

SEMI-ANNUAL AGENCY STATUS REPORT

FIRST HALF OF CALIFORNIA FISCAL YEAR 2015/2016

July 1, 2015 through December 31, 2015

This Report presents leaking underground storage tank (LUST) case performance data collected from GeoTracker. Metrics reported include case closure rates, average case age, low-threat closure checklist completion rates, agency response times to submittals, case load status and Cleanup Fund (CUF) funding for nine Regional Water Quality Control Boards (Regional Water Boards), the California State Water Resources Control Board (State Water Board), 13 Local Oversight Program (LOP) Agencies which were active during the period of performance, first half of California Fiscal Year 2015/2016 (CA FY 2015/2016). This Agency Status Report has been prepared as an in-kind task as part of the Cooperative Agreement LS-99T10301 between U.S. Environmental Protection Agency (USEPA) Region 9 and the State Water Board.

Agency Type	Cases Closed for the First Half of CA FY 2015/2016	Gross Closure Rate for the First Half of CA FY 2015/2016
State and Regional Water Boards	282	8.2%
LOPs	164	11.0%
Statewide†	447	9.0%

† Includes cases assigned to and closed by former LIA and LOP Agencies in GeoTracker during the first half of CA FY 2015/2016 not reported elsewhere in this report.

Table 1: Case Closure Overview

Figure 1: California Net and Gross Case Closure Rates

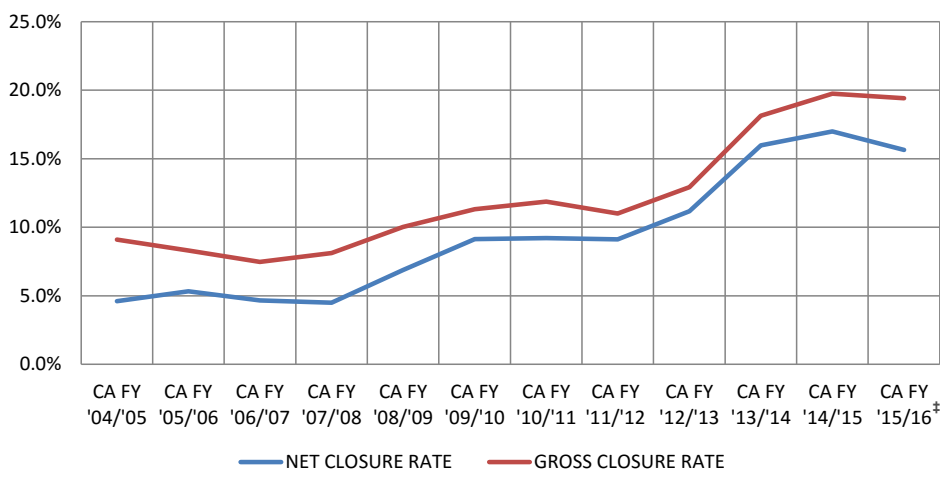


Figure 1 shows statewide net & gross closure rates. **Net Closure Rate** is calculated from the difference in the number of cases from the beginning to end of the performance period, and represents the difference in total case load during the period. **Gross Closure Rate** is calculated based on the total number of cases closed, versus the number of open cases at the start of the performance period. For a breakdown of closure rates by agency, see Tables 4 & 5.

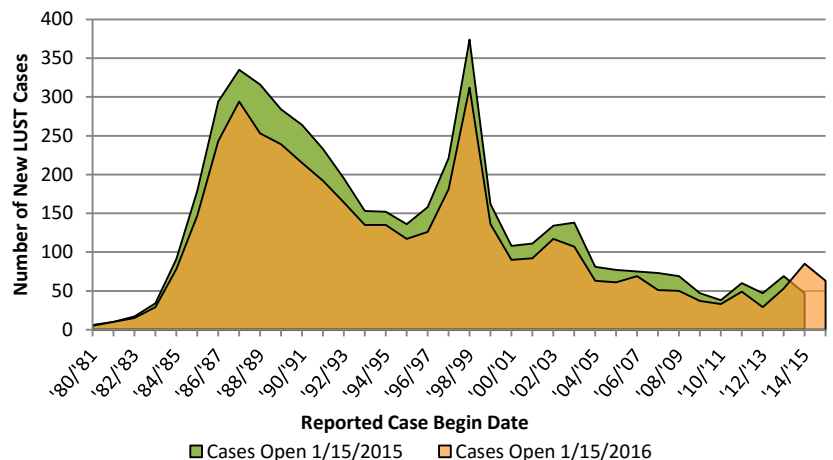
Source: CA FY '15/'16 data were taken from the GeoTracker Advanced Case Reporting Tool on 1/15/2016. Data for previous fiscal years were taken from previous Agency Status Reports. All data presented include Military UST cases.

‡: Closure rates for FY '15/'16 were extrapolated based on the 6 month trend for the first half of CA FY '15/'16

Figure 2: Year on Year Comparison of LUST Case Begin Dates

Figure 2 shows a year on year comparison of reported case begin dates for LUST cases open in GeoTracker on 1/15/2015 and 1/15/2016. The area between the two curves represents the cases closed during the 12 month period from January 2015 to January 2016.

Source: Case begin dates were taken from the GeoTracker Advanced Case Reporting Tool Report on 1/15/2015 and 1/15/2016. For cases without a valid begin date, the Report Dates were compiled directly from GeoTracker on 1/15/2015 and 1/15/2016.



Tables 2 & 3 present data about the number of UST and Military UST cases open at the end of the first half of CA FY 2015/2016 by agency, the funding per open case for the period of performance, the average age of open LUST cases for water boards and LOPs, and the average age of each military UST case for each water board.

The Average Funding per Open Case for California FY 2015/2016 was calculated by dividing the total budget allocation for each agency by the number of open cases assigned to that agency on 7/1/2015. The averages presented for State and Regional Water Boards, and All LOPs were calculated as a weighted average based on the number of cases assigned to each agency. The averages presented for State and Regional Water Boards does not include cases assigned to the State Board due to a lack of budget data for this agency.

Source: All FY 2015/2016 case closure data in **Tables 2 & 3** were taken from the GeoTracker Advanced Case Reporting Tool on 1/15/2016. Data for California FY 2015/16 Funding per Open Case were compiled from agency budget data provided by the State Water Board in July 2015 and data exported from the GeoTracker Advanced Case Reporting Tool on 1/15/2016. Military UST Site data were compiled from the GeoTracker Cleanup Sites Data Download on 1/15/2016. (available at: https://geotracker.waterboards.ca.gov/data_download.asp).

Table 2: State & Regional Water Board Open Case Data

Agency	Number of Open LUST & Military UST Cases as of 12-31-2015	Number of Open Military UST Cases as of 12-31-2015	Number of New Releases in the First Half of California FY 2015/2016	Average Agency Oversight Funding per Open Case for the First Half of California FY 2015/2016	Average Age of Open LUST Cases (Years)	Average Age of Open Military UST Cases (Years)
Region 1	171	28	1	\$5,399	21.1	19.2
Region 2	489	111	0	\$2,639	22.8	18.6
Region 3	169	35	0	\$1,968	21.4	21.7
Region 4	974	32	34	\$3,556	18.0	22.2
Region 5 (All)	680	87	4	\$4,051	19.2	23.7
Region 5F	162	11	3	N/A	18.5	23.3
Region 5R	70	0	0	N/A	16.1	N/A
Region 5S	448	76	1	N/A	20.1	23.8
Region 6 (All)	135	55	2	\$2,985	16.8	19.2
Region 6T	81	1	2	N/A	16.8	22.5
Region 6V	54	54	0	N/A	N/A	19.1
Region 7	97	22	0	\$5,617	19.3	19.2
Region 8	214	8	0	\$4,378	21.4	24.3
Region 9	210	117	0	\$2,192	20.9	16.8
State Water Board	71	0	0	N/A	15.0	N/A
State and Regional Water Boards	3210	495	41	\$3,538	19.7	19.7

Table 3: LOP Open Case Data

Agency	Number of Open LUST & Military UST Cases as of 12-31-2015	Number of Open Military UST Cases as of 12-31-2015	Number of New Releases in the First Half of California FY 2015/2016	Average Agency Oversight Funding per Open Case for the First Half of California FY 2015/2016	Average Age of Open LUST Cases (Years)
Alameda	182	0	4	\$6,580	19.1
Humboldt	56	0	0	\$4,878	21.0
Orange	217	0	0	\$4,517	21.5
Riverside	43	0	2	\$11,634	15.2
Sacramento	122	0	0	\$5,755	17.2
San Diego	175	1	1	\$8,949	19.0
San Francisco	71	0	13	\$6,012	15.4
San Mateo	110	0	5	\$7,410	18.9
Santa Barbara	66	0	1	\$9,038	21.3
Santa Clara	137	0	3	\$5,115	23.6
Solano	41	0	1	\$6,222	18.7
Sonoma	96	0	1	\$6,226	21.3
Tulare	40	0	0	\$2,654	19.4
All LOPs	1356	1	31	\$6,420	19.8

Table 4: State & Regional Water Board Case Closure Data

Tables 4 & 5 presents the number of LUST and Military USTs open at the beginning of the performance period for each Regional Board and LOP. Also presented are the number of cases closed during the fiscal year, the net and gross closure rates for the period of performance and a comparison to the 5 year average closure rate for each agency. The average age of cases closed during the period are also presented.

Net Closure Rate is calculated from the difference in the number of cases from the beginning to end of the performance period, and represents the difference in total case load during the period.

Gross Closure Rate is calculated based on the total number of cases closed, versus the number of open cases at the start of the performance period.

Source: All FY 2015/2016 case closure data in Tables 4 & 5 were taken from the GeoTracker Advanced Case Reporting Tool on 1/15/2016. Historical closure rate data were taken from previous Agency Status Reports. Data for California FY 2013/14 Funding per Case Closure were compiled from agency budget data provided by the State Water Board in July 2014 and case closure data compiled from the GeoTracker Advanced Case Reporting Tool on 1/15/2016.

Agency	Number of Open LUST and Military UST Cases as of 7-1-2015	Number of Cases Closed in the First Half of CA FY 2015/2016	Net Closure Rate for the First Half of California FY 2015/2016	Gross Closure Rate for the First Half of California FY 2015/2016	Five Year Gross Closure Rate Average	Average Age of Case at Time of Closure in the First Half of CA FY 2015/2016 (Years)
Region 1	187	18	8.6%	9.6%	15.9%	17.7
Region 2	512	29	4.5%	5.7%	12.9%	20.6
Region 3	187	19	9.6%	10.2%	12.7%	24.7
Region 4	1028	88	5.3%	8.6%	11.2%	17.3
Region 5 (All)	735	61	7.5%	8.3%	14.7%	17.4
Region 5F	179	20	9.5%	11.2%	15.9%	17.9
Region 5R	78	10	10.3%	12.8%	20.2%	8.1
Region 5S	478	31	6.3%	6.5%	13.1%	20.2
Region 6 (All)	151	18	10.6%	11.9%	16.7%	12.9
Region 6T	97	18	16.5%	18.6%	17.5%	12.9
Region 6V	54	0	0.0%	0.0%	15.3%	N/A
Region 7	99	2	2.0%	2.0%	8.6%	19.9
Region 8	223	9	4.0%	4.0%	8.5%	20.8
Region 9	222	13	5.4%	5.9%	10.7%	13.0
State Water Board	96	25	26.0%	26.0%	29.8%	16.1
State and Regional Water Boards	3440	282	6.7%	8.2%	12.9%	17.9

Table 5: LOP Case Closure Data

Agency	Number of Open LUST and Military UST Cases as of 7-1-2015	Number of Cases Closed in the First Half of CA FY 2015/2016	Net Closure Rate for the First Half of California FY 2015/2016	Gross Closure Rate for the First Half of California FY 2015/2016	Five Year Gross Closure Rate Average	Average Age of Case at Time of Closure in the First Half of CA FY 2015/2016 (Years)
Alameda	194	16	6.2%	8.2%	14.8%	17.3
Humboldt	60	4	6.7%	6.7%	17.9%	9.6
Orange	234	17	7.3%	7.3%	11.0%	21.7
Riverside	43	2	0.0%	4.7%	19.8%	11.5
Sacramento	134	12	9.0%	9.0%	16.8%	21.6
San Diego	200	26	12.5%	13.0%	16.0%	18.1
San Francisco	82	24	13.4%	29.3%	36.2%	4.4
San Mateo	120	15	8.3%	12.5%	17.2%	17.5
Santa Barbara	71	6	7.0%	8.5%	21.8%	17.7
Santa Clara	159	26	13.8%	16.4%	15.1%	22.4
Solano	45	5	8.9%	11.1%	17.2%	14.0
Sonoma	100	6	4.0%	6.0%	14.8%	20.0
Tulare	45	5	11.1%	11.1%	14.1%	21.2
All LOPs	1487	164	8.8%	11.0%	17.5%	17.0

Table 6: CUF Enrollment and Funding for Corrective Action Analysis by Agency

Agency	Total Number of Open Cases in the CUF on 1/15/2016	Total Number of Open Cases Not In the CUF on 1/15/2016	Distribution of Claims Paid for Open CUF Cases					Average Amount Paid per CUF Case at Time of Case Closure
			\$0	\$1 - \$500k	\$500K - \$1M	\$1M - \$1.4M	\$1.4M+	
State & Regional Water Boards								
Region 1	93	50	18.3%	44.1%	19.4%	5.4%	12.9%	\$ 248,713
Region 2	180	194	36.7%	32.8%	17.2%	10.0%	3.3%	\$ 251,969
Region 3	72	61	27.8%	26.4%	23.6%	11.1%	11.1%	\$ 347,194
Region 4	436	507	36.5%	18.8%	20.9%	14.0%	9.9%	\$ 383,215
Region 5F	83	68	19.3%	48.2%	19.3%	8.4%	4.8%	\$ 356,579
Region 5R	40	30	12.5%	42.5%	20.0%	20.0%	5.0%	\$ 243,736
Region 5S	291	78	27.5%	18.6%	24.1%	20.3%	9.6%	\$ 327,885
Region 6T	45	32	28.9%	17.8%	17.8%	17.8%	17.8%	\$ 465,616
Region 6V	0	0	N/A	N/A	N/A	N/A	N/A	\$ 148,574
Region 7	35	40	14.3%	54.3%	25.7%	0.0%	5.7%	\$ 473,726
Region 8	116	90	35.3%	19.0%	19.8%	11.2%	14.7%	\$ 477,146
Region 9	59	33	27.1%	49.2%	13.6%	5.1%	5.1%	\$ 498,378
State Water Board	27	44	44.4%	44.4%	11.1%	0.0%	0.0%	\$ 565,761
State & Regional Water Boards	1477	1227	30.5%	27.2%	20.4%	12.9%	9.0%	\$ 340,050
Local Oversight Programs								
Alameda County	100	82	43.0%	29.0%	17.0%	6.0%	5.0%	\$ 198,286
Humboldt County	34	22	20.6%	35.3%	26.5%	11.8%	5.9%	\$ 190,673
Orange County	169	48	50.3%	11.8%	14.2%	10.7%	13.0%	\$ 352,487
Riverside County	31	12	16.1%	48.4%	25.8%	6.5%	3.2%	\$ 246,904
Sacramento County	69	52	36.2%	27.5%	20.3%	10.1%	5.8%	\$ 246,110
San Diego County	108	65	42.6%	14.8%	25.9%	10.2%	6.5%	\$ 202,790
San Francisco County	26	45	46.2%	30.8%	11.5%	3.8%	7.7%	\$ 159,811
San Mateo County	73	36	46.6%	27.4%	17.8%	4.1%	4.1%	\$ 180,536
Santa Barbara County	40	25	27.5%	17.5%	27.5%	12.5%	15.0%	\$ 404,125
Santa Clara County	99	37	31.3%	25.3%	20.2%	9.1%	14.1%	\$ 261,934
Solano County	24	16	33.3%	33.3%	20.8%	12.5%	0.0%	\$ 218,393
Sonoma County	83	12	24.1%	19.3%	41.0%	7.2%	8.4%	\$ 178,787
Tulare County	34	5	11.8%	32.4%	32.4%	20.6%	2.9%	\$ 214,373
All LOPs	890	457	37.2%	23.1%	22.1%	9.2%	8.3%	\$ 234,454

Table 6 presents a breakdown of LUFT cases by Cleanup Fund Status, amount paid to date, and the average amount paid per case at the time of closure by agency. Please note that since Military UST cases are not eligible for the CUF they are not included in the numbers presented in this table. **Source:** Case Reporting Tool on 1/15/2016.

Table 7: Agency Response Time by Submittal Type

Agency	Workplans				Closure Requests			
	Percentage of No Response - Response Overdue	Percentage of Responses Issued Late	Percentage of On-Time Responses	Percentage of No Response - Response Not Yet Due	Percentage of No Response - Response Overdue	Percentage of Responses Issued Late	Percentage of On-Time Responses	Percentage of No Response - Response Not Yet Due
State and Regional Water Boards								
Region 1	3.8%	11.5%	73.1%	11.5%	12.5%	0.0%	50.0%	37.5%
Region 2	0.0%	6.8%	81.8%	11.4%	0.0%	16.0%	68.0%	16.0%
Region 3	0.0%	0.0%	94.1%	5.9%	0.0%	0.0%	94.7%	5.3%
Region 4	3.9%	9.0%	81.3%	5.8%	2.7%	4.1%	78.4%	14.9%
Region 5S	3.0%	0.0%	95.5%	1.5%	0.0%	0.0%	89.7%	10.3%
Region 5R	0.0%	14.3%	71.4%	14.3%	14.3%	0.0%	57.1%	28.6%
Region 5F	0.0%	0.0%	97.0%	3.0%	0.0%	0.0%	100.0%	0.0%
Region 6T	0.0%	0.0%	94.1%	5.9%	11.1%	0.0%	77.8%	11.1%
Region 7	0.0%	14.3%	85.7%	0.0%	0.0%	0.0%	50.0%	50.0%
Region 8	10.0%	5.0%	65.0%	20.0%	12.5%	12.5%	50.0%	25.0%
Region 9	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
State Water Board	No Workplans Submitted				0.0%	0.0%	100.0%	0.0%
State & Regional Water Boards	2.7%	5.7%	85.3%	6.4%	3.4%	4.4%	77.5%	14.7%
Local Oversight Programs								
Alameda	0.0%	0.0%	97.4%	2.6%	0.0%	0.0%	97.5%	2.5%
Humboldt	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	87.5%	12.5%
Orange	0.0%	0.0%	96.5%	3.5%	0.0%	0.0%	95.0%	5.0%
Riverside	0.0%	0.0%	95.2%	4.8%	0.0%	0.0%	80.0%	20.0%
Sacramento	0.0%	2.3%	93.2%	4.5%	0.0%	4.4%	88.9%	6.7%
San Diego	0.0%	1.4%	95.8%	2.8%	0.0%	0.0%	100.0%	0.0%
San Francisco	50.0%	14.3%	35.7%	0.0%	66.7%	8.3%	16.7%	8.3%
San Mateo	0.0%	0.0%	92.3%	7.7%	0.0%	0.0%	100.0%	0.0%
Santa Barbara	7.7%	0.0%	92.3%	0.0%	12.5%	12.5%	62.5%	12.5%
Santa Clara	0.0%	0.0%	98.6%	1.4%	0.0%	0.0%	93.8%	6.3%
Solano	0.0%	0.0%	92.9%	7.1%	0.0%	0.0%	90.0%	10.0%
Sonoma	0.0%	0.0%	91.9%	8.1%	0.0%	0.0%	94.4%	5.6%
Tulare	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
All LOPs	1.5%	0.8%	94.2%	3.6%	3.2%	1.6%	89.8%	5.4%

Table 7 presents the percentage of agency responses to workplan and closure request submittals which were on time (less than 60 days from the date of submittal), late (greater than 60 days from the date of submittal), and not yet issued.

Source: Data for **Table 7** were taken from the GeoTracker Agency Response Report on 1/15/2016 and are presented as a percentage of total submitted closure requests or workplans for each agency for the period of performance. Data were polled for the period 7/1/2015 to 12/31/2015.

Table 8: Overall Case Status

Agency	Number of Open Cases on 1/15/2016	Case Status as a Percentage of Total Cases					Number of Cases with a Status of "Open - Eligible for Closure"	Number of Cases with a Status of Open - Site Assessment for 10 years or More	Number of cases with no Regulatory Activity in 2 Years or More	
		Open - Site Assessment	Open - Remediation	Open - Verification Monitoring	Open - Eligible for Closure	Open - Inactive				
WATER BOARDS	Region 1	143	24.5%	49.0%	7.7%	11.2%	7.7%	16	4	30
	Region 2	374	45.7%	27.0%	5.1%	13.6%	8.6%	51	105	48
	Region 3	133	30.8%	34.6%	14.3%	19.5%	0.8%	26	16	11
	Region 4	943	37.4%	44.3%	2.1%	13.3%	2.9%	125	60	92
	Region 5F	151	57.6%	32.5%	3.3%	6.6%	0.0%	10	41	4
	Region 5R	70	35.7%	37.1%	5.7%	20.0%	1.4%	14	4	13
	Region 5S	369	27.1%	44.7%	17.9%	10.3%	0.0%	38	19	4
	Region 6T	77	15.6%	27.3%	18.2%	19.5%	19.5%	15	2	15
	Region 7	75	24.0%	44.0%	4.0%	10.7%	17.3%	8	1	10
	Region 8	206	27.7%	34.0%	13.6%	17.0%	7.8%	35	25	3
	Region 9	92	44.6%	33.7%	1.1%	20.7%	0.0%	19	11	0
	State Water Board	71	1.4%	2.8%	1.4%	94.4%	0.0%	67	1	3
	State & Regional Water Boards	2704	34.8%	38.2%	7.1%	15.7%	4.3%	424	289	233
LOPS	Alameda County	182	31.3%	39.6%	9.9%	19.2%	0.0%	35	22	1
	Humboldt County	56	57.1%	12.5%	10.7%	19.6%	0.0%	11	0	0
	Orange County	217	26.7%	41.9%	10.6%	20.7%	0.0%	45	24	3
	Riverside County	43	27.9%	41.9%	4.7%	25.6%	0.0%	11	4	0
	Sacramento County	121	35.5%	20.7%	24.8%	14.9%	4.1%	18	28	21
	San Diego County	173	45.1%	41.0%	5.2%	8.7%	0.0%	15	16	1
	San Francisco County	71	39.4%	19.7%	11.3%	28.2%	1.4%	20	2	4
	San Mateo County	109	59.6%	16.5%	6.4%	17.4%	0.0%	19	15	0
	Santa Barbara County	65	26.2%	35.4%	7.7%	30.8%	0.0%	20	10	1
	Santa Clara County	136	30.9%	25.7%	19.1%	24.3%	0.0%	33	22	0
	Solano County	40	12.5%	47.5%	12.5%	25.0%	2.5%	10	3	4
	Sonoma County	95	33.7%	24.2%	30.5%	11.6%	0.0%	11	7	0
	Tulare County	39	28.2%	51.3%	7.7%	5.1%	7.7%	2	9	5
	All LOPs	1347	35.6%	32.4%	12.7%	18.6%	0.7%	250	162	40
ALL Military UST Cases State Wide	496	47.0%	30.2%	3.0%	5.0%	14.7%	25	136	N/A	

Table 8 presents the percentage of cases assigned to each case status by agency, along with the number of cases which do not appear to be progressing towards closure.

Please note data presented for "Open - Remediation" also include cases with an assigned status of "Open - Assessment & Interim Remedial Action" in GeoTracker.

Source: All Case Status data shown on Overall Case Status tables were exported from the GeoTracker Cleanup Sites Data Download on 1/15/2016 (available at: https://geotracker.waterboards.ca.gov/data_download.asp), the GeoTracker Regulatory Activity Report for LUST Cleanup Sites on 1/15/2016, and the GeoTracker Low Threat Closure Policy Summary Report on 1/15/2016. "Total Number of Cases" presented here does not include Military UST Sites and so may not match the numbers presented in other tables.

Figure 3: State & Regional Water Board LTCP Review Status

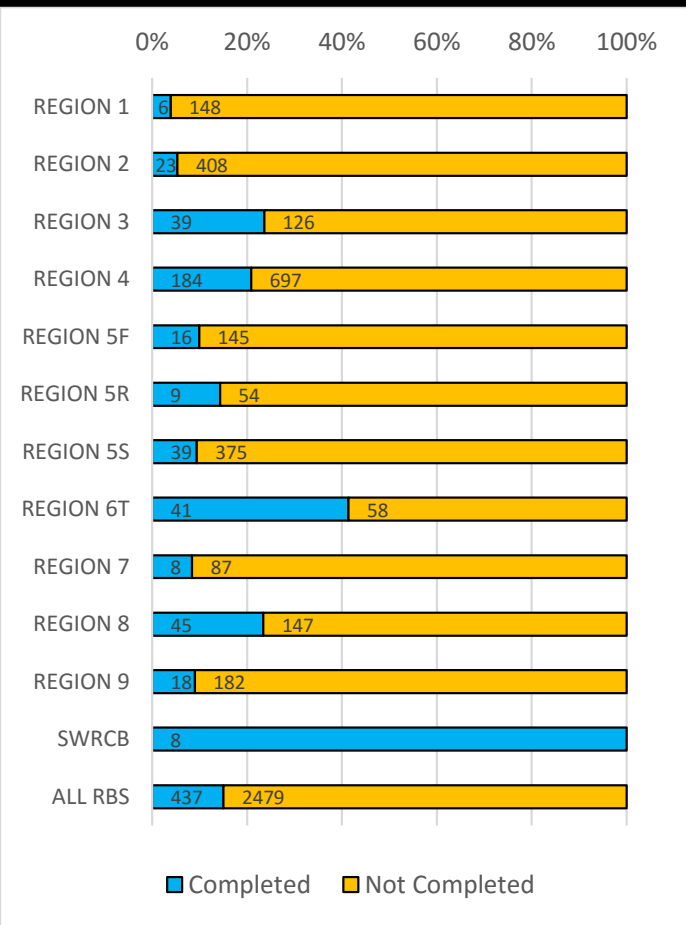
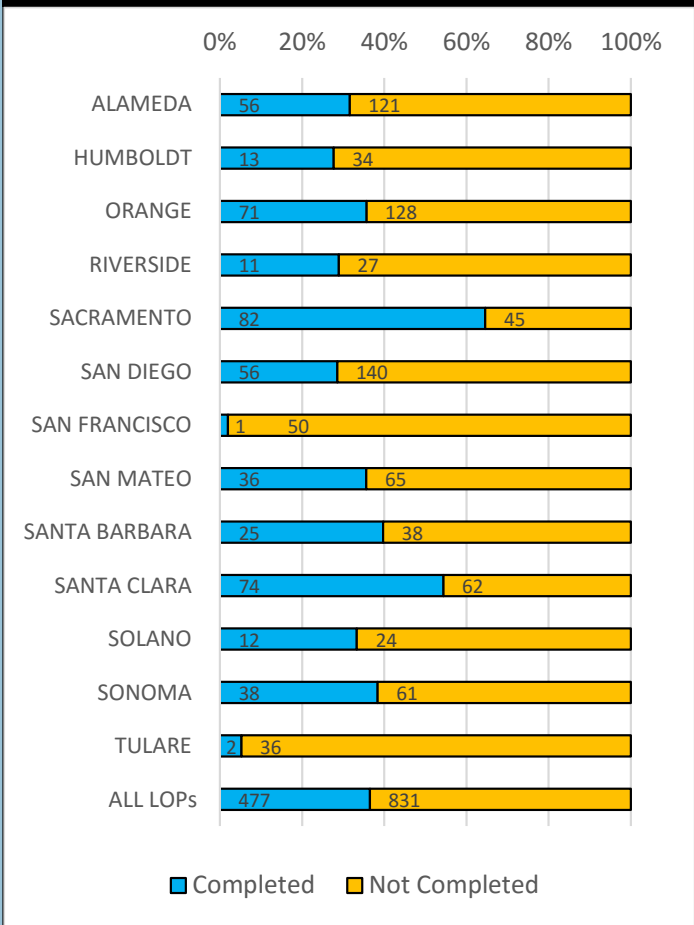


Figure 4: LOP LTCP Review Status



Figures 3 & 4 show the number of cases with a Low-Threat Closure Policy (LTCP) checklist completed vs. cases without an LTCP checklist completed in the first half of fiscal year 2015/2016. Please note that both new releases and cases with a status of Open-Eligible for Closure are not required by the LTCP to have an LTCP checklist completed this fiscal year. The totals above exclude cases with a status of “Open—Eligible for Closure” but do include new releases.

Source: Data for Figures 3 & 4 were taken from the GeoTracker Low-Threat Closure Policy Review Summary Report on 1/15/2016.

Table 9: Impacted Drinking Water Wells, Well Status, and Time Frame for Impact

	All Types and Time Frames	Domestic			Municipal			
		Current	Historical	Potential	Current	Historical	Potential	
Well Status	Abandoned	9	0	5	3	0	1	0
	Active	245	74	28	116	10	7	10
	Active Treated	64	40	9	1	11	3	0
	Destroyed	70	6	46	7	0	11	0
	Inactive	84	27	15	16	16	8	2
	All Well Statuses	472	147	103	143	37	30	12

Table 9 shows an analysis of impacted drinking water wells by the type of well and the time frame for impact as indicated in the GeoTracker Risk Pages for LUST cases in the State of California.

Source: The data for Table 9 were compiled from the GeoTracker Impacted / Nearby Wells Report 1/15/2016.

Table 10: Statewide LUST Case Status Breakdown

Case Status	Percentage of Cases Open During Period Statewide	Number of Cases Statewide on 1/15/2016	Average Length of Time a Case Has Been Assigned This Status (Years)	Average Age of Cases (Years)
Leak Reported	72 New releases were reported in the first half of CA FY 2015/2016, accounting for 1.6% of open cases [†]			
Open - Site Assessment	31.9%	1443	8.5	17.9
Open - Remediation	32.6%	1474	7.4	21.8
Open - Verification Monitoring	8.1%	368	4.6	22.6
Open - Eligible for Closure	14.9%	675	1.2	20.5
Completed - Case Closed [‡]	9.6%	432	N/A	17.4
Open - Inactive	2.8%	128	3.6	18.6
Average Age of All Open LUST Cases (Years)	20.2			

Table 10 shows the number of LUST cases statewide assigned to each case status, the average length of time that each case has been assigned to each status and the average age of cases assigned to each status.

Please note that “Leak Reported” is not a case status, and that most cases with a leak reported during the period of performance have an official case status of “Open—Site Assessment.”

Also note that the age of closed cases is the age of the case at the time of closure during FY 2015/2016.

The numbers presented here represent cases state wide and may include cases assigned to former LIA’s and other agencies not reported in other figures in this report which exclude these agencies.

†: Includes all new releases reported during the period of performance resulting in an open LUST case.
 ‡: Cases closed during the period of performance.
Source: Data shown in Table 10 were exported from the GeoTracker Cleanup Sites Data Download on 1/15/2016 (Available at: https://geotracker.waterboards.ca.gov/data_download.asp) except for Case Begin Dates which were exported from GeoTracker Advanced Case Reporting Tool captured 1/15/2016.

Photograph 1: UST being crushed by a backhoe

