

AA:24:01004

February 27, 2024

Mr. Ricardo Maestas, Acting Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Dr. East, Building 1
Santa Fe, New Mexico 87505

Subject: Waste Isolation Pilot Plant 2023 RCRA Biennial Hazardous Waste Report,
Waste Isolation Pilot Plant Hazardous Waste Facility Number: NM4890139088-
TSDF

Dear Mr. Maestas:

The purpose of this letter is to notify you that the 2023 RCRA Biennial Hazardous Waste Report for the Waste Isolation Pilot Plant required by Permit Part 2, Section 2.14.2 has been completed, certified electronically, and submitted electronically into the U.S. Environmental Protection Agency (EPA) database (*RCRA Info Biennial Report Application*), as required by the instructions.

The information submitted to the database consists of the following forms:

- Biennial Report / Notification Form
- Waste Generation and Management (GM) Form
- Waste Received from Off-Site (WR) Form
- Off-Site Identification (OI) Form

As directed by your office, the Report has been prepared using the RCRA Biennial Report software application implemented by the EPA. This application is maintained on the EPA Central Data Exchange website and the electronic submittal fulfilled the regulatory reporting requirement.

As required by Permit Part 1, Section 1.14.2, Item Number 10, the Permittees shall place a copy of the report on the WIPP Information Repository. Enclosed for your information and review is a print copy of the report from the website application. Biennial Report information for the WIPP Facility is also available to the public via the "Envirofacts" section of the EPA website at <https://www.epa.gov/enviro/br-search>.

I certify under penalty of law that this document and all attachments were prepared under our direction or supervision according to a system designed to assure that qualified

personnel properly gather and evaluate the information submitted. Based on our inquiries 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 our knowledge and belief, true, accurate, and complete. We are 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 2023 RCRA Biennial Hazardous Waste Report, please contact Mr. Michael Gerle at (575) 988-5372.

Sincerely,

Signature on File

Ken Harrawood, Program Manager
Salado Isolation Mining Contractors LLC

Enclosure

cc: with enclosure

A. Donahue, NMED *ED
M. McLean, NMED ED
CBFO M&RC

*ED denotes electronic distribution

bcc: with enclosure

J Adkins, CBFO	* ED
G. Basabilvazo, CBFO	ED
B. Forinash, CBFO	ED
E. Gerle, CBFO	ED
M. Navarrete, CBFO	ED
A. Ward, CBFO	ED
M. Edwards, SIMCO	ED
R. Flynn, SIMCO	ED
M. Gonzales, SIMCO	ED
S. Strong, SIMCO	ED
G. Yocum, SIMCO	ED
R. Chavez, LATA	ED
M. Cook, LATA	ED
K. Morrison, LATA	ED
J. Runyon, LATA	ED
N. Kowalski, LATA	ED
R. Salness, LATA	ED
M. Serrano, LATA	ED
J. Settle, SIMCO	ED
A. Urquidez, LATA	ED
A. Waldram, LATA	ED

bcc: Information Repository

R. Chavez, LATA	ED
N. Chavez, LATA	ED
J. Haschets, LATA	ED
J. Nelson, LATA	ED
D. Thomas, SKYLLA	ED

bcc: RCRA Chronology

K. Urquidez, LATA	ED
S. Percy, LATA	ED

bcc: RCRA Operating Record

W. Jaco, LATA	ED
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*ED denotes electronic distribution

Enclosure 1

2023 WIPP Resource Conservation and Recovery Act Biennial Hazardous Waste Report

Section A: Biennial Report / Notification Form

Section B: Generation and Management (GM) Forms

Section C: Wastes Received from Off-Site (WR)

Forms Section D: Off-Site Identification (OI) Forms

Section A

**Biennial Report / Notification Form
(Total 3 Pages, Excluding Cover Sheet)**

Cycle	Site Name	Site ID
2023	U.S. DOE WASTE ISOLATION PILOT PLANT	NM4890139088

1. Reason for Submittal	
BR / AR with Notification. [Source B]	<i>BR Exempt</i> No

2. Site ID
NM4890139088

3. Site Name
U.S. DOE WASTE ISOLATION PILOT PLANT

4. Site Location		
<i>Street Number</i>	<i>Street 1</i> 34 LOUIS WHITLOCK ROAD	<i>Street 2</i>
<i>Zip</i> 88220	<i>City, Town or Village</i> CARLSBAD	<i>State</i> NEW MEXICO
<i>Country</i> UNITED STATES	<i>Country</i> EDDY	
<i>Latitude</i> 32.36977	<i>Longitude</i> -103.79135	<i>Use Lat/Long as Primary Address</i> No

5. Site Mailing Address		
<i>Street Number</i>	<i>Street 1</i> P. O. BOX 3090	<i>Street 2</i>
<i>Zip</i> 88221-3090	<i>City, Town or Village</i> CARLSBAD	<i>State</i> NEW MEXICO
<i>Country</i> UNITED STATES		

6. Site Land Type
Federal

7. North American Industry Classification System (NAICS)
<i>Primary NAICS</i> 562211 - HAZARDOUS WASTE TREATMENT AND DISPOSAL
<i>Other NAICS</i>

8. Site Contact Person		
<i>First Name</i> Michael	<i>Middle Initial</i> D	<i>Last Name</i> Gerle
<i>Title</i> DIRECTOR OF ERCD	<i>Email</i> Michael.Gerle@CBFO.DOE.GOV	<i>Language</i> ENGLISH
<i>Phone Number</i> 575-988-5372	<i>Extension</i>	<i>Fax</i>

8a. Site Contact Address		
<i>Street Number</i>	<i>Street 1</i> P.O. BOX 3090	<i>Street 2</i>
<i>Zip</i> 88221-3090	<i>City, Town or Village</i> CARLSBAD	<i>State</i> NEW MEXICO
<i>Country</i> UNITED STATES		

9a. Legal Owner #1		
<i>Name</i> U.S. DEPARTMENT OF ENERGY	<i>Date</i> 05/18/1981	<i>Type</i> Federal
<i>Street Number</i>	<i>Street 1</i> P. O. BOX 3090	<i>Street 2</i>
<i>Zip</i> 88221-3090	<i>City, Town or Village</i> CARLSBAD	<i>State</i> NEW MEXICO
<i>Country</i> UNITED STATES		
<i>Email</i> mark.bollinger@cbfo.doe.gov		
<i>Phone Number</i> 575-243-4432	<i>Extension</i>	<i>Fax</i>
<i>Public Comments</i>		

9b. Legal Operator #1		
<u>Name</u> Salado Isolation Mining Contractors, LLC	<u>Date</u> 02/04/2023	<u>Type</u> Private
<u>Street Number</u>	<u>Street 1</u> P. O. BOX 2078	<u>Street 2</u>
<u>Zip</u> 88221-2078	<u>City, Town or Village</u> CARLSBAD	<u>State</u> NEW MEXICO
<u>Country</u> UNITED STATES		
<u>Email</u> ken.harrowood@wipp.ws		
<u>Phone Number</u> 575-234-7400	<u>Extension</u>	<u>Fax</u>
<u>Public Comments</u>		

10. Type of Federal Regulated Waste Activity		
A. Hazardous Waste Activities		
<u>1. Generator of Hazardous Waste (Federal)</u> 1 - Large Quantity Generator	<u>3. Treater, Storer, or Disposer of Hazardous Waste</u> Yes	<u>6. Exempt Boiler and / or Industrial Furnace</u> None selected
	<u>4. Receives Hazardous Waste from Off-site</u> Yes	
<u>2. Short Term Generator</u> No	<u>5. Recycler of Hazardous Waste</u> None selected	
B. Waste Codes for Federally Regulated Hazardous Wastes		
<u>Hazardous Waste Codes (Federal)</u> 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, P015, P030, P098, P099, P106, P120, U002, U003, U019, U037, U043, U044, U052, U070, U072, U078, U079, U103, U105, U108, U122, U133, U134, U151, U154, U159, U196, U209, U210, U220, U226, U228, U239		
C. Waste Codes for State Regulated (non-Federal) Hazardous Wastes		
<u>Hazardous Waste Codes (State)</u> None selected		

11. Additional Regulated Waste Activities		
A. Other Waste Activities		
<u>1. Transporter of Hazardous Waste</u> None selected	<u>3. United States Importer of Hazardous Waste</u> No	<u>5. Importer/Exporter of SLABs</u> None selected
<u>2. Underground Injection Control</u> No	<u>4. Recognized Trader</u> None selected	
B. Universal Waste Activities	C. Used Oil Activities	
<u>1. Large Quantity Handler of Universal Waste</u> Accumulated/Managed: None selected Generated: None selected	<u>1. Used Oil Transporter</u> None selected	<u>3. Off-Specification Used Oil Burner</u> No
<u>2. Destination Facility for Universal Waste</u> No	<u>2. Used Oil Processor and / or Re-refiner</u> None selected	<u>4. Used Oil Fuel Marketer</u> None selected
D. Pharmaceutical Activities		
Your state does not participate in Subpart P.		

12. Eligible Academic Entities with Laboratories
<u>1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories.</u> None selected
<u>2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories.</u> No

13. Episodic Generation
<u>Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category pursuant to 40 CFR Part 262 Subpart L? If "Yes", you must fill out the Addendum for Episodic Generator.</u> No

14. LQG Consolidation of VSQG Waste
<u>Are you an LQG notifying of consolidating VSQG hazardous waste under the control of the same person pursuant to 40 CFR 262.17(f)?</u> No

15. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) and Entire Facility
<u>LQG Site Closure of a Central Accumulation Area or Facility</u> No

16. Notification of Hazardous Secondary Material (HSM) Activity
<u>Are you reporting HSM activities?</u> No

17. Electronic Manifest Broker

Are you notifying as a person, as defined in 40 CFR 260.10, electing to use the EPA electronic manifest system to obtain, complete, and transmit an electronic manifest under a contractual relationship with a hazardous waste generator?

No

18. Comments

Public Comments

19. Certification

Certifier #1		
<u>First Name</u> Richard	<u>Middle Initial</u> R	<u>Last Name</u> Chavez
<u>Title</u> Environmental Program Manager	<u>Email</u> rick.chavez@wipp.ws	<u>Date Signed</u> 02/26/2024

Section B

**Waste Generation and Management (GM)
Forms (Total 7 Pages, Excluding Cover Sheet)**

Cycle	Site Name	Site ID
2023	U.S. DOE WASTE ISOLATION PILOT PLANT	NM4890139088

GM 1 Waste Characteristics			
<u>A. Description of hazardous waste</u> BATTERY ACID SPILL CLEANUP, LEAD BATTER ACID, NEUTRALIZER, SALT. PROFILE 160854			
<u>B. EPA Hazardous Waste Code(s)</u> D008			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G32	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W319
<u>F. Waste Minimization Code</u> A	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 27.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 27.0
<u>Comments</u> Lead Acid Battery/Contaminated Soil Mixture clean up. Packed with neutralizer.			

GM 2 Waste Characteristics			
<u>A. Description of hazardous waste</u> BROKEN LEAD ACID BATTERY, SULFURIC ACID, BATTERY, ABSORBENT RAGS. PROFILE 986655			
<u>B. EPA Hazardous Waste Code(s)</u> D002, D006, D008			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G09	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W309
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 59.5	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 59.5
<u>Comments</u> Damaged Lead Acid Battery packed with neutralizer. Broken frequently due to ground control and forklift puncture.			

GM 3 Waste Characteristics			
<u>A. Description of hazardous waste</u> CALCIUM HYPOCHLORITE HYDRATED MIXTURES, CALCIUM HYPOCHLORITE, WATER UNMIXED, ETC. PROFILE 1140560			
<u>B. EPA Hazardous Waste Code(s)</u> D001			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G09	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W319
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 92.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 92.0
<u>Comments</u> Calcium Hypochlorite is used for water treatment.			

GM 4 Waste Characteristics			
<u>A. Description of hazardous waste</u> BATTERY-DAMAGED CARBON ZINC, DAMAGED CARBON ZINC (ALKALINE) LATERN BATTERY. PROFILE 1176386			
<u>B. EPA Hazardous Waste Code(s)</u> D002			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G16	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W309
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 18.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 18.0
<u>Comments</u> Damaged Zinc Carbon Battery packed with neutralizer.			

GM 5 Waste Characteristics			
<u>A. Description of hazardous waste</u> GASOLINE CONTAMINATED WATER, DIESEL, GASOLINE, WATER. PROFILE 127351			
<u>B. EPA Hazardous Waste Code(s)</u> D001, D018			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G13	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W219
<u>F. Waste Minimization Code</u> A	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 226.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 226.0
<u>Comments</u> Waste consists of water mixed fuel diesel/gasoline generated when the fuel station storm water is pumped.			

GM 6 Waste Characteristics			
<u>A. Description of hazardous waste</u> DIESEL FUEL, DIESEL FUEL, EXPIRED, PROFILE 18781			
<u>B. EPA Hazardous Waste Code(s)</u> D001			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G09	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W219
<u>F. Waste Minimization Code</u> A	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 1012.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 1012.0
<u>Comments</u> Expired Diesel Fuel. SDS indicates flashpoint is less than 140 degrees F.			

GM 7 Waste Characteristics			
<u>A. Description of hazardous waste</u> GASOLINE CONTAMINATED WATER, DIESEL, GASOLINE, WATER. PROFILE 127351			
<u>B. EPA Hazardous Waste Code(s)</u> D001, D018			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G07	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W219
<u>F. Waste Minimization Code</u> A	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 255.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H061	<u>D. Total Quantity Shipped</u> 255.0
<u>Comments</u> Waste consists of storm water contaminated with diesel/gasoline generated from fuel station pump.			

GM 8 Waste Characteristics			
<u>A. Description of hazardous waste</u> FUEL CONTAMINATED PPE & RAGS, RAGS, ABSORBED WATER, FUEL, DIRT. PROFILE 39607			
<u>B. EPA Hazardous Waste Code(s)</u> D018, D001			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G13	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W319
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 130.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H061	<u>D. Total Quantity Shipped</u> 130.0
<u>Comments</u> Waste consists of diesel/gasoline contaminated rags due to fuel transfer.			

GM 9 Waste Characteristics			
<u>A. Description of hazardous waste</u> HAZ CHEM LAB PACK, ETHYL ALCOHOL. PROFILE 593869			
<u>B. EPA Hazardous Waste Code(s)</u> D001			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G19	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W219
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 112.8	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 112.8
<u>Comments</u> Waste consisted of expired AITEMAY 75% alcohol sanitizer. This waste stream does not occur often.			

GM 10 Waste Characteristics			
<u>A. Description of hazardous waste</u> GASOLINE/DIESEL MIXTURE, GASOLINE, DIESEL PROFILE 866371			
<u>B. EPA Hazardous Waste Code(s)</u> D001, D018			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G09	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W219
<u>F. Waste Minimization Code</u> A	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 59.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 59.0
<u>Comments</u> Waste contains gasoline pumped out of diesel fuel tank.			

GM 11 Waste Characteristics			
<u>A. Description of hazardous waste</u> HAZARDOUS LIQUID WASTE FLAM LSPK, LOPOSEPACK METAL CONTAINERS OF FLAMMABLE PROFILE 269941			
<u>B. EPA Hazardous Waste Code(s)</u> D001, D035, F003, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G06	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W219
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 19.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 19.0
<u>Comments</u> Waste contains Three (3) Quart Cans of Sherwin Williams Fast Dry Acrylic Paint.			

GM 12 Waste Characteristics			
<u>A. Description of hazardous waste</u> HAZARDOUS CHEM LAB PACK, HAZARDOUS. 593869			
<u>B. EPA Hazardous Waste Code(s)</u> D001			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G19	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W001
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 64.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 64.0
<u>Comments</u> Waste contains Gacopatch-White, Acrylic Paint, and Silicon Fluid.			

GM 13 Waste Characteristics			
<i>A. Description of hazardous waste</i> HAZARDOUS CHEM LAB PACK, HAZARDOUS. PROFILE 593869			
<i>B. EPA Hazardous Waste Code(s)</i> D001, D035			
<i>C. State Hazardous Waste Code(s)</i>			
<i>D. Source Code</i> G19	<i>Management Method Code</i>	<i>Country</i>	<i>E. Form Code</i> W001
<i>F. Waste Minimization Code</i> X	<i>G. Radioactive Mixed</i> No		
<i>H. Quantity</i> 146.0	<i>UOM</i> POUNDS	<i>Density</i>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<i>B. EPA ID of facility to which waste was shipped</i> COD980591184	<i>C. Management Method Code</i> H061	<i>D. Total Quantity Shipped</i> 146.0
Comments Waste contains ACROLON 218 HS Polyurethane - Gloss (Part A) Extra White/Tint Base and CARBOGUARD 890 N Part A & B. This generation was a one time use.			

GM 14 Waste Characteristics			
<i>A. Description of hazardous waste</i> HAZARDOUS CHEM LAB PACK, HAZARDOUS. 593869			
<i>B. EPA Hazardous Waste Code(s)</i> D002, D008			
<i>C. State Hazardous Waste Code(s)</i>			
<i>D. Source Code</i> G19	<i>Management Method Code</i>	<i>Country</i>	<i>E. Form Code</i> W001
<i>F. Waste Minimization Code</i> X	<i>G. Radioactive Mixed</i> No		
<i>H. Quantity</i> 94.0	<i>UOM</i> POUNDS	<i>Density</i>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<i>B. EPA ID of facility to which waste was shipped</i> COD980591184	<i>C. Management Method Code</i> H141	<i>D. Total Quantity Shipped</i> 94.0
Comments Waste contains 50/50 sulfuric acid mix with water. Generation was only a one time occurrence.			

GM 15 Waste Characteristics			
<i>A. Description of hazardous waste</i> BROKEN FLUORESCENT LIGHT, FLUORESCENT & SODIUM VAPOR BULBS, PLASTIC SLEEVES. PROFILE 982089			
<i>B. EPA Hazardous Waste Code(s)</i> D008, D009			
<i>C. State Hazardous Waste Code(s)</i>			
<i>D. Source Code</i> G19	<i>Management Method Code</i>	<i>Country</i>	<i>E. Form Code</i> W320
<i>F. Waste Minimization Code</i> X	<i>G. Radioactive Mixed</i> No		
<i>H. Quantity</i> 31.0	<i>UOM</i> POUNDS	<i>Density</i>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<i>B. EPA ID of facility to which waste was shipped</i> COD980591184	<i>C. Management Method Code</i> H141	<i>D. Total Quantity Shipped</i> 31.0
Comments Waste consists of broken fluorescent light bulbs that occur sometimes during transport to CAA. Does not occur often.			

GM 16 Waste Characteristics			
<u>A. Description of hazardous waste</u> LEAD CONTAMINATED BRINE, WATER,SALT,LEAD,CADMIUM,SELENIUM. PROFILE 569492			
<u>B. EPA Hazardous Waste Code(s)</u> D008, D010			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G09	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W119
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> No		
<u>H. Quantity</u> 7347.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> COD980591184	<u>C. Management Method Code</u> H141	<u>D. Total Quantity Shipped</u> 7347.0
Comments Waste consists of oil condensate water mixture. Waste may or may not contain lead, cadmium, or selenium but is included on the profile.			

GM 17 Waste Characteristics			
<u>A. Description of hazardous waste</u> BATTERIES, LITHIUM ION, USED, MLLW LITHIUM ION BATTERIES [PF] WP-9114			
<u>B. EPA Hazardous Waste Code(s)</u> D003			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G15	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W320
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> Yes		
<u>H. Quantity</u> 8.2	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> TXD988088464	<u>C. Management Method Code</u> H129	<u>D. Total Quantity Shipped</u> 8.2
Comments Waste consists of Batteries, Lithium Ion contaminated with rad. Waste was treated through stabilization at WCS.			

GM 18 Waste Characteristics			
<u>A. Description of hazardous waste</u> MLLW - CIRCUIT BOARDS [PF] WP-9114			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D006, D008, D009, D011			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G15	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W320
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> Yes		
<u>H. Quantity</u> 5.2	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> TXD988088464	<u>C. Management Method Code</u> H129	<u>D. Total Quantity Shipped</u> 5.2
Comments Waste contains mixed low level waste circuit boards generated in a rad area. Waste was treated through stabilization at WCS.			

GM 19 Waste Characteristics			
<u>A. Description of hazardous waste</u> RAD INSTRUMENTS/ELECTRONICS, MLLW [PF] WP-9114			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D008, D009, D011, D004			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G15	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W320
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> Yes		
<u>H. Quantity</u> 41.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> TXD988088464	<u>C. Management Method Code</u> H129	<u>D. Total Quantity Shipped</u> 41.0
<u>Comments</u> Waste Consists of Rad instruments/electronics. Waste was treated through stabilization at WCS.			

GM 20 Waste Characteristics			
<u>A. Description of hazardous waste</u> RAD INSTRUMENTS/ELECTRONICS, MLLW ELECTRONICS [PF] WP-9114			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D008, D004, D009, D011			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. Source Code</u> G15	<u>Management Method Code</u>	<u>Country</u>	<u>E. Form Code</u> W320
<u>F. Waste Minimization Code</u> X	<u>G. Radioactive Mixed</u> Yes		
<u>H. Quantity</u> 44.0	<u>UOM</u> POUNDS	<u>Density</u>	
On-site Generation and Management of Hazardous Waste			
Off-site Shipment of Hazardous Waste			
Site 1	<u>B. EPA ID of facility to which waste was shipped</u> TXD988088464	<u>C. Management Method Code</u> H129	<u>D. Total Quantity Shipped</u> 44.0
<u>Comments</u> Waste consists of rad instruments/electronics. Waste was treated through stabilization at WCS.			

Section C

**Wastes Received from Off-Site (WR) Forms
(Total 10 Pages, Excluding Cover Sheet)**

Cycle	Site Name	Site ID
2023	U.S. DOE WASTE ISOLATION PILOT PLANT	NM4890139088

WR 1 Waste			
<u>A. Waste Description</u> SUPERCOMPACTED DEBRIS WASTE (CH) BN510.4			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, D027, D028, D029, D030, D032, D033, D034, D037, D043, F001, F002, F004, F005, F006, F007, F009, P030, P098, P099, P106, U003, U103, U108, U134, U155			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 199582.04	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> BN510.4 is a newly generated debris waste stream generated from super compacted 55-gallon containers of debris waste consisting of heterogenous debris waste.			

WR 2 Waste			
<u>A. Waste Description</u> FIRST/SECOND STAGE SOLIDIFIED SLUDGE (CH) BNINW216			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, F003, F005, F006, F007, F009, D004			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 1894.69	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> The First/Second Stage Sludge waste stream consists of drums containing First Stage Sludge (Item Description Code [IDC] 001), Second Stage Sludge (IDC 002), or Solidified Sludge- Bldg 774 (IDC 800). IDC 001-This waste consists of immobilized materials generated from first-stage treatment operations. Aqueous liquids coming into the process consisted of liquids were made basic with sodium hydroxide to precipitate iron, magnesium, etc. that also carried down the relatively small precipitate of plutonium and americium hydrated oxides. The precipitate was filtered to produce a sludge (IDC 001), which was placed in a drum with Portland cement. IDC 002- This waste consists of immobilized materials generated from second-stage treatment operations. Aqueous liquids to be treated originated from first-stage treatment treated in the same manner as the liquids from the first stage, resulting sludge (IDC 002) was placed into a drum with Portland cement. IDC 800: the sludge formed solid monolith.			

WR 3 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS WASTE AERHDM			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D004, D006, D007, D008, D009, D010, D011, D019, D028, D029, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> IL3890008946	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 677.34	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code:S5400 Heterogenous Debris. Waste stream AECHDM-PK consists of repackaged mixed heterogeneous debris generated during laboratory and maintenance operations at Argonne. The waste consists primarily of organic and inorganic laboratory debris. Based on a review of the feed container and final 55-gallon drum packaging documentation, drums in waste stream AECHDM-PK may include the following waste materials: Metal, Other Metal, Other Inorganic materials, Cellulosic, Rubber, Plastic,			

WR 4 Waste			
<u>A. Waste Description</u> BLDG 374 SLUDGES BNINW218			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D007, D008, D009, D010, D011, D032, F001, F002, F005, F006, F007, F009			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 1104.14	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code:S3100 Solidified Inorganics. Sludge waste stream consists of drums containing Dry Sludge (Item Description Code [IDC] 007), Solidified Direct Cementation Process (DCP) Sludge (IDC 803), or Solidified By-pass Sludge (IDC 807). The aqueous sludge wastes were generated from a carrier precipitation and immobilization process.			

WR 5 Waste			
<u>A. Waste Description</u> RADIOACTIVE SLUDGES AND OTHER DEBRIS (PAPER, CLOTH, PLASTIC, RUBBER, WOOD) FROM WASTEWATER TREATMENT OPERATIONS ID-SDA-SLUDGE			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, D027, D028, D029, D030, D032, D033, D034, D037, D038, D043, F001, F002, F004, F005, F006, F007, F009, P098, P106			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W409	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 379.5	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code: S3900 Solidified Organics. Homogeneous Solids from the Subsurface Disposal Area at Idaho National Laboratory. Waste stream is predominantly homogeneous solids consisting of metals, cellulosic, rubber, organic liquids, etc.			

WR 6 Waste			
<u>A. Waste Description</u> CEMENTED TRU WASTE (CH) LA-CIN01.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 31400.7	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code-S3000- Mixed Cemented Homogeneous Solid Waste from TA-55. Solidified Inorganics consists of aqueous and organic liquids from the six operational areas (e.g., nitrate operations), ash, calcium chloride salts, chloride solutions, evaporator bottoms, filter aid, filter cakes, plutonium/uranium filings and fines, glovebox sweepings, graphite powder, HEPA filter media, leached ash residues, leached particulate solids etc.			

WR 7 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS WASTE FROM TA-55 LA-MHD01.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 15202.1	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code- S5000- Debris Waste. Mixed heterogeneous debris waste generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, decontamination and decommissioning (D&D), waste repackaging, and below-grade retrieval operations.			

WR 8 Waste			
<u>A. Waste Description</u> RADIOACTIVE COMBUSTIBLE AND NONCOMBUSTIBLE DEBRIS FROM LABORATORY OPERATIONS LA-MHD03.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 1789.1	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group:S5000 Heterogeneous Debris Waste. Mixed Heterogeneous Debris from TA-3. Mixed combustible and non-combustible debris waste from chemistry operations in Wings 3, 5, and 7. Examples of the combustible waste in this waste stream includes paper, rags, plastic, rubber, wood-based high efficiency particulate air (HEPA) filters, filter media, cardboard, wipes, paper towels, filter/grinding/transfer paper, stoppers, tubing, valves, bottles, containers, plastic sheeting, cotton gloves, cotton coveralls, Nomex® (synthetic fire resistant fiber textile) coveralls, paper coveralls, plastic booties, tape, laboratory coats, nylon booties, polyvinyl chloride plastic, Teflon® products, Plexiglas®, rubber-brass-steel supplied-air hoses, leather gloves, latex gloves, respiratory protection, hoses, hoods, various hand tools, ladders, wood, and similar materials. Examples of the non-combustible waste in this waste stream includes small tools etc.			

WR 9 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS (CH) LA-MHD04.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 19.1	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000- Heterogeneous Debris Waste. Consists of heterogeneous debris generated during routine and decontamination and decommissioning activities. Description from the TWBIR: Mixed metal scrap, discarded gloveboxes, and incidental combustible waste generated from facility and equipment decontamination and decommissioning at TA21. This waste consists mostly of metals or metal equipment, either whole or sectioned, gloveboxes, glovebox equipment, glass, and small volumes of combustibles generated during decommissioning. This waste may also include items such as small tools, cans, motors, and pumps. Gloveboxes may include gloves, wiring, plastic, glass windows, plastic wrapping, and lead shielding.			

WR 10 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS WASTE (CH) LA-MHD09.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, D027, D028, D029, D030, D037, D043, F001, F002, F004, F005, F006, F007, F009			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 500.9	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Contact Handled (CH) mixed transuranic (TRU) heterogeneous combustible and non-combustible debris from the TA-50-01 RLWTF, TA-50-37 CAI, and TA-50-69 WCCR Facility generated during facility and equipment maintenance, decontamination and decommissioning (D&D), and waste repackaging activities.			

WR 11 Waste			
<u>A. Waste Description</u> HOMOGENEOUS INORGANIC SOLIDS (TA-50) (CH) LA-MIN03-NC.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, D028, D037, F001, F002, F004, F005, F006, F007, F009			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 2499.3	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Inorganics. Description from the TWBIR: Solidified aqueous waste is a dewatered sludge generated by the vacuum filtration of solids from a pretreated aqueous waste slurry. Consists of homogeneous solid waste generated at the Radioactive Liquid Waste Treatment Facility.			

WR 12 Waste			
<u>A. Waste Description</u> TREATED LEGACY NITRATE SALT TRU WASTE (CH) LA-MIN06-NS.001			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 2036.3	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Inorganics Homogeneous Solids. Description from the ATWIR1: To be determined - This waste does not currently have an ATWIR identification number; however, it was originally identified under LA-MIN02-V.001- Inorganic particulate waste generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below grade retrieval operations. The waste is largely comprised of Transuranic (TRU) waste such as liquids and solids absorbed or mixed with absorbent (e.g., Ascarite, diatomaceous earth, kitty litter, vermiculite, Waste Lock 770, and/or zeolite). Examples of absorbed liquids include acids.			

WR 13 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS LL-M001-S5400-002			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D004, D006, D007, D008, D009, D010, D011, D019, D022, D028, D029, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> NM0890010515	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 388.1	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description: Specific waste may include paper cartons, cardboard, Kimwipes, cotton swabs, tissues, cheesecloth, grinding paper, plastic (e.g., bags, sheet, tape, containers, pipette tips, and glovebox windows). Neoprene and Hypalon gloves (leaded and nonleaded), aluminum foil, tin cans, hardware (e.g., nuts, bolts, washers, fittings, gauges, fixtures, thermocouples), metal tools (e.g., screwdrivers and pliers), metal parts, equipment (with or without circuit boards), copper (wire, tubing, flanges, rods, and molds), sealed sources, aerosol cans, glass (e.g., beakers, vials, and ion exchange columns with resin), graphite molds, crucibles (magnesium oxide, tantalum), epoxy resin chunks, lead metal (e.g., bricks, foil), Kaufman cans (lead seams), lead-lined and cadmium-lined steel cans, mercury batteries, fluorescent and incandescent light bulbs, small quantities of pyrochemical salts and solidified aqueous/organic liquids.			

WR 14 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM ANALYTICAL CHEMISTRY LABORATORY OPERATIONS OR-CHEM-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D011, D019, D022, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 1486.9	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste.) Description from the TWBIR: Waste consists of CH-TRU debris from analytical chemistry operations at ORNL. Waste consists of contact-handled (CH) transuranic (TRU) heterogeneous debris waste generated in the Radioactive Materials Analytical Laboratory (RMAL) in Building 2026 at the Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee.			

WR 15 Waste			
<u>A. Waste Description</u> HETEROGENEOUS ORGANIC AND INORGANIC DEBRIS WASTE FROM ISOTOPE PRODUCTION, SUCH AS METAL, PAPER, PLASTIC, RUBBER, ETC. OR-ISTP-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D006, D007, D008, D009, D011, D019, D022, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 4003.8	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Waste consists of CH-TRU debris from isotopes production at ORNL. Waste consists of contact-handled (CH) transuranic (TRU) heterogeneous debris waste generated in several Isotopes Programs facilities. Isotopes developed were for nuclear medicine, radiation processing, industrial controls, and other applications as well as research and development (R&D) in every scientific and engineering discipline.			

WR 16 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM NUCLEAR FUEL SERVICES, INC., NUMBER2 OR-NFS-CH-HET-A			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D008, D009, D011, F002			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 8519.5	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Waste consists of non-mixed CH-TRU debris from NFS. Waste consists of Contact-Handled (CH) transuranic (TRU) mixed heterogeneous debris generated at Nuclear Fuel Services, Inc. (NFS).			

WR 17 Waste			
<u>A. Waste Description</u> NFS CH-TRU SOIL WASTE (CH) OR-NFS-CH-SOIL			
<u>B. EPA Hazardous Waste Code(s)</u> F002			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W301	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 167.2	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S4000 Soils. Description from the ATWIR: Waste consists of soils from NFS. Nuclear Fuel Services CH-TRU Soil Waste.			

WR 18 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM RADIOCHEMICAL PROCESSING RESEARCH AND DEVELOPMENT OR-RADP-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D028, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 863.9	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Waste consists of CH-TRU debris from radiochemical processing R&D at ORNL. Heterogeneous Debris from Radiochemical Processing Research and Development.			

WR 19 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM RADIOCHEMISTRY LABORATORY OPERATIONS INCLUDING PAPER, PLASTIC, RUBBER, GLASS, AND METAL OR-REDC-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D019, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 5005.0	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Hot cell debris waste. Heterogeneous debris from the Radiochemical Engineering Development Center.			

WR 20 Waste			
<u>A. Waste Description</u> DEBRIS FROM B3019-A AND 4508 (CH) OR-RF-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D007, D008, D009, D011, D019, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 3052.7	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Waste consists of CH-TRU debris from reactor fuels R&D at ORNL. Waste Stream Name: Heterogeneous Debris from Reactor Fuels Research & Development.			

WR 21 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM MOUND SITE (CH) SR-MD-PAD1			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D006, D004, D007, D008, D009, D010, D011, D019, D022, D027, D028, D029, D030, D032, D034, D037, D043, F002, F004, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 258.2	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR: This CH TRU waste stream consists of debris shipped to the SRS from the Mound Plant in 1971 and 1972. SR-MD-PAD1 is comprised primarily of numerous organic and inorganic debris waste items and generally consists of combustible, plastic, rubber, glass, and metal. Waste Stream Name: Heterogeneous Debris from Mound Site.			

WR 22 Waste			
<u>A. Waste Description</u> HEPA FILTER WASTE FROM HBL FACILITY H-CANYON BLDG. (CH) SR-W027-221H-HEPA			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D007, D008, D009, D011, D019, D022, D029, D035, D039, D040, D043			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 112.8	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Filters. Description from the ATWIR: This waste stream is defense related, contact handled mixed TRU and is composed of HEPA filters. Waste Stream Name: HEPA Filter Debris From H-Canyon.			

WR 23 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS - 221H (CH) SR-W027-221H-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D008, D009, D019, D022, D029, D039, D040, D043, F001, F002, F003, F005, U133			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 1025.7	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Heterogeneous Debris from HB Line. The HB-Line consisted of three major operations in both the old and new HB-Lines: Scrap recovery, NpO2 production, and PuO2 production.			

WR 24 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM LABORATORY OPERATIONS INCLUDING PAPER, CLOTH, WOOD, PLASTIC, RUBBER, GLASS, CERAMIC, AND METAL SR-W027-773A-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D019, D022, D027, D028, D029, D043, F002, F003, F004, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 2817.4	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR: This waste stream is defense related contact handled mixed TRU waste. This waste stream is primarily solids consisting of booties, lab coats, floor sweeping, labware, rags, other job control waste, small HEPAs liquids, sludges and resins may also be found in this waste. Waste Stream Name: Heterogeneous Debris from 773A.			

WR 25 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM PLUTONIUM PRODUCTION OPERATIONS SR-W027-HBL-BOX			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D007, D008, D009, D011, D019, D022, D029, D043, F002, F005, U133			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 508.4	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: This waste stream has been separated from its parent waste stream SR-W027-HBL-Box because a small fraction of the parent waste stream contains sensitive waste. Waste Stream SR-W027-HBL-Box-A contains no sensitive waste. This waste stream is defense related debris consisting of large equipment and job control waste packaged in large steel boxes. Waste Stream Name: Heterogeneous Debris from the HBL.			

WR 26 Waste			
<u>A. Waste Description</u> RADIOACTIVE DEBRIS FROM PLUTONIUM PRODUCTION. PROFILE SR-W026-221F-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D007, D008, D009, D022, D028, D029, D006, F001, F002, F003, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 34.4	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris. Description from the TWBIR: W026--221F-HET: This waste is primarily solids consisting of mainly booties, lab coats, floor sweepings, rags, labware, and other job control wastes. Post 1990 Heterogeneous Waste from FB line.			

WR 27 Waste			
<u>A. Waste Description</u> RADIOACTIVE DEBRIS AND ABSORBED LIQUIDS FROM LABORATORY OPERATIONS. PROFILE SR-W027-FB-PRE86-C			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D006, D007, D008, D009, D011, D018, D019, D022, D029, D039, D040, D043, F001, F002, F003, F005, U002, U151			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 989.6	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Combustible Waste. Description from the ATWIR: This waste stream is primarily solids consisting of booties, lab coats, floor sweeping, labware, rags, and other job control waste. Small HEPA filters, sludges, resins, absorbed liquids, and metal equipment is also present in the waste stream. Waste Stream Name: Pre-1986 Waste from FB-Line.			

WR 28 Waste			
<u>A. Waste Description</u> HETEROGENEOUS ORGANIC AND INORGANIC DEBRIS. ORGANIC: PLASTIC, GLASS PAPER, RUBBER, RAGS, NEUTRALIZATION KITS. INORGANIC: METAL COMPONENTS, HARDWARE, FITTINGS, SCRAP, RADIOACTIVE STANDARD SOLUTIONS. PROFILE SR-W027-221H-HET-C			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D007, D008, D009, D011			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 1438.1	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: This waste stream is primarily solids consisting of booties, lab coats, floor sweeping, labware, rags, and other job control waste. Small HEPA filters, sludges, resins, absorbed liquids, and large metal equipment are also in these waste streams. Waste Stream Name: Heterogeneous Debris From H-Canyon HB-line.			

WR 29 Waste			
<u>A. Waste Description</u> SOLIDIFIED PLUTONIUM RECOVERY INCINERATOR WASTE INCLUDING ASH, SOOT, AND SLUDGE IMMOBILIZED IN CEMENT. GENERATOR STREAM BN222			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, F005, F006, F007, F009			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W303	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 5306.14	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Waste Stream Name: Solidified Plutonium Recovery Incinerator Waste Inorganics. Description from the WTWBIR: The miscellaneous cemented waste is comprised of solidified homogeneous solid wastes generated from the Rocky RF plutonium recovery operations. The BN222 miscellaneous cemented waste incorporates IDCs RF-292, RF-807b/696, RF-818, and RF-820 and consists of waste >50% by volume solidified homogeneous solids, i.e., particulate or sludge waste immobilized with cement and cured into a solidified form.			

WR 30 Waste			
<u>A. Waste Description</u> NEUTRALIZED, SOLIDIFIED ACIDIC AND CAUSTIC WASTE FROM PLUTONIUM RECOVERY OPERATIONS. GENERATOR STREAM BN835			
<u>B. EPA Hazardous Waste Code(s)</u> D007, D008, D009, F001, F002			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 5231.85	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Inorganics Waste Stream Name: Solidified Acid/Caustic Waste. Description from the WTWBIR: This waste comes from Mound. It consists of acid liquids, mainly nitric, adsorbed onto a clay called Florco (aluminwn, magnesiwn, iron silicate clay). The waste also consists of caustic waste and neutralized liquids, absorbed onto a clay called Florco. The Florco is then placed in a drum bag in a drum lined with a 90-mil poly liner. See note. Note. The description in the WTWBIR is not entirely correct with respect to the absorbents used in this waste stream. Vermiculite and clay mixed with diatomaceous earth were also used as absorbents.			

WR 31 Waste			
<u>A. Waste Description</u> LIQUIDS (SHOWER WATER, DECONTAMINATION WATER, COOLING WATER, ACIDS AND CAUSTICS) FROM PLUTONIUM RECOVERY OPERATIONS SOLIDIFIED IN PORTLAND CEMENT. GENERATOR STREAM BN836			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W504	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 4447.5	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group Solidified Inorganics S3000. Waste Stream Name Cemented Sludge. Description from the WTWBIR: This waste, generated at the Mound Plant, consists of shower water, decontamination water, cooling water, and some acids and caustics which have been solidified in Portland cement.			

WR 32 Waste			
A. Waste Description CEMENTED HOMOGENEOUS ACIDIC AND CAUSTIC WASTE FROM LIQUID WASTE TREATMENT FACILITY. GENERATOR STREAM LA-CIN02.001			
B. EPA Hazardous Waste Code(s) D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, F005			
C. State Hazardous Waste Code(s)			
D. EPA ID number NM0890010515	E. Form Code W319	F. Management Code H132	
G. Quantity 1825.0	UOM (3) KILOGRAMS	Density	Density UOM
Comments Waste Matrix Code Group: S3000 Solidified Inorganics. Description from the TWBIR: Solidified (through cementation) caustic aqueous waste from TA-55. The sludge is a residue from numerous treatment and filtration operations involving aqueous liquid radioactive waste. Waste Stream Name: Cemented Homogeneous Inorganic Solids from the TA-50, Radioactive Liquid Waste Treatment Facility.			

WR 33 Waste			
A. Waste Description HETEROGENEOUS DEBRIS FROM D&D OPERATIONS (METALS, PLASTICS, CELLULOSICS, AND LIQUIDS ABSORBED WITH CLAY OR PORTLAND CEMENT). GENERATOR STREAM SR-SDD-HET-A			
B. EPA Hazardous Waste Code(s) D005, D006, D007, D008, D009, D010, D011, D004			
C. State Hazardous Waste Code(s)			
D. EPA ID number SC1890008989	E. Form Code W002	F. Management Code H132	
G. Quantity 290.5	UOM (3) KILOGRAMS	Density	Density UOM
Comments Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR: CH TRU Heterogeneous debris from the D&D of the 211-F Area. Waste Stream Name: Site Deactivation and Decommissioning Debris Waste. Generated during site deactivation and decommissioning of the 211-3F Truck Shed and the 800-series underground tank facility in the Building 211-F manufacturing process/product system also referred to as the Building 211-F tank system.			

WR 34 Waste			
A. Waste Description SOLIDIFIED INORGANIC SLUDGE FROM D&D OPERATIONS WITH MINOR AMOUNTS OF METAL AND PLASTIC DEBRIS. GENERATOR STREAM SR-SDD-HOM-B			
B. EPA Hazardous Waste Code(s) D004, D005, D006, D007, D008, D009, D010, D011			
C. State Hazardous Waste Code(s)			
D. EPA ID number SC1890008989	E. Form Code W319	F. Management Code H132	
G. Quantity 162.5	UOM (3) KILOGRAMS	Density	Density UOM
Comments Waste Matrix Code Group: S3000 Solidified Inorganics. Description from the ATWIR: Absorbed sludge packaged in 55-gallon drums. Waste Stream Name: Site Deactivation and Decommissioning Absorbed Inorganic Sludge.			

WR 35 Waste			
A. Waste Description FILTER DEBRIS FROM PLUTONIUM FILTRATION CONSISTING OF HEPA FILTERS, PRE-FILTERS, PLASTIC, TAPE, PAPER, AND METAL. GENERATOR STREAM SR-W026-221F-HEPA			
B. EPA Hazardous Waste Code(s) D005, D007, D009, D011, D019, D022, D028, D029, D043, F002, F005			
C. State Hazardous Waste Code(s)			
D. EPA ID number SC1890008989	E. Form Code W310	F. Management Code H132	
G. Quantity 40.9	UOM (3) KILOGRAMS	Density	Density UOM
Comments Waste Matrix Code Group: S5000 Filters. Description from the TWBIR: HEPA Filters in Filtered Polyethylene Boxes. Waste Stream Name: HEPA Filter Debris From Building 221.			

WR 36 Waste			
A. Waste Description HETEROGENEOUS COMBUSTIBLE DEBRIS FROM LABORATORY OPERATIONS (PAPER, CLOTH, CLOTHING, WOOD, PLASTIC, AND GLASS). GENERATOR STREAM SR-W026-772F-HET			
B. EPA Hazardous Waste Code(s) D004, D005, D006, D007, D008, D009, D010, D011, D019, D022, D028, D029, F002, F003, F005			
C. State Hazardous Waste Code(s)			
D. EPA ID number SC1890008989	E. Form Code W002	F. Management Code H132	
G. Quantity 878.8	UOM (3) KILOGRAMS	Density	Density UOM
Comments Waste Matrix Code Group: S5000 Combustible Waste. Description from the ATWIR: Combined waste from former W027-772F-HET and T001-772FHET. This waste stream is defense related, contact handled TRU waste and is composed of Job Control waste, sludges and resins, HEPA filters and metal equipment. Waste Stream Name: CLAB Combustible Debris Waste.			

WR 37 Waste			
A. Waste Description HETEROGENEOUS DEBRIS FROM LABORATORY OPERATIONS CONSISTING OF PLASTIC, LABWARE, PPE, WIPES, RAGS, PAPER, AND TOOLS. GENERATOR STREAM SR-W027-221F-HET-A			
B. EPA Hazardous Waste Code(s) D006, D008, D009, F001, F002, F005			
C. State Hazardous Waste Code(s)			
D. EPA ID number SC1890008989	E. Form Code W002	F. Management Code H132	
G. Quantity 124.6	UOM (3) KILOGRAMS	Density	Density UOM
Comments Waste Matrix Code Group : S5000 Waste Stream Heterogenous debris. Contact handled Mixed Transuranic Debris Waste from FB-Line. Description from the TWBIR: Defense related, contact handled transuranic debris waste. Heterogeneous Process Waste (NMIIR SR-W027).			

WR 38 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM PLUTONIUM OPERATIONS (PLASTIC, PAPER, METAL PPE, GLASS) . GENERATOR STREAM SR-W027-235F-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 756.1	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR: This waste stream is defense related contact handled mixed TRU waste. This waste stream is primarily solids consisting of booties, lab coats, floor sweeping, labware, rags, and other job control waste, small HEPAs, liquids, sludges and resins may also be found in this stream. Waste Stream Name: Heterogeneous Debris from Building 235-F.			

WR 39 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM THE SUBSURFACE DISPOSAL AREA HETEROGENEOUS DEBRIS WASTE IN-BN-ID-SDA-DEBRIS			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, D027, D028, D029, D030, D032, D033, D034, D037, D038, D043, F001, F002, F004, F005, F006, F007, F008, F009, P098, P106			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 118265.09	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR Pre-1970 buried waste retrieved for the Idaho Cleanup Project. Waste Stream Name: Heterogeneous Debris from the Subsurface Disposal Area.			

WR 40 Waste			
<u>A. Waste Description</u> HOMOGENEOUS SOLIDS FROM THE SUBSURFACE DISPOSAL AREA AT IDAHO NATIONAL LABORATORY SOLIDIFIED ORGANICS IN-BN-ID-SDA-SLUDGE			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D022, D027, D028, D029, D030, D032, D033, D034, D037, D038, D043, F001, F002, F004, F005, F006, F007, F009, P098, P106			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W609	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 984850.81	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Organics. Waste Stream Name: Homogeneous Solids from the Subsurface Disposal Area at Idaho National Laboratory. Materials include aluminum-based metals/alloys, cellulosic, cotton filter media, leather, wood, cloth, paper, etc.			

WR 41 Waste			
<u>A. Waste Description</u> SOIL/GRAVEL FROM THE SUBSURFACE DISPOSAL AREA SOIL IN-BN-ID-SDA-SOIL			
<u>B. EPA Hazardous Waste Code(s)</u> D005, D006, D007, D008, D009, D010, D011, D022, D027, D028, D029, D030, D032, D004, D033, D034, D037, D038, D043, F001, F002, F004, F005, F006, F007, F009, P098, P106			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> ID4890008952	<u>E. Form Code</u> W301	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 97600.32	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S4000 Soil. Description from the ATWIR Pre-1970 buried waste retrieved for the Idaho Cleanup Project. Waste Stream Name: Soil/Gravel from the Subsurface Disposal Area.			

WR 42 Waste			
<u>A. Waste Description</u> S3000 - HOMOGENEOUS SOLID WASTE AND SOLIDIFIED ORGANICS THIS WASTE STREAM CONSISTS OF DRUMS CLASSIFIED AS HOMOGENEOUS SOLIDS; PREDOMINATELY SOLIDIFIED INORGANICS WITH A SMALL PERCENTAGE OF SOLIDIFIED ORGANICS LL-W019-S3900-002			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D019, D022, D028, D029, F001, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> CA2890012584	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 3445.8	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Inorganics and Solidified Organics. Description from the ATWIR: This waste stream consists of drums classified as homogeneous solids; predominately solidified inorganics with a small percentage of solidified organics. This material consists of radioactively contaminated liquids that have been solidified in small containers using Portland cement, Absorbal, Floor Dry, Aquaset, and Aquaset II for aqueous liquids.			

WR 43 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS FROM THE ORNL GENERAL RESEARCH AND DEVELOPMENT CH TRU WASTE OR-GENR-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D006, D007, D008, D009, D010, D011, D019, D022, D028, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 804.3	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Waste consists of CH-TRU debris from general R&D at ORNL. Waste Stream Name: Heterogeneous Debris from the ORNL General Research and Development CH TRU Waste.			

WR 44 Waste			
<u>A. Waste Description</u> WASTE CONSISTS OF CH-TRU DEBRIS FROM ORNL LIQUIDS WASTE SYSTEM. HETEROGENEOUS DEBRIS WASTE OR-LWT-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D007, D008, D009, D010, D006			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 95.2	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group:S5000 Heterogeneous Debris Waste. Description from the ATWIR1: Waste consists of CH-TRU debris from ORNL liquids waste system. Waste is comprised primarily of organic and inorganic debris waste items including iron based metals, aluminum metal, other metals (alkaline batteries etc), Other inorganic matter (Solid-a-sorb), Cellulosic items, plastic, rubber, etc. Contamination with U-238 and Pu-239.			

WR 45 Waste			
<u>A. Waste Description</u> HETEROGENEOUS DEBRIS WASTE FROM NEW BRUNSWICK LABORATORY OR-NBL-CH-HET			
<u>B. EPA Hazardous Waste Code(s)</u> D004, D005, D007, D008, D009, D011, D022, F002, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 494.7	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the TWBIR: Waste consists of CH-TRU debris from NBL. Waste Stream Name: Heterogeneous Debris Waste from New Brunswick Laboratory.			

WR 46 Waste			
<u>A. Waste Description</u> IMMOBILIZED LIQUIDS AND FINES FROM NFS. SOLIDIFIED INORGANICS. S3000 - HOMOGENEOUS SOLIDS. OR-NFS-CH-HOM-A			
<u>B. EPA Hazardous Waste Code(s)</u> D006, D009			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> TN1890090003	<u>E. Form Code</u> W319	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 724.7	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S3000 Solidified Inorganics. Description from the ATWIR: Waste consists of homogeneous waste from NFS. Waste Stream Name: Immobilized Liquids and Fines from NFS. Waste is comprised of respirable fines that have been immobilized with Portland cement and water in 2-liter high-density polyethylene (HDPE) bottles and dry absorbent (e.g., RADSORB or vermiculite) was added to the top of the cured waste.			

WR 47 Waste			
<u>A. Waste Description</u> CONTAMINATED CLEAN-UP DEBRIS FROM THE SOLID WASTE MANAGEMENT FACILITY HETEROGENEOUS DEBRIS WASTE SR-SWMF-HET-B			
<u>B. EPA Hazardous Waste Code(s)</u> U133, D004, D005, D006, D007, D008, D009, D010, D011, D019, D022, D027, D028, D029, D043, F002, F004, F005			
<u>C. State Hazardous Waste Code(s)</u>			
<u>D. EPA ID number</u> SC1890008989	<u>E. Form Code</u> W002	<u>F. Management Code</u> H132	
<u>G. Quantity</u> 113.4	<u>UOM</u> (3) KILOGRAMS	<u>Density</u>	<u>Density UOM</u>
<u>Comments</u> Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR: Solid Waste Management Facility debris resulting from spill cleanup activities. Waste Stream Name: Contaminated Clean-Up Debris from the Solid Waste Management Facility. Waste is comprised of job control waste including bag filters from solvent tank closure and concrete from cleanup and remediation of spills in and around the burial grounds associated with Pad 2 at SRS in Aiken, South Carolina.			

WR 48 WasteA. Waste Description

HETEROGENEOUS DEBRIS FROM F-CANYON AND FB-LINE FACILITIES SR-W026-221F-HET-A

B. EPA Hazardous Waste Code(s)

D007, D006, D008, D009, D011, D019, D022, D028, D029, F002, F005

C. State Hazardous Waste Code(s)D. EPA ID number

SC1890008989

E. Form Code

W002

F. Management Code

H132

G. Quantity

657.6

UOM

(3) KILOGRAMS

DensityDensity UOMComments

Waste Matrix Code Group: S5000 Heterogeneous Debris Waste. Description from the ATWIR: 200 Areas (F Separations Facilities). The waste consists of repackaged silver impregnated ceramic saddles removed from the F-Canyon dissolver off-gas system and secondary debris waste generated during the repackaging of the saddles. The waste stream also includes debris from the Mechanical Line generated with the ceramic saddles. Waste Stream Name: Heterogeneous Debris from F-Canyon and FB-Line Facilities.

WR 49 WasteA. Waste Description

HOMOGENEOUS WASTE FROM F-CANYON AND FB-LINE FACILITIES. SOLIDIFIED INORGANICS. SR-W026-221F-HOM

B. EPA Hazardous Waste Code(s)

D005, D006, D007, D008, D009, D011, D019, D022, D028, D029, D043, F002, F004, F005, U151

C. State Hazardous Waste Code(s)D. EPA ID number

SC1890008989

E. Form Code

W319

F. Management Code

H132

G. Quantity

38.9

UOM

(3) KILOGRAMS

DensityDensity UOMComments

Waste Matrix Code Group: S3000 Solidified Inorganics. Description from the ATWIR: Absorbed oil, neutralized acids / bases and water. Waste Stream Name: Homogeneous waste from F-Canyon and FB-Line Facilities.

Section D

**Off-Site Identification (OI) Forms (Total 2
Pages, Excluding Cover Sheet)**

Cycle	Site Name	Site ID
2023	U.S. DOE WASTE ISOLATION PILOT PLANT	NM4890139088

OI 1 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> COD980591184		
<u>B. Name of Off-site Installation or Transporter</u> VEOLIA ES TECHNICAL SOLUTIONS LLC		
<u>C. Handler Type(s)</u> Transporter, Receiving Facility		
<u>D. Address of Off-site Installation</u> 9131 E 96TH AVE		
<u>City, Town, or Village</u> HENDERSON		
<u>State</u> CO	<u>Zip Code</u> 80640	<u>Country</u> UNITED STATES
<u>Comments</u>		

OI 2 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> ID4890008952		
<u>B. Name of Off-site Installation or Transporter</u> US DOE INL LAB		
<u>C. Handler Type(s)</u> Generator		
<u>D. Address of Off-site Installation</u> INL RESERVATION		
<u>City, Town, or Village</u> SCOVILLE		
<u>State</u> ID	<u>Zip Code</u> 83404	<u>Country</u> UNITED STATES
<u>Comments</u>		

OI 3 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> IL3890008946		
<u>B. Name of Off-site Installation or Transporter</u> ARGONNE NATIONAL LABORATORY		
<u>C. Handler Type(s)</u> Generator		
<u>D. Address of Off-site Installation</u> 9700 S CASS AVE BLDG 306		
<u>City, Town, or Village</u> ARGONNE		
<u>State</u> IL	<u>Zip Code</u> 60439	<u>Country</u> UNITED STATES
<u>Comments</u>		

OI 4 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> NM0890010515		
<u>B. Name of Off-site Installation or Transporter</u> LOS ALAMOS NATIONAL LABORATORY		
<u>C. Handler Type(s)</u> Generator		
<u>D. Address of Off-site Installation</u> BIKINI ATOLL ROAD, SM-30		
<u>City, Town, or Village</u> LOS ALAMOS		
<u>State</u> NM	<u>Zip Code</u> 87545	<u>Country</u> UNITED STATES
<u>Comments</u>		

OI 5 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> TN1890090003		
<u>B. Name of Off-site Installation or Transporter</u> U.S. DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY		
<u>C. Handler Type(s)</u> Generator		
<u>D. Address of Off-site Installation</u> 1 BETHEL VALLEY ROAD		
<u>City, Town, or Village</u> OAK RIDGE		
<u>State</u> TN	<u>Zip Code</u> 37830	<u>Country</u> UNITED STATES
<u>Comments</u>		

OI 6 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> SC1890008989		
<u>B. Name of Off-site Installation or Transporter</u> SAVANNAH RIVER SITE		
<u>C. Handler Type(s)</u> Generator		
<u>D. Address of Off-site Installation</u> HWY 125		
<u>City, Town, or Village</u> JACKSON		
<u>State</u> SC	<u>Zip Code</u> 29831	<u>Country</u> UNITED STATES
<u>Comments</u>		
OI 7 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> CA2890012584		
<u>B. Name of Off-site Installation or Transporter</u> LAWRENCE LIVERMORE NATIONAL LABORATORY		
<u>C. Handler Type(s)</u> Generator		
<u>D. Address of Off-site Installation</u> 7000 EAST AVENUE		
<u>City, Town, or Village</u> LIVERMORE		
<u>State</u> CA	<u>Zip Code</u> 94550-0000	<u>Country</u> UNITED STATES
<u>Comments</u>		
OI 8 Site		
<u>A. EPA ID Number of Off-site Installation or Transporter</u> TXD988088464		
<u>B. Name of Off-site Installation or Transporter</u> WASTE CONTROL SPECIALISTS		
<u>C. Handler Type(s)</u> Transporter, Receiving Facility		
<u>D. Address of Off-site Installation</u> 9998 W STATE HIGHWAY 176		
<u>City, Town, or Village</u> ANDREWS		
<u>State</u> TX	<u>Zip Code</u> 79714-9100	<u>Country</u> UNITED STATES
<u>Comments</u>		