum constituents were detected during UDC and dispenser upgrades April 2018. The Under-Dispenser Containment and Dispenser Upgrade Soil Sampling Report indicates Total Petroleum Hydrocarbons as Motor Oil detected beneath the UDCs and piping and in the stockpile at low levels was the main contaminant of concern. LAFD referred the case to the Regional Board September 2018. The Regional Board issued a request for additional information and a response was submitted October 2018. The response indicates a waste oil UST was removed and an oil UST was closed in-place in 1998. The case was closed April 2019. The site remains an active commercial fueling facility.

28. Honda of Hollywood **6522 Santa Monica Blvd, Los Angeles**

Substance: Unknown **Source: Unknown**

The release was reported when petroleum constituents were detected during a Phase II ESA and Additional Site Assessment June 2017. The Additional Site Assessment Report submitted to LAFD June 2017 indicates low levels of petroleum constituents were detected in soil and soil gas samples and benzene was detected slightly above the WQO in one (1) grab groundwater sample; however, the presence of chlorinated solvents appears to be the primary risk driver. Reports indicate that a backfilled UST excavation is present at the site, but no information on the contents of the former UST or when it was removed were reported. LAFD referred the case to the Regional Board February 2018. A Remedial Action Completion Report was submitted October 2018, documenting the removal of approximately 32.5 cubic yards of impacted soil. A Pre-Closure Notification was issued December 2018 indicating the case would be closed February 2019; however, the case status is Open – Remediation as of April 2019. The site is currently a paved parking lot.

Orange County Health Care Agency, Environmental Health (3 cases)

<p>29. OCTA Garden Grove</p>	<p>11790 Cardinal Circle, Garden Grove</p>
<p>Substance: Gasoline, Diesel, Oil</p>	<p>Source: Unknown</p>
<p>The release was reported when two (2) USTs were removed August 2018. The Soil Sampling and Analysis Report submitted September 2018 indicates the USTs that were removed were liquid natural gas USTs, but petroleum hydrocarbons in the gasoline, diesel, and motor oil range were detected in soil samples collected from beneath the former USTs and stockpiles. No other USTs are mentioned in GeoTracker reports, but CERS indicates there are five active USTs at the site containing gasoline, motor oil, waste oil, and waste transmission fluid. There is no information about the location of the additional USTs relative to the removed USTs. CERS also indicates the gasoline UST failed piping sump and fill sump secondary containment testing November 2017 and returned to compliance August 2018. Additional investigation was performed December 2018 which included the advancement of four (4) soil borings and collection of soil and grab groundwater samples. Results of the investigation were reported in the January 2019 Site Investigation Work Plan and indicate elevated petroleum constituents in the gasoline, diesel, and motor oil range were detected in soil and groundwater. The Work Plan, which proposes additional soil borings, an SVE pilot test, and delineation of groundwater, was partially approved April 2019 with the Regional Board suggesting that additional investigation be postponed until after the SVE pilot test. The site is currently an Orange County Transportation Authority Bus Base which includes bus maintenance and refueling facilities.</p>	
<p>30. Wayne Perry Inc.</p>	<p>8281 Commonwealth Ave, Buena Park</p>
<p>Substance: Gasoline, Diesel</p>	<p>Source: Tank, Dispenser</p>
<p>The release was discovered when three (3) single-walled USTs were closed in-place and associated piping and dispensers were removed February 2018. The UST Abandonment In Place and Site Assessment Report submitted to Orange County Health Care Agency April 2018 indicates petroleum constituents were detected in soil samples collected from beneath the former dispensers and between 5 and 12 feet bgs from borings advanced near the tanks. Samples collected at 17 feet bgs, at the bottom of the borings, reported low to non-detect results. A Soil and Groundwater Investigation Report was submitted December 2018 documenting installation of three (3) groundwater monitoring wells. A work plan for installation of one (1) offsite well was approved April 2019. The site currently includes multiple office buildings and storage containers as well as an equipment and materials storage yard.</p>	
<p>31. Wayne Perry Inc.</p>	<p>8301 Commonwealth Ave, Buena Park</p>
<p>Substance: Gasoline, Diesel</p>	<p>Source: Tank, Dispenser</p>
<p>The release was discovered when two (2) UST systems were removed January 2018. The Revised UST Removal and Site Assessment Report submitted to Orange County Health Care Agency May 2018 indicates petroleum constituents were detected in soil samples collected beneath the USTs and dispenser and in groundwater samples collected from temporary wells installed near the eastern end</p>	

of the tank pits. A Soil and Groundwater Investigation Report was submitted December 2018 documenting the installation of one groundwater monitoring well and collection of soil and groundwater samples. The site currently includes multiple office buildings as well as an equipment and materials storage yard.

Santa Clara County Environmental Health (3 cases)

<p>32. 3666 El Camino</p>	<p>3666 El Camino Real, Palo Alto</p>
<p>Substance: Gasoline, Diesel</p>	<p>Source: Unknown</p>
<p>The release was reported after a subsurface investigation July 2018. The August 2018 Additional Subsurface Investigation Report indicates petroleum constituents were detected in four (4) groundwater samples and one (1) soil gas sample but were not detected in soil samples. The site was a gas station from the 1930s to the 1970s, then continued operation as an automotive repair facility until at least 1991. A Site Assessment Work Plan submitted February 2019 proposes additional soil and soil gas sampling as well as installation of four (4) groundwater monitoring wells. The site consists of one single-story multi-suite commercial building, an asphalt-paved parking lot, and associated landscaping.</p>	
<p>33. 7-Eleven #37996</p>	<p>14660 Monterey Road, Morgan Hill</p>
<p>Substance: Gasoline</p>	<p>Source: Unknown</p>
<p>The release was discovered when three (3) USTs were removed and replaced May 2018. The UST Removal and Replacement Report submitted to Santa Clara County Department of Environmental (DEH) Health August 2018 indicates petroleum constituents were detected in a grab groundwater sample collected from the tank pit but were not detected in soil samples collected beneath the tank, piping, or dispensers. Approximately 15,500 gallons of groundwater were pumped from the excavation and transported offsite for treatment and disposal. Approximately 1,006 tons of soil were transported offsite for disposal. A Site Assessment Report submitted April 2019 documents the installation of three (3) groundwater monitoring wells and associated soil sampling; petroleum constituents were not detected in groundwater samples collected from the monitoring wells and were detected at low levels in two soil samples. Santa Clara County DEH responded to the Site Assessment Report requesting one round of groundwater monitoring and additional assessment downgradient of the USTs. The site remains an active commercial fueling facility.</p>	
<p>34. VTA North Yard</p>	<p>1235 La Avenida Street, Mountain View</p>
<p>Substance: Diesel</p>	<p>Source: Piping</p>
<p>The release was discovered when stained pea gravel with diesel odor was encountered during UDC replacement. The August 2018 Unauthorized Release/Contamination Report indicates the UDCs required replacement due to failure of secondary containment testing. The November 2018 Initial Site Assessment Report indicates diesel was detected in soil and grab groundwater samples. An Additional Site Assessment Workplan proposing five (5) soil borings was submitted and approved February 2019. The site remains a bus yard and active fueling facility.</p>	

Bakersfield Fire Department (2 cases)

35. Mesa Marin Chevron	11101 State Highway 178, Bakersfield
Substance: Gasoline, Diesel	Source: Dispenser, Piping
<p>The release was discovered January 2018 when four (4) single-walled USTs originally installed in 1983 were removed. The UST Closure and Interim Remedial Action Report submitted to the Central Valley Regional Board January 2018 indicates significant hydrocarbon contamination was encountered beneath both dispensers. CERS records indicate significant UST violations cited in 2015, 2016 and 2017, but all had returned to compliance as of 2017. The impacted soil beneath the dispensers was over-excavated to 10 feet bgs February 2018. Bakersfield Fire Department referred the case to the Regional Board April 2018. The site is currently an active commercial fueling facility.</p>	

36. Westchester Mobil	3200 "F" Street, Bakersfield
Substance: Gasoline	Source: Tank, Piping
<p>The release was discovered when slant drilled soil borings were advanced near the tanks and dispensers August 2018. The January 2019 Preliminary Groundwater Assessment Workplan indicates low levels of petroleum constituents were detected in soil beneath the tanks at 20 to 30 feet bgs. The Workplan also notes that discolored soil and hydrocarbon odor was noted in one soil boring near the tanks within the capillary fringe of groundwater from approximately 28 to 30 feet bgs. The Workplan proposes installation of four monitoring wells to assess potential groundwater impact. The workplan was approved January 2019. The site remains an active commercial fueling facility.</p>	

Placer County Environmental Health (2 cases)

37. Cutthroat Kings Beach	8555 Cutthroat Ave, Kings Beach
Substance: Gasoline	Source: Tank, Piping
<p>The release was discovered when two (2) USTs were removed June 2018. There are no reports for this case in GeoTracker, but the June 2018 Unauthorized Release Form indicates the source of the discharge was the tank and piping, and the cause was corrosion. The Regional Board requested a Site Assessment Report January 2019. Based on satellite images and street view, the site is currently a storage yard with an office building.</p>	

38. Flyers #10	2349 Lindbergh Street, Auburn
Substance: Jet Fuel	Source: Unknown
<p>The release was discovered when one UST was removed April 2018. The May 2018 UST Removal Summary Memorandum indicates the tank was noted to be in good condition upon removal and petroleum constituents were detected in the grab groundwater sample collected from the excavation pit. A Soil and Groundwater Investigation Work Plan was submitted March 2019 and approved April 2019. The Work Plan proposes drilling of three (3) soil borings and collection of soil and groundwater samples. The site is currently a warehouse/hanger building located next to the Auburn Municipal</p>	

Airport. The address for the site in GeoTracker appears to be incorrect as all documents reference a site address of 2349 Rickenbacker Way.

San Bernardino County Fire Department (2 cases)

39. Barstow Probation Building

1300 Mountain View Street, Barstow

Substance: Waste Oil

Source: Tank

The release was reported when one (1) UST was removed April 2018. The UST had previously been abandoned in-place and filled with concrete. The UST Removal Report submitted to San Bernardino County Fire Department May 2018 indicates petroleum constituents were detected in soil samples collected beneath the UST. In August 2018, impacted soil was over-excavated to approximately 12 feet bgs, with approximately 48 tons of impacted soil reportedly removed. Petroleum constituents were not detected in excavation bottom and sidewall samples. The case was closed April 2019. The site is an office building in the final stages of renovation for use by the San Bernardino County Probation Department.

40. Swift Transportation

9951 Banana Street, Fontana

Substance: Diesel

Source: Tank, Piping, Dispensers

The release was reported when one (1) UST was removed March 2018. The laboratory results submitted to San Bernardino County Fire Department March 2018 indicate diesel was detected beneath the tank and dispensers with highest concentrations beneath a dispenser at 4.5 feet bgs. San Bernardino County Fire Department referred the case to the Regional Board November 2018. The site is a vacant former trucking terminal which includes a large office building and large parking lot.

San Joaquin County Environmental Health Department (2 cases)

41. Buggy Bath Car Wash

2085 E. Main Street, Stockton

Substance: Gasoline, Diesel

Source: Unknown

The case was opened based on groundwater results from a case across the street (Case Name: American Medical Response West, Address: 2060 East Main Street) which indicate that a release may be coming from the site. In a February 2019 Request for Environmental Assessment letter the Regional Board indicated there were USTs present at the site from 1939 to 1974. In response to the letter, the current owners provided the Regional Board staff with a title record for the site which, along with other records, show that ARCO owned and operated the USTs from 1952 to 1973. The Regional Board issued a Request for Environmental Assessment to ARCO March 2019. The site is currently a self-service car wash.

42. Sanguinetti Property

2085 S. Mariposa Road, Stockton

Substance: Gasoline, Diesel

Source: Tank

The release was discovered during a Phase II ESA conducted April 2018. The May 2018 Phase II Site Assessment Report indicates petroleum constituents were detected in soil samples collected in the area of the former USTs. San Joaquin County Environmental Health Department referred the case to the Regional Board December 2018. A Site Assessment Work Plan was submitted and approved April

2019. The Work Plan proposes advancement of three (3) soil borings and collection of soil and groundwater samples. The site is currently vacant and unpaved.

Butte County Public Health Department (1 case)

43. M&K Properties

231 & 235 Main Street, Chico

Substance: Gasoline, Oil, Diesel

Source: Tank

The release was discovered when two (2) USTs were removed after they were discovered in the alley space between two buildings August 2018. Laboratory results submitted September 2018 indicate gasoline, diesel, and oil range petroleum hydrocarbons were detected in soil beneath the tanks. The site has two commercial/retail buildings.

El Dorado County Department of Environmental Management (1 case)

**44. Cardinale Way / Jim Bagan
Toyota**

**1855 Lake Tahoe Blvd, South Lake
Tahoe**

Substance: Gasoline

Source: Tank

The release was discovered when a UST that was discovered during construction was removed August 2018. The October 2018 Results of Subsurface Investigation Report indicates soil beneath the UST was visibly impacted by petroleum contamination and soil sampling confirmed the presence of petroleum constituents. Eleven (11) soil borings were advanced at the site September 2018 and soil and groundwater samples were collected. The results indicate that the soil contamination is limited to the area near the former USTs and there are significant impacts to groundwater. A work plan was submitted March 2019 that proposes installation of five (5) groundwater monitoring wells and two (2) soil vapor probes, a sensitive receptor survey, and collection of indoor air and ambient outdoor air samples. The site is a car dealership which includes facilities for car repair services.

Glenn County Air Pollution Control District (1 case)

45. Willows Motor Supply

112 West Wood Street, Willows

Substance: Gasoline, Stoddard Solvent

Source: Tank, Dispenser

The release was discovered during a Phase II ESA November 2018. The site had been an automotive oil change and storage facility from 1912 to 1924 and a gas station from the 1930s until 1986 with four gasoline USTs and one waste oil UST. The Limited Phase II ESA Report indicates gasoline and Stoddard Solvent were detected in soil beneath the former USTs and former pump islands with the highest concentrations detected beneath pump islands. Petroleum constituents were also detected in a grab groundwater sample collected near the former gasoline USTs. A Work Plan for Site Assessment proposing additional soil and groundwater sampling was submitted and approved April 2019. The site is currently a warehouse/commercial building which has been used as an auto parts store since 1986.

Imperial County CUPA - DTSC (1 case)

46. Calipatria Queen Market 7788

101 E Main Street, Calipatria

Substance: Gasoline, Diesel	Source: Tank
<p>The release was discovered March 2018 when soil borings were advanced as part of an investigation performed in anticipation of the upcoming December 2025 single-walled tank closure deadline. The highest detections of petroleum constituents were reported near the USTs. Imperial County referred the case to the Regional Board May 2018. A Supplemental Soil and Initial Groundwater Assessment Report was submitted March 2019 which indicates groundwater has been impacted by the release. The report recommends additional offsite investigation to delineate contamination. The site remains an active fueling facility. The current USTs have been in operation since 1984.</p>	

Mendocino County Environmental Health (1 case)

47. Willits Service Station (Former)	101 Main Street North, Willits
Substance: Gasoline	Source: Tank
<p>The release was discovered when three (3) USTs that had been "partially closed in-place with sand" and associated piping were encountered during road construction and removed July 2018. Records indicate the USTs were likely associated with a gas station that operated between the 1930s and 1970s. The Underground Storage Tank Removal Report indicates petroleum constituents were detected beneath two (2) of the USTs. Mendocino County Department of Environmental Health referred the case to the Regional Board July 2018. A Site Investigation Work Plan proposing installation of eight (8) soil borings and collection of soil and groundwater samples was submitted February 2019 and approved April 2019. The site is currently a retail/commercial building.</p>	

Nevada County Environmental Health Department (1 case)

48. Donner Park 76	12373 Donner Pass Road, Truckee
Substance: Gasoline	Source: Unknown
<p>The release was reported when two (2) USTs were removed August 2018. County of Nevada Environmental Health Department inspection notes indicate the tanks were observed to be free of visible cracks or deterioration. A laboratory report submitted September 2018 indicates petroleum constituents were not detected in soil, but petroleum constituents and ethanol were detected at low levels in a grab groundwater sample collected from the tank pit. The site is the location of a previous case that was closed in 2006. The Regional Board requested a Site Assessment Report February 2019 and in April 2019 granted a report extension until June 2019. The site is a vacant former fueling station.</p>	

Riverside County Department of Environmental Health (1 case)

49. University of California, Riverside	1160 University Avenue, Riverside
Substance: Gasoline	Source: Tank
<p>The release was reported when low levels of petroleum constituents were detected during a site investigation December 2017. The UST systems associated with the former fueling station had been removed in 1977. The Limited Site Investigation Summary Report indicates low levels of petroleum constituents were detected in soil in the vicinity of the former USTs. The case was closed March 2018,</p>	

with the closure summary noting that the petroleum constituents detected were below regulatory cleanup standards and limited to shallow soil. The site is part of the University of California, Riverside campus and currently includes a vacant, unpaved lot and a paved parking area. The 2016 Phase I ESA report indicates a medical office building was planned for the site.

Sacramento County Environmental Management Department (1 case)

50. Frontier Citizens Telecom

11810 Washington Ave, Sacramento

Substance: Diesel

Source: Tank

The release was reported when one (1) UST that had been used to fuel a standby generator was removed March 2018. The UST Removal Report submitted to Sacramento County Environmental Management Department June 2018 indicates petroleum constituents were detected in grab groundwater samples collected from the tank pit. Approximately 5,000 gallons of groundwater were removed from the tank pit using a vacuum truck and disposed offsite April 2018. Recharge into the excavation pit occurred and petroleum constituents were not detected in the grab groundwater sample collected after the dewatering event. A Work Plan for Soil and Groundwater Investigation proposing six soil borings and collection of soil and groundwater samples was submitted September 2018 and approved February 2019. The site is paved and contains a large warehouse and a large telecommunications tower.

San Diego County Department of Environmental Health (1 case)

51. 2005 Morena Property

2005 Morena Blvd, San Diego

Substance: Gasoline

Source: Tank

The release was reported when petroleum constituents were detected in soil samples collected December 2017 and a groundwater sample collected March 2018. Five (5) USTs had previously been removed August 1986. At the time of UST removal, a slight gasoline odor was noted but there is no record of sample collection. The Preliminary Site Assessment Report submitted to San Diego County Department of Environmental Health indicates the highest concentrations of petroleum constituents were detected in the vicinity of the former tanks. A December 2018 Site Assessment Report documents the installation of four (4) groundwater monitoring wells at the site August 2018 and proposes installation of two (2) additional groundwater wells. The recommendation for additional groundwater monitoring wells was approved December 2018. The site is currently a vacant automotive service garage.

San Leandro City Environmental Services (1 case)

52. Penske Truck Rental

10755 Bigge Street, San Leandro

Substance: Waste Oil

Source: Tank

The release was discovered when two USTs were removed October 2018. The Compliance Soil Sampling and UST Closure Report submitted January 2019 indicates the USTs were observed to be in good condition with no corrosion or holes; however, waste oil staining was noted on the outside of the product piping sump, stained pea gravel was noted beneath the waste oil UST, and a small amount of free product was noted on top of perched water in the waste oil UST excavation pit. Soil and groundwater results confirmed the presence of petroleum constituents. The City of San Leandro

Environmental Services Section referred the case the Regional Board February 2019. The site is a truck rental facility that includes an active vehicle fueling area.

San Mateo County Environmental Health (1 case)

53. Summerhill Property

1019 Rollins Road, Burlingame

Substance: Gasoline, Diesel

Source: Tank

The release was discovered when petroleum constituents were detected in samples collected from the sidewalls of a remedial excavation in the vicinity of the former UST pit as part of site redevelopment May 2018. The January 2019 Case Closure Memo indicates approximately 5,075 tons petroleum impacted soil were excavated and transported offsite for disposal May-September 2018. The case was closed April 2019. The site is currently undergoing redevelopment as an apartment building.

Santa Monica Fire Department (1 case)

54. WS Communities

1550 Lincoln Blvd, Santa Monica

Substance: Gasoline

Source: Tank

The release was discovered when three USTs were encountered during excavation and grading activities and removed July 2018. The August 2018 UST Closure Report indicates obvious hydrocarbon staining was encountered beneath the USTs and was over-excavated to a depth of 14 feet bgs. Approximately 192 tons of impacted soil were transported offsite for disposal. Records indicate a gasoline and tire service station existed at the property from 1929 to 1968. The Santa Monica Fire Department referred the case to the Regional Board September 2018. Additional excavation and grading activities were conducted August to October 2018 removing an additional 4,800 cubic yards of soil. Petroleum constituents were not detected in soil samples collected October 2018. The case status was changed to Open – Eligible for Closure March 2019 and a note in GeoTracker indicates closure is pending upper management review. The site is currently undergoing redevelopment as a mixed-use residential and retail building.

Solano County Environmental Health Services (1 case)

55. Solano Motors

1206 North Texas Street, Fairfield

Substance: Gasoline, Diesel, Waste Oil

Source: Tank

The release was discovered when two USTs with unknown contents were discovered and removed May 2018. The USTs had reportedly not been used for at least 30 years prior to removal. The July 2018 UST Removal and Soil Sample Analysis Report indicates petroleum constituents in the gasoline, diesel, and oil range were detected in soil and grab groundwater samples. One monitoring well was installed March 2019 and low levels of petroleum constituents were detected in groundwater collected from the well. A Notice of Consideration for Regulatory Closure was issued by Solano County Environmental Health April 2019. The site is currently vacant with a one-story former auto repair building and parking lot.

Sonoma County Fire and Emergency Services Department (1 case)

56. Santa Rosa Avenue Former Gas Station 3111 Santa Rosa Ave, Santa Rosa	
Substance: Gasoline	Source: Unknown
<p>The release was discovered when petroleum constituents were detected in soil and groundwater samples collected as part of a site investigation November 2017. A former service station was reportedly located at the site from the 1920s to 1940s. A geophysical survey was conducted in 2007 that concluded there were no remaining USTs at the site. Seven (7) groundwater monitoring wells were installed October 2018. A Work Plan for Additional Subsurface Investigation proposing additional soil borings and conversion of selected borings to monitoring wells was submitted and approved March 2019. The site is a paved commercial storage yard.</p>	

Tehama County Environmental Health (1 case)

57. Red Bluff High School 1260 Union Street, Red Bluff	
Substance: Gasoline, Diesel	Source: Tank, Dispenser
<p>The release was discovered when two (2) USTs were discovered during site construction and removed May 2018. The Soil Removal and Subsurface Investigation Report submitted to the Regional Board July 2018 indicates petroleum constituents were detected beneath the northern UST which contained several visible holes. The southern UST was damaged by equipment during removal and approximately 750 gallons of “petroleum smelling liquid” flowed from the UST into the excavation; the URF notes that soil excavated prior to the tank rupture also had a strong petroleum smell. Tehama County Environmental Health referred the case to the Regional Board May 2018. Free product removal and soil removal conducted between May and July 2018 removed a total of approximately 700 gallons of petroleum-impacted sludge, 9,400 gallons of water, and 815 tons of soil. Soil vapor samples collected near the northern UST July 2018 did not report detectable concentrations of petroleum constituents. The case was closed February 2019. The site is Red Bluff High School.</p>	

New LUST Case (Old Release, Old Discovery) - 6 cases

Los Angeles City Fire Department (3 cases)

58. Former Service Station 110-114 Boyles Ave S, Los Angeles	
Substance: Gasoline, Diesel	Source: Unknown
<p>The release was discovered when petroleum constituents were detected during a subsurface investigation conducted March 2009. LAFD referred the case to the Regional Board February 2018. Additional assessment was conducted May 2018 including soil and soil gas sampling and a geophysical survey. Four (4) subsurface anomalies were noted during the geophysical survey. The report indicates the anomalies were likely associated with remnants of the former building's foundation and utilities, but the presence of USTs could not be ruled out. The Regional Board issued a Pre-Closure Notification</p>	

November 2018, but the City of Los Angeles and the California Redevelopment Agency of Los Angeles responded January 2019 requesting additional Regional Board oversight of remedial excavation required as part of site redevelopment. A revised Remedial Action Plan for excavation of an area approximately 20 ft by 20 ft to 15 to 25 feet bgs was conditionally approved April 2019. The site is currently a partially paved vacant lot. The Redevelopment Agency plans to build affordable housing on the site.

59. Greg’s Exclusive Auto Body

8000 3rd Street W, Los Angeles

Substance: Gasoline

Source: Tank, Dispenser

The release was discovered during a Phase II ESA December 2016. The Phase II ESA Report submitted to LAFD March 2017 indicates petroleum constituents were detected in soil and soil vapor samples collected near the USTs and former dispenser area. Three (3) UST fill ports were identified at the site and it was confirmed that USTs remain in-place but are no longer in-use. There is no available information about the dates the UST systems operated. LAFD referred the case to the Regional Board May 2018. A work plan proposing soil and groundwater investigation in addition to investigation to determine if USTs are present was approved February 2019. The site is currently a vacant former auto body repair shop.

60. United Oil #5624

5552 Century Blvd W, Los Angeles

Substance: Gasoline

Source: Piping

The release was discovered during vent line replacement April 2016. The Healy Vapor Recovery System Vent Line Soil Sampling Report submitted to LAFD May 2016 indicates elevated petroleum constituents were detected in one (1) soil sample collected along the fuel product lines. LAFD referred the case to the Regional Board March 2018. Five (5) soil borings were advanced September 2018 and petroleum constituents above action limits were reported at 5 and 20 feet bgs, but not at 10 and 15 feet bgs. The October 2018 Additional Site Investigation Report concluded that results indicate more than one release has occurred at the Site. The case status was changed to Open – Eligible for Closure January 2019. The site is an active commercial fueling facility.

Los Angeles County Department of Public Works (3 cases)

61. Chevron Service Station #9-4566

14021 Valley View Ave, La Mirada

Substance: Gasoline

Source: Unknown

The release was discovered when one (1) waste oil UST was removed and three (3) gasoline USTs were moved to a new location at the site August 1998. The UST System Upgrade and UST Removal Report submitted to Los Angeles County DPW November 1998 indicates petroleum constituents above screening limits were detected in stockpile soil and petroleum constituents below screening limits were detected beneath the former waste oil UST. Approximately 97 tons of stockpiled soil was transported offsite for disposal. Los Angeles County DPW referred the case to the Regional Board April 2018. The site is currently an active commercial fueling facility.

62. Davidson Optronics Inc

2223 Ramona Blvd W, West Covina

Substance: Spent Cutting Oil

Source: Piping

The release was reported when one (1) UST was removed September 1991. The UST contained wastewater and spent cutting oil. The UST Closure Report submitted to Los Angeles County DPW October 1991 indicates soil discoloration was noted adjacent to the piping that extended from the building and elevated petroleum constituents were reported in shallow soil samples collected along the perimeter of the excavation adjacent to the exposed piping. Los Angeles County DPW referred the case to the Regional Board February 2018. The case was closed August 2018. The Site History section of the UST Low Risk Case Review Form (Form) completed by the Regional Board April 2018 indicates additional soil and soil vapor assessment was completed between 1991 and 1996 as part of a Well Investigation Program case, but documentation of the assessments is not available in GeoTracker. The Form also indicates the site is being referred to the Regional Board’s Site Cleanup Program due to the presence of chlorinated solvents; however, a Site Cleanup Program case has not been opened. The site is currently a warehouse and paved parking lot.

63. Mission Paving and Sealing

815 Commercial Ave, San Gabriel

Substance: Gasoline, Diesel

Source: Tank, Dispenser

The release was discovered when two (2) single-walled USTs were removed from the site April 1999. The UST Removal Report submitted to Los Angeles County DPW October 1999 indicates elevated petroleum constituents were detected in soil samples collected beneath the tanks and dispensers. Los Angeles County DPW referred the case to the Regional Board April 2018. A subsurface soil investigation was performed December 2018 in which soil samples were collected between 5 and 60 feet bgs and remaining contamination was horizontally and vertically delineated. A Request for No Further Action was submitted January 2019. A Pre-Closure Notification was issued March 2019. The site is currently a large paved parking lot used for commercial bus storage with an office building and garage. The site was reportedly in escrow as of December 2018 with the perspective purchaser reportedly intending to construct a self-storage facility on the site.

Case Changed to Non-Case Information Case Type - 1 case

Contra Costa County Health Services Department (1 case)

64. The Dead Fish

20050 San Pablo Ave, Crockett

Substance: Diesel

Source: Tank

One (1) UST system was discovered when a building inspector encountered the dispenser island and fill pipe. The UST was estimated to be more than 50 years old when it was removed March 2018. Approximately 10 cubic yards of impacted soil were over-excavated at the time of the UST removal. The April 2018 Unauthorized Release Form indicates the substance released was diesel and the source of discharge was the tank. A report on the UST removal is not in GeoTracker, but a laboratory report with soil sample results has been uploaded. The case type in GeoTracker was changed to Non-Case Information February 2019. The site is currently a restaurant.

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
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

Appendix B: California UST Leak Prevention: January - December 2018 Annual Report

CERS Violation Name	Violation Type Number
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