



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
Mail Code 5401G

OFFICE OF
SOLID WASTE AND
EMERGENCY RESPONSE

June -2, 2005

MEMORANDUM

SUBJECT: FY 2005 Semi-Annual Mid-Year Activity Report

FROM: Cliff Rothenstein, Director
Office of Underground Storage Tanks

A handwritten signature in black ink, appearing to read "Cliff Rothenstein", written over the printed name in the "FROM" field.

TO: UST/LUST Regional Division Directors, Regions 1-10

This memo provides you with the FY 2005 semi-annual mid-year activity report for the Underground Storage Tanks program.

I am pleased that we are continuing to make incremental progress in cleaning up petroleum leaks and see incremental reductions in the cleanup backlog and in the number of newly reported releases. At the mid-year, we completed 6,181 cleanups. While this represents only 43 percent of our new annual GPRA goal of 14,500 I am hopeful that despite the fiscal pressures on state programs and the increasing complexity of cleanups, we can make greater progress during the second half of the year and meet our GPRA goal.

I am also pleased that we are on track to meet our 2005 GPRA compliance goal. At the mid-year the compliance rate was 78 percent for release prevention, 73 percent for leak detection, and 65 percent for the combined GPRA compliance measure. Through your sustained work with the states I am confident that we should be able to continue to meet our GPRA compliance goal of 65 percent through the remainder of the year.

Finally, I want to thank you and your staff again for using the Quality Assurance/Quality Control Checklist that we first implemented in FY 2003. The number of reporting discrepancies was relatively small this period. By continuing to focus on and refine our quality assurance process, we can ensure the highest quality information is included in the Semi-Annual Activities Report.

Attachments

cc: Tom Dunne, OSWER
Barry Breen, OSWER
Devereaux Barnes, OSWER
Susan Bromm, OECA
Walker Smith, OECA
David Kling, OECA
Michael Stahl, OECA
Diana Saenz, OECA
OUST Staff
UST Regional Branch Chiefs 1-10
UST Regional Program Managers 1-10
Travis Creighton, OCFO
Susan Janowick, OSWER/ARMS
Jessie Price, OSWER/ARMS
Sue Priftis, OSWER/ARMS

Attachment 1
UST Corrective Action Measures for Mid Year FY2005 (as of March 31, 2005)

| Region/State | Active Tanks | Closed Tanks | Confirmed Releases | Cleanups Initiated | Cleanups Completed | Cleanup Backlog | Emergency Responses |
|--------------|--------------|--------------|--------------------|--------------------|--------------------|-----------------|---------------------|
| ONE | | | | | | | |
| CT | 12,110 | 19,600 | 2,426 | 2,380 | 1,562 | 864 | 111 |
| MA | 11,441 | 21,832 | 6,047 | 5,834 | 4,864 | 1,183 | 4,933 |
| ME | 3,429 | 12,105 | 2,178 | 2,119 | 2,038 | 140 | 405 |
| NH | 2,993 | 10,764 | 2,194 | 2,194 | 1,356 | 838 | 607 |
| RI | 1,711 | 7,086 | 1,228 | 1,228 | 957 | 271 | 26 |
| VT | 2,990 | 5,162 | 1,918 | 1,906 | 1,120 | 798 | 272 |
| SUBTOTAL | 34,674 | 76,549 | 15,991 | 15,661 | 11,897 | 4,094 | 6,354 |
| TWO | | | | | | | |
| NJ | 18,181 | 54,149 | 9,549 | 8,692 | 5,630 | 3,919 | 51 |
| NY | 30,198 | 80,573 | 20,116 | 19,715 | 17,938 | 2,178 | 425 |
| PR | 4,645 | 5,286 | 1,008 | 863 | 424 | 584 | 175 |
| VI | 129 | 278 | 22 | 14 | 0 | 22 | 14 |
| SUBTOTAL | 53,153 | 140,286 | 30,695 | 29,284 | 23,992 | 6,703 | 665 |
| THREE | | | | | | | |
| DC | 717 | 3,037 | 802 | 802 | 561 | 241 | 230 |
| DE | 1,540 | 6,397 | 2,233 | 2,189 | 1,952 | 281 | 400 |
| MD | 9,419 | 27,486 | 10,113 | 9,551 | 9,092 | 1,021 | 332 |
| PA | 26,724 | 58,385 | 13,745 | 13,617 | 9,226 | 4,519 | 28 |
| VA | 26,335 | 51,043 | 10,181 | 9,847 | 9,271 | 910 | 63 |
| WV | 6,096 | 18,500 | 2,877 | 2,682 | 1,675 | 1,202 | 9 |
| SUBTOTAL | 70,831 | 164,848 | 39,951 | 38,688 | 31,777 | 8,174 | 1,062 |
| FOUR | | | | | | | |
| AL | 18,119 | 28,477 | 10,837 | 10,710 | 9,211 | 1,626 | 293 |
| FL | 31,773 | 92,987 | 25,465 | 14,353 | 8,283 | 17,182 | 204 |
| GA | 30,581 | 43,790 | 10,847 | 10,400 | 8,028 | 2,819 | 12 |
| KY | 13,349 | 34,795 | 12,949 | 12,934 | 10,477 | 2,472 | 152 |
| MS | 8,807 | 21,610 | 6,493 | 6,327 | 6,187 | 306 | 121 |
| NC | 30,441 | 62,754 | 23,362 | 22,383 | 16,610 | 6,752 | 535 |
| SC | 12,209 | 31,372 | 8,587 | 8,161 | 5,148 | 3,439 | 96 |
| TN | 16,168 | 32,295 | 12,629 | 11,961 | 11,480 | 1,149 | 68 |
| SUBTOTAL | 161,447 | 348,080 | 111,169 | 97,229 | 75,424 | 35,745 | 1,481 |

¹ The terms "confirmed release," "cleanup initiated," and "cleanup completed" are defined terms available on the OUST website at <http://www.epa.gov/oust/cat/pm032603.pdf> and attached to this memo. In March 2003 OUST clarified these definitions (see website) to include as a cleanup initiated and cleanup completed a site where a state has determined no cleanup action is necessary to meet a states risk-based cleanup levels.

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|-----------------|----------------|----------------|--------------------|--------------------|--------------------|-----------------|---------------------|
| FIVE | | | | | | | |
| IL | 23,195 | 61,662 | 22,123 | 20,984 | 14,051 | 8,072 | 1,797 |
| IN | 14,076 | 35,197 | 8,098 | 7,283 | 4,752 | 3,346 | 235 |
| MI | 21,037 | 64,518 | 20,675 | 20,128 | 11,588 | 9,087 | 83 |
| MN | 14,227 | 28,043 | 9,468 | 9,032 | 8,347 | 1,121 | 445 |
| OH | 24,283 | 42,033 | 23,449 | 22,979 | 20,049 | 3,400 | 417 |
| WI | 13,720 | 64,592 | 18,250 | 17,561 | 14,772 | 3,478 | 386 |
| SUBTOTAL | 110,538 | 296,045 | 102,063 | 97,967 | 73,559 | 28,504 | 3,363 |
| SIX | | | | | | | |
| AR | 9,830 | 19,769 | 1,260 | 974 | 936 | 324 | 13 |
| LA | 13,953 | 31,128 | 2,719 | 2,719 | 1,674 | 1,045 | 830 |
| NM | 4,132 | 12,172 | 2,447 | 1,677 | 1,550 | 897 | 80 |
| OK | 11,698 | 24,137 | 3,986 | 3,986 | 3,480 | 506 | 138 |
| TX | 57,532 | 108,045 | 24,120 | 21,641 | 19,628 | 4,492 | 513 |
| SUBTOTAL | 97,145 | 195,251 | 34,532 | 30,997 | 27,268 | 7,264 | 1,574 |
| SEVEN | | | | | | | |
| IA | 7,759 | 21,971 | 5,765 | 5,513 | 3,819 | 1,946 | 0 |
| KS | 7,289 | 19,433 | 4,583 | 4,313 | 2,556 | 2,027 | 116 |
| MO | 10,279 | 28,245 | 6,142 | 5,719 | 4,715 | 1,427 | 343 |
| NE | 6,970 | 14,035 | 5,934 | 3,995 | 3,682 | 2,252 | 10 |
| SUBTOTAL | 32,297 | 83,684 | 22,424 | 19,540 | 14,772 | 7,652 | 469 |
| EIGHT | | | | | | | |
| CO | 8,195 | 20,651 | 6,455 | 6,299 | 5,487 | 968 | 42 |
| MT | 3,347 | 12,099 | 2,871 | 2,113 | 1,773 | 1,098 | 43 |
| ND | 2,197 | 6,929 | 811 | 800 | 768 | 43 | 3 |
| SD | 3,025 | 6,631 | 2,340 | 2,326 | 2,116 | 224 | 21 |
| UT | 4,062 | 12,579 | 4,088 | 3,912 | 3,614 | 474 | 3 |
| WY | 2,080 | 7,735 | 1,981 | 1,450 | 883 | 1,098 | 63 |
| SUBTOTAL | 22,906 | 66,624 | 18,546 | 16,900 | 14,641 | 3,905 | 175 |

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| Region/State | Active Tanks | Closed Tanks | Confirmed Releases | Cleanups Initiated | Cleanups Completed | Cleanup Backlog | Emergency Responses |
|---|----------------|------------------|--------------------|--------------------|--------------------|-----------------|---------------------|
| NINE | | | | | | | |
| AZ | 8,159 | 19,989 | 8,169 | 5,645 | 5,618 | 2,551 | 2 |
| CA | 39,123 | 120,595 | 43,270 | 43,270 | 28,194 | 15,076 | 0 |
| HI | 1,798 | 4,984 | 1,813 | 1,707 | 1,456 | 357 | 0 |
| NV | 3,676 | 6,696 | 2,409 | 2,401 | 2,139 | 270 | 52 |
| CNMI | 79 | 19 | 9 | 8 | 2 | 7 | 0 |
| GU | 276 | 407 | 135 | 135 | 108 | 27 | 0 |
| AS | 16 | 52 | 7 | 7 | 6 | 1 | 1 |
| SUBTOTAL | 53,127 | 152,742 | 55,812 | 53,173 | 37,523 | 18,289 | 55 |
| TEN | | | | | | | |
| AK | 1,063 | 6,162 | 2,279 | 2,200 | 1,470 | 809 | 95 |
| ID | 3,524 | 9,261 | 1,333 | 1,306 | 1,170 | 163 | 12 |
| OR | 6,448 | 26,136 | 6,865 | 6,594 | 5,373 | 1,492 | 56 |
| WA | 10,459 | 34,764 | 6,084 | 5,744 | 4,082 | 2,002 | 37 |
| SUBTOTAL | 21,494 | 76,323 | 16,561 | 15,844 | 12,095 | 4,466 | 200 |
| REGIONAL CORRECTIVE ACTIONS FOR INDIAN COUNTRY | | | | | | | |
| REGION 1 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| REGION 2 | 179 | 21 | 7 | 1 | 0 | 7 | 2 |
| REGION 3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| REGION 4 | 58 | 55 | 11 | 10 | 4 | 7 | 0 |
| REGION 5 | 392 | 983 | 193 | 190 | 130 | 63 | 0 |
| REGION 6 | 308 | 206 | 39 | 39 | 31 | 8 | 1 |
| REGION 7 | 82 | 97 | 20 | 15 | 8 | 12 | 0 |
| REGION 8 | 547 | 1,902 | 449 | 412 | 239 | 210 | 5 |
| REGION 9 | 696 | 1,149 | 201 | 153 | 108 | 93 | 0 |
| REGION 10 | 396 | 864 | 143 | 143 | 118 | 25 | 2 |
| SUBTOTAL | 2,662 | 5,279 | 1,063 | 963 | 638 | 425 | 10 |
| | Active Tanks | Closed Tanks | Confirmed Releases | Cleanups Initiated | Cleanups Completed | Cleanup Backlog | Emergency Responses |
| National Total | 660,274 | 1,605,711 | 448,807 | 416,246 | 323,586 | 125,221 | 15,408 |

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UST Significant Operational Compliance Measures for Mid-Year FY 2005 (as of 9/30/04)

| Region/State | % in Significant Operational Compliance with Release Prevention | % in Significant Operational Compliance with Release Detection | % of UST Facilities in SOC w/UST Release Detection and Release Prevention | Region/State | % in Significant Operational Compliance with Release Prevention | % in Significant Operational Compliance with Release Detection | % of UST Facilities in SOC w/UST Release Detection and Release Prevention |
|--------------|---|--|---|--------------|---|--|---|
| ONE | | | | FIVE | | | |
| CT* | 94% | 71% | 68% | IL* | 66% | 58% | 49% |
| ME | 77% | 71% | 61% | IN | 72% | 78% | 69% |
| MA | 43% | 39% | 22% | MI | 75% | 49% | 43% |
| NH | 45% | 41% | 27% | MN | 77% | 73% | 68% |
| RI* | 82% | 56% | 50% | OH | data not available | data not available | data not available |
| VT* | 60% | 53% | 47% | WI | 82% | 78% | 67% |
| SUBTOTAL | 68% | 56% | 46% | SUBTOTAL | 74% | 65% | 57% |
| TWO | | | | SIX | | | |
| NJ | 47% | 44% | 28% | AR | 63% | 72% | 54% |
| NY | 81% | 76% | 70% | LA | 79% | 72% | 59% |
| PR | 86% | 85% | 79% | NM | 98% | 89% | 88% |
| VI | 90% | 69% | 60% | OK | data not available | data not available | data not available |
| SUBTOTAL | 70% | 66% | 56% | TX | 81% | 75% | 69% |
| THREE | | | | SUBTOTAL | 79% | 75% | 67% |
| DC | data not available | data not available | data not available | SEVEN | | | |
| DE | 78% | 77% | 64% | IA | 72% | 79% | 69% |
| MD | 92% | 91% | 86% | KS | 74% | 87% | 64% |
| PA | 82% | 74% | 64% | MO | 92% | 89% | 86% |
| VA | 64% | 58% | 47% | NE | 76% | 69% | 58% |
| WV | 72% | 70% | 59% | SUBTOTAL | 80% | 82% | 71% |
| SUBTOTAL | 75% | 70% | 60% | EIGHT | | | |
| FOUR | | | | CO | 78% | 81% | 70% |
| AL | 89% | 80% | 77% | MT | 96% | 93% | 92% |
| FL | 88% | 87% | 85% | ND | 83% | 86% | 73% |
| GA | 86% | 75% | 72% | SD | 79% | 74% | 53% |
| KY | 72% | 70% | 60% | UT | 82% | 75% | 67% |
| MS | 88% | 86% | 83% | WY | 88% | 90% | 80% |
| NC | 69% | 68% | 58% | SUBTOTAL | 83% | 82% | 72% |
| SC | 84% | 80% | 71% | | | | |
| TN | 80% | 78% | 70% | | | | |
| SUBTOTAL | 82% | 77% | 71% | | | | |

*States reporting based on requirements more stringent than the federal SOC requirements.

UST Significant Operational Compliance Measures for Mid-Year FY 2005 (as of 9/30/04)

| Region/State | % in Significant Operational Compliance with Release Prevention | % in Significant Operational Compliance with Release Detection | % of UST Facilities in SOC w/UST Release Detection and Release Prevention | Region/State | % in Significant Operational Compliance with Release Prevention | % in Significant Operational Compliance with Release Detection | % of UST Facilities in SOC w/UST Release Detection and Release Prevention |
|--------------|---|--|---|--|---|--|---|
| NINE | | | | LD Compliance Measures for Indian Country | | | |
| AZ | 94% | 92% | 91% | REGION 1 | N/A | N/A | N/A |
| CA | 91% | 94% | 89% | REGION 2 | data not available | data not available | data not available |
| HI | 98% | 89% | 88% | REGION 3 | N/A | N/A | N/A |
| NV | 93% | 86% | 80% | REGION 4 | 86% | 62% | 62% |
| CNMI | 100% | 90% | 90% | REGION 5 | 56% | 50% | 40% |
| GU | 63% | 88% | 57% | REGION 6 | 48% | 13% | 10% |
| AS | 50% | 20% | 17% | REGION 7 | 44% | 38% | 13% |
| SUBTOTAL | 92% | 93% | 88% | REGION 8 | 86% | 78% | 69% |
| TEN | | | | REGION 9 | 72% | 77% | 59% |
| AK | 91% | 78% | 72% | REGION 10 | 64% | 36% | 32% |
| ID | 46% | 32% | 28% | SUBTOTAL | 68% | 57% | 46% |
| OR | 76% | 65% | 56% | | | | |
| WA | 72% | 50% | 44% | | | | |
| SUBTOTAL | 70% | 53% | 46% | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | NATIONAL TOTAL | 78% | 73% | 65% |

 These compliance rates indicate the percentage of recently-inspected facilities found to be in significant operational compliance with federal UST requirements. In September 2003, EPA sent guidance to states containing more detailed procedures and criteria they should use to determine the percentage of facilities in significant operational compliance. EPA prepared this guidance in close cooperation with states. States are allowed to report based on requirements more stringent than the federal SOC requirements and four states, Connecticut, Rhode Island, Vermont and Illinois, indicated they had done so. Please see the addendum on the next page for details on the more stringent requirements used by these states.

*States reporting based on requirements more stringent than the federal SOC requirements.