



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

FEB 23 2012

Mr. James Valdez
New Mexico Environment Department
Hazardous Waste Bureau
Data Management Program
2905 Rodeo Park Dr. East, Bldg. 1
Santa Fe, NM 87502

Subject: Waste Isolation Pilot Plant 2011 Biennial Hazardous Waste Report

Dear Mr. Valdez:

In accordance with the requirements in 20.4.1.500 NMAC (incorporating 40 CFR §264.75), please find the enclosed CD-ROM and hard copy report of the 2011 Biennial Hazardous Waste Report for the Waste Isolation Pilot Plant in Carlsbad, New Mexico. This submittal also satisfies Part 2, Condition 2.14.2 of Hazardous Waste Facility Permit NM4890139088-TSD.

I certify under penalty of law that this document and the enclosure 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 regarding the 2011 Biennial Hazardous Waste Report, please contact Mr. Daniel J. Ferguson at (575) 234-8128.

Sincerely,

//Original Signature on File//

Jose R. Franco, Manager
Carlsbad Field Office

Enclosures

cc: w/o enclosures

J. Davis, NMED *ED
J. Kieling, NMED ED

T. Kliphuis, NMED ED
*ED denotes electronic distribution

<p>SEND THE COMPLETED FORM TO: The Appropriate State or Regional Office</p>	<p>United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM</p>		
<p>1. Reason for Submittal MARK ALL BOX(ES) THAT APPLY</p>	<p>Reason for Submittal:</p> <p><input type="checkbox"/> To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities).</p> <p><input checked="" type="checkbox"/> To provide subsequent notification (to update site identification information).</p> <p><input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application.</p> <p><input type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____).</p> <p><input checked="" type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)</p> <p><input checked="" type="checkbox"/> 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)</p>		
<p>2. Site EPA ID Number</p>	<p>EPA ID Number: NM4890139088</p>		
<p>3. Site Name</p>	<p>Name: USDOE WASTE ISOLATION PILOT PLANT</p>		
<p>4. Site Location Information</p>	<p>Street Address: 34 LOUIS WHITLOCK DRIVE</p> <p>City, Town, or Village: CARLSBAD County: EDDY</p> <p>State: NM Country: US Zip Code: 88220-</p>		
<p>5. Site Land Type</p>	<p><input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		
<p>6. NAICS Code(s) for the Site (at least 5-digit codes)</p>	<p>A. 562211 B.</p> <p>C. D.</p>		
<p>7. Site Mailing Address</p>	<p>Street or P.O. Box: 34 LOUIS WHITLOCK ROAD P.O. BOX 3090</p> <p>City, Town, or Village: CARLSBAD</p> <p>State: NM Country: US Zip Code: 88220-</p>		
<p>8. Site Contact Person</p>	<p>First Name: DANIEL MI: J Last: FERGUSON</p> <p>Title: SITE REGULATORY SPECIALIS</p> <p>Street or P.O. Box: P.O. BOX 3090</p> <p>City, Town, or Village: CARLSBAD</p> <p>State: NM Country: US Zip Code: 88221-</p> <p>Email: daniel.ferguson@wipp.ws</p> <p>Phone: (575) 234-8128 Ext: Fax: () -</p>		
<p>9. Legal Owner and Operator of the Site</p>	<p>A. Name of Site's Legal Owner: US DEPARTMENT OF ENERGY Date Became Owner: 01/01/2003</p> <p>Owner Type: <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p> <p>Street or P.O. Box: 34 LOUIS WHITLOCK DRIVE P.O. BOX 3090</p> <p>City, Town, or Village: CARLSBAD Phone: (575) 234-8128</p> <p>State: NM Country: US Zip Code: 88220-</p> <p>B. Name of Site's Operator: WASHINGTON TRU SOLUTIONS Date Became Operator: 01/01/2003</p> <p>Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		

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 N 1. Generator of Hazardous Waste

If "Yes" mark only one of the following - a, b, or c.

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 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 e. United States Importer of Hazardous Waste

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

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

- Transporter
- Transfer Facility

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

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

Y N 5. Exempt Boiler and/or Industrial Furnace

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

Y N 6. Underground Injection Control

Y N 7. Receives Hazardous Waste from Off-site

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

Y N 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 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 1. Used Oil Transporter
If "Yes", mark all that apply.

- a. Transporter
- b. Transfer Facility

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

- a. Processor
- b. Re-refiner

Y N 3. Off-Specification Used Oil Burner

Y N 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	D021
D022	D026	D027	D028	D029	D030	D032
D033	D034	D035	D036	D037	D038	D039
D040	D043	F001	F002	F003	F004	F005
F006	F007	F009	P098	P106	U002	U133
U151						

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 NX 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

daniel.ferguson@wipp.ws

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 significant 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)
//Original Signature on File//	JOSE R FRANCO	02/23/2012
	MANAGER	

Hazardous Waste Generation, Treatment, and Shipping Summary Report

02/21/2012 Biennial Hazardous Waste Report electronic data submission summary.

USDOE WASTE ISOLATION PILOT PLANT

LOUIS WHITLOCK DRIVE

CARLSBAD, NM 88220

NAICS 562211

Hazardous Waste Treatment and Disposal

Waste Generation and Management Information

Generated, Treated, Shipped Tons

NM4890139088

GM Page	Description	Tons
00001	WASTE AEROSOL CANS CONTAINING IGNITABLE CONSTITUENTS OF PROPELLANTS	
W001	Lab packs with no acute hazardous waste (from any source)	0.03 Tons
G06	Painting and coating (manufacturing, building, or maintenance)	
D001 D005 D035		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.03 Tons

GM Page	Description	Tons
00002	ALCOHOL/ACETONE MIXTURE FROM EXPERIMENTAL OPERATIONS	
W219	Other organic liquid (specify in comments)	0.03 Tons
G19	Other one-time or intermittent processes(specify in comments)	
D001 F003		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.03 Tons

GM Page	Description	Tons
00003	ALCOHOL/ACETONE, PERSONAL PROTECTIVE EQUIPMENT AND WIPES	
W002	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic	0.00 Tons
G19	Other one-time or intermittent processes(specify in comments)	
D001 F003		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.00 Tons

GM Page	Description	Tons
00004	NEUTRALIZED BATTERY ACID CLEAN-UP DEBRIS	
W301	Contaminated soil (usually from remediation, demolition, or cleaning)	0.00 Tons
G32	Cleanup of spill residues	
D008		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.00 Tons

GM Page	Description	Tons
00005	USED DRAGER TUBES FOR AIR MONITORING	
W310	Filters, solid adsorbents, ion exchange resins and spent carbon (usually	0.01 Tons
G19	Other one-time or intermittent processes(specify in comments)	
D019 D022		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.01 Tons

GM Page	Description	Tons
00006	SPENT CHLORIDE ANALYSIS SOLUTION FROM LABORATORY OPERATIONS CONTAINING CHROMIUM AND SILVER	
W001	Lab packs with no acute hazardous waste (from any source)	0.01 Tons
G22	Laboratory analytical wastes (used chemicals from laboratory operations))	
D007 D011		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.01 Tons

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00007		SPENT DICAT ANALYSIS SOLUTION FROM LABORATORY OPERATIONS CONTAINING IGNITABLE AND CORROSIVE CONSTITUENTS		
W001	Lab packs with no acute hazardous waste (from any source)			0.01 Tons
G22	Laboratory analytical wastes (used chemicals from laboratory operations))			
D001	D002			

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.01 Tons**

GM Page: 00008		SPENT ANALYTICAL "LIGHT" SOLUTION FROM LABORATORY OPERATIONS CONTAINING CORROSIVE CONSTITUENTS		
W001	Lab packs with no acute hazardous waste (from any source)			0.00 Tons
G22	Laboratory analytical wastes (used chemicals from laboratory operations))			
D002				

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

GM Page: 00009		SPENT POTASSIUM ANALYSIS SOLUTION FROM LABORATORY OPERATIONS CONTAINING IGNITABLE CONSTITUENTS		
W001	Lab packs with no acute hazardous waste (from any source)			0.00 Tons
G22	Laboratory analytical wastes (used chemicals from laboratory operations))			
D001				

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

GM Page: 00010		SPENT SULFATE ANALYSIS SOLUTION CONTAINING BARIUM		
W001	Lab packs with no acute hazardous waste (from any source)			0.00 Tons
G22	Laboratory analytical wastes (used chemicals from laboratory operations))			
D005				

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

GM Page: 00011		HILTI CARTRIDGE MISFIRES FROM MAINTENANCE OPERATIONS		
W001	Lab packs with no acute hazardous waste (from any source)			0.02 Tons
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products			
D001	D003 D005 D008			

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.02 Tons**

GM Page: 00012		SPENT HARDNESS BUFFER AND EDTA FROM ANALYTICAL LABORATORY OPERATIONS		
W001	Lab packs with no acute hazardous waste (from any source)			0.00 Tons
G22	Laboratory analytical wastes (used chemicals from laboratory operations))			
D002				

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

GM Page: 00013		OFF-SPEC HARDNESS INDICATOR FROM ANALYTICAL LABORATORY OPERATIONS		
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			
D001				

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

Waste Generation and Management Information

Generated, Treated, Shipped Tons

GM Page: 00014	OFF-SPEC REFERENCE ELECTRODE FILLING SOLUTION FROM ANALYTICAL LABORATORY OPERATIONS	
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	
D011		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.00 Tons

GM Page: 00015	SPENT SULFURIC ACID AND COPPER SULFATE FROM LABORATORY RESEARCH EXPERIMENTS	
W103	Spent concentrated acid	0.02 Tons
G19	Other one-time or intermittent processes(specify in comments)	
D002 D003		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.02 Tons

GM Page: 00016	FLUORESCENCE LAMP, BROKEN	
W319	Other inorganic solids (specify in comments)	0.00 Tons
G39	Other cleanup of current contamination(specify in comments)	
D008		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.00 Tons

GM Page: 00017	ISOPROPYL ALCOHOL REAGENT	
W001	Lab packs with no acute hazardous waste (from any source)	0.01 Tons
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.01 Tons

GM Page: 00018	PETROLEUM PRODUCT SPILL CLEAN-UP	
W301	Contaminated soil (usually from remediation, demolition, or cleaning)	0.00 Tons
G32	Cleanup of spill residues	
D001 D008		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.00 Tons

GM Page: 00019	OFF-SPEC ACID SPILL ABSORBANT	
W319	Other inorganic solids (specify in comments)	0.05 Tons
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D005		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.05 Tons

GM Page: 00020	OFF-SPEC THINNER #2, PAINT THINNER	
W211	Paint thinner or petroleum distillates	0.00 Tons
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001		

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.00 Tons

Waste Generation and Management Information**Generated, Treated, Shipped Tons**

GM Page: 00021 **WATER AND MORTER FROM CONSTRUCTION ACTIVITIES**
W501 Lime and/or metal hydroxide sludges and solids with no cyanides (not **1.70 Tons**
G19 Other one-time or intermittent processes(specify in comments)
D002

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 1.70 Tons

GM Page: 00022 **SPENT ZEOLITE FILTER USED FOR VOC ABSORPTION**
W310 Filters, solid adsorbents, ion exchange resins and spent carbon (usually **0.52 Tons**
G21 Air pollution control devices (baghouse dust, etc from stack scrubbers, vapor
D019 D022

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.52 Tons

GM Page: 00023 **OFF-SPEC DENATURED ALCOHOL**
W001 Lab packs with no acute hazardous waste (from any source) **0.10 Tons**
G11 Discarding off-specification, out-of-date, and/or unused chemicals or products
D001

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.10 Tons

GM Page: 00024 **WASTE SHAFT BRINE WATER**
W113 Other aqueous waste or wastewaters (fluid, not sludgy) **7.25 Tons**
G19 Other one-time or intermittent processes(specify in comments)
D008

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 7.25 Tons

GM Page: 00025 **EXHAUST SHAFT INTERCEPTION BOREHOLE SYSTEM BRINE**
W113 Other aqueous waste or wastewaters (fluid, not sludgy) **0.64 Tons**
G19 Other one-time or intermittent processes(specify in comments)
D008

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.64 Tons

GM Page: 00026 **GRANULATED ACTIVATED CHARCOAL/ZEOLITE FILTER, SPENT**
W310 Filters, solid adsorbents, ion exchange resins and spent carbon (usually **0.25 Tons**
G21 Air pollution control devices (baghouse dust, etc from stack scrubbers, vapor
D019 D022

Shipped to: COD980591184 H141 Storage, bulking, and/or transfer off-site - no 0.25 Tons

This information has been reviewed by:

//Original Signature on File//

DANIEL J FERGUSON

(575)234- *8128