National Aeronautics and
Space Administration
Headquarters
Washington, DC 20546-0001

August 2, 2006

Reply to Attn of: Environmental Management Division

The Honorable Stephen L. Johnson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001

Dear Mr. Johnson:

The Energy Policy Act of 2005, Subtitle B, Underground Storage Tank (UST) Compliance Act, requires each Federal agency that owns or operates underground storage tanks, or that manages land on which underground storage tanks are located, submit to the U. S. Senate, U. S. House of Representatives, and the U. S. Environmental Protection Agency an UST Compliance Strategy Report.

The National Aeronautics and Space Administration (NASA) is pleased to submit the enclosed "National Aeronautics and Space Administration UST Compliance Strategy Report." The report summarizes NASA's overall environmental performance and compliance strategy and provides detailed information on each NASA tank including non-compliance status and corrective action strategy.

As requested, NASA is providing electronic copies of this report to the individuals copied below. Upon request, NASA can also provide electronic copies of the detailed reports provided in the FedCenter.

If you have any questions, please contact James S. Leatherwood, Director, Environmental Management Division by e-mail at <james.leatherwood-1@nasa.gov> or by phone at 202-358- 0230.

Sincerely,

Olga M. Dominguez
Assistant Administrator for
Infrastructure and Administration

Enclosure

cc:
Environmental Protection Agency/Mr. Rothenstein (electronic copy)
Environmental Protection Agency /Mr. Kling (electronic copy)
Environmental Protection Agency /Ms. Garvey (electronic copy)
Environmental Protection Agency /Mr. McNeely (electronic copy)

National Aeronautics and Space Administration
Underground Storage Tank Compliance Strategy Report

The Energy Policy Act of 2005, Subtitle B, Underground Storage Tank Compliance Act, requires each Federal agency that owns or operates underground storage tanks, or that manages land on which underground storage tanks are located, submit to the US Congress and US Environmental Protection Agency an Underground Storage Tank Compliance Strategy Report. The National Aeronautics and Space Administration (NASA) has prepared this Underground Storage Tank Compliance Strategy Report to not only provide the detailed information requested by the Underground Storage Tank Compliance Act but to also describe NASA's overall approach to improve environmental performance and ensure environmental compliance.

Environmental Performance and Compliance Strategy

NASA has assumed a leadership role in environmental performance and compliance to ensure the continued sustainability of the NASA mission and our facilities. NASA is very supportive of the efforts of the Congress, the President, the Environmental Protection Agency, and other Federal, state and local stakeholders in striving to continually improve its environmental performance and compliance with environmental laws and regulations. NASA has implemented an environmental management system at all of its appropriate facilities and NASA Headquarters that extends beyond compliance to improved environmental performance and eventually environmental sustainability.

NASA considers the environmental management system to be the core element of its environmental program that serves as a single overall Agency approach to managing its environmental activities. The environmental management system establishes environmental policy, requirements and guidelines, identification of environmental priorities and allocation of resources to address those priorities, and appropriate training of personnel at each relevant level and function of the organization.

A key element of the environmental management system is its monitoring program that includes a corrective and preventive action system, environmental compliance audits, environmental management system audits, and management reviews. The environmental compliance audits are conducted on a 3-year cycle by an external audit team as recommended by Executive Order 13148. The audit evaluates the effectiveness of each environmental media, including underground storage tanks, for overall facility compliance. Findings are documented in a corrective action system. The results are presented to Center management through an out brief and formal report.

This report reflects the thoroughness of the internal compliance audit process as all but one of the non-compliant findings were based on internal audits. Corrective actions are already being implemented to address many of these findings.

Enclosure

Underground Storage Tank Compliance Status and Strategy

The Underground Storage Tank Compliance Act requires each Agency to submit detailed information for each underground storage tank located on its property as follows:

1. List the location and owner of all underground storage tanks on its property –

   - "Table 1 - Underground Storage Tanks on NASA Facilities."

2. List all tanks that are not in compliance that are owned or operated by the Federal agency –

   - "Table 2 – NASA Owned Non-Compliant Underground Storage Tank and Corrective Action Report."

3. Specify the date of the last inspection by a State or Federal inspector of each underground storage tank owned or operated by the agency –

   - "Table 3 – NASA Owned Underground Storage Tank Inspection Report."

4. List each violation respecting any underground storage tank owned or operated by the agency –

   - "Table 2 – NASA Owned Non-Compliant Underground Storage Tank and Corrective Action Report."

5. Describe the operator training that has been provided to the operator and other persons having primary daily on-site management responsibility for the operation and maintenance of underground storage tanks owned or operated by the agency –

   - "Table 4 – NASA Owned Underground Storage Tank Operator Training."

6. Describe the actions that have been and will be taken to ensure compliance for each underground storage tank identified under paragraph (B), above agency –

   - "Table 2 – NASA Owned Non-Compliant Underground Storage Tank and Corrective Action Report."

NASA identified a total of 73 underground storage tanks on its facilities of which 61 tanks are owned by NASA. NASA's internal audit and tank testing programs identified non-compliance findings at 22 tanks while a local regulatory inspection identified non-compliance findings at 1 tank. Corrective action is underway at 16 of the non-compliant tanks and is in the planning phase for the other 7 non-compliant tanks. Most of these findings were a result of older tanks needing to be upgraded to meet current leak detection and secondary containment requirements. There have been no findings indicating that any of the tanks have experienced releases.

Table 1 - Underground Storage Tanks on NASA Facilities

State	NASA Facility	Tank ID Number	Location / Address	City	County	Zip Code	Tank Owner
AL	George C Marshall Space Flight Center	50085	NASA Facility No. 4667	Marshall Space Flight Center	Madison	35812-0000	NASA
CA	Goldstone Deep Space Complex	G-24-1	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-24-2	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-24-3	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-26-1	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-26-2	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-81-1	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-81-2	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-81-3	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-82-1	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Goldstone Deep Space Complex	G-82-2	93 Goldstone Road	Ft. Irwin	San Bernardino	92310-5097	NASA
CA	Jet Propulsion Laboratory	19	4800 Oak Grove Drive	Pasadena	Los Angeles	91109-8099	NASA
CA	Jet Propulsion Laboratory	20	4800 Oak Grove Drive	Pasadena	Los Angeles	91109-8099	NASA
CA	Jet Propulsion Laboratory	21	4800 Oak Grove Drive	Pasadena	Los Angeles	91109-8099	NASA
CA	Ames Research Center	Tank 137	East Patrol Road	Moffett Field	Santa Clara	94035-0000	Navy

Table 1 - Underground Storage Tanks on NASA Facilities

State	NASA Facility	Tank ID Number	Location / Address	City	County	Zip Code	Tank Owner
CA	Ames Research Center	Tank 138	East Patrol Road	Moffett Field	Santa Clara	94035-0000	Navy
CA	Ames Research Center	Tank 139	East Patrol Road	Moffett Field	Santa Clara	94035-0000	Navy
CA	Ames Research Center	Tank 140	East Patrol Road	Moffett Field	Santa Clara	94035-0000	Navy
CA	Ames Research Center	Tank 25	Bldg. 251	Moffett Field	Santa Clara	94035-1000	NASA
CA	Ames Research Center	Tank 27	Bldg. 251	Moffett Field	Santa Clara	94035-1000	NASA
CA	Ames Research Center	Tank 431	Bldg. 161	Moffett Field	Santa Clara	94035-1000	NASA
CA	Ames Research Center	Tank 432	Bldg. 161	Moffett Field	Santa Clara	94035-1000	NASA
CA	Ames Research Center	Tank 953	Bldg. 953	Moffett Field	Santa Clara	94035-0000	Navy
FL	John F Kennedy Space Center	CCAFS 80700D	Fuel Storage # 1 Area	Cape Canaveral Air Force Station	Brevard	32920-0001	NASA
FL	John F Kennedy Space Center	KSC M6-596A	KSC Service Station	Kennedy Space Center	Brevard	32899-0001	NASA
MD	Goddard Space Flight Center	UST 27-1	Bldg 27	Greenbelt	Prince Georges	20771-0001	NASA
MS	John C Stennis Space Center	2201-1	B1100 Room 3030T	Stennis Space Center	Hancock	39529-6000	NASA
MS	John C Stennis Space Center	2201-2	B1100 Room 3030T	Stennis Space Center	Hancock	39529-6000	NASA
MS	John C Stennis Space Center	2201-3	B1100 Room 3030T	Stennis Space Center	Hancock	39529-6000	NASA
MS	John C Stennis Space Center	3219-APG-1	Building 3219	Stennis Space Center	Hancock	39529-6000	APG, Inc.

Table 1 - Underground Storage Tanks on NASA Facilities

State	NASA Facility	Tank ID Number	Location / Address	City	County	Zip Code	Tank Owner
MS	John C Stennis Space Center	3219-APG-2	Building 3219	Stennis Space Center	Hancock	39529-6000	APG, Inc.
MS	John C Stennis Space Center	3219-APG-3	Building 3219	Stennis Space Center	Hancock	39529-6000	APG, Inc.
MS	John C Stennis Space Center	3219-APG-4	Building 3219	Stennis Space Center	Hancock	39529-6000	APG, Inc.
MS	John C Stennis Space Center	3219-APG-5	Building 3219	Stennis Space Center	Hancock	39529-6000	APG, Inc.
NM	JSC White Sands Test Facility	NM STRC #2418	P.O. Box 20	Las Cruces	Dona Ana	88004-0000	NASA
NM	JSC White Sands Test Facility	STGT 78 & 78A	P.O. Box 20	Las Cruces	Dona Ana	88004-0000	NASA
NM	JSC White Sands Test Facility	WSGT Tanks D3A & D3B	P.O. Box 20	Las Cruces	Dona Ana	88004-0000	NASA
OH	Glenn Research Center at Lewis Field	T00101	Building 125	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00102	Building 125	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00103	Building 102 - Site 17	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00104	Building 102 - Site 17	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00105	Building 102 - Site 17	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00106	Building 102 - Site 17 .	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00107	Building 24 North	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00108	Building 24 South	Cleveland	Cuyahoga	44135-3127	NASA

Table 1 - Underground Storage Tanks on NASA Facilities

State	NASA Facility	Tank ID Number	Location / Address	City	County	Zip Code	Tank Owner
OH	Glenn Research Center at Lewis Field	T00109	Building 104	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00110	Building 104	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00111	Building 104	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00112	Building 131	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	T00113	Building 114	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	UST-115	Building 500	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	UST-116	Building 12, Steam Plant	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Lewis Field	UST-117	Building 12, Steam Plant	Cleveland	Cuyahoga	44135-3127	NASA
OH	Glenn Research Center at Plum Brook Station	T00201	Building 7132	Sandusky	Erie	44870-8329	NASA
OH	Glenn Research Center at Plum Brook Station	T00202	Building 7132	Sandusky	Erie	44870-8329	NASA
VA	Langley Research Center	1199-1	2 East Ames Street	Hampton	N/A	23681-2199	NASA
VA	Langley Research Center	1199-2	2 East Ames Street	Hampton	N/A	23681-2199	NASA
VA	Langley Research Center	1199-3	2 East Ames Street	Hampton	N/A	23681-2199	NASA
VA	Langley Research Center	1215-1	14 West Taylor Street	Hampton	N/A	23681-2199	NASA
VA	Langley Research Center	1215-2	14 West Taylor Street	Hampton	N/A	23681-2199	NASA

Table 1 - Underground Storage Tanks on NASA Facilities

State	NASA Facility	Tank ID Number	Location / Address	City	County	Zip Code	Tank Owner
VA	Langley Research Center	1215-3	14 West Taylor Street	Hampton	N/A	23662-2199	NASA
VA	Wallops Flight Facility	30129 D-37-1	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-2	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-3	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-4	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-5	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-6	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-7	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 D-37-8	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 F-26-1	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 F-26-2	Mail Stop 250.W	Wallops Island	Accomack	23337-5099	NASA
VA	Wallops Flight Facility	30129 NOAA-1	NOAA/Wallops CDA Station 35663	Wallops Island	Accomack	23337-5099	NOAA
VA	Wallops Flight Facility	30129 NOAA-2	NOAA/Wallops CDA Station 35663	Wallops Island	Accomack	23337-5099	NOAA

Table 2 - NASA-Owned Non-Compliant Underground Storage Tanks and Corrective Action Report

State	NASA Facility	Tank ID Number	Non-Compliance Determiner	Non-Compliance Findings	Corrective Action Strategy
CA	Jet Propulsion Laboratory	19	Tank Test	Release Detection (Subpart D)	The UST will be closed and removed from the facility by January 24, 2007.
OH	Glenn Research Center at Lewis Field	T00101	Internal Audit	UST System Requirements: Design/Construction/Installation and Notification (Subpart B), General Operating Requirements (Subpart C), Release Detection (Subpart D)	State Certified UST Contractor awarded contract to upgrade and verify compliance of release detection and spill prevention components. Expect to have upgrades and repairs started by August 2006 and completed before November 2006.
OH	Glenn Research Center at Lewis Field	T00102	Internal Audit	UST System Requirements: Design/Construction/Installation and Notification (Subpart B), General Operating Requirements (Subpart C), Release Detection (Subpart D)	State Certified UST Contractor awarded contract to upgrade and verify compliance of release detection and spill prevention components. Expect to have upgrades and repairs started by August 2006 and completed before November 2006.
OH	Glenn Research Center at Lewis Field	T00104	Internal Audit	Release Detection (Subpart D)	State Certified UST Contractor awarded contract to upgrade and verify compliance of release detection components. Expect to have upgrades and repairs started by August 2006 and completed before November 2006.
OH	Glenn Research Center at Lewis Field	T00107	Internal Audit	UST System Requirements: Design/Construction/Installation and Notification (Subpart B), Release Detection (Subpart D)	State Certified UST Contractor awarded contract to upgrade and verify compliance of release detection and spill prevention components. Expect to have upgrades and repairs started by August 2006 and completed before November 2006.

Table 2 - NASA-Owned Non-Compliant Underground Storage Tanks and Corrective Action Report

State	NASA Facility	Tank ID Number	Non-Compliance Determiner	Non-Compliance Findings	Corrective Action Strategy
OH	Glenn Research Center at Lewis Field	UST-116	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	State Certified UST Contractor awarded contract to upgrade and verify compliance of release detection and spill prevention components. Expect to have upgrades and repairs started by August 2006 and completed before November 2006.
OH	Glenn Research Center at Lewis Field	UST-117	Internal Audit	General Operating Requirements (Subpart C),Release Detection (Subpart D)	State Certified UST Contractor awarded contract to upgrade and verify compliance of release detection and spill prevention components. Expect to have upgrades and repairs started by August 2006 and completed before November 2006.
OH	Glenn Research Center at Plum Brook Station	T00201	Internal Audit	Release Detection (Subpart D)	Estimates on installing automatic tank gauging and associated sensors are underway. Conduit for each required tank sensor has been installed. Full compliance to be completed by August 2006.
OH	Glenn Research Center at Plum Brook Station	T00202	Internal Audit	Release Detection (Subpart D)	Estimates on installing automatic tank gauging and associated sensors are underway. Conduit for each required tank sensor has been installed. Full compliance to be completed by August 2006.
VA	Wallops Flight Facility	30129 D-37-1	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Status of the tank has been assessed and we are evaluating the best method to ensure compliance.
VA	Wallops Flight Facility	30129 D-37-2	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Status of the tank has been assessed and we are evaluating the best method to ensure compliance.

Table 2 - NASA-Owned Non-Compliant Underground Storage Tanks and Corrective Action Report

State	NASA Facility	Tank ID Number	Non-Compliance Determiner	Non-Compliance Findings	Corrective Action Strategy
VA	Wallops Flight Facility	30129 D-37-3	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Engineering specifications and health and safety requirements have been developed for removal of tank. Removal date is scheduled for fall 2006.
VA	Wallops Flight Facility	30129 D-37-4	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Engineering specifications and health and safety requirements have been developed for removal of tank. Removal date is scheduled for fall 2006.
VA	Wallops Flight Facility	30129 D-37-5	Internal Audit	General Operating Requirements (Subpart C),Release Detection (Subpart D)	Engineering specifications and health and safety requirements have been developed for removal of tank. Removal date is scheduled for fall 2006.
VA	Wallops Flight Facility	30129 D-37-6	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Status of the tank has been assessed and we are evaluating the best method to ensure compliance.
VA	Wallops Flight Facility	30129 D-37-7	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Status of the tank has been assessed and we are evaluating the best method to ensure compliance.
VA	Wallops Flight Facility	30129 D-37-8	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Status of the tank has been assessed and we are evaluating the best method to ensure compliance.
VA	Wallops Flight Facility	30129 F-26-1	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Evaluating removal of existing UST and replacing with AST. Requested funds from NASA Headquarters for replacement of tank to comply with E.O. 13149 standards and to utilize alternative fuels (biodiesel) as part of the Pollution Prevention Program. Due to tank age, updating to required standards is not feasible.

Table 2 - NASA-Owned Non-Compliant Underground Storage Tanks and Corrective Action Report

State	NASA Facility	Tank ID Number	Non-Compliance Determiner	Non-Compliance Findings	Corrective Action Strategy
VA	Wallops Flight Facility	30129 F-26-2	Internal Audit	General Operating Requirements (Subpart C), Release Detection (Subpart D)	Evaluating removal of existing UST and replacing with AST. Requested funds from NASA Headquarters for replacement of tank to comply with E.O. 13149 standards and to utilize alternative fuels (biodiesel) as part of the Pollution Prevention Program. Due to tank age, updating to required standards is not feasible.

Table 3 - NASA-Owned Underground Storage Tank Inspection Report

State	NASA Facility	Tank ID Number	Inspected by Regulator	Date Last Inspected	Type of Last Inspection
AL	George C. Marshall Space Flight Center	50085	Yes	12/20/2001	State Regulator
CA	Ames Research Center	Tank 25	Yes	10/18/2005	Local Regulator
CA	Ames Research Center	Tank 27	Yes	10/18/2005	Local Regulator
CA	Ames Research Center	Tank 431	Yes	10/18/2005	Local Regulator
CA	Ames Research Center	Tank 432	Yes	11/18/2005	Local Regulator
CA	Goldstone Deep Space Complex	G-24-1	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-24-2	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-24-3	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-26-1	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-26-2	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-81-1	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-81-2	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-81-3	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-82-1	Yes	2/24/2006	Local Regulator
CA	Goldstone Deep Space Complex	G-82-2	Yes	2/24/2006	Local Regulator
CA	Jet Propulsion Laboratory	19	Yes	3/8/2005	Local Regulator
CA	Jet Propulsion Laboratory	20	Yes	3/8/2005	Local Regulator
CA	Jet Propulsion Laboratory	21	Yes	3/8/2005	Local Regulator
FL	John F Kennedy Space Center	CCAFS 80700D	Yes	11/22/2005	Local Regulator
FL	John F Kennedy Space Center	KSC M6-596A	Yes	11/21/2005	Local Regulator
MD	Goddard Space Flight Center	UST 27-1	Yes	1/29/2004	State Regulator
MS	John C Stennis Space Center	2201-1	Yes	8/24/2005	State Regulator
MS	John C Stennis Space Center	2201-2	Yes	8/24/2005	State Regulator
MS	John C Stennis Space Center	2201-3	Yes	8/24/2005	State Regulator
NM	JSC White Sands Test Facility	NM STRC #2418	Yes	2/8/2006	State Regulator
NM	JSC White Sands Test Facility	STGT 78 & 78A	Yes	2/17/1998	State Regulator
NM	JSC White Sands Test Facility	WSGT Tanks D3A & D3B	Yes	2/17/1998	State Regulator
OH	Glenn Research Center at Lewis Field	T00101	Yes	9/23/2004	State Regulator
OH	Glenn Research Center at Lewis Field	T00102	Yes	9/23/2004	State Regulator

Table 3 - NASA-Owned Underground Storage Tank Inspection Report

State	NASA Facility	Tank ID Number	Inspected by Regulator	Date Last Inspected	Type of Last Inspection
VA	Wallops Flight Facility	30129 D-37-7	Yes	9/28/1999	Federal Regulator
VA	Wallops Flight Facility	30129 D-37-8	Yes	9/28/1999	Federal Regulator
VA	Wallops Flight Facility	30129 F-26-1	Yes	9/28/1999	Federal Regulator
VA	Wallops Flight Facility	30129 F-26-2	Yes	9/28/1999	Federal Regulator

Table 4 - NASA-Owned Underground Storage Tank Operator Training

State	NASA Facility	Tank ID Number	Training Provided	Type of Operator Training Provided
AL	George C. Marshall Space Flight Center	50085	Yes	Release Prevention, Release Detection, Release Response and Corrective Action
CA	Ames Research Center	Tank 25	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, State Required UST Training
CA	Ames Research Center	Tank 27	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, State Required UST Training
CA	Ames Research Center	Tank 431	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, State Required UST Training
CA	Ames Research Center	Tank 432	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, State Required UST Training
CA	Goldstone Deep Space Complex	G-24-1	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-24-2	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-24-3	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-26-1	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-26-2	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-81-1	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-81-2	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-81-3	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-82-1	Yes	State Required UST Training
CA	Goldstone Deep Space Complex	G-82-2	Yes	State Required UST Training

Table 4 - NASA-Owned Underground Storage Tank Operator Training

State	NASA Facility	Tank ID Number	Training Provided	Type of Operator Training Provided
CA	Jet Propulsion Laboratory	19	Yes	State Required UST Training
CA	Jet Propulsion Laboratory	20	Yes	State Required UST Training
CA	Jet Propulsion Laboratory	21	Yes	State Required UST Training
FL	John F Kennedy Space Center	CCAFS 80700D	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, State Required UST Training, KSC Spill Prevention, Control, and Countermeasures Plan Facility/Site specific training
FL	John F Kennedy Space Center	KSC M6-596A	No	
MD	Goddard Space Flight Center	UST 27-1	Yes	Integrated Contingency Plan Trainingr
MS	John C Stennis Space Center	2201-1	Yes	State Required UST Training
MS	John C Stennis Space Center	2201-2	Yes	State Required UST Training
MS	John C Stennis Space Center	2201-3	Yes	State Required UST Training
NM	JSC White Sands Test Facility	NM STRC #2418	Yes	Operation of leak detection monitoring system
NM	JSC White Sands Test Facility	STGT 78 & 78A	Yes	Care and maintenance of leak monitoring system
NM	JSC White Sands Test Facility	WSGT Tanks D3A & D3B	Yes	Care and maintenance of leak monitoring system.
OH	Glenn Research Center at Lewis Field	T00101	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00102	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.

Table 4 - NASA-Owned Underground Storage Tank Operator Training

State	NASA Facility	Tank ID Number	Training Provided	Type of Operator Training Provided
OH	Glenn Research Center at Lewis Field	T00103	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00104	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00105	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00106	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00107	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00108	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00109	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00110	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00111	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	T00112	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.

Table 4 - NASA-Owned Underground Storage Tank Operator Training

State	NASA Facility	Tank ID Number	Training Provided	Type of Operator Training Provided
OH	Glenn Research Center at Lewis Field	T00113	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	UST-115	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	UST-116	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Lewis Field	UST-117	Yes	Release Prevention, Release Detection, Release Response and Corrective Action, GRC Spill Prevention, Control, and Countermeasures (SPCC) Plan Facility/Site Specific Training.
OH	Glenn Research Center at Plum Brook Station	T00201	Yes	Release Prevention,Release Detection,Release Response and Corrective Action
OH	Glenn Research Center at Plum Brook Station	T00202	Yes	Release Prevention,Release Detection,Release Response and Corrective Action
VA	Langley Research Center	1199-1	Yes	Release Detection
VA	Langley Research Center	1199-2	Yes	Release Detection
VA	Langley Research Center	1199-3	Yes	Release Detection
VA	Langley Research Center	1215-1	Yes	Release Detection
VA	Langley Research Center	1215-2	Yes	Release Detection
VA	Langley Research Center	1215-3	Yes	Release Detection
VA	Wallops Flight Facility	30129 D-37-1	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 D-37-2	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 D-37-3	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 D-37-4	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.

Table 4 - NASA-Owned Underground Storage Tank Operator Training

State	NASA Facility	Tank ID Number	Training Provided	Type of Operator Training Provided
VA	Wallops Flight Facility	30129 D-37-5	Yes	Personnel operating USTs are required to take yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 D-37-6	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 D-37-7	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 D-37-8	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 F-26-1	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.
VA	Wallops Flight Facility	30129 F-26-2	Yes	Yearly refresher classes for UST release prevention, detection, response, and corrective action.

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