

**Semiannual Report Of UST Performance Measures
Mid Fiscal Year 2021 (October 1, 2020 – March 31, 2021)**

How is the underground storage tank (UST) program performing at mid fiscal year (FY) 2021?

UST Program Measures	National Performance
UST Universe – Petroleum And Hazardous Substance Tank Systems (page 1)	
Petroleum USTs regulated by EPA's UST program (as of March 2021)	540,329 active USTs at approximately 193,700 facilities
UST Inspections (page 3)	
On-site inspections at federally-regulated UST facilities (between October 2020 and March 2021)	39,382 total
UST Technical Compliance Measure (page 4)	
Technical compliance rate (TCR) (between April 2020 and March 2021)	59.3%
UST Significant Operational Compliance Measure (page 8)	
Significant operational compliance (SOC) rate (between April 2020 and March 2021)	68.7%
UST Additional Compliance Measures (page 11) (between April 2020 and March 2021)	
Class A and B operator training requirements	88.3%
Financial responsibility requirements	90%
Walk through requirements	81.5%
LUST Corrective Action Measures (page 13)	
Confirmed releases (between October 2020 and March 2021)	2,395 (includes 1 in Indian country) • cumulative since 1984 inception of the program = 562,217
Cleanups completed (between October 2020 and March 2021)	3,439 (0 completed in Indian country) • cumulative since 1984 inception of the program = 499,169
Releases remaining to be cleaned up (as of March 2021)	63,048*

*Note that the backlog of releases remaining to be cleaned up increased slightly from 62,493 at end of fiscal year 2020 due to historical corrections.

Why are some states reporting significant operational compliance (SOC) and others are reporting technical compliance rate (TCR)?

States, territories, and the District of Columbia (hereafter referred to as states) continue to report on either SOC measures or TCR measures, depending on their state's regulatory compliance dates. After the end of fiscal year 2022, our semiannual UST performance report will only include TCR measures and no longer include SOC performance measures. In October 2018, EPA updated our existing compliance performance measures and added



new measures. Reporting changes are the result of the 2015 federal UST regulation that increased emphasis on properly operating and maintaining UST equipment. For more information, see EPA's technical compliance rate performance measures website www.epa.gov/ust/technical-compliance-rate-tcr-performance-measures.

What are the definitions for the UST performance measures?

The most current definitions for the UST performance measures are available on EPA's UST performance website www.epa.gov/ust/ust-performance-measures under **Definitions**.

Where does EPA get the performance data?

Twice each year, EPA collects data from states regarding underground storage tank performance measures and makes the data publicly available. EPA directly provides data on work in Indian country, since the Agency implements the program there. These data include information such as the number of active and closed petroleum tanks and hazardous substance tanks, releases confirmed, cleanups initiated and completed, and inspections conducted. The data also include the percentage of facilities in significant operational compliance and those in compliance with UST technical requirements, operator training, financial responsibility, and walk through requirements. EPA compiles the data and presents it in table format for all states and Indian country.

Where can I find performance data from previous years?

EPA's UST performance measures website www.epa.gov/ust/ust-performance-measures provides the most current report, as well as historical reports beginning with FY 1988, the first year EPA reported UST data. Reports are listed beginning with the most recent first.

For more information, contact Susan Burnell of EPA's Office of Underground Storage Tanks at burnell.susan@epa.gov or 202-564-0766.

UST Universe – Petroleum and Hazardous Substance UST Systems for Mid-Year FY 2021
(Cumulative through March 31, 2021)

Region	State	Number of Active Petroleum UST Systems	Number of Closed Petroleum UST Systems	Number of Active Hazardous Substance UST Systems	Number of Closed Hazardous Substance UST Systems	Total Active UST Systems	Total Closed UST Systems
State Data by Region							
1	CT	5,442	29,270	17	813	5,459	30,083
	MA	8,413	27,606	75	741	8,488	28,347
	ME	2,133	14,428	0	170	2,133	14,598
	NH	2,188	12,706	14	157	2,202	12,863
	RI	1,094	9,140	1	272	1,095	9,412
	VT	1,661	6,583	15	58	1,676	6,641
Region Subtotal		20,931	99,733	122	2,211	21,053	101,944
2	NJ	12,554	63,544	366	5,081	12,920	68,625
	NY	21,977	111,235	322	1,251	22,299	112,486
	PR	4,450	5,880	1	148	4,451	6,028
	VI	133	293	0	0	133	293
Region Subtotal		39,114	180,952	689	6,480	39,803	187,432
3	DC	545	3,569	2	111	547	3,680
	DE	1,127	7,708	2	93	1,129	7,801
	MD	6,896	37,659	7	275	6,903	37,934
	PA	21,461	69,607	57	2,464	21,518	72,071
	VA	17,788	64,246	23	897	17,811	65,143
	WV	3,951	21,848	4	182	3,955	22,030
Region Subtotal		51,768	204,637	95	4,022	51,863	208,659
4	AL	16,267	31,498	13	175	16,280	31,673
	FL	22,786	114,131	22	176	22,808	114,307
	GA	29,210	53,162	36	330	29,246	53,492
	KY	9,274	41,604	25	333	9,299	41,937
	MS	7,931	24,459	13	42	7,944	24,501
	NC	23,786	73,104	46	1,265	23,832	74,369
	SC	11,209	34,725	13	346	11,222	35,071
	TN	16,129	41,731	14	423	16,143	42,154
Region Subtotal		136,592	414,414	182	3,090	136,774	417,504
5	IL	18,286	64,381	191	2,079	18,477	66,460
	IN	13,496	43,844	28	697	13,524	44,541
	MI ¹	17,693	72,817	DNA	DNA	17,693	72,817
	MN	12,649	34,376	45	409	12,694	34,785
	OH	20,919	54,163	97	646	21,016	54,809
	WI	13,457	71,903	57	854	13,514	72,757
Region Subtotal		96,500	341,484	418	4,685	96,918	346,174
6	AR	8,563	22,251	0	42	8,563	22,293
	LA	10,251	36,951	16	14	10,267	36,965
	NM	3,022	13,941	2	118	3,024	14,059
	OK ¹	8,426	22,562	DNA	DNA	8,426	22,562
	TX	47,981	127,479	62	476	48,043	127,955
Region Subtotal		78,243	223,184	80	650	78,323	223,834
7	IA	6,436	24,338	24	172	6,460	24,510
	KS	7,162	21,910	8	50	7,170	21,960
	MO	8,487	33,520	19	392	8,506	33,912
	NE	6,211	15,761	2	34	6,213	15,795
Region Subtotal		28,296	95,529	53	648	28,349	96,177

UST Universe – Petroleum and Hazardous Substance UST Systems for Mid-Year FY 2021
(Cumulative through March 31, 2021)

Region	State	Number of Active Petroleum UST Systems	Number of Closed Petroleum UST Systems	Number of Active Hazardous Substance UST Systems	Number of Closed Hazardous Substance UST Systems	Total Active UST Systems	Total Closed UST Systems
8	CO	7,016	24,892	10	308	7,026	25,200
	MT	2,597	11,645	5	96	2,602	11,741
	ND	2,233	7,792	0	41	2,233	7,833
	SD	3,014	7,307	40	479	3,054	7,786
	UT	3,617	14,348	0	101	3,617	14,449
	WY	1,597	8,641	6	23	1,603	8,664
Region Subtotal		20,074	74,625	61	1,048	20,135	75,673
9	AS	3	65	0	0	3	65
	AZ	5,684	23,458	6	94	5,690	23,552
	CA	36,035	135,987	1,497	22,315	37,532	158,302
	CNMI	59	77	0	0	59	77
	GU	241	507	2	0	243	507
	HI	1,339	5,702	0	21	1,339	5,723
	NV	3,929	7,970	14	29	3,943	7,999
Region Subtotal		47,290	173,766	1,519	22,459	48,809	196,225
10	AK	894	6,929	1	22	895	6,951
	ID	2,972	11,578	6	34	2,978	11,612
	OR	5,355	27,146	7	155	5,362	27,301
	WA	9,868	38,042	8	630	9,876	38,672
Region Subtotal		19,089	83,695	22	841	19,111	84,536
Indian Country Data							
Region 1		13	6	0	0	13	6
Region 2		167	54	0	0	167	54
Region 4		61	77	0	0	61	77
Region 5		397	1,105	3	3	400	1,108
Region 6		311	320	0	0	311	320
Region 7		77	99	0	0	77	99
Region 8		470	1,923	0	11	470	1,934
Region 9		589	1,495	0	3	589	1,498
Region 10		347	1,188	0	23	347	1,211
Indian Country Total		2,432	6,267	3	40	2,435	6,307
National Data							
National Total		540,329	1,898,286	3,244	46,174	543,573	1,944,460

¹DNA = Data Not Available. MI was unable to report closed hazardous substance UST data for Mid-Year FY 2021. OK Corporation Commission (OCC) does not collect hazardous substance UST data in OK.

Note: active UST system counts are calculated values from reported total UST systems minus the number of reported closed UST systems.

Note: there are no tribal USTs in EPA Region 3.

UST Inspections for Mid-Year FY 2021
(October 1, 2020 – March 31, 2021)

Region	State	Number of On-Site Inspections Conducted
State Data by Region		
1	CT	350
	MA	365
	ME	465
	NH	113
	RI	55
	VT	94
	Region Subtotal	1,442
2	NJ	593
	NY	1,024
	PR	190
	VI	0
	Region Subtotal	1,807
3	DC	27
	DE	61
	MD	552
	PA	1,162
	VA	722
	WV	252
Region Subtotal	2,776	
4	AL	1,156
	FL	2,074
	GA	1,560
	KY	793
	MS	411
	NC	1,659
	SC	1,513
	TN	1,046
Region Subtotal	10,212	
5	IL	1,666
	IN	498
	MI	938
	MN	381
	OH	1,240
	WI	1,116
	Region Subtotal	5,839
6	AR	633
	LA	765
	NM	21
	OK	1,681
	TX	3,165
Region Subtotal	6,265	
7	IA	519
	KS ¹	DNA
	MO	649
	NE	347
Region Subtotal	1,515	

Region	State	Number of On-Site Inspections Conducted
8	CO	467
	MT	186
	ND	40
	SD	290
	UT	328
	WY	127
	Region Subtotal	1,438
9	AS	3
	AZ	311
	CA	6,048
	CNMI	3
	GU	0
	HI	77
	NV	650
	Region Subtotal	7,092
10	AK	27
	ID	163
	OR	87
	WA	668
Region Subtotal	945	
Indian Country Data		
Region 1		0
Region 2		4
Region 4		3
Region 5		4
Region 6		0
Region 7		0
Region 8		26
Region 9		14
Region 10		0
Indian Country Subtotal		51
National Data		
National Total		39,382

¹DNA = Data Not Available. KS is migrating to a new database and is not able to provide inspections and compliance data for Mid-Year FY 2021 reporting.

Note: there are no tribal USTs in EPA Region 3.

UST Technical Compliance Rate Measures for Mid-Year FY 2021
(April 1, 2020 – March 31, 2021)

Region	State	% in Compliance with 2015 Spill Prevention Requirements	% in Compliance with 2015 Overfill Prevention Requirements	% in Compliance with 2015 Corrosion Protection Requirements	% in Compliance with 2015 Release Detection Requirements	% of UST Facilities meeting the Technical Compliance Rate (in compliance with all TCR categories)
State Data by Region						
1	CT	N/A	N/A	N/A	N/A	N/A
	MA	N/A	N/A	N/A	N/A	N/A
	ME	N/A	N/A	N/A	N/A	N/A
	NH	N/A	N/A	N/A	N/A	N/A
	RI	N/A	N/A	N/A	N/A	N/A
	VT ¹	28%	15%	97%	84%	14%
Region Subtotal		28%	15%	97%	84%	14%
2	NJ	99%	96%	97%	86%	82%
	NY	N/A	N/A	N/A	N/A	N/A
	PR	47%	46%	67%	44%	36%
	VI	N/A	N/A	N/A	N/A	N/A
Region Subtotal		86%	83%	89%	75%	70%
3	DC	N/A	N/A	N/A	N/A	N/A
	DE	N/A	N/A	N/A	N/A	N/A
	MD	N/A	N/A	N/A	N/A	N/A
	PA	N/A	N/A	N/A	N/A	N/A
	VA	55%	40%	88%	44%	26%
	WV	77%	74%	95%	75%	61%
Region Subtotal		59%	46%	89%	50%	32%
4	AL	73%	83%	81%	51%	37%
	FL ¹	75%	78%	99%	68%	58%
	GA ²	DNA	DNA	DNA	DNA	DNA
	KY	82%	78%	87%	79%	60%
	MS	N/A	N/A	N/A	N/A	N/A
	NC	76%	79%	89%	72%	56%
	SC	69%	61%	85%	71%	45%
	TN	N/A	N/A	N/A	N/A	N/A
Region Subtotal		75%	77%	89%	67%	52%
5	IL	87%	85%	94%	63%	32%
	IN	N/A	N/A	N/A	N/A	N/A
	MI	87%	87%	90%	89%	87%
	MN	N/A	N/A	N/A	N/A	N/A
	OH	59%	58%	93%	59%	49%
	WI	98%	92%	96%	61%	58%
Region Subtotal		81%	79%	93%	68%	56%
6	AR	N/A	N/A	N/A	N/A	N/A
	LA	N/A	N/A	N/A	N/A	N/A
	NM	N/A	N/A	N/A	N/A	N/A
	OK	93%	93%	84%	63%	54%
	TX	94%	94%	94%	87%	84%
Region Subtotal		94%	94%	93%	83%	80%
7	IA	N/A	N/A	N/A	N/A	N/A
	KS	N/A	N/A	N/A	N/A	N/A
	MO	97%	98%	84%	97%	77%
	NE	N/A	N/A	N/A	N/A	N/A
Region Subtotal		97%	98%	84%	97%	77%

UST Technical Compliance Rate Measures for Mid-Year FY 2021
(April 1, 2020 – March 31, 2021)

Region	State	% in Compliance with 2015 Spill Prevention Requirements	% in Compliance with 2015 Overfill Prevention Requirements	% in Compliance with 2015 Corrosion Protection Requirements	% in Compliance with 2015 Release Detection Requirements	% of UST Facilities meeting the Technical Compliance Rate (in compliance with all TCR categories)
8	CO	98%	94%	100%	95%	91%
	MT	N/A	N/A	N/A	N/A	N/A
	ND	N/A	N/A	N/A	N/A	N/A
	SD	N/A	N/A	N/A	N/A	N/A
	UT	96%	98%	97%	84%	76%
	WY	100%	100%	99%	97%	96%
Region Subtotal		98%	96%	99%	92%	87%
9	AS	N/A	N/A	N/A	N/A	N/A
	AZ	72%	70%	86%	62%	50%
	CA ¹	87%	91%	98%	71%	61%
	CNMI	100%	100%	100%	87%	87%
	GU ²	DNA	DNA	DNA	DNA	DNA
	HI	N/A	N/A	N/A	N/A	N/A
NV	78%	77%	98%	34%	22%	
Region Subtotal		84%	87%	97%	67%	56%
10	AK	79%	81%	98%	78%	76%
	ID	N/A	N/A	N/A	N/A	N/A
	OR	68%	69%	95%	55%	38%
	WA	86%	83%	89%	77%	63%
Region Subtotal		80%	78%	92%	70%	55%
Indian Country Data						
Region 1 ²		DNA	DNA	DNA	DNA	DNA
Region 2 ²		DNA	DNA	DNA	DNA	DNA
Region 4		100%	100%	100%	33%	33%
Region 5 ²		DNA	DNA	DNA	DNA	DNA
Region 6 ²		DNA	DNA	DNA	DNA	DNA
Region 7 ²		DNA	DNA	DNA	DNA	DNA
Region 8		34%	34%	74%	36%	17%
Region 9		19%	35%	42%	45%	16%
Region 10		52%	52%	96%	52%	36%
Indian Country Subtotal		35%	41%	68%	43%	22%
National Data						
National Total		81.2%	80.6%	91.9%	71.0%	59.3%

Note: compliance measures track the percentage of recently inspected facilities in compliance with federal performance standards. States have different approaches to targeting inspections (i.e., non-compliant facilities or random inspections). EPA updated the compliance measures to track compliance for provisions in the updated 2015 federal regulation. States will switch from tracking compliance against the significant operational compliance (SOC) measures to the technical compliance rate (TCR) measures as they pass the compliance dates in the states' updated regulations. During the transition from SOC to TCR, this TCR table will list the states that are still reporting SOC as N/A (not applicable). See the SOC chart for the compliance data for states listed as N/A on this table. The TCR measures will ultimately show compliance for the last 12 months. As states transition to TCR, they will begin by reporting on a shorter timeframe, at most six months; some will even be less due to compliance dates or timeframe to enable system updates for tracking compliance.

Note: there are no tribal USTs in EPA Region 3.

¹States reporting based on requirements more stringent than the federal TCR requirements. See pages 6-7 for description of state regulations more stringent than the federal TCR requirements.

²DNA = Data Not Available. States/EPA Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting TCR. However, EPA Regions 1, 6 and 7 and Guam had not conducted inspections in the last 12 months in part due to COVID restrictions and had no compliance data to report for Mid-Year FY 2021. GA, EPA Regions 2 and 5 (Indian country) were not able to report TCR at Mid-Year FY 2021.

States with Requirements More Stringent Than the Federal Technical Compliance Rate Requirements

CALIFORNIA

- UST compliance inspections performed once every 12 months.
- Field constructed USTs are regulated as non-field constructed USTs.

Spill Prevention:

- Spill prevention testing performed every 12 months.
- Spill prevention contains at least five gallons with method to empty container.

Corrosion Protection:

- Interior lining and monitoring well required for single-walled steel USTs.
- Cathodic protection system records maintained for 78 months.

Release Detection:

- Automatic line leak detectors on double-walled pressurized pipe, other than emergency generators, must restrict or shut off flow of product when a leak is detected.
- Automatic line leak detectors on single-walled pressurized pipe, other than emergency generators, must shut down the pump when a leak is detected or leak detector is disconnected.
- All hazardous substance UST systems are continuously monitored.
- Petroleum UST systems installed after January 1, 1984 required to be double-walled, continuously monitored and cathodically protected.
- Continuously monitored under-dispenser containment required on all dispensers since December 31, 2003.
- Secondary containment testing required for tanks, piping, under-dispenser containment and sumps for systems installed between January 1, 1984 and June 30, 2004 since 2003.
- Secondary containment systems installed after July 1, 2004:
 - require continuous monitoring of the primary and secondary containment by vacuum, pressure or hydrostatic pressure, with monitoring equipment certified every 12 months;
 - have no exemption for safe suction piping;
 - must be capable of detecting liquid or vapor phase releases; and
 - are designed to prevent any water intrusion.
- All release detection and secondary containment records maintained for 36 months.

FLORIDA

Release Detection:

- Groundwater and vapor monitoring plus SIR are not allowed unless approved by FDEP.

VERMONT

Spill Prevention:

- All tanks must have spill containment, regardless of the volume transferred at any one time.
- Spill containment devices installed or replaced after July 1, 2007 shall have a minimum capacity of 15 gallons and not be equipped with a drain valve (though not sure these would affect TCR).

Corrosion Protection:

- Systems using field-installed anodes must be CP tested at least annually after the initial test.
- Systems using impressed current shall be inspected and tested at least annually.

Release Detection:

- Any dispenser sump installed after July 1, 2007 must be monitored interstitially.
- Inventory monitoring is required for all federally-regulated motor fuel tanks, and records maintained onsite.
- Weekly monitoring required for tank and piping. Records must be available for the 2 most recent consecutive months and for 8 of the last 12 months.
- Inventory control /Tank Tightness Testing (TTT) not allowed as a release detection method after 6/30/98.

UST Significant Operational Compliance Measures for Mid-Year FY 2021
(April 1, 2020 – March 31, 2021)

Region	State	% in Significant Operational Compliance with Release Prevention Regulations	% in Significant Operational Compliance with Release Detection Regulations	% of UST Facilities in SOC w/UST Release Detection and Release Prevention
State Data by Region				
1	CT ¹	96%	98%	94%
	MA	83%	62%	57%
	ME	85%	76%	66%
	NH	68%	52%	41%
	RI ¹	64%	52%	42%
	VT	N/A	N/A	N/A
Region Subtotal		84%	72%	66%
2	NJ	N/A	N/A	N/A
	NY	84%	76%	70%
	PR	N/A	N/A	N/A
	VI ²	DNA	DNA	DNA
Region Subtotal		84%	76%	70%
3	DC	97%	97%	95%
	DE	95%	96%	94%
	MD	88%	93%	84%
	PA	63%	77%	53%
	VA	N/A	N/A	N/A
	WV	N/A	N/A	N/A
Region Subtotal		70%	81%	62%
4	AL	N/A	N/A	N/A
	FL	N/A	N/A	N/A
	GA	N/A	N/A	N/A
	KY	N/A	N/A	N/A
	MS	78%	74%	65%
	NC	N/A	N/A	N/A
	SC	N/A	N/A	N/A
	TN	92%	87%	75%
Region Subtotal		87%	83%	72%
5	IL	N/A	N/A	N/A
	IN	84%	84%	82%
	MI	N/A	N/A	N/A
	MN	83%	84%	81%
	OH	N/A	N/A	N/A
	WI	N/A	N/A	N/A
Region Subtotal		84%	84%	81%
6	AR	69%	72%	56%
	LA	87%	63%	58%
	NM	90%	96%	88%
	OK	N/A	N/A	N/A
	TX	N/A	N/A	N/A
Region Subtotal		80%	71%	61%

UST Significant Operational Compliance Measures for Mid-Year FY 2021
(April 1, 2020 – March 31, 2021)

Region	State	% in Significant Operational Compliance with Release Prevention Regulations	% in Significant Operational Compliance with Release Detection Regulations	% of UST Facilities in SOC w/UST Release Detection and Release Prevention
7	IA	87%	72%	64%
	KS ²	DNA	DNA	DNA
	MO	N/A	N/A	N/A
	NE ¹	78%	73%	65%
Region Subtotal		83%	72%	64%
8	CO	N/A	N/A	N/A
	MT	88%	87%	77%
	ND	88%	85%	81%
	SD	84%	87%	78%
	UT	N/A	N/A	N/A
	WY	N/A	N/A	N/A
Region Subtotal		87%	87%	79%
9	AS	100%	33%	33%
	AZ	N/A	N/A	N/A
	CA	N/A	N/A	N/A
	CNMI	N/A	N/A	N/A
	GU	N/A	N/A	N/A
	HI	91%	84%	72%
	NV	N/A	N/A	N/A
Region Subtotal		91%	84%	72%
10	AK	N/A	N/A	N/A
	ID ¹	88%	83%	51%
	OR	N/A	N/A	N/A
	WA	N/A	N/A	N/A
Region Subtotal		88%	83%	51%
National Data				
National Total		81.6%	78.4%	68.7%

Note: compliance measures track the percentage of recently inspected facilities in compliance with federal performance standards. States have different approaches to targeting inspections (i.e., non-compliant facilities or random inspections). EPA updated the compliance measures to track compliance for provisions in the updated 2015 federal regulation. States will switch from tracking compliance against the significant operational compliance (SOC) measures to the technical compliance rate (TCR) measures as they pass the compliance dates in the states' updated regulations. During the transition from SOC to TCR, this SOC table will list the states that have switched to reporting TCR as N/A (not applicable). See the TCR table for the compliance data for states listed as N/A on this table. The SOC measures show compliance for the last 12 months.

Note: Indian country falls under the federal regulation. See the TCR pages for compliance data in Indian country.

¹States reporting based on requirements more stringent than the federal TCR requirements. See page 10 for description of state regulations more stringent than the federal TCR requirements.

²DNA = Data Not Available. VI did not conduct any inspections in the last 12 months and had no compliance data to report for Mid-Year FY 2021. KS is migrating to a new database and is not able to provide inspections and compliance data for Mid-Year FY 2021 reporting.

States With Requirements More Stringent Than The Federal Significant Operational Compliance Requirements

CONNECTICUT

Release Prevention: Operation and Maintenance of Cathodic Protection

- Lining not allowed.

Release Detection: Testing

- Tanks and piping require weekly and monthly monitoring for releases and records must be available (for 2 of the most recent consecutive months and for 8 of the last 12 months).
- Statistical Inventory Reconciliation (SIR) not allowed as a stand-alone method.

IDAHO

- Idaho measures compliance against the full state regulation not the SOC measures.

NEBRASKA

Release Prevention: Cathodic Protection

- All metal components in contact with any electrolyte must be cathodically protected.

Release Prevention: Reporting

- Owner/operator must submit monthly inventory monitoring reports to the state.

Release Prevention: Temporarily Closed Tanks

- Owner/operator must permanently close USTs that have been in temporary closed status for more than one year.

RHODE ISLAND

Release Prevention: Operation and Maintenance

- All tanks and piping are required to be tightness tested after a repair. No exemptions.

Release Prevention: Operation and Maintenance of Cathodic Protection

- Impressed current cathodic protection systems are required to be tested every 2 years.

Release Detection: Monitoring and Testing

- Records required for the past 36 months.
- Inventory control is required for all tanks (single-walled and double-walled).
- Tightness testing schedule is different than the federal requirement; it depends on the type of tank.
 - Tank tightness must be performed on all single walled tanks.
 - Tightness tests must be performed every 5 years after the installation of the ATG until the tank has been installed for 20 years and every 2 years thereafter.
 - Single-walled USTs installed for a period of 30 years have to be tightness tested annually beginning in 2015.
 - UST systems upgraded with interior lining and/or cathodic protections are not required to have an ATG for 10 years after the upgrade. Tank tightness testing must be conducted annually during these 10 years. After 10 years, an ATG is required and tank tightness testing must be performed every 5 years until the tank has been installed for 20 years and then every 2 years thereafter. The results of all tightness tests shall be maintained for 3 years beyond the life of the facility.
 - Tightness testing of UST and piping interstitial spaces is required when a system has been installed for a period of 20 years, and every 2 years thereafter.
- Groundwater or vapor monitoring not accepted as a method of leak detection.
- SIR not accepted.

UST Additional Compliance Measures for Mid-Year FY 2021
(April 1, 2020 – March 31, 2021)

Region	State	% in Compliance with A and B Operator Training Requirements	% in Compliance with Financial Responsibility Requirements ¹	% in Compliance with 2015 Walk Through Requirements
State Data by Region				
1	CT	100%	100%	100%
	MA	N/A	N/A	N/A
	ME	N/A	N/A	N/A
	NH	N/A	N/A	N/A
	RI	N/A	N/A	N/A
	VT	98%	100%	86%
Region Subtotal		100%	100%	97%
2	NJ	99%	97%	96%
	NY	N/A	N/A	N/A
	PR	52%	59%	63%
	VI	N/A	N/A	N/A
Region Subtotal		86%	87%	87%
3	DC	N/A	N/A	N/A
	DE	N/A	N/A	N/A
	MD	N/A	N/A	N/A
	PA	N/A	N/A	N/A
	VA	78%	67%	56%
	WV	95%	89%	82%
Region Subtotal		81%	71%	61%
4	AL ²	99%	DNA	52%
	FL	88%	92%	91%
	GA	83%	94%	86%
	KY	85%	100%	79%
	MS	N/A	N/A	N/A
	NC	63%	94%	84%
	SC	97%	96%	73%
	TN	91%	100%	N/A
Region Subtotal		85%	95%	80%
5	IL	87%	88%	76%
	IN	N/A	N/A	N/A
	MI	82%	86%	82%
	MN	N/A	N/A	N/A
	OH	88%	91%	70%
	WI	95%	64%	91%
Region Subtotal		88%	84%	79%
6	AR	N/A	N/A	N/A
	LA	N/A	N/A	N/A
	NM	N/A	N/A	N/A
	OK	94%	100%	75%
	TX	95%	94%	94%
Region Subtotal		95%	95%	91%
7	IA	N/A	N/A	N/A
	KS	N/A	N/A	N/A
	MO	97%	97%	100%
	NE	N/A	N/A	N/A
Region Subtotal		97%	97%	100%

UST Additional Compliance Measures for Mid-Year FY 2021
(April 1, 2020 – March 31, 2021)

Region	State	% in Compliance with A and B Operator Training Requirements	% in Compliance with Financial Responsibility Requirements ¹	% in Compliance with 2015 Walk Through Requirements
8	CO	97%	89%	99%
	MT	N/A	N/A	N/A
	ND	N/A	N/A	N/A
	SD	N/A	N/A	N/A
	UT	95%	99%	95%
	WY	99%	100%	96%
Region Subtotal		97%	93%	98%
9	AS	N/A	N/A	N/A
	AZ	91%	97%	92%
	CA	89%	84%	80%
	CNMI	100%	93%	87%
	GU ²	DNA	100%	DNA
	HI	N/A	N/A	N/A
	NV	94%	93%	42%
Region Subtotal		90%	86%	78%
10	AK	90%	94%	81%
	ID	96%	95%	63%
	OR	97%	98%	79%
	WA	92%	96%	84%
Region Subtotal		94%	96%	79%
Indian Country Data				
Region 1²		DNA	DNA	DNA
Region 2		25 %	100 %	25 %
Region 4		100 %	100 %	100 %
Region 5²		DNA	DNA	DNA
Region 6²		DNA	DNA	DNA
Region 7²		DNA	DNA	DNA
Region 8		57 %	66 %	49 %
Region 9		39 %	45 %	39 %
Region 10		96 %	96 %	72 %
Indian Country Subtotal		57%	70%	50%
National Data				
National Total		88.3%	90.0%	81.5%

¹Financial responsibility requirements apply to petroleum USTs only, not hazardous substance USTs.

²DNA = Data Not Available. State/EPA Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting the additional compliance measures. EPA Region 5 Indian country was not able to report the additional compliance measures for Mid-Year FY 2021. AL is working to update its reporting system for financial responsibility. Guam and EPA Regions 1, 6 and 7 did not conduct any inspections in the last 12 months and have no compliance data to report for Mid-Year FY 2021. Guam reports financial responsibility compliance through a permitting process.

Note: there are no tribal USTs in EPA Region 3.

LUST Corrective Action Measures for Mid-Year FY 2021
(Actions This Period = October 1, 2020 - March 31, 2021; Cumulative = through March 31, 2021)

Region	State	Confirmed Releases Actions This Period	Confirmed Releases Cumulative	Cleanups Initiated Cumulative	Cleanups Completed Actions This Period	Cleanups Completed Cumulative	Cleanups Backlog
State Data by Region							
1	CT	45	3,700	3,633	44	2,647	1,053
	MA	11	6,707	6,668	37	6,327	380
	ME	37	3,194	3,147	28	3,143	51
	NH	7	2,731	2,728	5	2,178	553
	RI	7	1,495	1,495	11	1,347	148
	VT	1	2,187	2,185	10	1,636	551
Region Subtotal		108	20,014	19,856	135	17,278	2,736
2	NJ	145	18,403	16,289	171	13,361	5,042
	NY	68	30,502	30,453	89	29,759	743
	PR	3	1,087	847	4	541	546
	VI	0	39	38	0	35	4
Region Subtotal		216	50,031	47,627	264	43,696	6,335
3	DC	16	1,027	969	13	914	113
	DE	7	2,960	2,923	10	2,910	50
	MD	48	12,869	12,869	35	12,533	336
	PA	107	18,256	18,202	134	15,094	3,162
	VA	57	12,800	12,614	58	12,487	313
	WV	20	3,812	3,804	23	3,350	462
Region Subtotal		255	51,724	51,381	273	47,288	4,436
4	AL	37	12,272	12,150	30	11,363	909
	FL	108	33,934	33,084	483	24,545	9,389
	GA	100	14,915	14,766	132	14,143	772
	KY	55	17,306	17,291	42	16,705	601
	MS	67	8,408	8,164	46	7,930	478
	NC	85	27,124	24,820	244	24,499	2,625
	SC	103	10,557	10,253	80	8,280	2,277
	TN	71	15,870	15,870	66	15,751	119
Region Subtotal		626	140,386	136,398	1,123	123,216	17,170
5	IL	195	26,299	25,365	137	20,998	5,301
	IN	62	10,531	10,235	127	9,489	1,042
	MI	95	23,866	23,246	84	15,640	8,226
	MN	39	12,335	12,216	73	11,985	350
	OH	201	33,260	32,624	217	31,393	1,867
	WI	27	19,830	19,656	77	19,245	585
Region Subtotal		619	126,121	123,342	715	108,750	17,371
6	AR	7	1,411	1,376	7	1,306	105
	LA	36	5,866	5,866	80	5,296	570
	NM	15	2,687	2,370	3	1,860	827
	OK	26	5,695	5,695	37	5,350	345
	TX	110	28,774	28,025	102	27,528	1,246
Region Subtotal		194	44,433	43,332	229	41,340	3,093
7	IA	13	6,336	6,216	45	5,985	351
	KS	9	5,389	5,322	9	4,119	1,270
	MO	37	7,456	7,453	42	6,824	632
	NE	21	6,780	6,252	42	6,084	696
Region Subtotal		80	25,961	25,243	138	23,012	2,949

LUST Corrective Action Measures for Mid-Year FY 2021
(Actions This Period = October 1, 2020 - March 31, 2021; Cumulative = through March 31, 2021)

Region	State	Confirmed Releases Actions This Period	Confirmed Releases Cumulative	Cleanups Initiated Cumulative	Cleanups Completed Actions This Period	Cleanups Completed Cumulative	Cleanups Backlog
8	CO	95	9,371	8,899	119	8,931	440
	MT	11	3,171	3,068	10	2,486	685
	ND	0	900	876	0	864	36
	SD	12	2,898	2,759	23	2,808	90
	UT	33	5,254	5,171	38	4,975	279
	WY	0	2,809	2,800	23	2,227	582
Region Subtotal		151	24,403	23,573	213	22,291	2,112
9	AS	0	8	8	0	8	0
	AZ	51	9,354	9,273	81	8,983	371
	CA	22	44,484	43,806	160	42,149	2,335
	CNMI	0	15	15	0	14	1
	GU	0	147	147	3	136	11
	HI	6	2,185	2,149	7	2,083	102
	NV	9	2,632	2,632	16	2,518	114
Region Subtotal		88	58,825	58,030	267	55,891	2,934
10	AK	11	2,563	2,483	18	2,253	310
	ID	4	1,547	1,527	6	1,502	45
	OR	23	7,777	7,575	27	6,993	784
	WA	19	7,064	6,818	31	4,529	2,535
Region Subtotal		57	18,951	18,403	82	15,277	3,674
Indian Country Data							
Region 1		0	2	2	0	2	0
Region 2		0	8	8	0	7	1
Region 4		0	16	16	0	13	3
Region 5		1	254	228	0	187	67
Region 6		0	109	108	0	69	40
Region 7		0	24	24	0	16	8
Region 8		0	449	441	0	380	69
Region 9		0	306	300	0	263	43
Region 10		0	200	200	0	193	7
Indian Country Subtotal		1	1,368	1,327	0	1,130	238
National Data							
National Total		2,395	562,217	548,512	3,439	499,169	63,048

Definition of confirmed releases, cleanups initiated, and cleanups completed are on EPA's website at https://www.epa.gov/sites/production/files/2018-04/documents/revised-ust-lust-perf-meas-defs_4-10-18.pdf.

Note: there are no tribal USTs in EPA's Region 3.

Note: the LUST corrective action performance measures apply to petroleum USTs only, not hazardous substance USTs.

UST National Backlog: FY 1989 Through Mid-Year FY 2021

