

# ANNUAL AGENCY STATUS REPORT

## CALIFORNIA FISCAL YEAR 2015/2016

July 1, 2015 through June 30, 2016

This Annual Agency Status Report (report) presents leaking underground storage tank (LUST) case performance data collected from GeoTracker including case closure rates, average case age, agency response time to submittals, Cleanup Fund (CUF) hours budgeted, and Military UST site metrics 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

| Agency Type                     | Cases Closed in FY 2015/2016 | Gross Closure Rate CA FY 2015/2016 |
|---------------------------------|------------------------------|------------------------------------|
| State and Regional Water Boards | 471                          | 13.7%                              |
| LOPs                            | 311                          | 21.4%                              |
| Statewide†                      | 782                          | 16.0%                              |

† Includes cases assigned to and closed in GeoTracker by the USEPA, DTSC, former LOP Agencies, and Los Angeles County during CA FY 2015/2016, and cases with non-standard case statuses not reported elsewhere in this report.

**Table 1: Case Closure Overview**

performance, California Fiscal Year 2015/2016 (CA FY 2015/2016). This report has been prepared as part of the Cooperative Agreement LS-99T10301-4 between U.S. Environmental Protection Agency (USEPA) Region 9 and the State Water Board.

**Figure 1: California Net and Gross Case Closure Rates**

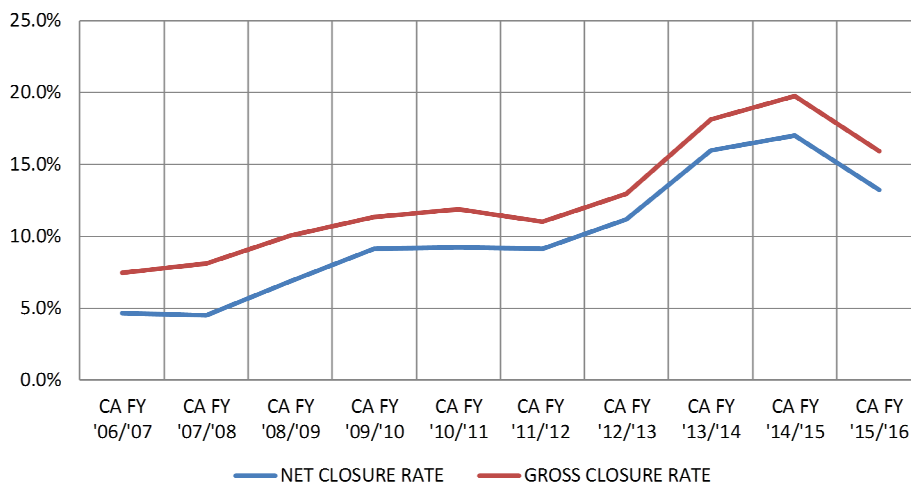


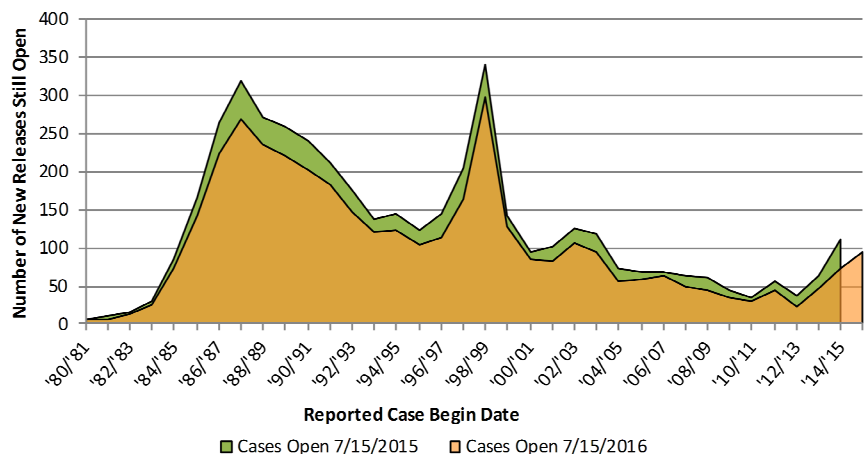
Figure 1 shows statewide net and gross closure rates. **Net Closure Rate** is calculated from the difference in the number of cases from the beginning to end of the performance period, and represents the difference in total case load during the period. **Gross Closure Rate** is calculated based on the 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 and 5.

**Source:** CA FY '15/'16 data were taken from the GeoTracker Advanced Case Reporting Tool on 7/15/2016. Data for previous fiscal years were taken from previous Agency Status Reports. All data presented include Military UST cases.

**Figure 2: Year on Year Comparison of Age Distribution of California's LUST Cases**

Figure 2 shows a year on year comparison of reported case begin dates for LUST cases open in GeoTracker on 7/15/2015 and 7/15/2016. The area between the two curves represents the cases closed during the 12 month period from July 2015 to July 2016.

**Source:** Case begin dates were taken from the GeoTracker Advanced Case Reporting Tool Report on 7/15/2015 and 7/15/2016. For cases without a valid begin date, the Report Dates were compiled directly from GeoTracker on 7/15/2015 and 7/15/2016.



**Table 2: State and Regional Water Board Open Case Data**

| Agency                          | Number of Open LUST & Military UST Cases as of 6/30/2016 | Number of Open Military UST Cases as of 6/30/2016 | Number of New Releases in CA FY 2015/2016 | Average Age of Open LUST Cases (Years) | Average Age of Open Military UST Cases (Years) |
|---------------------------------|--|---|---|--|--|
| Region 1                        | 169  | 28  | 2   | 21.3                                   | 19.6   |
| Region 2                        | 439  | 109   | 2   | 23.1                                   | 19.2   |
| Region 3                        | 145  | 25  | 0   | 22.2                                   | 21.1   |
| Region 4                        | 942  | 31  | 38  | 18.6                                   | 23.2   |
| Region 5 (All)                  | 673  | 82  | 9   | 19.7                                   | 24.1   |
| Region 5F                       | 183  | 7   | 6   | 18.9                                   | 22.2   |
| Region 5R                       | 66   | 0   | 1   | 16.2                                   | N/A  |
| Region 5S                       | 424  | 75  | 2   | 20.7                                   | 24.3   |
| Region 6 (All)                  | 128  | 54  | 6   | 17.3                                   | 19.8   |
| Region 6T                       | 75   | 1   | 6   | 17.3                                   | 23.0   |
| Region 6V                       | 53   | 53  | 0   | N/A                                    | 19.8   |
| Region 7                        | 93   | 22  | 0   | 20.0                                   | 19.7   |
| Region 8                        | 200  | 8   | 2   | 21.6                                   | 24.8   |
| Region 9                        | 198  | 116   | 0   | 21.2                                   | 17.3   |
| State Water Board               | 47   | 0   | 0   | 14.6                                   | N/A  |
| State and Regional Water Boards | 3034   | 475   | 59  | 20.1                                   | 20.2   |

**Table 3: LOP Open Case Data**

| Agency        | Number of Open LUST & Military UST Cases as of 6/30/2016 | Number of Open Military UST Cases as of 6/30/2016 | Number of New Releases in CA FY 2015/2016 | Average Age of Open LUST Cases (Years) |
|---------------|--|---|---|--|
| Alameda       | 172  | 0   | 6   | 19.3                                   |
| Humboldt      | 49   | 0   | 0   | 21.7                                   |
| Orange        | 196  | 0   | 1   | 22.3                                   |
| Riverside     | 38   | 0   | 3   | 14.8                                   |
| Sacramento    | 113  | 0   | 2   | 17.3                                   |
| San Diego     | 160  | 0   | 5   | 19.2                                   |
| San Francisco | 68   | 0   | 22  | 14.1                                   |
| San Mateo     | 97   | 0   | 7   | 20.8                                   |
| Santa Barbara | 57   | 0   | 1   | 22.7                                   |
| Santa Clara   | 121  | 0   | 3   | 24.4                                   |
| Solano        | 38   | 0   | 1   | 19.5                                   |
| Sonoma        | 93   | 0   | 8   | 20.6                                   |
| Tulare        | 1  | 0   | 0   | 16.9                                   |
| All LOPs      | 1203   | 0   | 59  | 20.1                                   |

Tables 2 and 3 present data about the number of UST and Military UST cases open at the end of CA FY 2015/2016 by agency, the average age of open LUST cases for water boards and LOPs, and the average age of Military USTs for Regional Water Boards.

**NOTE:** Tulare County ceased to be an LOP on 7/1/2016.

**Source:** All CA FY 2015/2016 case closure data in Tables 2 and 3 were taken from the GeoTracker Advanced Case Reporting Tool on 7/15/2016. Data for CA FY 2015/2016.

Military UST Site data were compiled from the GeoTracker Cleanup Sites Data Download on 7/15/2016. (available at: <https://geotracker.waterboards.ca.gov/datadownload>).

**Table 4: State and Regional Water Board Case Closure Data**

**Tables 4 and 5** present the number of LUST and Military USTs open at the beginning of the performance period for each Regional Water 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.

**NOTE:** Tulare County ceased to be an LOP on 7/1/2016.

**Source:** All CA FY 2015/2016 case closure data in **Tables 4 and 5** were compiled from the GeoTracker Advanced Case Reporting Tool on 7/15/2016. Historical closure rate data were taken from previous Agency Status Reports. Case closure data for CA FY 2015/2016 was compiled from the GeoTracker Advanced Case Reporting Tool on 7/15/2016; historical closure rate data was compiled from previous Agency Status Reports.

| Agency                          | Number of Open LUST and Military UST Cases as of 7/1/2015 | Number of Cases Closed in CA FY 2015/2016 | Net Closure Rate for CA FY 2015/2016 | Gross Closure Rate for CA FY 2015/2016 | Five Year Gross Closure Rate Average | Average Age of Case at Time of Closure for CA FY 2015/2016 (Years) |
|---------------------------------|---|---|--------------------------------------|--|--------------------------------------|--|
| Region 1                        | 189   | 23  | 10.6%                                | 12.2%                                  | 15.9%                                | 18.2   |
| Region 2                        | 486   | 55  | 9.7%                                 | 11.3%                                  | 12.9%                                | 21.0   |
| Region 3                        | 181   | 37  | 19.9%                                | 20.4%                                  | 12.7%                                | 22.4   |
| Region 4                        | 1027  | 123                                       | 8.3%                                 | 12.0%                                  | 11.2%                                | 16.9   |
| Region 5 (All)                  | 768   | 105                                       | 12.4%                                | 13.7%                                  | 14.7%                                | 18.8   |
| Region 5F                       | 211   | 34  | 13.3%                                | 16.1%                                  | 15.9%                                | 19.3   |
| Region 5R                       | 79  | 16  | 16.5%                                | 20.3%                                  | 20.2%                                | 12.3   |
| Region 5S                       | 478   | 55  | 11.3%                                | 11.5%                                  | 13.1%                                | 20.3   |
| Region 6 (All)                  | 151   | 28  | 15.2%                                | 18.5%                                  | 16.7%                                | 12.3   |
| Region 6T                       | 97  | 27  | 22.7%                                | 27.8%                                  | 17.5%                                | 12.5   |
| Region 6V                       | 54  | 1   | 1.9%                                 | 1.9%                                   | 15.3%                                | 6.3  |
| Region 7                        | 99  | 6   | 6.1%                                 | 6.1%                                   | 8.6%                                 | 21.1   |
| Region 8                        | 218   | 20  | 8.3%                                 | 9.2%                                   | 8.5%                                 | 21.2   |
| Region 9                        | 221   | 25  | 10.4%                                | 11.3%                                  | 10.7%                                | 17.0   |
| State Water Board               | 96  | 49  | 51.0%                                | 51.0%                                  | 29.8%                                | 16.2   |
| State and Regional Water Boards | 3436  | 471                                       | 11.7%                                | 13.7%                                  | 12.9%                                | 18.4   |

**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 CA FY 2015/2016 | Net Closure Rate for CA FY 2015/2016 | Gross Closure Rate for CA FY 2015/2016 | Five Year Gross Closure Rate Average | Average Age of Case at Time of Closure for CA FY 2015/2016 (Years) |
|---------------|---|---|--------------------------------------|--|--------------------------------------|--|
| Alameda       | 194   | 28  | 11.3%                                | 14.4%                                  | 14.8%                                | 19.7   |
| Humboldt      | 61  | 12  | 19.7%                                | 19.7%                                  | 17.9%                                | 18.9   |
| Orange        | 235   | 40  | 16.6%                                | 17.0%                                  | 11.0%                                | 20.6   |
| Riverside     | 43  | 8   | 11.6%                                | 18.6%                                  | 19.8%                                | 17.0   |
| Sacramento    | 134   | 24  | 15.7%                                | 17.9%                                  | 16.8%                                | 20.2   |
| San Diego     | 199   | 44  | 19.6%                                | 22.1%                                  | 16.0%                                | 18.4   |
| San Francisco | 84  | 38  | 19.0%                                | 45.2%                                  | 36.2%                                | 6.2  |
| San Mateo     | 121   | 31  | 19.8%                                | 25.6%                                  | 17.2%                                | 12.6   |
| Santa Barbara | 70  | 14  | 18.6%                                | 20.0%                                  | 21.8%                                | 16.6   |
| Santa Clara   | 158   | 41  | 23.4%                                | 25.9%                                  | 15.1%                                | 22.4   |
| Solano        | 45  | 8   | 15.6%                                | 17.8%                                  | 17.2%                                | 15.6   |
| Sonoma        | 99  | 15  | 6.1%                                 | 15.2%                                  | 14.8%                                | 18.2   |
| Tulare        | 9   | 8   | 88.9%                                | 88.9%                                  | 14.1%                                | 20.8   |
| All LOPs      | 1452  | 311                                       | 17.1%                                | 21.4%                                  | 17.5%                                | 17.3   |

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

| Agency                                   | Total Number of Open Cases in the CUF on 7/15/2016 | Total Number of Open Cases Not In the CUF on 7/15/2016 | Distribution of Claims Paid for Open CUF Cases |              |               |               |         | Average Amount Paid per Case at Time of Case Closure |
|--|--|--|--|--------------|---------------|---------------|---------|--|
|  |  |  | \$0  | \$1 - \$500k | \$500K - \$1M | \$1M - \$1.4M | \$1.4M+ |  |
| <b>State &amp; Regional Water Boards</b> |  |  |  |              |               |               |         |  |
| Region 1                                 | 99   | 49   | 17.2%  | 46.5%        | 17.2%         | 6.1%          | 13.1%   | \$ 248,713   |
| Region 2                                 | 181  | 160  | 37.6%  | 32.6%        | 16.6%         | 9.9%          | 3.3%    | \$ 251,969   |
| Region 3                                 | 66   | 54   | 24.2%  | 25.8%        | 28.8%         | 7.6%          | 13.6%   | \$ 347,194   |
| Region 4                                 | 430  | 474  | 37.7%  | 18.4%        | 21.4%         | 12.3%         | 10.2%   | \$ 383,215   |
| Region 5F                                | 114  | 63   | 18.4%  | 39.5%        | 25.4%         | 11.4%         | 5.3%    | \$ 356,579   |
| Region 5R                                | 35   | 29   | 14.3%  | 40.0%        | 22.9%         | 17.1%         | 5.7%    | \$ 243,736   |
| Region 5S                                | 276  | 77   | 26.1%  | 19.6%        | 22.8%         | 21.4%         | 10.1%   | \$ 327,885   |
| Region 6T                                | 44   | 31   | 27.3%  | 18.2%        | 18.2%         | 15.9%         | 20.5%   | \$ 465,616   |
| Region 6V                                | 2  | 0  | 100.0%   | 0.0%         | 0.0%          | 0.0%          | 0.0%    | \$ 148,574   |
| Region 7                                 | 39   | 34   | 20.5%  | 48.7%        | 25.6%         | 0.0%          | 5.1%    | \$ 473,726   |
| Region 8                                 | 106  | 87   | 34.0%  | 17.0%        | 22.6%         | 12.3%         | 14.2%   | \$ 477,146   |
| Region 9                                 | 54   | 28   | 27.8%  | 46.3%        | 16.7%         | 5.6%          | 3.7%    | \$ 498,378   |
| State Water Board                        | 15   | 32   | 33.3%  | 53.3%        | 13.3%         | 0.0%          | 0.0%    | \$ 565,761   |
| State & Regional Water Boards            | 1461   | 1118   | 30.0%  | 26.8%        | 21.3%         | 12.5%         | 9.3%    | \$ 345,756   |
| <b>Local Oversight Programs</b>          |  |  |  |              |               |               |         |  |
| Alameda County                           | 97   | 80   | 42.3%  | 28.9%        | 17.5%         | 6.2%          | 5.2%    | \$ 203,765   |
| Humboldt County                          | 28   | 20   | 17.9%  | 35.7%        | 25.0%         | 14.3%         | 7.1%    | \$ 196,018   |
| Orange County                            | 153  | 43   | 47.1%  | 12.4%        | 15.7%         | 9.8%          | 15.0%   | \$ 357,608   |
| Riverside County                         | 28   | 10   | 25.0%  | 46.4%        | 14.3%         | 10.7%         | 3.6%    | \$ 256,338   |
| Sacramento County                        | 62   | 51   | 35.5%  | 27.4%        | 17.7%         | 12.9%         | 6.5%    | \$ 249,725   |
| San Diego County                         | 98   | 65   | 42.9%  | 14.3%        | 23.5%         | 12.2%         | 7.1%    | \$ 208,851   |
| San Francisco County                     | 22   | 49   | 36.4%  | 36.4%        | 13.6%         | 4.5%          | 9.1%    | \$ 160,043   |
| San Mateo County                         | 67   | 31   | 49.3%  | 28.4%        | 14.9%         | 3.0%          | 4.5%    | \$ 189,163   |
| Santa Barbara County                     | 38   | 20   | 28.9%  | 18.4%        | 26.3%         | 10.5%         | 15.8%   | \$ 411,211   |
| Santa Clara County                       | 93   | 29   | 30.1%  | 25.8%        | 20.4%         | 10.8%         | 12.9%   | \$ 266,790   |
| Solano County                            | 24   | 14   | 37.5%  | 25.0%        | 29.2%         | 8.3%          | 0.0%    | \$ 218,986   |
| Sonoma County                            | 75   | 18   | 18.7%  | 21.3%        | 42.7%         | 9.3%          | 8.0%    | \$ 181,622   |
| Tulare County                            | 1  | 0  | 0.0%   | 0.0%         | 100.0%        | 0.0%          | 0.0%    | \$ 217,679   |
| All LOPs                                 | 786  | 430  | 37.2%  | 23.0%        | 21.4%         | 9.4%          | 9.0%    | \$ 239,504   |

**Table 6** distinguishes between LUFT cases with and without claim numbers assigned by the UST Cleanup Fund (CUF), including any claim numbers associated with Emergency, Abandoned and Recalcitrant (EAR) or Orphan Site Cleanup Fund (OSCF) subaccount claims. Please note that Military UST cases are not eligible for the CUF and are omitted from the numbers presented in this table. Please also note that cases "in the CUF" may include cases with inactive or suspended claims, and cases "not in the CUF" may include state government facilities ineligible for the CUF.

**NOTE:** Tulare County ceased to be an LOP on 7/1/2016.

**Source:** Data for **Table 6** were compiled from the GeoTracker CUF Case Report and Advanced Case Reporting Tool on 7/15/2016.



**Table 7: Agency Response Time by Submittal Type**

| Agency                                 | Workplans  |   |  |   | Closure Requests   |   |  |   |
|--|--|---|--|---|--|---|--|---|
|  | Percentage of Responses Issued Within 60 Days of Submittal | Percentage with No Response More Than 60 Days After Submittal | Percentage of Responses Issued More Than 60 Days After Submittal | Average Agency Response Time for Workplans (Days) | Percentage of Responses Issued Within 60 Days of Submittal | Percentage with No Response More Than 60 Days After Submittal | Percentage of Responses Issued More Than 60 Days After Submittal | Average Agency Response Times for Closure Requests (Days) |
| <b>State and Regional Water Boards</b> |  |   |  |   |  |   |  |   |
| Region 1                               | 81.3%  | 8.3%  | 10.4%  | 36  | 71.4%  | 14.3%   | 14.3%  | 41  |
| Region 2                               | 86.8%  | 0.0%  | 13.2%  | 39  | 84.1%  | 0.0%  | 15.9%  | 44  |
| Region 3                               | 100.0%   | 0.0%  | 0.0%   | 22  | 100.0%   | 0.0%  | 0.0%   | 31  |
| Region 4                               | 86.9%  | 2.0%  | 11.1%  | 32  | 84.0%  | 3.5%  | 12.5%  | 44  |
| Region 5S                              | 100.0%   | 0.0%  | 0.0%   | 30  | 97.6%  | 0.0%  | 2.4%   | 44  |
| Region 5R                              | 66.7%  | 22.2%   | 11.1%  | 39  | 100.0%   | 0.0%  | 0.0%   | 25  |
| Region 5F                              | 100.0%   | 0.0%  | 0.0%   | 19  | 95.8%  | 4.2%  | 0.0%   | 26  |
| Region 6T                              | 100.0%   | 0.0%  | 0.0%   | 24  | 93.3%  | 0.0%  | 6.7%   | 35  |
| Region 7                               | 92.9%  | 0.0%  | 7.1%   | 29  | 81.8%  | 0.0%  | 18.2%  | 53  |
| Region 8                               | 82.5%  | 2.5%  | 15.0%  | 51  | 68.0%  | 12.0%   | 20.0%  | 46  |
| Region 9                               | 100.0%   | 0.0%  | 0.0%   | 18  | 100.0%   | 0.0%  | 0.0%   | 24  |
| State Water Board                      | No Workplans Submitted                                     |   |  |   | 100.0%   | 0.0%  | 0.0%   | 5   |
| State & Regional Water Boards          | 90.9%  | 1.8%  | 7.4%   | 31  | 86.9%  | 3.2%  | 9.9%   | 41  |
| <b>Local Oversight Programs</b>        |  |   |  |   |  |   |  |   |
| Alameda                                | 90.7%  | 5.6%  | 3.7%   | 39  | 100.0%   | 0.0%  | 0.0%   | 44  |
| Humboldt                               | 100.0%   | 0.0%  | 0.0%   | 18  | 90.9%  | 9.1%  | 0.0%   | 37  |
| Orange                                 | 100.0%   | 0.0%  | 0.0%   | 26  | 100.0%   | 0.0%  | 0.0%   | 39  |
| Riverside                              | 100.0%   | 0.0%  | 0.0%   | 24  | 100.0%   | 0.0%  | 0.0%   | 48  |
| Sacramento                             | 100.0%   | 0.0%  | 0.0%   | 12  | 100.0%   | 0.0%  | 0.0%   | 31  |
| San Diego                              | 92.2%  | 2.0%  | 5.9%   | 34  | 85.7%  | 0.0%  | 14.3%  | 42  |
| San Francisco                          | 66.7%  | 11.1%   | 22.2%  | 38  | 50.0%  | 12.5%   | 37.5%  | 71  |
| San Mateo                              | 100.0%   | 0.0%  | 0.0%   | 40  | 100.0%   | 0.0%  | 0.0%   | 47  |
| Santa Barbara                          | 100.0%   | 0.0%  | 0.0%   | 22  | 100.0%   | 0.0%  | 0.0%   | 24  |
| Santa Clara                            | 100.0%   | 0.0%  | 0.0%   | 17  | 100.0%   | 0.0%  | 0.0%   | 34  |
| Solano                                 | 100.0%   | 0.0%  | 0.0%   | 18  | 100.0%   | 0.0%  | 0.0%   | 19  |
| Sonoma                                 | 100.0%   | 0.0%  | 0.0%   | 20  | 100.0%   | 0.0%  | 0.0%   | 14  |
| All LOPs                               | 96.6%  | 1.4%  | 2.1%   | 27  | 96.5%  | 0.9%  | 2.6%   | 38  |

**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), and late (greater than 60 days from the date of submittal).

**NOTE:** Tulare County ceased to be an LOP on 7/1/2016.

**Source:** Data for **Table 7** were taken from the GeoTracker Agency Response Report on 7/15/2016 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 6/30/2016.

**Table 8: Military UST Cleanup Site Funding and ESI Compliance**

| Agency                    | Number of Open Military UST Cases 7/1/2016 | Funding Source        |       |       |                | ESI Compliance        |        |                            |                   |
|---------------------------|--|-----------------------|-------|-------|----------------|-----------------------|--------|----------------------------|-------------------|
|                           |  | DERA                  | BRAC  | Other | None Indicated | Site Claimed          |        | Geo Location Data Uploaded | EDF Data Uploaded |
|                           |  |                       |       |       |                | Yes                   | No     |                            |                   |
| Region 1                  | 28   | 0.0%                  | 0.0%  | 0.0%  | 100.0%         | 0.0%                  | 100.0% | 0.0%                       | 0.0%              |
| Region 2                  | 109  | 2.8%                  | 1.8%  | 0.9%  | 94.5%          | 56.9%                 | 43.1%  | 1.8%                       | 13.8%             |
| Region 3                  | 25   | 0.0%                  | 0.0%  | 4.0%  | 96.0%          | 44.0%                 | 56.0%  | 28.0%                      | 40.0%             |
| Region 4                  | 31   | 87.1%                 | 0.0%  | 0.0%  | 12.9%          | 96.8%                 | 3.2%   | 16.1%                      | 12.9%             |
| Region 5 (All)            | 82   | 1.2%                  | 0.0%  | 2.4%  | 96.3%          | 23.2%                 | 76.8%  | 8.5%                       | 14.6%             |
| Region 5F                 | 7  | 14.3%                 | 0.0%  | 0.0%  | 85.7%          | 71.4%                 | 28.6%  | 57.1%                      | 57.1%             |
| Region 5R                 | 0  | No Military UST Sites |       |       |                | No Military UST Sites |        |                            |                   |
| Region 5S                 | 75   | 0.0%                  | 0.0%  | 2.7%  | 97.3%          | 18.7%                 | 81.3%  | 4.0%                       | 10.7%             |
| Region 6 (All)            | 54   | 79.6%                 | 1.9%  | 0.0%  | 18.5%          | 22.2%                 | 77.8%  | 3.7%                       | 9.3%              |
| Region 6T                 | 1  | 100.0%                | 0.0%  | 0.0%  | 0.0%           | 100.0%                | 0.0%   | 0.0%                       | 0.0%              |
| Region 6V                 | 53   | 79.2%                 | 1.9%  | 0.0%  | 18.9%          | 20.8%                 | 79.2%  | 3.8%                       | 9.4%              |
| Region 7                  | 22   | 0.0%                  | 0.0%  | 0.0%  | 100.0%         | 100.0%                | 0.0%   | 13.6%                      | 54.5%             |
| Region 8                  | 8  | 37.5%                 | 37.5% | 0.0%  | 25.0%          | 75.0%                 | 25.0%  | 50.0%                      | 75.0%             |
| Region 9                  | 116  | 63.8%                 | 0.0%  | 1.7%  | 34.5%          | 63.8%                 | 36.2%  | 15.5%                      | 19.8%             |
| All Regional Water Boards | 475  | 31.8%                 | 1.3%  | 1.3%  | 65.7%          | 49.7%                 | 50.3%  | 10.1%                      | 18.3%             |

**Table 8** shows Military UST Cleanup Site, Funding Source, and ESI Compliance. **DERA:** Defense Environmental Restoration Account funded sites.

**BRAC:** Refers to Base Realignment and Closure Commission sites funded by the Department of Defense (DOD) Base Closure Account.

**ESI:** Electronic Submittal of Information

**EDF:** Electronic Deliverable Format

**Source:** Data for **Table 8** were compiled from the GeoTracker USEPA Report Total Cases at End Date Export on 7/15/2016 and 8/12/2016

**Table 9: Military UST Cleanup Site Case Status and Average Age**

| Agency                    | Open - Inactive       | Open - Site Assessment | Open - Assessment & Interim Remedial Action | Open - Remediation | Open - Verification Monitoring | Open - Eligible For Closure | Average Age of Open Military UST Sites |
|---------------------------|-----------------------|------------------------|---|--------------------|--------------------------------|-----------------------------|--|
| Region 1                  | 82.1%                 | 3.6%                   | 0.0%  | 0.0%               | 0.0%                           | 14.3%                       | 19.6                                   |
| Region 2                  | 21.1%                 | 37.6%                  | 1.8%  | 28.4%              | 1.8%                           | 9.2%                        | 19.2                                   |
| Region 3                  | 24.0%                 | 36.0%                  | 8.0%  | 20.0%              | 4.0%                           | 8.0%                        | 21.9                                   |
| Region 4                  | 0.0%                  | 61.3%                  | 0.0%  | 25.8%              | 3.2%                           | 9.7%                        | 23.9                                   |
| Region 5 (All)            | 9.8%                  | 36.6%                  | 4.9%  | 41.5%              | 6.1%                           | 1.2%                        | 24.1                                   |
| Region 5F                 | 0.0%                  | 57.1%                  | 0.0%  | 28.6%              | 0.0%                           | 14.3%                       | 22.2                                   |
| Region 5R                 | No Military UST Sites |                        |   |                    |                                |                             | N/A                                    |
| Region 5S                 | 10.7%                 | 34.7%                  | 5.3%  | 42.7%              | 6.7%                           | 0.0%                        | 24.3                                   |
| Region 6 (All)            | 3.7%                  | 72.2%                  | 1.9%  | 16.7%              | 1.9%                           | 3.7%                        | 21.0                                   |
| Region 6T                 | 100.0%                | 0.0%                   | 0.0%  | 0.0%               | 0.0%                           | 0.0%                        | 23.0                                   |
| Region 6V                 | 1.9%                  | 73.6%                  | 1.9%  | 17.0%              | 1.9%                           | 3.8%                        | 21.0                                   |
| Region 7                  | 4.5%                  | 54.5%                  | 27.3%                                       | 13.6%              | 0.0%                           | 0.0%                        | 19.7                                   |
| Region 8                  | 0.0%                  | 0.0%                   | 12.5%                                       | 75.0%              | 0.0%                           | 12.5%                       | 24.8                                   |
| Region 9                  | 0.0%                  | 31.0%                  | 6.9%  | 54.3%              | 4.3%                           | 3.4%                        | 17.3                                   |
| All Regional Water Boards | 13.3%                 | 39.4%                  | 5.1%  | 33.5%              | 3.2%                           | 5.7%                        | 20.4                                   |

**Table 9** presents the percentage of Military UST Cleanup Site cases assigned to each case status by agency, as well as the average age of Military UST sites for each agency. **Source:** All Case Status data shown on Overall Case Status tables were exported from the GeoTracker USEPA Report on 7/15/2016. **NOTE:** LOPs and the State Water Board are not included on **Tables 8 and 9** because all Military UST sites are overseen by Regional Water Boards.

**Table 10: LUST and Military UST ESI Compliance**

| Agency                                 | Number of Open Sites on 7/15/2016 | Percentage of Sites Claimed in GeoTracker | Percentage of Total Sites with Well Location Data Uploaded | Percentage of Total Sites with Site Map Uploaded | Percentage of Cases with EDF Data Uploaded |                 |                 | Percentage of Cases with ESI Reports Uploaded |                 |                 | Number of Cases Open for 10 Years or Longer with no Wells Reported in GeoTracker |
|--|-----------------------------------|---|--|--|--|-----------------|-----------------|---|-----------------|-----------------|--|
|  |                                   |   |  |  | In Last Year                               | In Last 2 Years | In Last 3 Years | In Last Year                                  | In Last 2 Years | In Last 3 Years |  |
| <b>State and Regional Water Boards</b> |                                   |   |  |  |  |                 |                 |   |                 |                 |  |
| Region 1                               | 169                               | 72.8%                                     | 82.8%  | 89.3%  | 21.9%                                      | 84.0%           | 85.8%           | 14.8%   | 88.2%           | 90.5%           | 50   |
| Region 2                               | 441                               | 78.9%                                     | 61.9%  | 68.0%  | 42.6%                                      | 61.5%           | 66.2%           | 32.7%   | 71.4%           | 75.5%           | 175  |
| Region 3                               | 144                               | 76.4%                                     | 83.3%  | 86.8%  | 27.1%                                      | 79.2%           | 83.3%           | 12.5%   | 91.0%           | 92.4%           | 43   |
| Region 4                               | 916                               | 84.5%                                     | 69.7%  | 76.6%  | 29.0%                                      | 75.2%           | 77.9%           | 11.2%   | 91.6%           | 94.0%           | 232  |
| Region 5 (All)                         | 672                               | 80.1%                                     | 75.3%  | 77.7%  | 24.4%                                      | 82.0%           | 83.9%           | 14.4%   | 90.8%           | 91.8%           | 183  |
| Region 5F                              | 183                               | 80.9%                                     | 47.5%  | 59.0%  | 27.9%                                      | 76.5%           | 77.0%           | 12.0%   | 92.9%           | 93.4%           | 64   |
| Region 5R                              | 64                                | 70.3%                                     | 81.3%  | 85.9%  | 20.3%                                      | 84.4%           | 84.4%           | 9.4%  | 95.3%           | 95.3%           | 20   |
| Region 5S                              | 425                               | 81.2%                                     | 86.4%  | 84.5%  | 23.5%                                      | 84.0%           | 86.8%           | 16.2%   | 89.2%           | 90.6%           | 99   |
| Region 6 (All)                         | 129                               | 55.8%                                     | 69.8%  | 70.5%  | 27.9%                                      | 72.9%           | 75.2%           | 16.3%   | 86.0%           | 87.6%           | 67   |
| Region 6T                              | 76                                | 80.3%                                     | 61.8%  | 63.2%  | 32.9%                                      | 68.4%           | 72.4%           | 18.4%   | 84.2%           | 86.8%           | 19   |
| Region 6V                              | 53                                | 20.8%                                     | 81.1%  | 81.1%  | 20.8%                                      | 79.2%           | 79.2%           | 13.2%   | 88.7%           | 88.7%           | 48   |
| Region 7                               | 93                                | 89.2%                                     | 54.8%  | 66.7%  | 53.8%                                      | 49.5%           | 57.0%           | 39.8%   | 71.0%           | 75.3%           | 37   |
| Region 8                               | 200                               | 82.5%                                     | 81.5%  | 84.0%  | 27.0%                                      | 79.0%           | 83.0%           | 13.5%   | 89.0%           | 91.0%           | 49   |
| Region 9                               | 198                               | 75.3%                                     | 64.6%  | 67.2%  | 47.0%                                      | 56.6%           | 58.6%           | 37.9%   | 67.7%           | 68.7%           | 100  |
| All Regional Water Boards              | 2962                              | 79.7%                                     | 71.2%  | 76.1%  | 31.3%                                      | 73.5%           | 76.5%           | 18.5%   | 85.5%           | 87.7%           | 1186   |
| <b>Local Oversight Programs</b>        |                                   |   |  |  |  |                 |                 |   |                 |                 |  |
| Alameda                                | 174                               | 93.7%                                     | 64.4%  | 72.4%  | 37.9%                                      | 73.0%           | 75.9%           | 19.0%   | 85.6%           | 87.4%           | 33   |
| Humboldt                               | 48                                | 72.9%                                     | 91.7%  | 91.7%  | 14.6%                                      | 89.6%           | 89.6%           | 12.5%   | 95.8%           | 95.8%           | 11   |
| Orange                                 | 196                               | 98.0%                                     | 93.4%  | 93.9%  | 13.3%                                      | 91.8%           | 94.9%           | 4.1%  | 97.4%           | 98.5%           | 6  |
| Riverside                              | 38                                | 97.4%                                     | 71.1%  | 81.6%  | 23.7%                                      | 81.6%           | 84.2%           | 10.5%   | 92.1%           | 94.7%           | 3  |
| Sacramento                             | 113                               | 83.2%                                     | 78.8%  | 78.8%  | 28.3%                                      | 77.9%           | 81.4%           | 20.4%   | 84.1%           | 85.8%           | 27   |
| San Diego                              | 160                               | 92.5%                                     | 95.0%  | 95.6%  | 15.0%                                      | 90.6%           | 95.0%           | 4.4%  | 98.1%           | 98.1%           | 5  |
| San Francisco                          | 71                                | 56.3%                                     | 83.1%  | 90.1%  | 25.4%                                      | 80.3%           | 80.3%           | 15.5%   | 85.9%           | 88.7%           | 15   |
| San Mateo                              | 96                                | 96.9%                                     | 91.7%  | 95.8%  | 16.7%                                      | 92.7%           | 93.8%           | 6.3%  | 96.9%           | 97.9%           | 5  |
| Santa Barbara                          | 58                                | 96.6%                                     | 82.8%  | 81.0%  | 24.1%                                      | 81.0%           | 81.0%           | 15.5%   | 86.2%           | 86.2%           | 10   |
| Santa Clara                            | 121                               | 96.7%                                     | 81.8%  | 86.8%  | 30.6%                                      | 82.6%           | 86.0%           | 7.4%  | 97.5%           | 99.2%           | 10   |
| Solano                                 | 38                                | 100.0%                                    | 86.8%  | 86.8%  | 39.5%                                      | 76.3%           | 84.2%           | 23.7%   | 81.6%           | 89.5%           | 0  |
| Sonoma                                 | 93                                | 94.6%                                     | 93.5%  | 96.8%  | 10.8%                                      | 91.4%           | 94.6%           | 5.4%  | 95.7%           | 95.7%           | 1  |
| All LOPs                               | 1207                              | 91.3%                                     | 84.7%  | 87.7%  | 22.7%                                      | 84.7%           | 87.5%           | 10.8%   | 92.5%           | 93.8%           | 0  |

Table 10 shows ESI compliance for LUST and Military UST Sites in GeoTracker.

Source: Data for Table 10 were taken from the GeoTracker USEPA Report on 8/12/2016, and the ESI Non-Compliance Report on 7/15/2016.

**Table 11: Impacted Drinking Water Wells, Well Status, and Time Frame for Impact**

| Well Status       | All Types and Time Frames | Domestic |            |           | Municipal |            |           |
|-------------------|---------------------------|----------|------------|-----------|-----------|------------|-----------|
|                   |                           | Current  | Historical | Potential | Current   | Historical | Potential |
| Abandoned         | 5                         | 0        | 4          | 0         | 0         | 1          | 0         |
| Active            | 153                       | 48       | 16         | 56        | 18        | 8          | 7         |
| Active Treated    | 56                        | 31       | 3          | 1         | 17        | 4          | 0         |
| Destroyed         | 53                        | 2        | 37         | 0         | 0         | 14         | 0         |
| Inactive          | 64                        | 20       | 10         | 3         | 21        | 8          | 2         |
| All Well Statuses | 331                       | 101      | 70         | 60        | 56        | 35         | 9         |

Table 11 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 11 were compiled from the GeoTracker Impacted / Nearby Wells Report on 7/15/2016.

**Table 12: LUST Case Regulatory Overview**

| Agency                                 | Number of Cases Open on 7/1/2015 | Number of Cases Open on 6/30/2016 | Open Cases per PY for FY 2016/2017 | Net Closure Rate | Percentage of Cases in CUF | Percentage Cases with an ESI in FY 2015/2016 | Percentage of Workplans with a Response within 60-Days of Submittal | Percentage of Closure Requests with a Response within 60-Days of Submittal | Average Number of Regulatory Activities per Open Case in FY 2015/2016 |
|--|----------------------------------|-----------------------------------|------------------------------------|------------------|----------------------------|--|---|--|---|
| <b>State and Regional Water Boards</b> |                                  |                                   |                                    |                  |                            |  |   |  |   |
| Region 1                               | 161                              | 141                               | 23.5                               | 12.4%            | 66.9%                      | 70.2%  | 81.3%   | 71.4%  | 1.5   |
| Region 2                               | 372                              | 330                               | 33.3                               | 11.3%            | 53.1%                      | 62.9%  | 86.8%   | 84.1%  | 1.9   |
| Region 3                               | 151                              | 120                               | 41.4                               | 20.5%            | 55.0%                      | 71.2%  | 100.0%  | 100.0%   | 0.9   |
| Region 4                               | 996                              | 911                               | 50.1                               | 8.5%             | 47.6%                      | 74.1%  | 86.9%   | 84.0%  | 1.2   |
| Region 5 (All)                         | 675                              | 591                               | 41.6                               | 12.4%            | 71.5%                      | 74.3%  | 100.0%  | 97.6%  | 1.9   |
| Region 5F                              | 201                              | 176                               | N/A                                | 12.4%            | 64.4%                      | 69.0%  | 100.0%  | 95.8%  | 2.6   |
| Region 5R                              | 79                               | 66                                | N/A                                | 16.5%            | 54.7%                      | 61.3%  | 66.7%   | 100.0%   | 1.1   |
| Region 5S                              | 395                              | 349                               | N/A                                | 11.6%            | 78.2%                      | 79.3%  | 100.0%  | 97.6%  | 1.8   |
| Region 6                               | 95                               | 74                                | 28.5                               | 22.1%            | 59.7%                      | 59.2%  | 100.0%  | 93.3%  | 2.8   |
| Region 7                               | 77                               | 71                                | 21.5                               | 7.8%             | 53.4%                      | 61.1%  | 92.9%   | 81.8%  | 0.8   |
| Region 8                               | 209                              | 192                               | 34.9                               | 8.1%             | 54.9%                      | 70.5%  | 82.5%   | 68.0%  | 2.2   |
| Region 9                               | 99                               | 82                                | 25.6                               | 17.2%            | 65.9%                      | 71.6%  | 100.0%  | 100.0%   | 1.6   |
| State Water Board                      | 96                               | 47                                | N/A                                | 51.0%            | 31.9%                      | N/A  | N/A   | 100.0%   | 0.8   |
| State and Regional Water Boards        | 2931                             | 2559                              | 38.9                               | 12.7%            | 56.6%                      | 71.1%  | 90.9%   | 86.9%  | 1.5   |
| <b>Local Oversight Programs</b>        |                                  |                                   |                                    |                  |                            |  |   |  |   |
| Alameda                                | 194                              | 172                               | 22.6                               | 11.3%            | 54.8%                      | 74.4%  | 90.7%   | 100.0%   | 2.5   |
| Humboldt                               | 61                               | 49                                | 23.3                               | 19.7%            | 58.3%                      | 61.4%  | 100.0%  | 90.9%  | 2.5   |
| Orange                                 | 235                              | 196                               | 28.4                               | 16.6%            | 78.1%                      | 93.8%  | 100.0%  | 100.0%   | 2.4   |
| Riverside                              | 43                               | 38                                | 9.7                                | 11.6%            | 73.7%                      | 83.3%  | 100.0%  | 100.0%   | 3.2   |
| Sacramento                             | 134                              | 113                               | 43.5                               | 15.7%            | 54.9%                      | 60.2%  | 100.0%  | 100.0%   | 1.9   |
| San Diego                              | 199                              | 160                               | 18.8                               | 19.6%            | 60.1%                      | 86.6%  | 92.2%   | 85.7%  | 1.7   |
| San Francisco                          | 84                               | 68                                | 28.3                               | 19.0%            | 31.0%                      | 37.0%  | 66.7%   | 50.0%  | 1.4   |
| San Mateo                              | 121                              | 97                                | 22.6                               | 19.8%            | 68.4%                      | 89.0%  | 100.0%  | 100.0%   | 3.7   |
| Santa Barbara                          | 70                               | 57                                | 14.3                               | 18.6%            | 65.5%                      | 79.3%  | 100.0%  | 100.0%   | 5.2   |
| Santa Clara                            | 158                              | 121                               | 35.6                               | 23.4%            | 76.2%                      | 90.6%  | 100.0%  | 100.0%   | 2.5   |
| Solano                                 | 45                               | 38                                | 22.4                               | 15.6%            | 63.2%                      | 75.7%  | 100.0%  | 100.0%   | 1.5   |
| Sonoma                                 | 99                               | 93                                | 38.8                               | 6.1%             | 80.6%                      | 91.2%  | 100.0%  | 100.0%   | 3.8   |
| All LOPs                               | 1452                             | 1203                              | 24.2                               | 17.1%            | 64.6%                      | 79.7%  | 96.6%   | 96.5%  | 2.6   |

**Table 12** presents data on the number of open cases per agency at the beginning and end of the period of performance, the number of open cases per open case for CA FY 2015/2016, the net closure rate, percentage of cases admitted to the CUF, percentage of cases for which ESI data was submitted in CA FY 2015/2016. The percentage of workplan and closure requests with a response within 60-days of submittal, and the average number of Regulatory Activities during the period of performance per case open on 7/1/2016.

**Notes:**

**PY:** Person Years, approximately 1776 hours of labor.

The number of cases per PY presented for Regional Water Boards are the actual number expended for CA FY 2015/2016, while the numbers presented for the LOPs are the number of PYs which were budgeted. The number of expended PYs for CA FY 2015/2016 for LOPs is not yet available. PYs for Region 5 were provided for the entire region and not for the individual sub-regions.

**Tulare County** ceased to be an LOP on 7/1/2016; due to the transfer of cases away from this agency it was not presented here. Cases formerly assigned to Tulare County are included in the numbers presented for their respective Regional Water Boards, with the exception of a single case assigned to Tulare County on 7/15/2016, data for that case is presented elsewhere in this report.

**State Water Board:** No workplans were submitted to the State Water Board during the period of performance, hours expended on the cases assigned to the State Water Board were not available for this report, and the ESI Compliance Report does not report on State Water Board Lead Cases.

**Source:** Data for **Table 12** were compiled from the GeoTracker Advanced Case Reporting Tool, the ESI Compliance Report, the Agency Response Report, the Regulatory Activities Report, the CUF Case Report, and the GeoTracker Cleanup Sites Data Download on 7/15/2016. Budgeted and actual PYs per agency were provided by State Water Board staff in August 2016.



**Table 13: Statewide LUST Case Status Breakdown**

| Case Status                                | Percentage of Cases Open During Period Statewide                                      | Number of Cases Statewide on 7/15/2016 | Average Length of Time a Case Has Been Assigned This Status (Years) | Average Age of Cases (Years) |
|--|---|--|---|------------------------------|
| Leak Reported                              | 70 New releases were reported in CA FY 2015/2016, accounting for 1.5% of open cases † |  |   |                              |
| Open - Site Assessment                     | 28.9%   | 1308                                   | 8.6   | 18.1                         |
| Open - Remediation                         | 30.4%   | 1374                                   | 7.6   | 22.3                         |
| Open - Verification Monitoring             | 8.0%  | 361                                    | 4.5   | 23.0                         |
| Open - Eligible for Closure                | 13.4%   | 606                                    | 1.3   | 20.5                         |
| Completed - Case Closed ‡                  | 16.6%   | 750                                    | N/A   | 17.8                         |
| Open - Inactive                            | 2.7%  | 121                                    | 3.8   | 21.2                         |
| Average Age of All Open LUST Cases (Years) | 20.6  |  |   |                              |

†: 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 13** were exported from the GeoTracker Cleanup Sites Data Download on 7/15/2016 (Available at: <https://geotracker.waterboards.ca.gov/datadownload>) except for Case Begin Dates which were exported from GeoTracker Advanced Case Reporting Tool captured 7/15/2016.

**Table 13** 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 CA FY 2015/2016.

The numbers presented here represent cases statewide and includes cases assigned to former LOPs, USEPA, DTSC and Los Angeles County, which may not be reported in other figures in this report that exclude these agencies.

**Photograph 1: UST being removed by a track-mounted excavator**

