National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
White Sands Test Facility
P.O. Box 20
Las Cruces, NM 88004-0020

February 28, 2012

Reply to Attn of: RE-12-025

New Mexico Environment Department
Attn: Mr. John E. Kieling, Acting Chief
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 874505-6303

Subject: 2011 Hazardous Waste Report for NASA White Sands Test Facility (WSTF)

Enclosed is the 2011 WSTF Hazardous Waste Report. Enclosure 1 provides the hard copy report printouts. Enclosure 2 provides the FOX Pro electronic file (zipped format) on the CD-ROM.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. If you have any questions or comments concerning this submittal, please contact Tim Davis of my staff at 575-524-5024.

Radel Bunker-Farrah
Chief, Environmental Office

2 Enclosures

cc: (with enclosures)
Mr. Dan Comeau
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Mr. James Valdez, Management Analyst
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Mr. Thomas A. Ladd
U.S. Army Garrison
Public Works Directorate
IMWE-WSM-PW Building 1510
White Sands Missile Range, NM 88002-5000

OMB#: 2050-0024 Expires 12/31/2014

SEND THE COMPLETED FORM TO: The Appropriate State or Regional Office

United States Environmental Protection Agency
RCRA SUBTITLE C SITE IDENTIFICATION FORM

1. Reason for Submittal (MARK ALL BOX(ES) THAT APPLY)

Reason for Submittal:

- ☐ To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities).
- ☒ To provide subsequent notification (to update site identification information).
- ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application.
- ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____).
- ☒ As a component of the Hazardous Waste Report (If marked, see sub-bullet below)
  - ☒ Site was a TSD facility and/or generator of >1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)

2. Site EPA ID Number

EPA ID Number: NM8800019434

3. Site Name

Name: NASA JOHNSON SPACE CENTER WHITE SANDS TEST FACILITY

4. Site Location Information

Street Address: 12600 NASA ROAD

City, Town, or Village: LAS CRUCES | County: DONA ANA

State: NM | Country: US | Zip Code: 88012-

5. Site Land Type

☐ Private ☐ County ☐ District ☒ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

6. NAICS Code(s) for the Site (at least 5-digit codes)

A. 92711 | B.

C. | D.

7. Site Mailing Address

Street or P.O. Box: P.O. BOX 20

City, Town, or Village: LAS CRUCES

State: NM | Country: UNITED STATES | Zip Code: 88004-

8. Site Contact Person

First Name: RADEL | MI: L | Last: BUNKER-FARRAH

Title:

Street or P.O. Box: P.O. BOX 20

City, Town, or Village: LAS CRUCES

State: | Country: UNITED STATES | Zip Code: 88004-

Email: radel.l.bunker-farrah@nasa.gov

Phone: (575)524-5733 | Ext: | Fax: (575)524-5798

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner: U.S. ARMY | Date Became Owner: 07/23/1962

Owner Type: ☐ Private ☐ County ☐ District ☒ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street or P.O. Box: P.O. BOX 20

City, Town, or Village: LAS CRUCES | Phone: (575)524-5733

State: NM | Country: UNITED STATES | Zip Code: 88004-

B. Name of Site's Operator: NASA JSC WHITE SANDS TEST FACILITY | Date Became Operator: 07/23/1962

Operator Type: ☐ Private ☐ County ☐ District ☒ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

10. Type of Regulated Waste Activity (at your site)

Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities;Complete all parts for Items 1 through 7.

Y [X] N [ ] **1. Generator of Hazardous Waste**
If "Yes" mark only one of the following - a, b, or c.

- [X] a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.
- [ ] b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs.) of non-acute hazardous waste
- [ ] c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste

If "Yes" above, indicate other generator activities.

Y [ ] N [X] d. Short-Term Generator (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.

Y [ ] N [X] e. United States Importer of Hazardous Waste

Y [ ] N [X] f. Mixed Waste (hazardous and radioactive) Generator

Y [ ] N [X] **2. Transporter of Hazardous Waste**
If "Yes", mark all that apply.

- [ ] Transporter
- [ ] Transfer Facility

Y [X] N [ ] **3. Treater, Storer, or Disposer of Hazardous Waste (at your site) Note:** A hazardous waste permit is required for these activities

Y [ ] N [X] **4. Recycler of Hazardous Waste (at your site)**
Note: A hazardous waste permit may be required for this activity.

Y [ ] N [X] **5. Exempt Boiler and/or Industrial Furnace**

- [ ] a. Small Quantity On-site Burner Exemption
- [ ] b. Smelting, Melting, Refining Furnace Exemption

Y [ ] N [X] **6. Underground Injection Control**

Y [ ] N [X] **7. Receives Hazardous Waste from Off-site**

B. Universal Waste Activities Complete all parts 1 - 2.

Y [ ] N [X] **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 KG or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.**

	Manage or Accumulate
a. Batteries	[ ]
b. Pesticides	[ ]
c. Mercury containing equipment	[ ]
d. Lamps	[ ]
e. Other _____	[ ]
f. Other _____	[ ]
g. Other _____	[ ]

Y [ ] N [X] **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities -Complete all parts 1-4.

Y [ ] N [X] **1. Used Oil Transporter**
If "Yes", mark all that apply.

- [ ] a. Transporter
- [ ] b. Transfer Facility

Y [ ] N [X] **2. Used Oil Processor and/or Re-refiner - If "Yes", mark all that apply.**

- [ ] a. Processor
- [ ] b. Re-refiner

Y [ ] N [X] **3. Off-Specification Used Oil Burner**

Y [ ] N [X] **4. Used Oil Fuel Marketer**
If "Yes", mark all that apply.

- [ ] a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

- You must check with your State to determine if you are eligible to manage laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

☐ 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories **See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:**

☐ a. College or University

☐ b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university

☐ c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

☐ 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Wastes

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D002	D003	D004	D005	D006	D007
D008	D009	D010	D011	D018	D019	D022
D035	D039	D040	F001	F002	F003	F005
P030	P068	P078	P082	U001	U080	U098
U121	U133	U154	U220	U226		

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

12. Notification of Hazardous Secondary Material (HSM) Activity

Y☐ N☒ Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes", you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

13. Comments

The NASA WSTF Individual Waste Profile Sheet (WIWPS) contains the waste generator identification, description, and tracking information. WIWPSs and manifests provide the information needed to complete each GM form.

radel.l.bunker-farrah@nasa.gov

14. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are signifigant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	D. Date Signed (mm-dd-yyyy)
	RADEL L BUNKER-FARRAH ENVIRONMENTAL OFFICE CHIEF	02/29/2012

Hazardous Waste Generation, Treatment, and Shipping Summary Report

02/28/2012 Biennnial Hazardous Waste Report electronic data submission summary.

NASA JOHNSON SPACE CENTER WHITE SANDS TEST FACILITY

12600 NASA ROAD LAS CRUCES, NM 88012

NAICS 92711 Space Research and Technology

Waste Generation and Management Information	Generated, Treated, Shipped Tons

NM8800019434

GM Page: 00001 **MERCURY CONTAMINATED DEBRIS (BROKEN FLUORESCENT LAMP)**

W320 Electrical devices (lamps, thermostats, CRTs, etc) (fluorescents, etc usually **0.00 Tons**

G09 Other production or service-related processes(where the waste is a direct

D009

Shipped to: UTD981552177 H141 Storage, bulking, and/or transfer off-site - no **0.00** Tons

GM Page: 00002 **IGNITABLE ORGANIC LABORATORY WASTES (LAB PACKS) THAT CONTAIN HAZARDOUS WASTE**

W001 Lab packs with no acute hazardous waste (from any source) **0.07 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

D001 D004 D006 D007 D008 D018 D019 D022 D039 F002 F003 F005 U080 U121 U220 U154

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.07** Tons

GM Page: 00003 **IGNITABLE ORGANIC LABORATORY WASTES (LAB PACKS) THAT CONTAIN ACUTE HAZ ARDOUS WASTE**

W004 Lab packs containing acute hazardous waste (from any source) **0.00 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

D001 D004 D006 D007 D008 D018 D019 D022 D039 D040 F003 P082

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.00** Tons

GM Page: 00004 **CONTAMINATED DEBRIS (LAB PACKS) THAT CONTAIN ACUTE HAZARDOUS WASTE**

W004 Lab packs containing acute hazardous waste (from any source) **0.13 Tons**

G09 Other production or service-related processes(where the waste is a direct

P068 U098 U133

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.13** Tons

GM Page: 00005 **GRANULAR ACTIVATED CARBON THAT CONTAINS LISTED HAZARDOUS WASTE**

W310 Filters, solid adsorbents, ion exchange resins and spent carbon (usually **0.40 Tons**

G09 Other production or service-related processes(where the waste is a direct

P068 U098 U133

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.40** Tons

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00006 **CONTAMINATED DEBRIS (LAB PACKS) THAT CONTAIN ACUTE HAZARDOUS WASTE**

W004 Lab packs containing acute hazardous waste (from any source) — **0.08 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

F001 F002 P068 P078 U098 U133

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.08 Tons**

GM Page: 00007 **CONTAMINATED DEBRIS (LAB PACKS) THAT CONTAIN HAZARDOUS WASTE.**

W001 Lab packs with no acute hazardous waste (from any source) — **1.31 Tons**

G09 Other production or service-related processes(where the waste is a direct

F005 D004 D005 F002 D006 D007 D008 D010 D011 D018 D035

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **1.31 Tons**

GM Page: 00008 **IGNITABLE OFF-SPEC PAINTS (LAB PACK)**

W001 Lab packs with no acute hazardous waste (from any source) — **0.90 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D001 D005 D006 D007 D008 D019 D035

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.90 Tons**

GM Page: 00009 **FUEL (HYDRAZINES) DILUTED WITH WATER**

W113 Other aqueous waste or wastewaters (fluid, not sludgy) — **53.74 Tons**

G09 Other production or service-related processes(where the waste is a direct

P068 U098 U133

Shipped to: TXD055141378 H040 Incineration - thermal destruction other than use as a — **53.74 Tons**

GM Page: 00010 **WASTE PHOTO FIXER SOLUTION**

W113 Other aqueous waste or wastewaters (fluid, not sludgy) — **0.09 Tons**

G08 Removal of spent process liquids or catalysts(bulk removal of wastes from

D011

Shipped to: UTD981552177 H141 Storage, bulking, and/or transfer off-site - no — **0.09 Tons**

GM Page: 00011 **WASTE METALS SOLUTIONS**

W119 Other inorganic liquid (specify in comments) — **0.08 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

D006 D008

Shipped to: UTD981552177 H111 Stabilization or chemical fixation prior to disposal at — **0.08 Tons**

GM Page: 00012 **CORROSIVE WASTE METALS SOLUTIONS**

W105 Acidic aqueous wastes less than 5% acid (diluted but Ph <2) — **0.03 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

D002 D004 D005 D006 D007 D008 D009 D010 D011

Shipped to: UTD981552177 H141 Storage, bulking, and/or transfer off-site - no — **0.03 Tons**

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00013 **CORROSIVE WASTE METALS SOLUTIONS**

W211 Paint thinner or petroleum distillates — **0.08 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D006 D008 D018 D039

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.08 Tons**

GM Page: 00014 **OFF-SPEC WASTE CORROSIVE AQUEOUS SOLUTIONS (LAB PACKS)**

W001 Lab packs with no acute hazardous waste (from any source) — **0.16 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D002 D004 D007

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.16 Tons**

GM Page: 00015 **SPENT CORROSIVE AQUEOUS METALS CLEANING SOLUTIONS (LAB PACKS)**

W103 Spent concentrated acid — **0.02 Tons**

G02 Stripping and acid or caustic cleaning (using caustics to remove coatings or

D001 D002 D004 D006 D007 D008 D011

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.02 Tons**

GM Page: 00016 **HIGHLY DILUTED AQUEOUS CYANIDE WASTE (LAB PACKS)**

W004 Lab packs containing acute hazardous waste (from any source) — **0.00 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

P030

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.00 Tons**

GM Page: 00017 **CORROSIVE AQUEOUS TEST SOLUTION (LAB PACK)**

W001 Lab packs with no acute hazardous waste (from any source) — **0.00 Tons**

G22 Laboratory analytical wastes (used chemicals from laboratory operations))

D002 D007

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.00 Tons**

GM Page: 00018 **DEBRIS CONTAMINATED WITH CORROSIVE AQUEOUS TEST SOLUTION (LAB PACK).**

W001 Lab packs with no acute hazardous waste (from any source) — **0.00 Tons**

G09 Other production or service-related processes(where the waste is a direct

D007

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.00 Tons**

GM Page: 00019 **DEBRIS CONTAMINATED WITH CORROSIVE AQUEOUS TEST SOLUTION (LAB PACK)**

W001 Lab packs with no acute hazardous waste (from any source) — **0.05 Tons**

G09 Other production or service-related processes(where the waste is a direct

D008

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.05 Tons**

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00020 OFF-SPEC PETROLEUM BASED PRODUCTS (LAB PACK)

W001 Lab packs with no acute hazardous waste (from any source) — **0.00 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D008 D018 U226

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.00** Tons

GM Page: 00021 SPENT IGNITABLE AEROSOL CANS (LAB PACKS)

W001 Lab packs with no acute hazardous waste (from any source) — **0.03 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D001 D003 D005 D018 D035 D040

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.03** Tons

GM Page: 00022 OFF-SPEC DEARBORN 152

W110 Caustic aqueous waste without cyanides(Ph >12.5) — **0.21 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D002

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.21** Tons

GM Page: 00023 PETROLEUM CONTAMINATED DEBRIS (SPILL DRY) –LAB PACKS

W001 Lab packs with no acute hazardous waste (from any source) — **0.18 Tons**

G32 Cleanup of spill residues

D004 D006 D007 D008 D018

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.18** Tons

GM Page: 00024 PETROLEUM CONTAMINATED DEBRIS (ROCKS, GRAVEL, SPILL DRY, AND PLASTIC SHEETING)

W002 Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic — **0.74 Tons**

G32 Cleanup of spill residues

D004 D006 D007 D008 D018

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.74** Tons

GM Page: 00025 PETROLEUM CONTAMINATED DEBRIS (SOIL CUTTINGS AND PLASTIC SHEETING)

W002 Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic — **0.07 Tons**

G32 Cleanup of spill residues

D004 D006 D007 D008 D018

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.07** Tons

GM Page: 00026 OFF-SPEC IGNITABLE FUELS (DIESEL AND GASOLINE)

W211 Paint thinner or petroleum distillates — **0.21 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D001 D018

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a — **0.21** Tons

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00027 SPENT MACHINE SHOP COOLANT/CUTTING FLUID (AQUEOUS SOLUTION)

W113 Other aqueous waste or wastewaters (fluid, not sludgy)
G13 Cleaning out process equipment (periodic sludge or residual removal from
D008

2.01 Tons

Shipped to: UTD981552177 H111 Stabilization or chemical fixation prior to disposal at **2.01** Tons

GM Page: 00028 SPENT CORROSIVE AQUEOUS CLEANING SOLUTION

W113 Other aqueous waste or wastewaters (fluid, not sludgy)
G13 Cleaning out process equipment (periodic sludge or residual removal from
D002 D008

0.35 Tons

Shipped to: UTD981552177 H111 Stabilization or chemical fixation prior to disposal at **0.35** Tons

GM Page: 00029 SPENT FILTERS CONTAMINATED WITH INVESTIGATED DERIVED WASTE (CONTAMINATED GROUND WATER)

W310 Filters, solid adsorbents, ion exchange resins and spent carbon (usually
G09 Other production or service-related processes(where the waste is a direct
F001 F002

0.15 Tons

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.15** Tons

GM Page: 00030 DEBRIS (PPE , RAGS/WIPES, PLASTIC SHEETING. AND MISC SOFTGOODS) CONTAMINATED WITH INVESTIGATED DERIVED WASTE (CONTAMINATED GROUND WATER)

W002 Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic
G42 Corrective action at a solid waste management unit under RCRA
F001 F002

0.32 Tons

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.32** Tons

GM Page: 00031 SPENT FUEL (GASOLINE & DIESEL) FILTERS

W310 Filters, solid adsorbents, ion exchange resins and spent carbon (usually
G19 Other one-time or intermittent processes(specify in comments)
D018

0.04 Tons

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.04** Tons

GM Page: 00032 SPENT ANTIFREEZE

W113 Other aqueous waste or wastewaters (fluid, not sludgy)
G19 Other one-time or intermittent processes(specify in comments)
D008 D006

0.14 Tons

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.14** Tons

GM Page: 00033 SPENT OAKITE 126 (AQUEOUS BASIC METAL CLEANING SOLUTION)

W119 Other inorganic liquid (specify in comments)
G02 Stripping and acid or caustic cleaning (using caustics to remove coatings or
D002 D006

0.85 Tons

Shipped to: UTD981552177 H111 Stabilization or chemical fixation prior to disposal at **0.85** Tons

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00034 **SPENT OAKITE 126 (AQUEOUS BASIC METAL CLEANING SOLUTION) - LAB PACKS**

W001 Lab packs with no acute hazardous waste (from any source) **0.17 Tons**

G02 Stripping and acid or caustic cleaning (using caustics to remove coatings or

D002 D004 D006 D007 D008 D018

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.17** Tons

GM Page: 00035 **SPENT OAKITE RUSTRIPPER (AQUEOUS BASIC METAL CLEANING SOLUTION).**

W119 Other inorganic liquid (specify in comments) **0.11 Tons**

G02 Stripping and acid or caustic cleaning (using caustics to remove coatings or

D002 D004 D006 D007 D008

Shipped to: UTD981552177 H111 Stabilization or chemical fixation prior to disposal at **0.11** Tons

GM Page: 00036 **SPENT OAKITE RUSTRIPPER (AQUEOUS BASIC METAL CLEANING SOLUTION) - LAB PACKS**

W001 Lab packs with no acute hazardous waste (from any source) **0.08 Tons**

G02 Stripping and acid or caustic cleaning (using caustics to remove coatings or

D002 D004 D006 D007 D008 D018

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.08** Tons

GM Page: 00037 **SPENT BRULIN (AQUEOUS METAL CLEANING SOLUTION)**

W119 Other inorganic liquid (specify in comments) **0.37 Tons**

G09 Other production or service-related processes(where the waste is a direct

D006

Shipped to: UTD981552177 H111 Stabilization or chemical fixation prior to disposal at **0.37** Tons

GM Page: 00038 **WASTE IGNITABLE LIQUIDS (LAB PACKS)**

W001 Lab packs with no acute hazardous waste (from any source) **0.71 Tons**

G19 Other one-time or intermittent processes(specify in comments)

D001 D002 D006 D007 D008 D018 D019 D022 D035 D039 D040 F003 F005 U001

Shipped to: UTD981552177 H040 Incineration - thermal destruction other than use as a **0.71** Tons

GM Page: 00039 **CAUSTIC PARTS/COMPONENTS CLEANER; MIXTURE OF WATER AND OAKITE HD 126 (0.25-0.5:1).**

W110 Caustic aqueous waste without cyanides(Ph >12.5) **0.35 Tons**

G02 Stripping and acid or caustic cleaning (using caustics to remove coatings or

D002

On-site: H122 Evaporation(as the major component of treatment - not H071-H083) **0.35** Tons

GM Page: 00040 **EXPIRED, CAUSTIC OFF-SPEC CHEMICAL SOLUTION**

W110 Caustic aqueous waste without cyanides(Ph >12.5) **0.12 Tons**

G11 Discarding off-specification, out-of-date, and/or unused chemicals or products

D002

On-site: H122 Evaporation(as the major component of treatment - not H071-H083) **0.12** Tons

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00041	**AQUEOUS IDW FROM CORRECTIVE ACTION ACTIVITIES**	
W219	Other organic liquid (specify in comments)	**486.24 Tons**
G44	State-program or voluntary cleanup	
F002 F001		
On-site: H122	Evaporation(as the major component of treatment - not H071-H083)	**486.24** Tons

GM Page: 00042	**DEVELOPER/DETERGENT WASHWATER**	
W105	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)	**0.05 Tons**
G02	Stripping and acid or caustic cleaning (using caustics to remove coatings or	
D002		
On-site: H122	Evaporation(as the major component of treatment - not H071-H083)	**0.05** Tons

GM Page: 00043	**RINSE WATER OF COMPONENTS/PARTS THAT CAME IN CONTACT WITH OXIDIZER**	
W119	Other inorganic liquid (specify in comments)	**0.03 Tons**
G15	Process equipment change-out or discontinue use of equipment (final	
P078		
On-site: H122	Evaporation(as the major component of treatment - not H071-H083)	**0.03** Tons

GM Page: 00044	**ASPIRATED OXIDIZER IN WATER**	
W105	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)	**9.34 Tons**
G09	Other production or service-related processes(where the waste is a direct	
D002 P078		
On-site: H122	Evaporation(as the major component of treatment - not H071-H083)	**9.34** Tons

GM Page: 00045	**WASTE ORGANICS**	
W219	Other organic liquid (specify in comments)	**0.03 Tons**
G19	Other one-time or intermittent processes(specify in comments)	
D002 F001 F002		
On-site: H122	Evaporation(as the major component of treatment - not H071-H083)	**0.03** Tons

GM Page: 00046	**OXIDIZER RINSEWATER**	
W219	Other organic liquid (specify in comments)	**0.43 Tons**
G19	Other one-time or intermittent processes(specify in comments)	
P078		
On-site: H122	Evaporation(as the major component of treatment - not H071-H083)	**0.43** Tons

This information has been reviewed by: _____ Date: 2-28-12

RADEL L BUNKER-FARRAH (575)524- x

(575)524-5733

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: MERCURY CONTAMINATED DEBRIS (BROKEN FLUORESCENT LAMP)

B. EPA Hazardous Waste Code(s): D009

C. State Hazardous Waste Code(s):

D. Source Code: G09
Management Method code for Source code G25

E. Form Code: W320

F. Quantity Generated in 2011: 1.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H141	1.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE; G09, LAMP WAS BROKEN DURING CHANGE OUT. FORM CODE; W002, DEBRIS AND BROKEN LAMP CONTAMINATED WITH MERCURY. NASA WIWPS# 10201118. Electrical devices (lamps, thermostats, CRTs, etc) (fluorescents, etc usually Mercury or lead containing FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: IGNITABLE ORGANIC LABORATORY WASTES (LAB PACKS) THAT CONTAIN HAZARDOUS WASTE

B. EPA Hazardous Waste Code(s): D001 D004 D006 D007 D008 D018 D019 D022 D039 F002 F003 F005 U080 U121 U220 U154

C. State Hazardous Waste Code(s):

D. Source Code: G22
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 71.00
UOM: 3
Density: 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	71.00
Site 2			
Site 3			

Comments NASA WIWPS# 20-02-05, 20-04-03, 20-04-04, 20-04-32, 20-04-53, 20-04-55, 20-04-100, 80-04-03. Lab packs with no acute hazardous waste (from any source) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: IGNITABLE ORGANIC LABORATORY WASTES (LAB PACKS) THAT CONTAIN ACUTE HAZARDOUS WASTE

B. EPA Hazardous Waste Code(s): D001 D004 D006 D007 D008 D018 D019 D022 D039 D040 F003 P082

C. State Hazardous Waste Code(s):

D. Source Code: G22
Management Method code for Source code G25

E. Form Code: W004

F. Quantity Generated in 2011: 5.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2

Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	5.00
Site 2			
Site 3			

Comments NASA WIWPS# 20-04-04, 20-04-12, 20-04-13. Lab packs containing acute hazardous waste (from any source) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: CONTAMINATED DEBRIS (LAB PACKS) THAT CONTAIN ACUTE HAZARDOUS WASTE

B. EPA Hazardous Waste Code(s): P068 U098 U133

C. State Hazardous Waste Code(s):

D. Source Code: G09
Management Method code for Source code G25

E. Form Code: W004

F. Quantity Generated in 2011: 126.00
UOM: 3
Density: 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	126.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G11 AND FORM CODE W004 - PPE AND RAGS/WIPES ARE CONTAMINATED WITH ACUTE HAZARDOUS WASTE. NASA WIWPS# 20-01-25, 20-04-18, 20-04-31, 20-20-05, 30-01-08, 30-01-45, 40-01-08, 50-20-01, 50-20-04, 80-02-0 Lab packs containing acute hazardous waste (from any source) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: GRANULAR ACTIVATED CARBON THAT CONTAINS LISTED HAZARDOUS WASTE

B. EPA Hazardous Waste Code(s): P068 U098 U133

C. State Hazardous Waste Code(s):

D. Source Code: G09
Management Method code for Source code G25

E. Form Code: W310

F. Quantity Generated in 2011: 364.00
UOM: 3
Density: 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2

Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	364.00
Site 2			
Site 3			

Comments NASA WIWPS 50-20-04. Filters, solid adsorbents, ion exchange resins and spent carbon (usually from remediation, production, o FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: CONTAMINATED DEBRIS (LAB PACKS) THAT CONTAIN ACUTE HAZARDOUS WASTE

B. EPA Hazardous Waste Code(s): F001 F002 P068 P078 U098 U133

C. State Hazardous Waste Code(s):

D. Source Code: G22
Management Method code for Source code G25

E. Form Code: W004

F. Quantity Generated in 2011: 80.00
UOM: 3
Density: 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	80.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G22 AND FORM CODE W004 – PPE, RAGS/WIPES, AND SOFTGOODS ARE CONTAMINATED WITH ACUTE HAZARDOUS WASTE. NASA WIWPS# 20-01-24, 20-04-16, 20-20-05, 30-01-20, 30-01-30, 30-01-34, 35-01-04, 80-02-08 Lab packs containing acute hazardous waste (from any source) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: CONTAMINATED DEBRIS (LAB PACKS) THAT CONTAIN HAZARDOUS WASTE.

B. EPA Hazardous Waste Code(s): F005 D004 D005 F002 D006 D007 D008 D010 D011 D018 D035

C. State Hazardous Waste Code(s):

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G09 Management Method code for Source code G25	W001	1,193.00 UOM 3 Density 0.00 lb./gal.	Y

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	1,193.00
Site 2			
Site 3			

Comments SECTION 1, ITEM B - ADDITIONAL EPA WASTE CODES: D008, D010, D011, D018, D035. ADDITIONAL CODE INFORMATION: SOURCE CODE G09 AND FORM CODE W004 – PPE, RAGS/WIPES, AND SOFTGOODS ARE CONTAMINATED WITH HAZARDOUS WASTE. NASA WIWPS# 10-01-18, 10 Lab packs with no acute hazardous waste (from any source) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: Implemented/successful

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: IGNITABLE OFF-SPEC PAINTS (LAB PACK)

B. EPA Hazardous Waste Code(s): D001 D005 D006 D007 D008 D019 D035

C. State Hazardous Waste Code(s):

D. Source Code: G11
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 825.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: Y

Sec. 2 Was any of this waste managed on-site?
- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	825.00
Site 2			
Site 3			

Comments SECTION 1, ITEM B - ADDITIONAL EPA WASTE CODES: D019, D035. NASA WIWPS 10-03-06, 10-03-07, 10-03-04, 10201188, 10201196, 102011101. Lab packs with no acute hazardous waste (from any source) FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: Implemented/successful

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description	FUEL (HYDRAZINES) DILUTED WITH WATER

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
P068 U098 U133	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G09 Management Method code for Source code G25	W113	48,770.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	TXD055141378	H040	48,770.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION FOR SOURCE CODE G09: WATER IS THE MEDIA USED TO DILUTE HYDRAZINES IN THE NASA JSC WHITE SANDS TEST FACILITY PERMITTED (PERMIT NO. NM8800019434) FUEL TREATMENT UNIT. NASA WIWPS 20201101, 20201102, 20201103, 20 Other aqueous waste or wastewaters (fluid, not sludgy) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: WASTE PHOTO FIXER SOLUTION

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D011	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G08 Management Method code for Source code G25	W113	89.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H141	89.00
Site 2			
Site 3			

Comments NASA WIWPS 20-02-14. Other aqueous waste or wastewaters (fluid, not sludgy) FROM:Removal of spent process liquids or catalysts(bulk removal of wastes from Chemical manufacturing or processing, etc.) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: WASTE METALS SOLUTIONS

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D006 D008	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G22 Management Method code for Source code G25	W119	81.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H111	81.00
Site 2			
Site 3			

Comments NASA WIWPS 40-01-55. Other inorganic liquid (specify in comments) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: CORROSIVE WASTE METALS SOLUTIONS

B. EPA Hazardous Waste Code(s): D002 D004 D005 D006 D007 D008 D009 D010 D011

C. State Hazardous Waste Code(s):

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G22	W105	30.00	X
Management Method code for Source code G25		UOM 3	
		Density 0.00 lb./gal.	

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H141	30.00
Site 2			
Site 3			

Comments SECTION 1, ITEM B - ADDITIONAL EPA WASTE CODES: D009, D010, D011. NASA WIWPS 20-04-99. Acidic aqueous wastes less than 5% acid (diluted but Ph <2) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: CORROSIVE WASTE METALS SOLUTIONS

B. EPA Hazardous Waste Code(s): D006 D008 D018 D039

C. State Hazardous Waste Code(s):

D. Source Code: G11
Management Method code for Source code G25

E. Form Code: W211

F. Quantity Generated in 2011: 75.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2

Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	75.00
Site 2			
Site 3			

Comments NASA WIWPS 10-01-05. Paint thinner or petroleum distillates FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description	OFF-SPEC WASTE CORROSIVE AQUEOUS SOLUTIONS (LAB PACKS)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D002 D004 D007	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G11 Management Method code for Source code G25	W001	147.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	147.00
Site 2			
Site 3			

Comments NASA WIWPS 10201121, 10201136, 10201138, 10201139, 10201167, 20201116, 20-01-44, 20-01-57, 20-14-04, 35201104, 35201106. Lab packs with no acute hazardous waste (from any source) FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT CORROSIVE AQUEOUS METALS CLEANING SOLUTIONS (LAB PACKS)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D001 D002 D004 D006 D007 D008 D011	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G02 Management Method code for Source code G25	W103	23.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	23.00
Site 2			
Site 3			

Comments ADDITIONAL WASTE CODE: D011, NASA WIWPS 20-01-41. Spent concentrated acid FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: HIGHLY DILUTED AQUEOUS CYANIDE WASTE (LAB PACKS)

B. EPA Hazardous Waste Code(s): P030

C. State Hazardous Waste Code(s):

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G22 Management Method code for Source code G25	W004	9.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	9.00
Site 2			
Site 3			

Comments NASA WIWPS 20-04-02. Lab packs containing acute hazardous waste (from any source) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: CORROSIVE AQUEOUS TEST SOLUTION (LAB PACK)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D002 D007	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G22 Management Method code for Source code G25	W001	3.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	3.00
Site 2			
Site 3			

Comments NASA WIWPS 20201128. Lab packs with no acute hazardous waste (from any source) FROM:Laboratory analytical wastes (used chemicals from laboratory operations)) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: DEBRIS CONTAMINATED WITH CORROSIVE AQUEOUS TEST SOLUTION (LAB PACK).

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D007	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G09 Management Method code for Source code G25	W001	3.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	3.00
Site 2			
Site 3			

Comments NASA WIWPS 20201151. Lab packs with no acute hazardous waste (from any source) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: DEBRIS CONTAMINATED WITH CORROSIVE AQUEOUS TEST SOLUTION (LAB PACK)

B. EPA Hazardous Waste Code(s): D008

C. State Hazardous Waste Code(s):

D. Source Code: G09
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 51.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	51.00
Site 2			
Site 3			

Comments NASA WIWPS 20201155. Lab packs with no acute hazardous waste (from any source) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: OFF–SPEC PETROLEUM BASED PRODUCTS (LAB PACK)

B. EPA Hazardous Waste Code(s): D008 D018 U226

C. State Hazardous Waste Code(s):

D. Source Code: G11
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 7.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
☒ Yes (CONTINUE TO ITEM B)
☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	7.00
Site 2			
Site 3			

Comments NASA WIWPS 102010147,102010159. Lab packs with no acute hazardous waste (from any source) FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT IGNITABLE AEROSOL CANS (LAB PACKS)

B. EPA Hazardous Waste Code(s): D001 D003 D005 D018 D035 D040

C. State Hazardous Waste Code(s):

D. Source Code: G11
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 33.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
☒ Yes (CONTINUE TO ITEM B)
☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	33.00
Site 2			
Site 3			

Comments NASA WIWPS 10-20-43. Lab packs with no acute hazardous waste (from any source) FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: OFF-SPEC DEARBORN 152

B. EPA Hazardous Waste Code(s): D002

C. State Hazardous Waste Code(s):

D. Source Code: G11
Management Method code for Source code G25

E. Form Code: W110

F. Quantity Generated in 2011: 197.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2

Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	197.00
Site 2			
Site 3			

Comments NASA WIWPS 30201107. Caustic aqueous waste without cyanides(Ph >12.5) FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: PETROLEUM CONTAMINATED DEBRIS (SPILL DRY) –LAB PACKS

B. EPA Hazardous Waste Code(s): D004 D006 D007 D008 D018

C. State Hazardous Waste Code(s):

D. Source Code: G32
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 164.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
☒ Yes (CONTINUE TO ITEM B)
☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	164.00
Site 2			
Site 3			

Comments NASA WIWPS 10-01-13, 10-02-14, 10-10-09, 10201159, 10201112, 10201148, 10201158, 102011133, 30201102, 40201101, 80201102, 40201009. Lab packs with no acute hazardous waste (from any source) FROM:Cleanup of spill residues Waste Min: No minimization

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: PETROLEUM CONTAMINATED DEBRIS (ROCKS, GRAVEL, SPILL DRY, AND PLASTIC SHEETING)

B. EPA Hazardous Waste Code(s): D004 D006 D007 D008 D018

C. State Hazardous Waste Code(s):

D. Source Code: G32
Management Method code for Source code G25

E. Form Code: W002

F. Quantity Generated in 2011: 678.00
UOM: 3
Density: 0.00 lb./gal.

G. Waste minimization code: Y

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	678.00
Site 2			
Site 3			

Comments NASA WIWPS 60201123. Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, othe FROM:Cleanup of spill residues Waste Min: Implemented/successful

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: PETROLEUM CONTAMINATED DEBRIS (SOIL CUTTINGS AND PLASTIC SHEETING)

B. EPA Hazardous Waste Code(s): D004 D006 D007 D008 D018

C. State Hazardous Waste Code(s):

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G32 Management Method code for Source code G25	W002	70.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	70.00
Site 2			
Site 3			

Comments NASA WIWPS 30201101. Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, othe FROM:Cleanup of spill residues Waste Min: No minimization

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

GM FORM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description	OFF-SPEC IGNITABLE FUELS (DIESEL AND GASOLINE)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D001 D018	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G11 Management Method code for Source code G25	W211	193.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	193.00
Site 2			
Site 3			

Comments NASA WIWPS 10-01-07, 10-01-22. Paint thinner or petroleum distillates FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description	SPENT MACHINE SHOP COOLANT/CUTTING FLUID (AQUEOUS SOLUTION)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D008	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G13 Management Method code for Source code G25	W113	1,832.00 UOM 3 Density 0.00 lb./gal.	Y

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H111	1,832.00
Site 2			
Site 3			

Comments NASA WIWPS 10-02-02. Other aqueous waste or wastewaters (fluid, not sludgy) FROM:Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning) Waste Min: Implemented/successful

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT CORROSIVE AQUEOUS CLEANING SOLUTION

B. EPA Hazardous Waste Code(s): D002 D008

C. State Hazardous Waste Code(s):

D. Source Code: G13
Management Method code for Source code G25

E. Form Code: W113

F. Quantity Generated in 2011: 326.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: Y

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H111	326.00
Site 2			
Site 3			

Comments NASA WIWPS 10-02-10. Other aqueous waste or wastewaters (fluid, not sludgy) FROM:Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning) Waste Min: Implemented/successful

OMB#: 2050-0024 Expires 12/31/2014

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SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT FILTERS CONTAMINATED WITH INVESTIGATED DERIVED WASTE (CONTAMINATED GROUND WATER)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
F001 F002	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G09 Management Method code for Source code G25	W310	137.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	137.00
Site 2			
Site 3			

Comments NASA WIWPS 60-04-07. Filters, solid adsorbents, ion exchange resins and spent carbon (usually from remediation, production, o FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description	DEBRIS (PPE , RAGS/WIPES, PLASTIC SHEETING. AND MISC SOFTGOODS) CONTAMINATED WITH INVESTIGATED DERIVED WASTE (CONTAMINATED GROUND WATER)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
F001 F002	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G42 Management Method code for Source code G25	W002	295.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	295.00
Site 2			
Site 3			

Comments NASA WIWPS 10-20-18, 10-20-34, 60-01-02, 60-04-05, 60-04-08. Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, othe FROM:Corrective action at a solid waste management unit under RCRA Waste Min: No minimization

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U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: SPENT FUEL (GASOLINE & DIESEL) FILTERS

B. EPA Hazardous Waste Code(s): D018

C. State Hazardous Waste Code(s):

D. Source Code: G19
Management Method code for Source code G25

E. Form Code: W310

F. Quantity Generated in 2011: 43.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2

Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	43.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G19 AND FORM CODE W310 - SPENT FUEL (GASOLINE & DIESEL) FILTERS. NASA WIWPS 10-01-22, 10-01-22. Filters, solid adsorbents, ion exchange resins and spent carbon (usually from remediation, production, o FROM:Other one-time or intermittent processes(specify in comments) Waste Min: No minimization

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT ANTIFREEZE

B. EPA Hazardous Waste Code(s): D008 D006

C. State Hazardous Waste Code(s):

D. Source Code: G19
Management Method code for Source code G25

E. Form Code: W113

F. Quantity Generated in 2011: 134.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
☒ Yes (CONTINUE TO ITEM B)
☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	134.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G19 AND FORM CODE W113 - SPENT ANTIFREEZE. NASA WIWPS 10-01-04. Other aqueous waste or wastewaters (fluid, not sludgy) FROM:Other one-time or intermittent processes(specify in comments) Waste Min: No minimization

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LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT OAKITE 126 (AQUEOUS BASIC METAL CLEANING SOLUTION)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D002 D006	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G02 Management Method code for Source code G25	W119	777.00 UOM 3 Density 0.00 lb./gal.	Y

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H111	777.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G08 AND FORM CODE W119 - SPENT OAKITE 126 (AQUEOUS BASIC METAL CLEANING SOLUTION). NASA WIWPS 20-01-11, 20-01-50. Other inorganic liquid (specify in comments) FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: Implemented/successful

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: SPENT OAKITE 126 (AQUEOUS BASIC METAL CLEANING SOLUTION) - LAB PACKS

B. EPA Hazardous Waste Code(s): D002 D004 D006 D007 D008 D018

C. State Hazardous Waste Code(s):

D. Source Code: G02
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 158.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: Y

Sec. 2

Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	158.00
Site 2			
Site 3			

Comments NASA WIWPS 20-01-11. Lab packs with no acute hazardous waste (from any source) FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: Implemented/successful

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT OAKITE RUSTRIPPER (AQUEOUS BASIC METAL CLEANING SOLUTION).

B. EPA Hazardous Waste Code(s): D002 D004 D006 D007 D008

C. State Hazardous Waste Code(s):

D. Source Code: G02
Management Method code for Source code G25

E. Form Code: W119

F. Quantity Generated in 2011: 108.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: Y

Sec. 2 Was any of this waste managed on-site?
- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H111	108.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G08 AND FORM CODE W119 - SPENT OAKITE RUSTRIPPER (AQUEOUS BASIC METAL CLEANING SOLUTION). NASA WIWPS 20-01-13. Other inorganic liquid (specify in comments) FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: Implemented/successful

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: SPENT OAKITE RUSTRIPPER (AQUEOUS BASIC METAL CLEANING SOLUTION) - LAB PACKS

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D002 D004 D006 D007 D008 D018	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G02 Management Method code for Source code G25	W001	81.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☒ Yes (CONTINUE TO ITEM B)
- ☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	81.00
Site 2			
Site 3			

Comments NASA WIWPS 20-01-11, 20-01-13. Lab packs with no acute hazardous waste (from any source) FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description	SPENT BRULIN (AQUEOUS METAL CLEANING SOLUTION)

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D006	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G09 Management Method code for Source code G25	W119	341.00 UOM 3 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☒ Yes (CONTINUE TO ITEM B)

☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H111	341.00
Site 2			
Site 3			

Comments ADDITIONAL CODE INFORMATION: SOURCE CODE G09 AND FORM CODE W119 - SPENT BRULIN (AQUEOUS METAL CLEANING SOLUTION). NASA WIWPS 20-01-18. Other inorganic liquid (specify in comments) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

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EPA ID NO: **NM8800019434**

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2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: WASTE IGNITABLE LIQUIDS (LAB PACKS)

B. EPA Hazardous Waste Code(s): D001 D002 D006 D007 D008 D018 D019 D022 D035 D039 D040 F003 F005 U001

C. State Hazardous Waste Code(s):

D. Source Code: G19
Management Method code for Source code G25

E. Form Code: W001

F. Quantity Generated in 2011: 649.00
UOM 3
Density 0.00 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
☐ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
☒ Yes (CONTINUE TO ITEM B)
☐ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1	UTD981552177	H040	649.00
Site 2			
Site 3			

Comments SECTION 1, ITEM B - ADDITIONAL EPA WASTE CODES: D019, D022, D035, D039, D040, F003, F005, AND U001. ADDITIONAL CODE INFORMATION: SOURCE CODE G19 AND FORM CODE W001 - WASTE IGNITABLE LIQUIDS (LAB PACKS) - SPENT SOLVENTS AND OFF - SPEC CHEMI Lab packs with no acute hazardous waste (from any source) FROM:Other one-time or intermittent processes(specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: CAUSTIC PARTS/COMPONENTS CLEANER; MIXTURE OF WATER AND OAKITE HD 126 (0.25-0.5:1).

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D002	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G02 Management Method code for Source code G25	W110	709.00 UOM 1 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☐ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	709.00		

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☐ Yes (CONTINUE TO ITEM B)
- ☒ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 20-01-11, 10201072. Caustic aqueous waste without cyanides(Ph >12.5) FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: EXPIRED, CAUSTIC OFF-SPEC CHEMICAL SOLUTION

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
D002	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G11 Management Method code for Source code G25	W110	250.00 UOM 1 Density 0.00 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☐ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	250.00		

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☐ Yes (CONTINUE TO ITEM B)
- ☒ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 20201178. Caustic aqueous waste without cyanides(Ph >12.5) FROM:Discarding off-specification, out-of-date, and/or unused chemicals or products (Unused product - Including U and P listed wastes) Waste Min: No minimization

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EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: AQUEOUS IDW FROM CORRECTIVE ACTION ACTIVITIES

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
F002 F001	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G44 Management Method code for Source code G25	W219	116,602.00 UOM 5 Density 8.34 lb./gal.	X

Sec. 2 Was any of this waste managed on-site?

- ☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☐ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	116,602.00		

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☐ Yes (CONTINUE TO ITEM B)
- ☒ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 10-20-30, 10-20-38, 10-20-39, 60201101-60201117, 60201121, 60201134, 60201132. ADDITIONAL CODE INFORMATION W219: PURGED GROUNDWATER AND WELL DEVELOPMENT WATER WITH LOW CONCENTRATIONS OF WASTE CODES F001 AND F002. FROM STATE- PRO Other organic liquid (specify in comments) FROM:State-program or voluntary cleanup Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
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U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: DEVELOPER/DETERGENT WASHWATER

B. EPA Hazardous Waste Code(s): D002

C. State Hazardous Waste Code(s):

D. Source Code: G02
Management Method code for Source code G25

E. Form Code: W105

F. Quantity Generated in 2011: 13.00
UOM 5
Density 8.34 lb./gal.

G. Waste minimization code: X

Sec. 2

Was any of this waste managed on-site?

☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☐ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	13.00		

Sec. 3

A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

☐ Yes (CONTINUE TO ITEM B)

☒ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 20-02-07. Acidic aqueous wastes less than 5% acid (diluted but Ph <2) FROM:Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

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12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: RINSE WATER OF COMPONENTS/PARTS THAT CAME IN CONTACT WITH OXIDIZER

B. EPA Hazardous Waste Code(s)	C. State Hazardous Waste Code(s)
P078	

D. Source Code	E. Form Code	F. Quantity Generated in 2011	G. Waste minimization code
G15 Management Method code for Source code G25	W119	7.60 UOM 5 Density 8.34 lb./gal.	Y

Sec. 2 Was any of this waste managed on-site?

- ☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- ☐ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	7.60		

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- ☐ Yes (CONTINUE TO ITEM B)
- ☒ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 20-01-56; ADDITIONAL FORM CODE INFORMATION: RINSEWATER FROM COMPONENTS/PARTS REMOVED OR REPLACED FROM SPACE SHUTTLE TESTING WITH LOW CONCENTRATIONS OF P078. WASTE MINIMIZATION CODE ADDITIONAL INFORMATION: RINSING PROCEDURES MO Other inorganic liquid (specify in comments) FROM:Process equipment change-out or discontinue use of equipment (final materials and residuals removal including cleaning) Waste Min: Implemented/successful

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste Description: ASPIRATED OXIDIZER IN WATER

B. EPA Hazardous Waste Code(s): D002 P078

C. State Hazardous Waste Code(s):

D. Source Code: G09
Management Method code for Source code G25

E. Form Code: W105

F. Quantity Generated in 2011: 2,240.00
UOM 5
Density 8.34 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?
☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	2,240.00		

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?
☐ Yes (CONTINUE TO ITEM B)
☒ No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 20-04-74, 30-01-02, 30-01-04, 40-01-02, 40-01-04, 50-01-09. ADDITIONAL INFORMATION FOR SOURCE CODE: COMPONENTS/PARTS THAT CAME IN CONTACT WITH OXIDIZER OR OXIDIZER WAS REMOVED/RINSED AS A PROCESS WASTE WAS ASPIRATED TO MEET LDR Acidic aqueous wastes less than 5% acid (diluted but Ph <2) FROM:Other production or service-related processes(where the waste is a direct outflow or result - specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1

A. Waste Description: WASTE ORGANICS

B. EPA Hazardous Waste Code(s): D002 F001 F002

C. State Hazardous Waste Code(s):

D. Source Code: G19
Management Method code for Source code G25

E. Form Code: W219

F. Quantity Generated in 2011: 8.30
UOM 5
Density 8.34 lb./gal.

G. Waste minimization code: X

Sec. 2 Was any of this waste managed on-site?

- [X] Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
- [ ] No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011
H122	8.30		

Sec. 3 A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling?

- [ ] Yes (CONTINUE TO ITEM B)
- [X] No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 1			
Site 2			
Site 3			

Comments NASA WIWPS 20201057. ADDITIONAL INFORMATION FOR FORM CODE: AN ACIDIC SOLUTION (D002) IS USED FOR I.C. TESTING OF CONTAMINATED GROUNDWATER (F001, F002). ADDITIONAL INFORMATION FOR SOURCE CODE: THIS WAS A ONE-TIME TESTING PROCEDURE. Other organic liquid (specify in comments) FROM:Other one-time or intermittent processes(specify in comments) Waste Min: No minimization

OMB#: 2050-0024 Expires 12/31/2014

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME NASA JOHNSON SPACE CENTER WHITE
12600 NASA ROAD
LAS CRUCES, NM 88012

EPA ID NO: **NM8800019434**

U.S. ENVIRONMENTAL PROTECTION AGENCY

2011 Hazardous Waste Report

GM FORM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste Description: OXIDIZER RINSEWATER			
B. EPA Hazardous Waste Code(s): P078		C. State Hazardous Waste Code(s):		
D. Source Code: G19 Management Method code for Source code G25	E. Form Code: W219	F. Quantity Generated in 2011: 105.00 UOM 5 Density 8.34 lb./gal.	G. Waste minimization code: X	

Sec. 2	Was any of this waste managed on-site? ☒ Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) ☐ No (SKIP TO SEC. 3)		
ON-SITE PROCESS SYSTEM 1		**ON-SITE PROCESS SYSTEM 2**	
On-site Management Method code: H122	Quantity treated, disposed, or recycled on-site in 2011: 105.00	On-site Management Method code	Quantity treated, disposed, or recycled on-site in 2011

Sec. 3	A. Was any of this waste shipped off site in 2011 for treatment, disposal, or recycling? ☐ Yes (CONTINUE TO ITEM B) ☒ No (FORM IS COMPLETE)		
Site 1	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 2	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011
Site 3	B. EPA ID No. of facility to which waste was shipped	C. Off-site Management Method code shipped to	D. Total quantity shipped in 2011

Comments NASA WIWPS 80-02-72. ADDITIONAL INFORMATION FOR FORM CODE: TEST SUITS EXPOSED TO OXIDIZER RINSED WITH WATER PRE- AND POST-TEST. Other organic liquid (specify in comments) FROM:Other one-time or intermittent processes(specify in comments) Waste Min: No minimization

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Mr. Thomas A. Ladd
U.S. Army Garrison
Public Works Directorate
IMWE-WSM-PW Building 1510
White Sands Missle Range, NM
88002-5000

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X R. Marrujo ☒ Agent ☐ Addressee

B. Received by (Printed Name) R. Marrujo C. Date of Delivery 2-29-12

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if YES, enter delivery address below: ☐ No

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1. Article Addressed to:

New Mexico Environmental Department
Hazardous Waste Bureau
Attn: James Valdez
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☑ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery
3-19

D. Is delivery address different from item 1? ☐ Yes
if YES, enter delivery address below: ☐ No

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Lyndon B. Johnson Space Center
White Sands Test Facility
Post Office Box 20
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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hazardous Waste Bureau
Attn: Mr. Dan Comeau
New Mexico Environmental Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [signature] C. Date of Delivery 3-1-12

D. Is delivery address different from item 1? ☐ Yes
if YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

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