

HWMA/RCRA STORAGE and TREATMENT PERMIT

for the

MATERIALS AND FUELS COMPLEX (MFC)

ATTACHMENT 1 – FACILITY DESCRIPTION

EPA Part A Permit Application

EFFECTIVE DATE: OCTOBER 1, 2015

REVISED DATE: MAY 11, 2022

**United States Environmental Protection Agency
RCRA SUBTITLE C SITE IDENTIFICATION FORM**

**1. Reason for Submittal** (select only one)

<input type="checkbox"/>	Obtaining or updating an EPA ID number for on-going regulated activities that will continue for a period of time.
<input type="checkbox"/>	Submitting as a component of the Hazardous Waste Report for _____ (Reporting Year).
<input type="checkbox"/>	Site was a TSD facility, a reverse distributor, and/or generator of >1,000 kg of hazardous waste, >1 kg of non 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)
<input type="checkbox"/>	Notifying that regulated activity no longer occurring at this site.
<input type="checkbox"/>	Obtaining or updating an EPA ID number for conducting Electronic manifest Broker activities
<input checked="" type="checkbox"/>	Submitting a new or revised Part A Form (Revision Date: May 11, 2022)

2. Site EPA ID Number

ID4890008952

3. Site Name

Idaho National Laboratory — Materials and Fuels Complex Permit

4. Site Location Address**Street Address:****City, Town, or Village:** Scoville**County:** Bingham**State:** Idaho**Country:**
USA**Zip Code:** 83415**5. Site Mailing Address****Street or P. O. Box:** 1955 Fremont Avenue**City, Town, or Village:** Idaho Falls**State:** Idaho**Country:**
USA**Zip Code:** 83415**6. Site Land Type**
 Private
 County
 District
 Federal
 Tribal
 Municipal
 State
 Other
7. North American Industry Classification System (NAICS) Code(s) for the Site (at least 5-digit codes)**A.** 924110**B.** 541712**C.** 336992**D.** Not Applicable

8. Site Contact Information

Same as Location Address

First Name Nicole	MI K	Last Name Hernandez
Title Director, Environment & Sustainability Division		
Street Address 1955 Fremont Avenue		
City, Town, or Village Idaho Falls		
State Idaho	Country USA	Zip Code 83415
Email hernannk@id.doe.gov		
Phone (208) 526-8949	Ext. N/A	Fax 208-526-5678

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner:

Same as Location Address

Full Name Department of Energy — Idaho	Date Became Owner (mm/dd/yyyy) 02/01/2005	
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		
Street Address 1955 Fremont Avenue		
City, Town, or Village Idaho Falls		Phone: (208) 526-8949
State: Idaho	Country: USA	Zip Code: 83415
Email: hernannk@id.doe.gov		
Phone (208) 526-8949	Ext N/A	Fax (208) 526-5678
Comments		

B. Name of Site's Legal Operator

Same as Location Address

Full Name Battelle Energy Alliance, LLC	Date Became Operator (mm/dd/yyyy) 02/01/2005	
Operator 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		
Street Address 1955 Fremont Avenue		
City, Town, or Village Idaho Falls		
State Idaho	Country USA	Zip Code: 83415
Email: carolyn.mascarenas@inl.gov		
Phone (208) 526-0633	Ext N/A	Fax (208) 526-3149
Comments		

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

<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1. Generator of Hazardous Waste - If "Yes", mark only one of the following - a, b, or c	
<input checked="" type="checkbox"/>	a. LQG	-Generates, in any calendar month 1,000 kg/mo (2,200 lb/mo) or more of non-acute hazardous waste (includes quantities imported by importer site); or - Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lb/mo) of acute hazardous waste; or - Generates, in any calendar month or accumulates at any time, more than 100 kg/mo (220 lb/mo) of acute hazardous spill cleanup material.
<input type="checkbox"/>	b.SQG	100 to 1,000 kg/mo (220-2,200 lb/mo) of non-acute hazardous waste and no more than 1 kg (2.2 lb) of acute hazardous waste and no more than 100 kg (220 lb) of any acute hazardous spill cleanup material.
<input type="checkbox"/>	c. VSQG	Less than or equal to 100 kg/mo (220 lb/mo) of non-acute hazardous waste.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2. Short-Term Generator (generates from a short term or one-time event and not from on-going processes). If "Yes," provide an explanation in the Comments section. Note: If "Yes", you MUST indicate that you are a Generator of Hazardous Waste in Item 10.A.1 above.	
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3. Treater, Storer, or Disposer of Hazardous Waste - Note: Part B of a hazardous waste permit is required for these activities.	
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	4. Receives Hazardous Waste from Off-site	
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	5. Recycler of Hazardous Waste	
<input type="checkbox"/>	a.	Recycler who stores prior to recycling
<input type="checkbox"/>	b.	Recycler who does not store prior to recycling
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	6. Exempt Boiler and/or Industrial Furnace - If "Yes", mark all that apply.	
<input type="checkbox"/>	a.	Small Quantity On-site Burner Exemption
<input type="checkbox"/>	b.	Smelting, Melting, and Refining Furnace Exemption

B. 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.

See Item 18. Comments (page 6 of 6) and see Attached Form OMB# 2050-0024, Item 7. Description of Hazardous Wastes, additional pages.

C.Waste Codes for State Regulated (non-Federal) Hazardous Wastes. Please list the waste codes of the State 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.

Same as Item 10.B. See Item 18. Comments (page 6 of 6).

11. Additional Regulated Waste Activities (NOTE: Refer to your State regulations to determine if a separate permit is required.)

A. Other Waste Activities

<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1. Transporter of Hazardous Waste - If "Yes", mark all that apply.
	<input checked="" type="checkbox"/> a. Transporter
	<input type="checkbox"/> b. Transfer Facility (at your site)
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2. Underground Injection Control
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	3. United States Importer of Hazardous Waste
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	4. Recognized Trader - If "Yes", mark all that apply.
	<input type="checkbox"/> a. Importer
	<input type="checkbox"/> b. Exporter
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	5. Importer/Exporter of Spent Lead-Acid Batteries (SLABs) under 40 CFR 266 Subpart G - If "Yes", mark all that apply.
	<input type="checkbox"/> a. Importer
	<input type="checkbox"/> b. Exporter

B. Universal Waste Activities

<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) - If "Yes", mark all that apply. Note: Refer to your State regulations to determine what is regulated.
	<input checked="" type="checkbox"/> a. Batteries
	<input checked="" type="checkbox"/> b. Pesticides
	<input checked="" type="checkbox"/> c. Mercury containing equipment
	<input checked="" type="checkbox"/> d. Lamps
	<input checked="" type="checkbox"/> e. Aerosol Cans
	<input type="checkbox"/> f. Other (specify) _____
	<input type="checkbox"/> g. Other (specify) _____
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2. Destination Facility for Universal Waste Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1. Used Oil Transporter - If "Yes", mark all that apply.
	<input type="checkbox"/> a. Transporter
	<input type="checkbox"/> b. Transfer Facility (at your site)
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2. Used Oil Processor and/or Re-refiner - If "Yes", mark all that apply.
	<input type="checkbox"/> a. Processor
	<input type="checkbox"/> b. Re-refiner
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	3. Off-Specification Used Oil Burner
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	4. Used Oil Fuel Marketer - If "Yes", mark all that apply.
	<input type="checkbox"/> a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
	<input type="checkbox"/> b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Pharmaceutical Activities

<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1. Operating under 40 CFR Part 266, Subpart P for the management of hazardous waste pharmaceuticals—if “Yes”, mark only one. Note: See the item-by-item instructions for definitions of healthcare facility and reverse distributor.
	<input checked="" type="checkbox"/> a. Healthcare Facility
	<input type="checkbox"/> b. Reverse Distributor
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2. Withdrawing from operating under 40 CFR Part 266, Subpart P for the management of hazardous waste pharmaceuticals. Note: You may only withdraw if you are a healthcare facility that is a VSQG for all of your hazardous waste, including hazardous waste pharmaceuticals.

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

<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	A. Opting into or currently operating under 40 CFR Part 262, Subpart K for the management of hazardous wastes in laboratories— If “Yes”, mark all that apply. Note: See the item-by-item instructions for definitions of types of eligible academic entities.
	<input type="checkbox"/> 1. College or University
	<input type="checkbox"/> 2. Teaching Hospital that is owned by or has a formal written affiliation with a college or university
	<input type="checkbox"/> 3. Non-profit Institute that is owned by or has a formal written affiliation with a college or university
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	B. Withdrawing from 40 CFR Part 262, Subpart K for the management of hazardous wastes in laboratories.

13. Episodic Generation

<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	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. If “Yes”, you must fill out the Addendum for Episodic Generator.
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14. LQG Consolidation of VSQG Hazardous Waste

<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Are you an LQG notifying of consolidating VSQG Hazardous Waste Under the Control of the Same Person pursuant to 40 CFR 262.17(f)? If “Yes”, you must fill out the Addendum for LQG Consolidation of VSQG hazardous waste.
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15. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) OR Entire Facility (required)

<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	LQG Site Closure of a Central Accumulation Area (CAA) or Entire Facility.
	A. <input type="checkbox"/> Central Accumulation Area (CAA) or <input type="checkbox"/> Entire Facility
	B. Expected closure date: _____ mm/dd/yyyy
	C. Requesting new closure date: _____ mm/dd/yyyy
	D. Date closed: _____ mm/dd/yyyy
	<input type="checkbox"/> 1. In compliance with the closure performance standards 40 CFR 262.17(a)(8)
	<input type="checkbox"/> 2. Not in compliance with the closure performance standards 40 CFR 262.17(a)(8)

16. Notification of Hazardous Secondary Material (HSM) Activity

<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), (25), or (27)? If “Yes”, you must fill out the Addendum to the Site Identification Form for Managing Hazardous Secondary Material.
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17. Electronic Manifest Broker

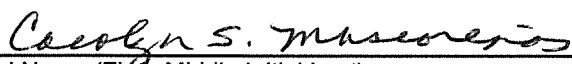
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Are you notifying as a person, as defined in 40 CFR 260.10, electing to use the EPA electronic manifest system to obtain, complete, and transmit an electronic manifest under a contractual relationship with a hazardous waste generator?
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18. Comments (include item number for each comment)

For 10(B) and 10(C), see attached Form OMB#: 2050-0024, Item 7 Supplement page(s) 2c of 2 thru 2p of 2

19. 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 fines and imprisonment for knowing violations. **Note: 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 legal owner, operator or authorized representative 	Date (mm/dd/yyyy) 5/12/2022
Printed Name (First, Middle Initial Last) Robert D Boston	Title Manager, DOE Idaho Operations Office
Email bostonrd@id.doe.gov	

Signature of legal owner, operator or authorized representative 	Date (mm/dd/yyyy) 05/09/2022
Printed Name (First, Middle Initial Last) Carolyn S. Mascareñas	Title Director ESH&Q, Battelle Energy Alliance, LLC
Email Carolyn.Mascareñas@inl.gov	

United States Environmental Protection Agency
HAZARDOUS WASTE PERMIT INFORMATION FORM

1. Facility Permit Contact

First Name: Nicole	MI K	Last Name: Hernandez
Contact Title: Director, Environment & Sustainability Division		
Email hernannk@id.doe.gov		
Phone 208-526-8949	Ext N/A	Fax 208-526-5678

2. Facility Permit Contact Mailing Address

Street Address 1955 Fremont Avenue		
City, Town, or Village Idaho Falls		
State Idaho	Country USA	Zip Code: 83415

3. Facility Existence Date (mm/dd/yyyy)

February 1965

4. Other Environmental Permits

A. Permit Type	B. Permit Number											C. Description	
R	I	D	4	8	9	0	0	0	8	9	5	2	Final HWMA Permit for the INL MFC Facilities
P	P	T	C	P	2	0	0	8	0	0	7	3	Building 765 Fuel Conditioning Facility (FCF)
P	P	T	C	-	0	1	1	0	0	0	2	2	Building 753 Plant Services Paint Spray Booth
P, E, U													See Item 4 Supplement, Page 1a of 2 for additional permits

5. Nature of Business

In operation since 1949, INL is a science-based, applied engineering national laboratory dedicated to supporting the United States Department of Energy's missions in nuclear and energy research, science, and national defense.

The Materials and Fuels Complex performs a variety of research, development, demonstration, and deployment activities to expand the knowledge-base and capabilities of nuclear fuels, reactors, and associated components. In addition, research associated with energy, environment, and homeland security functions is also conducted. These activities require capabilities to store and treat both hazardous and mixed wastes.

INL HWMA/RCRA FINAL PERMIT, EPA NO. ID4890008952		
MFC Permit, Doc. No. PER-116		
Part A Form Supplement		
ITEM 4. OTHER ENVIRONMENTAL PERMITS		
AIR PERMITS		
Area	Type and Number	Description
Idaho National Laboratory	P, P-2020.0045	INL Sitewide Permit to Construct and Facility Emission Cap
WATER PERMITS		
Area	Type and Number	Description
Idaho National Laboratory	U, State of Idaho Monitoring Well Permits	INL monitoring well permit applications are sent annually to the Idaho Department of Water Resources (IDWR) for wells (greater than 18 ft deep) to be constructed in the current calendar year. Permits are authorized by agreement between the DOE-ID and the IDWR
Materials and Fuels Complex	E, I-160-02, Mod 3	Industrial Wastewater Reuse Permit INL Materials and Fuels Complex (MFC) Industrial Waste Pond (IWP).
Advanced Test Reactor Complex	E, I-161-03	Industrial Wastewater Reuse Permit INL Advanced Test Reactor Complex (ATR Complex Cold Waste Ponds)
Idaho National Laboratory	E	INL operates under a Federal Reserved Water Right for groundwater use

6. Process Codes and Design Capacities

Line Number	A. Process Code			B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	D. Unit Name	
				(1) Amount	(2) Unit of Measure			
0	1	S	0	1	259,365.000	G	007	See pages 2a thru 2b of 2, Supplements to Item 6. Process Codes and Design Capacities
0	2	S	0	2	390.000	G	002	
0	3	T	0	1	1,188.00	U	002	
0	4	S	9	9	53,000.00	G	001	
0	5	T	0	4	1,320.00	U	003	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line Number	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes													
				(1) Process Codes					(2) Process Description (if code is not entered in 7.D(1))								
0	1	SEE ITEM 11. COMMENTS, BELOW															

8. Map

Attach to this application a topographical map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all spring, rivers, and other surface water bodies in this map area. See Instructions for precise requirements.

9. Facility Drawing

All existing facilities must include a scale drawing of the facility. See instructions for more detail.

10. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment, and disposal areas; and sites of future storage, treatment, or disposal areas. See instructions for more detail.

11. Comments

Item 7: Supplement to Item 7, Description of Hazardous Wastes [Pages 2(c) through 2(u) of 2 of this Part A Permit Application]
Item 8: Topographical maps of the MFC site extending to at least one mile beyond property boundaries are provided in this Permit Application, Section B, Facility Description.
Item 9: Drawings of the facility listed in the Part A Application are provided in this Permit Application, Section B, Facility Description.
Item 10: Photographs showing the facility's storage, and treatment areas is provided in this Permit Application, Section B, Facility Description.

INL HWMA/RCRA FINAL PERMIT, EPA NO. ID4890008952 MFC Permit, Doc. No. PER-116				
Part A Form Supplement				
ITEM-6 PROCESS CODES AND DESIGN CAPACITIES SUPPLEMENT				
Line Number	Process Code	Process Description	Process Design Capacity	Process Unit Capacity
Item # 6 Line # 1	S01	Container Storage	259,365 gallons (total all units)	HFEF Container Storage Building 785 10,725 gallons ¹ SCMS Container Storage Building 793 7,040 gallons ¹ Building 793C 14,080 gallons ¹ Building 793G 3,520 gallons ¹ SSB Container Storage Building 703 48,000 gallons ¹ RSWF Staging/Storage Area 333 m ³ (88,000 gal) ¹ North Fenced Area 333 m ³ (88,000 gal) ¹
Item # 6 Line # 2	S02	Tank Storage	390 gallons (total all units)	SCMS Tank Storage Water Wash Vessel 90 gallons ² Scrubber Water Tank 300 gallons ²
Item # 6 Line # 3	T01	Tank Treatment	1,188 gallons (total all units)	SCMS Tank Treatment Water Wash Vessel 156 gallons/day ³ Scrubber Water Tank 1,032 gallons/day ⁴
Item # 6 Line # 4	S99	Miscellaneous Unit Storage	53,000 gallons	RSWF Miscellaneous Unit Storage Building 771 53,000 gallons ¹
Item # 6 Line # 5	T04	Container Treatment	1,320 gallons (total all units)	HFEF Container Treatment 440 gallons/day ⁵ SCMS Container Treatment Building 793 440 gallons/day ⁵ Building 793C 440 gallons/day ⁵

ITEM-6 PROCESS CODES AND DESIGN CAPACITIES SUPPLEMENT

1 Total volume in 55 gallon drums or process equipment.

2 Total volume in process tanks.

3 SCMS tank deactivation (water reaction) rate:

$$\left(\frac{50 \text{ lbs}}{\text{hour}}\right) \left(\frac{24 \text{ hours}}{\text{day}}\right) \left(\frac{\text{gallon}}{7.7 \text{ lbs}}\right) = \frac{156 \text{ gallons}}{\text{day}}$$

Note: calculation rate is rounded down

4 SCMS tank evaporation and deactivation (acid addition or carbonation) rate:

$$\left(\frac{43 \text{ gallons}}{\text{hour}}\right) \left(\frac{24 \text{ hours}}{\text{day}}\right) = \frac{1,032 \text{ gallons}}{\text{day}}$$

5 HFEF, SCMS container treatment-melt and draining, absorption, deactivation, neutralization, solidification, stabilization, and repackaging rate:

$$\left(\frac{18.3 \text{ gallons}}{\text{hour}}\right) \left(\frac{24 \text{ hours}}{\text{day}}\right) = \frac{440 \text{ gallons}}{\text{day}}$$

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))
	(1) PROCESS CODES (Enter code)													
1	D	0	0	1	1,430,000	P	S	0	1	T	0	4	HFEF Container Storage, Verification, Repackaging and/or Container Treatment	
2	D	0	0	2									Included with the above	
3	D	0	0	3									Included with the above	
4	D	0	0	4									Included with the above	
5	D	0	0	5									Included with the above	
6	D	0	0	6									Included with the above	
7	D	0	0	7									Included with the above	
8	D	0	0	8									Included with the above	
9	D	0	0	9									Included with the above	
1 0	D	0	1	0									Included with the above	
1 1	D	0	1	1									Included with the above	
1 2	D	0	1	2									Included with the above	
1 3	D	0	1	3									Included with the above	
1 4	D	0	1	4									Included with the above	
1 5	D	0	1	5									Included with the above	
1 6	D	0	1	6									Included with the above	
1 7	D	0	1	7									Included with the above	
1 8	D	0	1	8									Included with the above	
1 9	D	0	1	9									Included with the above	
2 0	D	0	2	0									Included with the above	
2 1	D	0	2	1									Included with the above	
2 2	D	0	2	2									Included with the above	
2 3	D	0	2	3									Included with the above	
2 4	D	0	2	4									Included with the above	
2 5	D	0	2	5									Included with the above	
2 6	D	0	2	6									Included with the above	
2 7	D	0	2	7									Included with the above	
2 8	D	0	2	8									Included with the above	
2 9	D	0	2	9									Included with the above	
3 0	D	0	3	0									Included with the above	
3 1	D	0	3	1									Included with the above	
3 2	D	0	3	2									Included with the above	
3 3	D	0	3	3									Included with the above	
3 4	D	0	3	4									Included with the above	
3 5	D	0	3	5									Included with the above	
3 6	D	0	3	6									Included with the above	

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))																		
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES										
	(1) PROCESS CODES (Enter code)										(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))							
3	7	D	0	3	7													Included with the above
3	8	D	0	3	8													Included with the above
3	9	D	0	3	9													Included with the above
4	0	D	0	4	0													Included with the above
4	1	D	0	4	1													Included with the above
4	2	D	0	4	2													Included with the above
4	3	D	0	4	3													Included with the above
4	4	F	0	0	1													Included with the above
4	5	F	0	0	2													Included with the above
4	6	F	0	0	3													Included with the above
4	7	F	0	0	4													Included with the above
4	8	F	0	0	5													Included with the above
4	9	F	0	0	6													Included with the above
5	0	F	0	0	7													Included with the above
5	1	F	0	0	8													Included with the above
5	2	F	0	0	9													Included with the above
5	3	F	0	3	9													Included with the above
5	4	P	0	0	5													Included with the above
5	5	P	0	1	2													Included with the above
5	6	P	0	2	2													Included with the above
5	7	P	0	2	4													Included with the above
5	8	P	0	2	7													Included with the above
5	9	P	0	2	8													Included with the above
6	0	P	0	3	0													Included with the above
6	1	P	0	3	1													Included with the above
6	2	P	0	5	6													Included with the above
6	3	P	0	7	3													Included with the above
6	4	P	0	7	7													Included with the above
6	5	P	0	9	8													Included with the above
6	6	P	1	0	4													Included with the above
6	7	P	1	0	5													Included with the above
6	8	P	1	0	6													Included with the above
6	9	P	1	1	3													Included with the above
7	0	P	1	1	6													Included with the above
7	1	P	1	1	9													Included with the above
7	2	P	1	2	0													Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))																		
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES										
	(1) PROCESS CODES (Enter code)										(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))							
7	3	U	0	0	3													Included with the above
7	4	U	0	0	4													Included with the above
7	5	U	0	0	7													Included with the above
7	6	U	0	0	9													Included with the above
7	7	U	0	1	2													Included with the above
7	8	U	0	1	4													Included with the above
7	9	U	0	1	9													Included with the above
8	0	U	0	2	0													Included with the above
8	1	U	0	3	2													Included with the above
8	2	U	0	3	7													Included with the above
8	3	U	0	4	4													Included with the above
8	4	U	0	4	8													Included with the above
8	5	U	0	5	2													Included with the above
8	6	U	0	6	9													Included with the above
8	7	U	0	7	9													Included with the above
8	8	U	0	8	0													Included with the above
8	9	U	0	8	1													Included with the above
9	0	U	0	8	3													Included with the above
9	1	U	0	8	4													Included with the above
9	2	U	1	0	2													Included with the above
9	3	U	1	0	3													Included with the above
9	4	U	1	0	8													Included with the above
9	5	U	1	1	6													Included with the above
9	6	U	1	1	8													Included with the above
9	7	U	1	2	0													Included with the above
9	8	U	1	2	2													Included with the above
9	9	U	1	2	3													Included with the above
10	0	U	1	2	7													Included with the above
10	1	U	1	2	8													Included with the above
10	2	U	1	3	1													Included with the above
10	3	U	1	3	3													Included with the above
10	4	U	1	3	4													Included with the above
10	5	U	1	3	5													Included with the above
10	6	U	1	3	8													Included with the above
10	7	U	1	4	0													Included with the above
10	8	U	1	4	4													Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))														
Line Number	A. EPA Hazardous Waste No. (Enter code)				B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES							
							(1) PROCESS CODES (Enter code)				(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))			
109	U	1	4	5										Included with the above
110	U	1	4	7										Included with the above
111	U	1	5	1										Included with the above
112	U	1	5	9										Included with the above
113	U	1	6	2										Included with the above
114	U	1	6	5										Included with the above
115	U	1	6	9										Included with the above
116	U	1	7	0										Included with the above
117	U	1	7	1										Included with the above
118	U	1	8	2										Included with the above
119	U	1	8	8										Included with the above
120	U	1	9	0										Included with the above
121	U	1	9	1										Included with the above
122	U	1	9	6										Included with the above
123	U	2	0	1										Included with the above
124	U	2	0	4										Included with the above
125	U	2	0	7										Included with the above
126	U	2	0	8										Included with the above
127	U	2	1	0										Included with the above
128	U	2	1	1										Included with the above
129	U	2	1	5										Included with the above
130	U	2	1	7										Included with the above
131	U	2	1	8										Included with the above
132	U	2	1	9										Included with the above
133	U	2	2	0										Included with the above
134	U	2	2	5										Included with the above
135	U	2	2	6										Included with the above
136	U	2	2	7										Included with the above
137	U	2	2	8										Included with the above
138	U	2	3	9										Included with the above
139	U	3	2	8										Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))															
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES							
	(1) PROCESS CODES (Enter code)								(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))						
1	D	0	0	1	477,000	P	S	9	9					RSWF Miscellaneous Storage	
2	D	0	0	3										Included with the above	
3	D	0	0	4										Included with the above	
4	D	0	0	5										Included with the above	
5	D	0	0	6										Included with the above	
6	D	0	0	7										Included with the above	
7	D	0	0	8										Included with the above	
8	D	0	0	9										Included with the above	
9	D	0	1	0										Included with the above	
10	D	0	1	1										Included with the above	
11															
12															
13															
14															
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34															
35															
36															

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))															
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES							(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))
	(1) PROCESS CODES (Enter code)														
1	D	0	0	1	990,000	P	S	0	2	T	0	1		SCMS Tank Storage and Tank Treatment	
2	D	0	0	2										Included with the above	
3	D	0	0	3										Included with the above	
4	D	0	0	4										Included with the above	
5	D	0	0	5										Included with the above	
6	D	0	0	6										Included with the above	
7	D	0	0	7										Included with the above	
8	D	0	0	8										Included with the above	
9	D	0	0	9										Included with the above	
1 0	D	0	1	0										Included with the above	
1 1	D	0	1	1										Included with the above	
1 2															
1 3															
1 4															
1 5															
1 6															
1 7															
1 8															
1 9															
2 0															
2 1															
2 2															
2 3															
2 4															
2 5															
2 6															
2 7															
2 8															
2 9															
3 0															
3 1															
3 2															
3 3															
3 4															
3 5															
3 6															

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						
	(1) PROCESS CODES (Enter code)							(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))						
1	D	0	0	1		990,000	P	S	0	1	T	0	4	SCMS Container Storage, Verification, Repackaging, and/or Container Treatment
2	D	0	0	2										Included with the above
3	D	0	0	3										Included with the above
4	D	0	0	4										Included with the above
5	D	0	0	5										Included with the above
6	D	0	0	6										Included with the above
7	D	0	0	7										Included with the above
8	D	0	0	8										Included with the above
9	D	0	0	9										Included with the above
10	D	0	1	0										Included with the above
11	D	0	1	1										Included with the above
12	D	0	1	2										Included with the above
13	D	0	1	8										Included with the above
14	D	0	1	9										Included with the above
15	D	0	2	1										Included with the above
16	D	0	2	2										Included with the above
17	D	0	2	6										Included with the above
18	D	0	2	7										Included with the above
19	D	0	2	8										Included with the above
20	D	0	2	9										Included with the above
21	D	0	3	0										Included with the above
22	D	0	3	2										Included with the above
23	D	0	3	3										Included with the above
24	D	0	3	4										Included with the above
25	D	0	3	5										Included with the above
26	D	0	3	6										Included with the above
27	D	0	3	7										Included with the above
28	D	0	3	8										Included with the above
29	D	0	3	9										Included with the above
30	D	0	4	0										Included with the above
31	D	0	4	2										Included with the above
32	D	0	4	3										Included with the above
33	F	0	0	1										Included with the above
34	F	0	0	2										Included with the above
35	F	0	0	3										Included with the above
36	F	0	0	4										Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))
3	7 F 0 0 5				Included with the above
3	8 F 0 0 6				Included with the above
3	9 F 0 0 7				Included with the above
4	0 F 0 0 9				Included with the above
4	1 P 0 3 0				Included with the above
4	2 P 0 9 8				Included with the above
4	3 P 0 9 9				Included with the above
4	4 P 1 0 6				Included with the above
4	5 U 0 0 3				Included with the above
4	6 U 1 0 3				Included with the above
4	7 U 1 0 8				Included with the above
4	8 U 1 3 4				Included with the above
4	9 U 1 5 1				Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))																	
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))			
	(1) PROCESS CODES (Enter code)																
1	D	0	0	1		432,000	P	S	0	1							SSB Container Storage
2	D	0	0	3													Included with the above
3	D	0	0	4													Included with the above
4	D	0	0	5													Included with the above
5	D	0	0	6													Included with the above
6	D	0	0	7													Included with the above
7	D	0	0	8													Included with the above
8	D	0	0	9													Included with the above
9	D	0	1	0													Included with the above
10	D	0	1	1													Included with the above
11	D	0	1	2													Included with the above
12	D	0	1	8													Included with the above
13	D	0	1	9													Included with the above
14	D	0	2	1													Included with the above
15	D	0	2	2													Included with the above
16	D	0	2	6													Included with the above
17	D	0	2	7													Included with the above
18	D	0	2	8													Included with the above
19	D	0	2	9													Included with the above
20	D	0	3	0													Included with the above
21	D	0	3	2													Included with the above
22	D	0	3	3													Included with the above
23	D	0	3	4													Included with the above
24	D	0	3	5													Included with the above
25	D	0	3	6													Included with the above
26	D	0	3	7													Included with the above
27	D	0	3	8													Included with the above
28	D	0	3	9													Included with the above
29	D	0	4	0													Included with the above
30	D	0	4	2													Included with the above
31	D	0	4	3													Included with the above
32	F	0	0	1													Included with the above
33	F	0	0	2													Included with the above
34	F	0	0	3													Included with the above
35	F	0	0	4													Included with the above
36	F	0	0	5													Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES															
	(1) PROCESS CODES (Enter code)										(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))												
1	D	0	0	1		792,000	P	S	0	1													RSWF Staging/Storage Area Container Storage
2	D	0	0	3																			Included with the above
3	D	0	0	4																			Included with the above
4	D	0	0	5																			Included with the above
5	D	0	0	6																			Included with the above
6	D	0	0	7																			Included with the above
7	D	0	0	8																			Included with the above
8	D	0	0	9																			Included with the above
9	D	0	1	0																			Included with the above
10	D	0	1	1																			Included with the above
11	D	0	1	2																			Included with the above
12	D	0	1	8																			Included with the above
13	D	0	1	9																			Included with the above
14	D	0	2	1																			Included with the above
15	D	0	2	2																			Included with the above
16	D	0	2	6																			Included with the above
17	D	0	2	7																			Included with the above
18	D	0	2	8																			Included with the above
19	D	0	2	9																			Included with the above
20	D	0	3	0																			Included with the above
21	D	0	3	2																			Included with the above
22	D	0	3	3																			Included with the above
23	D	0	3	4																			Included with the above
24	D	0	3	5																			Included with the above
25	D	0	3	6																			Included with the above
26	D	0	3	7																			Included with the above
27	D	0	3	8																			Included with the above
28	D	0	3	9																			Included with the above
29	D	0	4	0																			Included with the above
30	D	0	4	2																			Included with the above
31	D	0	4	3																			Included with the above
32	F	0	0	1																			Included with the above
33	F	0	0	2																			Included with the above
34	F	0	0	3																			Included with the above
35	F	0	0	4																			Included with the above
36	F	0	0	5																			Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES											
				(1) PROCESS CODES (Enter code)						(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))					
3	7	F 0 0 6												Included with the above	
3	8	F 0 0 7												Included with the above	
3	9	F 0 0 9												Included with the above	
4	0	P 0 3 0												Included with the above	
4	1	P 0 9 8												Included with the above	
4	2	P 0 9 9												Included with the above	
4	3	P 1 0 6												Included with the above	
4	4	U 0 0 3												Included with the above	
4	5	U 1 0 3												Included with the above	
4	6	U 1 0 8												Included with the above	
4	7	U 1 3 4												Included with the above	
4	8	U 1 5 1												Included with the above	

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES													
	(1) PROCESS CODES (Enter code)										(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))										
1	D	0	0	1		792,000	P	S	0	1											NFA Container Storage
2	D	0	0	3																	Included with the above
3	D	0	0	4																	Included with the above
4	D	0	0	5																	Included with the above
5	D	0	0	6																	Included with the above
6	D	0	0	7																	Included with the above
7	D	0	0	8																	Included with the above
8	D	0	0	9																	Included with the above
9	D	0	1	0																	Included with the above
10	D	0	1	1																	Included with the above
11	D	0	1	2																	Included with the above
12	D	0	1	8																	Included with the above
13	D	0	1	9																	Included with the above
14	D	0	2	1																	Included with the above
15	D	0	2	2																	Included with the above
16	D	0	2	6																	Included with the above
17	D	0	2	7																	Included with the above
18	D	0	2	8																	Included with the above
19	D	0	2	9																	Included with the above
20	D	0	3	0																	Included with the above
21	D	0	3	2																	Included with the above
22	D	0	3	3																	Included with the above
23	D	0	3	4																	Included with the above
24	D	0	3	5																	Included with the above
25	D	0	3	6																	Included with the above
26	D	0	3	7																	Included with the above
27	D	0	3	8																	Included with the above
28	D	0	3	9																	Included with the above
29	D	0	4	0																	Included with the above
30	D	0	4	2																	Included with the above
31	D	0	4	3																	Included with the above
32	F	0	0	1																	Included with the above
33	F	0	0	2																	Included with the above
34	F	0	0	3																	Included with the above
35	F	0	0	4																	Included with the above
36	F	0	0	5																	Included with the above

7. Description of Hazardous Wastes (Continued. Enter codes for Items 7.A, 7.C and 7.D(1))														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES					(2) PROCESS DESCRIPTION (If a code is not entered in 7.D(1))	
	(1) PROCESS CODES (Enter code)													
3	7	F	0	0	6									Included with the above
3	8	F	0	0	7									Included with the above
3	9	F	0	0	9									Included with the above
4	0	P	0	3	0									Included with the above
4	1	P	0	9	8									Included with the above
4	2	P	0	9	9									Included with the above
4	3	P	1	0	6									Included with the above
4	4	U	0	0	3									Included with the above
4	5	U	1	0	3									Included with the above
4	6	U	1	0	8									Included with the above
4	7	U	1	3	4									Included with the above
4	8	U	1	5	1									Included with the above

INL HWMA/RCRA FINAL PERMIT, EPA NO. ID4890008952		
MFC Permit, Doc. No. PER-116		
Part A Form Supplement		
ITEM - 7 DESCRIPTION OF HAZARDOUS WASTE SUPPLEMENT		
PAGE/LINE NUMBERS	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE
Page 2c of 2 thru 2f of 2 (Highest estimated annual qty shown on Line 1)	<p>This annual estimate is based on HFEF container treatment processing rates for characteristic waste.</p> <p>This estimated annual quantity of characteristic waste (throughput) is the product of a 440 gallons/day container treatment rate, a production rate of 250 days/year of operation, and the density of characteristic waste streams of 13 lbs per gallon</p> $\left(\frac{440 \text{ gallons}}{\text{day}}\right)\left(\frac{13 \text{ lbs}}{\text{gallon}}\right)\left(\frac{250 \text{ days}}{\text{year}}\right) = \frac{1,430,000 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 13.0 lbs/gal.
	<p>This annual estimate is based on HFEF container storage rates.</p> <p>This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 13.0 lbs per gallon</p> $\left(\frac{10,725 \text{ gallons}}{\text{year}}\right)\left(\frac{13 \text{ lbs}}{\text{gallon}}\right) = \frac{139,425 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 13.0 lbs/gal.
	<p>This annual estimate is based on HFEF container treatment processing rates for listed waste.</p> <p>This estimated annual quantity of listed waste (throughput) is the product of a 440 gallons/day container treatment rate, a production rate of 250 days/year of operation, and the density of listed waste streams of 13 lbs per gallon</p> $\left(\frac{440 \text{ gallons}}{\text{day}}\right)\left(\frac{13 \text{ lbs}}{\text{gallon}}\right)\left(\frac{250 \text{ days}}{\text{year}}\right) = \frac{1,430,000 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 13.0 lbs/gal.
	<p>This annual estimate is based on HFEF container storage rates.</p> <p>This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 13.0 lbs per gallon</p> $\left(\frac{10,725 \text{ gallons}}{\text{year}}\right)\left(\frac{13 \text{ lbs}}{\text{gallon}}\right) = \frac{139,425 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 13.0 lbs/gal.

INL HWMA/RCRA FINAL PERMIT, EPA NO. ID4890008952 MFC Permit, Doc. No. PER-116		
Part A Form Supplement		
ITEM – 7 DESCRIPTION OF HAZARDOUS WASTE SUPPLEMENT		
PAGE/LINE NUMBERS	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE
Page 2g of 2 Line 1	This annual estimate is based on RSWF container storage rates. This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 9 lbs per gallon. $\left(\frac{53,000 \text{ gallons}}{\text{year}}\right)\left(\frac{9\text{lbs}}{\text{gallon}}\right) = \frac{477,000 \text{ lbs}}{\text{year}}$	The density used for the waste is 9.0 lb/gal.

INL HWMA/RCRA FINAL PERMIT, EPA NO. ID4890008952		
MFC Permit, Doc. No. PER-116		
Part A Form Supplement		
ITEM – 7 DESCRIPTION OF HAZARDOUS WASTE SUPPLEMENT		
PAGE/LINE NUMBERS	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE
Page 2h of 2 thru 2j of 2 (Highest estimated annual qty shown on Line 1)	This annual estimate is based on SCMS tank treatment processing rates for ignitable and reactive waste. This estimated annual quantity of ignitable and reactive waste (throughput) is the product of a 156 gallons/day burn rate, a production rate of 250 days/year of operation, and the density of Na waste streams of 7.7 lbs per gallon. $\left(\frac{156 \text{ gal}}{\text{day}}\right)\left(\frac{250 \text{ days}}{\text{year}}\right)\left(\frac{7.7 \text{ lbs}}{\text{gal}}\right) = \frac{298,375 \text{ lbs}}{\text{year}}$	The density used for the waste is 7.7 lb/gal.
	This annual estimate is based on SCMS container storage rates. This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 7.7 lbs per gallon. $\left(\frac{24,640 \text{ gal}}{\text{year}}\right)\left(\frac{7.7 \text{ lbs}}{\text{gal}}\right) = \frac{189,728 \text{ lbs}}{\text{year}}$	The density used for the waste is 7.7 lb/gal.
	This annual estimate is based on SCMS container treatment processing rates. This estimated annual quantity of waste (throughput) is the product of a 440 gallons/day container treatment rate, a production rate of 250 days/year of operation, and the density of waste streams of 9 lbs per gallon $\left(\frac{440 \text{ gallons}}{\text{day}}\right)\left(\frac{9 \text{ lbs}}{\text{gallon}}\right)\left(\frac{250 \text{ days}}{\text{year}}\right) = \frac{990,000 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 9.0 lbs/gal.
	This annual estimate is based on SCMS container storage rates. This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 9 lbs per gallon. $\left(\frac{24,640 \text{ gal}}{\text{year}}\right)\left(\frac{9.0 \text{ lbs}}{\text{gal}}\right) = \frac{221,760 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 9.0 lbs/gal.

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MFC Permit, Doc. No. PER-116		
Part A Form Supplement		
ITEM – 7 DESCRIPTION OF HAZARDOUS WASTE SUPPLEMENT		
PAGE/LINE NUMBERS	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE
Page 2k of 2 thru 2l of 2 Line 1	<p>This annual estimate is based on SSB container storage rates.</p> <p>This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 9 lbs per gallon.</p> $\left(\frac{48,000 \text{ gal}}{\text{year}}\right)\left(\frac{9 \text{ lbs}}{\text{gallon}}\right) = \frac{432,000 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 9.0 lbs/gal.
Page 2m of 2 thru 2n of 2 Line 1	<p>This annual estimate is based on RSWF Staging/Storage Area container storage rates.</p> <p>This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 9 lbs per gallon.</p> $\left(\frac{88,000 \text{ gal}}{\text{year}}\right)\left(\frac{9 \text{ lbs}}{\text{gallon}}\right) = \frac{792,000 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 9.0 lbs/gal.
Page 2o of 2 thru 2p of 2 Line 1	<p>This annual estimate is based on NFA container storage rates.</p> <p>This estimated annual quantity of waste stored per year is the product of the maximum allowable quantity of waste and the density of the waste streams of 9 lbs per gallon.</p> $\left(\frac{88,000 \text{ gal}}{\text{year}}\right)\left(\frac{9 \text{ lbs}}{\text{gallon}}\right) = \frac{792,000 \text{ lbs}}{\text{year}}$	The density used for the waste is estimated at 9.0 lbs/gal.

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ITEM – 7 DESCRIPTION OF HAZARDOUS WASTE SUPPLEMENT						
Debris Waste Categories¹	HFEF	RSWF	SCMS	SSB	RSWF Staging/Storage Area	NFA
Metal Debris ²	x	x	x	x	x	x
Inorganic Debris ³	x	x	x	x	x	x
Organic Debris ⁴	x	x	x	x	x	x
Paper/plastic/rubber/rags ⁵	x	x	x	x	x	x
Ceramic/Brick Debris ⁶	x	x	x	x	x	x
Heterogenous Debris ⁷	x	x	x	x	x	x
Debris Contaminant Categories	HFEF	RSWF	SCMS	SSB	RSWF Staging/Storage Area	NFA
Characteristic contaminants	Ref. Part A	Ref. Part A	Ref. Part A	Ref. Part A	Ref. Part A	Ref. Part A
Listed contaminants	Ref. Part A	NA	Ref. Part A	Ref. Part A	Ref. Part A	Ref. Part A

Notes:

- Debris Waste Categories—debris waste streams have been grouped into six debris waste categories consistent with packaging and storage configurations and/or treatment plans.
- Metal Debris Waste—process and ancillary equipment and operations components including pipes, pumps, valves, fitting, flanges, metal scrap, shipping and process vessels, cold traps, vapor traps, nonintact containers and tanks, cut-up equipment.
- Inorganic Debris Waste—operational, decontamination, and closure-related wastes including filters, prefilters and filter media, glass, insulation, concrete, asbestos and noncombustible solids.
- Organic Debris Waste—operational, decontamination, and closure-related wastes including combustible solids, paper, cloth, wood, plastic, industrial equipment, and natural geologic material.
- Paper/Plastic/Rubber/Rags—operational, decontamination, and closure-related wastes including paper and rags, washables, rubber, plastic, gloves, aprons, PVC, nonintact containers.
- Ceramic/Brick Debris—ceramic or brick from operational, decontamination, and closure-related activities.
- Heterogenous Debris—operational, decontamination, and closure-related waste consisting of mixtures of debris categories.