1	Class 1 Permit Modification Notifications
2	
3	
4	
5	Clarify Text Regarding Fire Water Tank Usage
6	
7	Revise Document Numbers of Procedures
8	
9	Update Pre-Fire Survey Figures
10 11	Undete Feeility Figures
11 12	Opdate Facility Figures
12	Revise Title of WWIS User's Manual
13	Revise The Or WWIG Oser's Manual
15	Revise Area Codes
16	
17	Revise the Emergency Coordinator List
18	
19	
20	
21	
22	
23	Waste Isolation Pilot Plant
24	Carlsbad, New Mexico
25	
26	Permit Number-NM4890139088-TSDF
27	
28	December 2009
29	

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1	Item 6
2	Description
3	Basis A-21
4	Discussion A-21
5	Revised Permit Text A-21
6	
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8	Description
9	Basis A-28
10	Discussion A-28
11	Revised Permit Text
12	
13	
14	Attachment B B-1
15	
16	
17	
18	
19	
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21	
22	
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Overview of the Permit Modification Notifications

This document contains Class 1 Permit Modification Notifications (PMNs) to modify the
 Hazardous Waste Facility Permit (Permit) at the Waste Isolation Pilot Plant (WIPP),
 Permit Number NM4890139088-TSDF hereinafter referred to as the Permit.

7 8 These PMNs are being submitted by the U.S. Department of Energy (DOE) and Washington TRU Solutions LLC (WTS), collectively referred to as the Permittees, in 9 accordance with Permit Condition I.B.1 (20.4.1.900 New Mexico Administrative Code 10 (NMAC) incorporating Title 40 of the Code of Federal Regulations (CFR) §270.42(a)). 11 The PMNs in this document are necessary to notify the New Mexico Environment 12 Department (**NMED**) of several changes that impact the WIPP facility. These changes 13 do not reduce the ability of the Permittees to provide continued protection to human 14 health and the environment. 15

16

1 2

3

17 The requested modifications to the Permit and any related supporting documents are 18 provided in these PMNs. The proposed modifications to the text of the Permit has been

19 identified using red text and double underline, and a strikeout font for deleted

20 information. All direct quotations are indicated by italicized text.

21

Attachment A

Description of the Class 1 Permit Modification Notifications

Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification

3	Affected Permit Section	Change Description	Category	Attachment A Page #
4 5	 Attachment E, Section E-1a(4) 	Clarify which firewater tank is used first during a fire and revise a unit of pressure.	A.1	A-3
6 7 8	2. Attachment H2 and Attachment D,Table D-1	Change PM000025 to WP 12-FP0025, PM000026 to WP 12-FP0026, and PF0- 011 to PF0-008.	A.1	A-4
9 10	3. Attachment F, Figures F-10, F-10a, and F-11.	Update pre-fire survey figures.	A.1	A-9
11 12	4. Figures F-1, F-1a, F-6, F-8, and G-2	Update some Facility Figures	A.1	A-13
13 14 15 16 17	5. Attachment B, Sections B-4a(6), B-5a(1), B-9, and Attachment B3, Sections B3-12b(4) and B3-16	Revise the title of the WWIS User's manual.	A.1	A-19
18 19 20 21 22 23 24	 Attachment A, Section A-1, Attachment F, Section F-4a(3), Attachment I, Section I- 1, Attachment O, Part A Application, Attachment F, Tables F-8 and F-9 	Change specific area codes to reflect the change from (505) to (575) for certain areas in the State of New Mexico and update a phone number.	A.1	A-21
25	7. Attachment F, Table F-2	Revise table to change the heading to "Personal Phone" and other editorial changes.	A.1	A-28

2

1	Item 1
2	
3	Description:
4 5	Revise language in Section E-1a(4), Water for Fire Control, to clarify which fire-water tank is used first during a fire and change the unit of pressure for the fire-water tanks' rating
0	from kilograms per square inch to kilopascal.
/ 8	Basis.
0	The change is classified as "Administrative and informational changes" and is therefore a
9	Class 1 notification pursuant to 20 4 1 900 NMAC (incorporating 40 CFR 270 42
11	Appendix I, A.1).
12	
13	Discussion:
14	This change clarifies which firewater tank is used first in the event of a fire and converts
15	pounds per square inch to a more appropriate unit of pressure, namely, kiloPascal.
16	
17	Revised Permit Text:
18	
19	E-1a(4) Water for Fire Control
20	
21	At the WIPP facility, the water enters a pair of 180,000-gal (681,372-L) aboveground storage
22	tanks located adjacent to the Pumphouse. These tanks are 32 ft (9.75 m) in diameter and are
23 24	stores water for use by the facility's fire-water system. The other tank stores water for use by
25	the facility's domestic water system, and to reserve approximately 100.000 gal (378.540 L) of
26	water for use by the fire-water system. Separate sets of pumps for the domestic water and
27	fire-water systems are provided in the Pumphouse. During a fire, the fire-water pump is
28	automatically started, and available domestic water from the dedicated fire water tank is used
29	first. Upon depletion of the fire water inventory the reserved water in the domestic water tank
30 31	is used in necessary. domestic-water inventory, the domestic-water pumps are automatically shut off, and the dedicated fire-water reserve is available for fire-suppression use only. The
32	primary fire-water pump is a 100-percent-capacity electric pump. A 100-percent-capacity
33	diesel fire-water pump provides backup in case of a power failure or when maintenance is
34	required on the electric pump. Each fire-water pump is rated at 1,500 gal (5,678 L) per

- 35 minute at 125 pounds (lb) (56.7 kilograms [kg]) per square in. (862 kPa).
- 36

1		Item 2
2		
3	Description:	
4 5	Revise Attachment H2, Qualif number of PM000025 to WP	ication Card EST-01 and Table D-1 to change the document 12-FP0025, PM000026 to WP 12-FP0026 and PF0-011 to
0	110-000.	
8	Basis [.]	
9	The change is classified as "A	dministrative and informational changes" and is therefore a
10	Class 1 notification pursuant t	o 20.4.1.900 NMAC (incorporating 40 CFR 270.42,
11	Appendix I, A.1).	
12		
13	Discussion:	
14	The inspection requirements f	or fire sprinkler systems and fire pumps have been
15	renumbered as procedures in	stead of preventative maintenance documents, because
16 17	the equipment covered by the	se inspections is important to operations and requires the
17	(PF0-011 to PF0-008) was ma	ade as part of a procedure grouping (consolidation activity
19	No substantial change was m	ade to the inspection form included in the procedure.
20	-	
21	Revised Permit Text:	
22	Permit Attachment H2:	
23		
24	QUALIFICATION CARD: EST-0	01 Emergency Services Technician
25		
26 27	REFERENCES:	Emergency Services Technician Qualification Card Guide Book (EST-01G)
28		WIPP Emergency Management Program (WP 12-9)
29		Emergency Fire Pump (WP 04-FP2202)
30		Inspection and Testing of Sprinkler Systems
31		1. Wet Pipe Fire Sprinkler System Testing
32		(PM000025) <u>(WP 12-FP0025)</u>
33		
34		2. NFPA 13, Installation of Sprinkler Systems
35		
36		
37		

Permit Attachment D, Table D-1:

4	
5	

TABLE D-1 INSPECTION SCHEDULE/PROCEDURES

System/Equipment Name	Responsible Organization	Inspection ^a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criter
Air Intake Shaft Hoist	Underground Operations	Preoperational [°] See Lists 1b and c	WP 04-HO1004 Inspecting for Deterioration ^b , Safety Equipme Communication Systems, and Mechanical Operability ^m in accordance with Mine Safety a Health Administration (MSHA) requirements
Ambulances (Surface and Underground) and related emergency supplies and equipment	Emergency Services	Weekly See List 11	PM000030 Inspecting for Mechanical Operability ^m , Deterioration ^b , and Required Equipment ⁿ
Adjustable Center of Gravity Lift Fixture	Waste Handling	Preoperational See List 8	WP 05-WH1410 Inspecting for Mechanical Operability ^m and Deterioration ^b
Backup Power Supply Diesel Generators	Facility Operations	Monthly See List 3	WP 04-ED1301 Inspecting for Mechanical Operability ^m and Le Spills by starting and operating both generator Results of this inspection are logged in accord with WP 04-AD3008.
Facility Inspections (Water Diversion Berms)	Facility Engineering	Annually See List 4	WP 10-WC3008 Inspecting for Damage, Impediments to wate and Deterioration ^b
Central Monitoring Systems (CMS)	Facility Operations	Continuous See List 3	Automatic Self-Checking
Contact-Handled (CH) TRU Underground Transporter	Waste Handling	Preoperational See List 8	WP 05-WH1603 Inspecting for Mechanical Operability ^m , Deterioration ^b , and area around transporter cl obstacles
Facility Transfer Vehicle	Waste Handling	Preoperational See List 8	WP 05-WH1406 and WP 05-WH1408 Inspecting for Mechanical Operability ^m , Deterioration ^b , path clear of obstacles, and gu in the proper place
Exhaust Shaft	Underground Operations	Quarterly See List 1a	PM041099 Inspecting for Deterioration ^b and Leaks/Spills
Eye Wash and Shower Equipment	Equipment Custodian	Weekly See List 5	WP 12-IS1832 Inspecting for Deterioration ^b
		Semi-annually See List 2a	WP 12-IS1832 Inspecting for Deterioration ^b and Fluid Levels–Replace as Required
Fire Detection and Alarm System	Emergency Services	Semiannually See List 11	PM000027 Inspecting for Deterioration ^b , Operability of in- lights and, underground fuel station dry chem suppression system. Inspection is per NFPA

A-5

	INSPECTION	SCHEDULE/	PROCEDURES	
System/Equipment Name	Responsible Organization	Inspection ^a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	
Fire Extinguishers ⁱ	Emergency Services	Monthly See List 11	PM000036 Inspecting for Deterioration ^b , Leaks/Spills, Expiration, seals, fullness, and pressure	
Fire Hoses	Emergency Services	Annually (minimum) See List 11	PM000031 Inspecting for Deterioration ^b and Leaks/Spills	
Fire Hydrants	Emergency Services	Semi-annual/ annually See List 11	PM000034 Inspecting for Deterioration ^b and Leaks/Spills	
Fire Pumps	Emergency Services	Weekly/annually See List 11	PM000026 WP 12-FP0026 Inspecting for Deterioration ^b , Leaks/Spills, valves and panel lights	
Fire Sprinkler Systems	Emergency Services	Monthly/ quarterly See List 11	PM000025 WP 12-FP0025 Inspecting for Deterioration ^b , Leaks/Spills, static pressures, and removable strainers	
Fire and Emergency Response Trucks (Seagrave Fire Apparatus, Emergency One Apparatus, and Underground Rescue Truck)	Emergency Services	Weekly See List 11	PM000033 Inspecting for Mechanical Operability ^m , Deterioration ^b , Leaks/Spills, and Required Equipment ⁿ	
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment)	Waste Handling	Preoperational See List 8	WP 05-WH1401, WP 05-WH1402, WP 05- WH1403, and WP 05-WH1412 Inspecting for Mechanical Operability ^m , Deterioration ^b , and On board fire suppression system	
Hazardous Material Response Equipment	Emergency Services	Weekly See List 11	PM000033 Inspecting for Mechanical Operability ^m , Deterioration ^b , and Required Equipment ⁿ	
Miners First Aid Station	Emergency Services	Quarterly See List 11	PM000035 Inspecting for Required Equipment ⁿ	
Mine Pager Phones (between surface and underground)	Facility Operations	Monthly See List 3	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations	
MSHA Air Quality Monitor	Maintenance/ Underground Operations	Daily ^l See Lists 1 and 10	WP 12-IH1828 Inspecting for Air Quality Monitoring Equipment Functional Check	
Perimeter Fence, Gates, Signs	Security	Daily See List 6	PF0-0 <u>08</u> 11 Inspecting for Deterioration ^b and Posted Warnings	
Personal Protective Equipment (not otherwise contained in emergency vehicles or issued to individuals): —Self-Contained Breathing Apparatus	Emergency Services	Weekly See List 11	PM000029 Inspecting for Deterioration ^b and Pressure	

	TABLE D-1 INSPECTION SCHEDULE/PROCEDURES				
	System/Equipment Name	Responsible Organization	Inspection ^a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	
1 2	Public Address (and Intercom System)	Facility Operations	Monthly See List 3	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	
3	Radio Equipment	Facility Operations	Daily ⁱ See List 3	Radios are operated daily and are repaired upon failure	
4 5	Rescue Truck (Surface and Underground)	Emergency Services	Weekly See List 11	PM000030 and PM000033 Inspecting for Mechanical Operability ^m , Deterioration ^b , Leaks/Spills, and Required Equipment ⁿ	
6	Salt Handling Shaft Hoist	Underground Operations	Preoperational See List 1b and c	WP 04-HO1002 Inspecting for Deterioration ^b , Safety Equipment, Communication Systems, and Mechanical Operability ^m in accordance with MSHA requirements	
7	Self-Rescuers	Underground Operations	Quarterly See List 1c	WP 04-AU1026 Inspecting for Deterioration ^b and Functionality in accordance with MSHA requirements	
8 9	Surface TRU Mixed Waste Handling Area ^k	Waste Handling	Preoperational or Weekly ^e See List 8	WP 05-WH1101 Inspecting for Deterioration ^b , Leaks/Spills, Required Aisle Space, Posted Warnings, Communication Systems, Container Condition, and Floor coating integrity	
10 11	TRU Mixed Waste Decontamination Equipment	Waste Handling	Annually See List 8	WP 05-WH1101 Inspecting for Required Equipment ⁿ	
12 13	Underground Openings— Roof Bolts and Travelways	Underground Operations	Weekly See List 1a	WP 04-AU1007 Inspecting for Deterioration ^b	
14 15 16	Underground— Geomechanical Instrumentation System (GIS	Geotechnical Engineering	Monthly See List 9	WP 07-EU1301 Inspecting for Deterioration ^ь	
17 18	Underground TRU Mixed Waste Disposal Area	Waste Handling	Preoperational See List 8	WP 05-WH1810 Inspecting for Deterioration ^b , Leaks/Spills, mine pager phones, equipment, unobstructed access, signs, debris, and ventilation	
19 20	Uninterruptible Power Supply (Central UPS)	Facility Operations	Daily See List 3	WP 04-ED1542 Inspecting for Mechanical Operability ^m and Deterioration ^b with no malfunction alarms. Results of this inspection are logged in accordance with WP 04-AD3008.	
21	TDOP Upender	Waste Handling	Preoperational See List 8	WP 05-WH1010 Inspecting for Mechanical Operability ^m and Deterioration ^b	
22	Vehicle Siren	Emergency Services	Weekly See List 11	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	

TABLE D-1 INSPECTION SCHEDULE/PROCEDURES				
System/Equipment Name	Responsible Organization	Inspection ^a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	
Ventilation Exhaust	Maintenance Operations	Quarterly See List 10	IC041098 Check for Deterioration ^b and Calibration of Mine Ventilation Rate Monitoring Equipment	
Waste Handling Cranes	Waste Handling	Preoperational See List 8	WP 05-WH1407 Inspecting for Mechanical Operability ^m , Deterioration ^b , and Leaks/Spills	
Waste Hoist	Underground Operations	Preoperational See List 1b and c	WP 04-HO1003 Inspecting for Deterioration ^b , Safety Equipment, Communication Systems, and Mechanical Operability ^m , Leaks/Spills, in accordance with MSHA requirements	
Water Tank Level	Facility Operations	Daily See List 3	SDD-WD00 Inspecting for Deterioration ^b , and water levels. Results of this inspection are logged in accordance with WP 04-AD3008.	
Push-Pull Attachment	Waste Handling	Preoperational See List 8	WP 05-WH1401 Inspecting for Damage and Deterioration ^b	
Trailer Jockey	Waste Handling	Preoperational See List 8	WP 05-WH1405 Inspecting for Mechanical Operability ^m and Deterioration ^b	
Explosion-Isolation Walls	Underground Operations	Quarterly See List 1	Integrity and Deterioration ^b of Accessible Areas	
Bulkhead in Filled Panels	Underground Operations	Monthly See List 1	Integrity and Deterioration ^b of Accessible Areas	

1	
2	Item 3
3	
4	Description:
5	Update pre-fire survey figures.
6	
7	Basis:
8	The change is classified as "Administrative and informational changes" and is therefore a
9 10	Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42,
10	
12	Discussion
12	A fire hydrant (EH-3) was inadvertently left off the list of fire hydrants on Figures E-10
13	Waste Handling Building Pre-Fire Survey (First Floor) and F-11. Waste Handling Building
15	Pre-Fire Survey (Second Floor).
16	
17	Figures F-10, F-10a, and F-11 for the pre-fire survey indicate that water shut-off is
18	accomplished by several post indicator valves. PIV #38 doesn't control the water shut-off.
19	PIV #38 has been deleted from the comments on Figures F-10 and F-11.
20	
21	PIV #18 was misidentified and has been corrected to read PIV #8 on Figure F-10a.
22	
23	Revised Permit Text:
24	Clean figures are included in Attachment B.
25	
26	
27	

A-9



Figure F-10 Waste Handling Building Pre-Fire Survey (First Floor)





Figure F-10a Waste Handling Building Pre-Fire Survey (First Floor – Fire Hydrant/Post Indicator Location)



Figure F-11 Waste Handling Building Pre-Fire Survey (Second Floor)

1	Item 4
2	
3	Description:
4 5	Revise figures to show the removal of trailer 965 and the addition of the new trailer 953. Also, update the location of on-site assembly areas on figures.
6	
7	Basis:
8 9 10 11	The change is classified as "Administrative and informational changes" and is therefore a Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42, Appendix I, A.1).
12	Discussion:
13 14	Trailer 965 was removed and a new office trailer (trailer 953) has been located at the WIPP facility.
15	
16 17 18 19 20 21	The Permittees have determined that a modification to the Permit is required to change the following Figures, F-1, F-1a, F-6, F-8, and G-2. These changes consist of removing trailer 965 from the figures and adding the new trailer 953 along with updating the on-site assembly areas. Assembly areas were consolidated to improve personnel accountability and new areas were delineated to ensure personnel are away from substantially affected areas.
22	
23	Revised Permit Text:
24	
25	Clean figures are included in Attachment B.
26	
27	
7X	



Figure F-1 WIPP Surface Structures

BLDG./ FAC.#	DESCRIPTION	BLDG./ FAC.#	DESCRIPTION	BLDG./ FAC.#	DESCRIP	TION
#241	EQUIPMENT SHED	#384	SALT HANDLING SHAFT HOISTHOUSE	#475	GATEHOU	JSE
#242	GUARDSHACK	#384A	MINING OPERATIONS	#480	VEHICLE	FUEL STATION
#243	SALT HAULING TRUCKS SHELTER	#411	WASTE HANDLING BUILDING	#481	WAREHO	USE ANNEX
#245	TRUPACT TRAILER SHELTER	#412	TRUPACT MAINTENANCE BUILDING	#482	EXHAUST	SHAFT HOIST EQUIP. WAREHOUSE
#246	MgO STORAGE SHELTER	#413	EXHAUST SHAFT FILTER BUILDING	#485	SULLAIR	COMPRESSOR BUILDING
#253	13.8 KV SWITCHGEAR 25p-SWG15/1	#413A	MONITORING STATION A	#486	ENGINEE	RING BUILDING
#254.1	AREA SUBSTATION NO. 1 25P-SW15.1	#413B	MONITORING STATION B	#489	TRAINING	BUILDING
#254.2	AREA SUBSTATION NO. 2 25P-SW15.2	#414	WATER CHILLER FACILITY & BLDG	#H-16	SANDIA T	EST WELL
#254.3	AREA SUBSTATION NO. 3 25P-SW15.3	#451	SUPPORT BUILDING SAFETY & EMERGENCY SERVICES	#917	AIS MONI	TORING
#254.4	AREA SUBSTATION NO. 4 25P-SW15.4	#452	FACILITY	#918	VOC TRA	ILER
#254.5	AREA SUBSTATION NO. 5 25P-SW15.5	#453	WAREHOUSE/SHOPS BUILDING	#918A	VOC AIR I	MONITORING STATION
#254.6	AREA SUBSTATION NO. 6 25P-SW15.6	#455	AUXILIARY WAREHOUSE BUILDING	#918B	VOC LAB	TRAILER
#254.7	AREA SUBSTATION NO. 7 25P-SW15.7	#456	WATER PUMPHOUSE	#950	WORK CC	ONTROL TRAILER
#254.8	AREA SUBSTATION NO. 8 25P-SW15.8	#457N	WATER TANK 25-D-001B	#951	PROCURE	EMENT/PURCHASING
#254.9	480V SWITCHGEAR (25P-SWGO4/9)	#457S	WATER TANK 25-D-001A	#952	TRAILER	
#255.1	BACK-UP DIESEL GENERATOR #1 25-PE 503	#458	GUARD AND SECURITY BUILDING	#965<u>953</u>	SAMPLE I	<u>_ABORATORY TRAILERMODULAR</u> : <u>OMPLEX</u>
#255.2	BACK-UP DIESEL GENERATOR #2 25-PE 504	#459	CORE STORAGE BUILDING	#971	HUMAN R	ESOURCES TRAILER
#256.4	SWITCHBOARD #4 (25P-SBD04/4)	#463	COMPRESSOR BUILDING	#986 SWR NO.	PUBLICAT	TIONS & PROCEDURES TRAILER
#311	WASTE SHAFT	#465	AUXILIARY AIR INTAKE	6 SWR NO.		SWITCHRACK NO. 6
#351	EXHAUST SHAFT	#468	TELEPHONE HUT	7 SWR NO.	7A, 7B	SWITCHRACK NO. 7, 7A, 7B
#361	AIR INTAKE SHAFT	#473	ARMORY BUILDING	7C SWR NO.		SWITCHRACK NO. 7C
#362	AIR INTAKE SHAFT/HOIST HOUSE	#474	HAZARDOUS WASTE STORAGE FACILITY	10 SWR NO.		SWITCHRACK NO. 10
#363	AIR INTAKE SHAFT/WINCH HOUSE EFFLUENT MONITORING INSTRUMENT	#474A	HAZARDOUS WASTE STORAGE BUILDING	11 SWR NO.		SWITCHRACK NO. 11
#364	SHED A EFFLUENT MONITORING INSTRUMENT	#474B	HAZARDOUS WASTE STORAGE BUILDING	12 SWR NO.		SWITCHRACK NO. 12
#365	SHED B	#474C	OIL & GREASE STORAGE BUILDING	15		SWITCHRACK NO. 15
#366	AIR INTAKE SHAFT HEADFRAME	#474D	GAS BOTTLE STORAGE BUILDING			
#371	SALT HANDLING SHAFT	#474E	HAZARD MATERIAL STORAGE BUILDING			
#372	SALT HANDLING SHAFT HEADFRAME	#474F	WASTE OIL RETAINER			



Figure F-6 Fire-Water Distribution System



Figure F-8 WIPP On-Site Assembly Areas and WIPP Staging Areas



Figure G-2 WIPP Traffic Flow Diagram

1	Item 5
2	
3	Description:
4 5	Revise the title of the WWIS User's manual in Sections B-4a(6), B-5a(1), B-9, B3-12b(4) and B3-16.
6	
7	Basis:
8	The change is classified as "Administrative and informational changes" and is therefore a
9	Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42,
10	Appendix I, A.1).
11	
12	Discussion:
13	
14	The WWIS Data User's Manual has been updated. The reference to this document is
15	being updated in the Permit. The old title: "WIPP Waste Information Data System User's
16 17	Manual for Use by Shippers/Generators (DOE, 2001)" is being replaced with the new title:
17	to provide the referenced instructions and information cited in the Permit
10	
20	Revised Permit Text
20	
21	B-4a(6) Data Transmittal
22	
23	The generator/storage site will transmit waste container information electronically via the
25	WIPP Waste Information System (WWIS) Data will be entered into the WWIS in the exact
26	format required by the database. Refer to Section B-5a(1) for WWIS reporting requirements
27	and the WIPP Waste Information Data System User's Manual for Use by
28	Shippers/Generators (DOE, 2009 2001) for the WWIS data fields and format requirements.
29	
30	
31	B-5a(1) WWIS Description
32	
33	All generator/storage sites planning to ship TRU mixed waste to WIPP will supply the
34	required data to the WWIS. The WWIS Data Dictionary includes all of the data fields, the field
35	format and the limits associated with the data as established by this WAP. These data will be
36 27	subjected to edit and limit checks that are performed automatically by the database, as defined in the WIPP Waste Information Data System User's Manual for Use by
38	Shippers/Generators (DOF 2009 2001)
39	

- 40 B-9 List of References
- 41

- U.S. Department of Energy (DOE), 2009 2001, "WIPP Waste Information Data System 1 User's Manual for Use by Shippers/Generators", DOE/WIPP 09-3427 DOE/CAO 97-2273, 2
- 3 U.S. Department of Energy.

- 5 B3-12b(4) WIPP Waste Information System (WWIS) Data Reporting
- 6
- 7 The WWIS Data Dictionary includes all of the data fields, the field format and the limits associated with the data as established by this WAP. These data will be subjected to edit and 8 9 limit checks that are performed automatically by the database, as defined in the WIPP Waste Information Data System User's Manual for Use by Shippers/Generators (DOE, 2009 2001). 10 11 If a container was part of a composite headspace gas sample, the analytical results from the composite sample must be assigned as the container headspace gas data results, including 12
- associated TICs, for every waste container associated with the composite sample. 13
- 14
- 15 **B3-16 List of References**
- 16
- 17 DOE, <u>2009</u> 2001. WIPP Waste Information Data System User's Manual for Use by
- Shippers/Generators. DOE/WIPP 09-3427 DOE/CAO 97-2273, Current Revision, Carlsbad, 18
- New Mexico, Carlsbad Area Office, U.S. Department of Energy. 19

20

1		Item 6			
2					
3	Descript	ion:			
4	Chang	ge specific area codes to reflect the change from (505) to (575) for certain areas in			
5	the Sta	ate of New Mexico and update a phone number.			
6					
7	Basis:				
8	The ch	nange is classified as "Administrative and informational changes" and is therefore a			
9 10	Anner	Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42,			
11	, ppor				
12	Discussi	on:			
12	Discussi				
14	The a	rea code for certain areas of New Mexico was changed to (575) The phone			
15	numbe	er for the Hobbs Fire Department is being revised. The following Attachments,			
16	Sectio	ns and Tables are being revised; A-1, F-4a(3), I-1, Attachment O, Part A			
17	Applic	ation, Tables F-8 and F-9.			
18					
19	Revised	Permit Text:			
20					
21	A-1	Facility Description			
22					
23	Abstra	act			
24					
25	TELE	PHONE NUMBER: <u>-505<u>575</u>/234-7300</u>			
26					
27					
28	F-4a(3) <u>N</u>	Iotification of Local, State, and Federal Authorities			
29					
30	•	Carlsbad Police Department (telephone number: [505<u>575</u>] 885-2111) (or 911)			
31					
32	•	Carlsbad Fire Department (telephone number: [505<u>575</u>] 885-2111) (or 911)			
33					
34	•	Eddy County Sheriff (telephone number: [505<u>575</u>] 887-7551)			
35					
36	•	Hobbs Fire Department (telephone number: [505<u>575</u>] 397-9 <u>308</u> 265)			
37					
38	After l	ocal authorities are notified, the RCRA Emergency Coordinator will ensure			
39	notifica	ation of the following:			
40					

1	Local Emergency Planning Committee
2	Telephone number: (505<u>575</u>) 885-3581
3	Fax number: (505<u>575</u>) 628-3973
4	
5	I-1 <u>Closure Plan</u>
6	
7	Manager, Carlsbad Field Office
8	U.S. Department of Energy
9	Waste Isolation Pilot Plant
10	P. O. Box 3090
11	Carlsbad, New Mexico 88221-3090
12	(505<u>575</u>) 234-7300
13	
14	
15	
16	
17	
18	
19	United States Environmental Protection Agency
20	RCRA SUBTITLE C SITE IDENTIFICATION FORM
21	
22	
23	

	TABLE F-8 HAZARDOUS RELEASE REPORTING, FEDERAL				
	Chamical	To Whom Deport	What Will Be Reported		
Statute	Releases Covered	Will Be Made	Immediately (Oral)	Subsequently (Written)	
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)/Superfund Amendments and Reauthorization Act (SARA (40 CFR Part 302)	"Reportable quantities" of CERCLA/SARA "hazardous substances."	National Response Center: (800) 424- 8802, State Emergency Response Commission: (505) 476-9681 (New Mexico State Police, Hazardous Materials Emergency Response), and Local Emergency Planning Committee: (<u>575</u> 5 0 5) 885-3581	1) Chemical identification; 2) what hazardous substance; 3) quantity released; 4) time, location and duration of release; 5) media of release; 6) health risks and medical advice; 7) proper precautions (e.g., evacuation); and 8) name and phone number of reporter and facility.	As soon as practicable, update of oral notice and response action taken. Send report to: New Mexico State Emergenc Response Commission, Department of Public Safety, Title III Bureau, P.O. Boy 1628, Santa Fe, New Mexico, 87504-1628, and Local Emergency Planning Committee, 324 S. Canyon Street, Suite B, Carlsbad, New Mexico 88220. National Response Center will contact the U.S. Environmental Protection Agency (EPA). EPA may request a written report.	
Emergency Planning and Community Right-to-Know Act (SARA Title III) (40 CFR Parts 302 and 355)	SARA Title III "extremely hazardous substances."	National Response Center: (800) 424- 8802, State Emergency Response Commission: (505) 476- 9681 (New Mexico State Police, Hazardous Materials Emergency Response), and Local Emergency Planning Committee: (<u>575</u> 505) 885-3581.	1) Chemical identification; 2) what extremely hazardous substance; 3) quantity released; 4) time, location and duration of release; 5) media of release; 6) health risks and medical advice; 7) proper precautions (e.g. evacuation); and 8) name and phone number of reporter and facility.	As soon as practicable, update of oral notice and response action taken. Send report to: New Mexico State Emergenci Response Commission, Department of Public Safety, Title III Bureau, P.O. Box 1628, Santa Fe, New Mexico, 87504-1628, and Local Emergency Planning Committee, 324 S. Canyon Street, Suite B, Carlsbad, New Mexico 88220. National Response Center will contact the U.S. Environmental Protection Agency (EPA) for an address if a written report is requested by EPA.	
Resource Conservation and Recovery Act (RCRA), 40 CFR §§264.56(a) and 265.56(a)	Any imminent or actual emergency situation.	State or local agencies with designated response roles, if their help is needed: Carlsbad Police Department: 885-2111; Carlsbad Fire Department: 885-2111; Eddy County Sheriff: 887-7551.	What assistance is required.	Not Applicable (NA)	

TABLE F-8 HAZARDOUS RELEASE REPORTING, FEDERAL					
	Chomical	To When Denert	What Will Be Reported		
Statute	Releases Covered	Will Be Made	Immediately (Oral)	Subsequently (Written)	
RCRA, 40 CFR §§264.56(d), 264.56(i), 265.56(d), and 265.56(i)	RCRA "hazardous waste" release, fire, or explosion, which could threaten human health or environment outside the facility.	National Response Center: (800) 424- 8802; State Emergency Response Commission: and (505) 476- 9681 (New Mexico State Police, Hazardous Materials Emergency Response).	(1) Name and telephone number of reporter; (2) name and telephone number of facility; (3) time and type of incident; (4) name and quantity of materials involved; (5) extent of injuries, if any; and (6) possible health or environmental hazards outside the facility.	Prior to resumption of operations, notify that: (1) no waste that may be incompatible with released material is treated, stored, or disposed of until cleanup is complete, and (2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.	
RCRA, 40 CFR §§264.56(i), 264.56(j), 265.56(i), and 265.56(j)	Any incident which triggers implementation of Contingency Plan.	New Mexico Environment Department, Emergency Response Office, 24-hour telephone: (505) 827-9329 (emergencies); for non-emergencies contact (866) 428-6535 (24 hour voice mail) or Monday to Friday, 8 am to 5 pm: (505) 428- 2500.	NA	Within 15 days: 1) name, address and telephone number of owner/operator; 2) name, address and telephone number of facility; 3) date, time and type of incident (e.g. fire, explosion); 4) name and quantity of materials involved; 5) extent of injuries, if any; 6) possible hazards to human health or the environment; 7) estimated quantity of material that resulted from the incident. Prior to resumption of operations, notify that: 1) no waste that may be incompatible with released material is treated, stored, or disposed of until cleanup is complete, and 2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.	

TABLE F-9HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO

	Chemical	To Whom Percet	What Will	Be Reported
Regulations	Releases Covered	Will Be Made	Immediately (Oral)	Subsequently (Written)
Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1 (20.4.1 NMAC), Subpart V and Subpart VI	RCRA "hazardous waste" releases, fire, or explosion, which could threaten human health or environment outside the facility.	National Response Center: (800) 424-8802; State Emergency Response Commission and (505) 476-9620 (New Mexico State Police, Hazardous Materials Emergency Response)	1) Name and telephone number of reporter; 2) name and telephone number of facility; 3) time and type of incident; 4) name and quantity of material involved; 5) extent of injuries, if any; and 6) possible health or environmental hazards outside the facility.	Prior to resumption of operations, notify that: 1) no waste that may be incompatible with released material is treated, stored, or disposed of until cleanup is complete, and 2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.
20.4.1 NMAC, Subpart V and Subpart VI	Any incident which triggers implementation of Contingency Plan.	New Mexico Environment Department, Emergency Response Office, 24-hour telephone: (505) 827-9329 (emergencies); for non-emergencies contact (866) 428-6535 (24 hour voice mail) or Monday to Friday, 8 am to 5 pm: (505)428-2500.	 Name and telephone number of reporter; 2) name and address of facility; 3) name and quantity of materials involved, to extent known; extent of injuries, if any; and possible hazards to human health or the environment, outside the facility. 	Within 15 days: 1) name, address and telephone number of owner/operator; 2) name, address and telephone number of facility; 3) date, time and type of incident (e.g., fire, explosion); 4) name and quantity of materials involved; 5) extent of injuries, if any; 6) possible hazards to human health or the environment; and 7) estimated quantity of material that resulted from the incident. Prior to resumption of operations, notify that: 1) no waste that may be incompatible with released material is treated, stored or disposed of until cleanup is complete, and 2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.

TABLE F-9HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO

	Chamical	To Whom Benort	What Will	Be Reported
Regulations	Releases Covered	Will Be Made	Immediately (Oral)	Subsequently (Written)
New Mexico Emergency Management Act, Section 74-4B-5	Any accident (spill) involving hazardous materials (including hazardous substances, radioactive substances, or a combination thereof) which may endanger humar health or the environment.	New Mexico Environment Department: (505) 827-9329, State Emergency Response Commission: (505) 476-9681 (New Mexico State Police, Hazardous Materials Emergency Response), and Local Emergency Planning Committee: (<u>575</u> 505) 885-3581	1) Name, address and telephone number of owner or operator; 2) name, address and telephone number of facility; 3) date, time and type of incident; 4) name and quantity of material(s) involved; 5) extent of any injuries; 6) assessment of actual or potential threat to environment or human health; and 7) estimated quantity and disposition of recovered material.	Written submission within one week of time permittees become aware of discharge. Same as oral and description of noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence. Send reports to New Mexico Environment Department, Chief, Ground Water Quality Bureau, P.O. Box 26110, Santa Fe, New Mexico, 87502, New Mexico State Emergency Response Commission Department of Public Safety, Title III Bureau, P.O. Box 1628 Santa Fe, New Mexico, 87504-1628, and Local Emergency Planning Committee, 324 S. Canyon Street, Suite B, Carlsbad, New Mexico 88220.
New Mexico Water Quality Control Commission, Part 1, Section 203	Any discharge from any facility of oil or any other water contaminant in such quantities as may, with reasonable probability, injure or be detrimental to human health, animal or plant life, or property.	Chief, Ground Water Quality Bureau, New Mexico Environment Department, or his counterpart in any constituent agency delegated responsibility for enforcement of the rules as to any facility subject to such delegation (505) 827-2918.	Within 24 hours: 1) the name, address, and telephone number of the person or persons in charge of the facility; 2) the name, address, and telephone number of the owner/operator of the facility; 3) the date, time, location, and duration of the discharge; 4) the source and cause of the discharge; 5) a description of the discharge, including its chemical composition; and 6) the estimated volume of discharge, and immediate damage from the discharge.	Submit within seven days: verification of the prior oral notification, also provide any appropriate additions or corrections to the information contained in the prior oral notification. Within 15 days: submit a written report describing any corrective actions taken and/or to be taken relative to the discharge. Send reports to Chief, Ground Water Quality Bureau, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.

TABLE F-9HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO

	Chaminal	To Million Demost	What Will	Be Reported
Regulations	Releases Covered	Will Be Made	Immediately (Oral)	Subsequently (Written)
New Mexico Underground Storage Tank Regulations-2	Any known or suspected release from an Underground Storage Tank (UST) system, any spill or any other emergency situation.	New Mexico Environment Department Petroleum Storage Tank Bureau (505) 984- 1741.	Within 24 hours: 1) the name, address, and telephone number of the agent in charge of the site at which the UST system is located, as well as the owner/operator of the system; 2) the name and address of the site and the location of the UST system on that site; 3) the date, time, location, and duration of the spill, release, or suspected release; 4) the source and cause of the spill, release, or suspected release; 5) a description of the spill, release, or suspected release, including its chemical composition; 6) the estimated volume of the spill, release, or suspected release; and 7) action taken to mitigate immediate damage from the spill, release, or suspected release.	Mail or deliver within seven days of the incident, a written notice describing the spill, release, or suspected release and any investigation or follow-up action taken or to be taken. Send reports to Petroleum Storage Tank Bureau, New Mexico Environment Department, 2044 Galisteo Street, Santa Fe, New Mexico, 87504.

Item 7 **Description:** Revise Table F-2 to change the heading from "Home Phone" to "Personal Phone"; Change the note from "phone" to "personal phone" and from "application" to "Permit". **Basis:** The change is classified as "Administrative and informational changes" and is therefore a Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42, Appendix I, A.1). **Discussion:** Some of the phone numbers listed are cellular phones and not home phones. This change captures both situations. This change also updates and corrects some phone numbers and the note to Table F-2. **Revised Permit Text:**

E	MERGENCY CO	ORDINATORS	
Name	Address*	Office Phone	Person Home Phone
R. A. (Richard) Marshall (primary) ¹		234-8276 or 234- 8695	
R. C. (Russ) Stroble (primary) ¹		234-8276 or 234- 8554	
M. L. (Tex) Winans (primary) ¹		234-8276 or 234- 8273	
J.E. (Joseph) Bealler ²		234-8276 or 234- 8916	
M.G. (Mike) Proctor ²		234-8 <u>143</u> 457	
G. L. (Gary) Kessler ²		234-8326	
A. E. (Alvy) Williams ¹ (primary)		234-82 <u>7</u> 1 6 or 234- 82 <u>1</u> 76	
P.J. (Paul) Paneral ²		234-8498	
J.R. (Joel) Howard ²		234-8 <u>325</u> 276	
M.L. (Mark) Long ²		234-8170	

TABLE F-2 RESOURCE CONSERVATION AND RECOVERY ACT

*NOTE: Personal information (home addresses and personal phone numbers) has been removed from information copies of this Permit application.

¹ The on-duty Facility Shift Manager is the primary RCRA Emergency Coordinator pursuant to 20.4.1.500 NMAC (incorporating 40 CFR §264.52), and is designated to serve as the RCRA Emergency Coordinator. ² The on-duty Facility Operations Engineer is the alternate RCRA Emergency Coordinator and is available as needed.

Revised forms are included in Attachment B.

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2	
3	Attachment B
4	
5	Revised Figures
6	and United States Environmental Protection Agency
7	RCRA SUBTITLE C SITE IDENTIFICATION FORM
8	
9	
10	
11	



Figure F-10 Waste Handling Building Pre-Fire Survey (First Floor)





Figure F-10a Waste Handling Building Pre-Fire Survey (First Floor – Fire Hydrant/Post Indicator Location)



Figure F-11 Waste Handling Building Pre-Fire Survey (Second Floor)



Figure F-1 WIPP Surface Structures

BLDG./ FAC.#	DESCRIPTION	BLDG./ FAC.#	DESCRIPTION	BLDG./ FAC.#	DESCRIP	TION	
		-		-			
#241	EQUIPMENT SHED	#384	SALT HANDLING SHAFT HOISTHOUSE	#475	GATEHOU	JSE	
#242	GUARDSHACK	#384A	MINING OPERATIONS	#480	VEHICLE	FUEL STATION	
#243	SALT HAULING TRUCKS SHELTER	#411	WASTE HANDLING BUILDING	#481	WAREHO	USE ANNEX	
#245	TRUPACT TRAILER SHELTER	#412	TRUPACT MAINTENANCE BUILDING	#482	EXHAUST	SHAFT HOIST EQUIP. WAREHOUSE	
#246	MgO STORAGE SHELTER	#413	EXHAUST SHAFT FILTER BUILDING	#485	SULLAIR	COMPRESSOR BUILDING	
#253	13.8 KV SWITCHGEAR 25p-SWG15/1	#413A	MONITORING STATION A	#486	ENGINEE	RING BUILDING	
#254.1	AREA SUBSTATION NO. 1 25P-SW15.1	#413B	MONITORING STATION B	#489	TRAINING	BUILDING	
#254.2	AREA SUBSTATION NO. 2 25P-SW15.2	#414	WATER CHILLER FACILITY & BLDG	#H-16	SANDIA T	EST WELL	
#254.3	AREA SUBSTATION NO. 3 25P-SW15.3	#451	SUPPORT BUILDING SAFETY & EMERGENCY SERVICES	#917	AIS MONI	TORING	
#254.4	AREA SUBSTATION NO. 4 25P-SW15.4	#452	FACILITY	#918	VOC TRA	ILER	
#254.5	AREA SUBSTATION NO. 5 25P-SW15.5	#453	WAREHOUSE/SHOPS BUILDING	#918A	VOC AIR MONITORING STATION		
#254.6	AREA SUBSTATION NO. 6 25P-SW15.6	#455	AUXILIARY WAREHOUSE BUILDING	#918B	VOC LAB TRAILER		
#254.7	AREA SUBSTATION NO. 7 25P-SW15.7	#456	WATER PUMPHOUSE	#950	WORK CO	ONTROL TRAILER	
#254.8	AREA SUBSTATION NO. 8 25P-SW15.8	#457N	WATER TANK 25-D-001B	#951	PROCUR	EMENT/PURCHASING	
#254.9	480V SWITCHGEAR (25P-SWGO4/9)	#457S	WATER TANK 25-D-001A	#952	TRAILER		
#255.1	BACK-UP DIESEL GENERATOR #1 25-PE 503	#458	GUARD AND SECURITY BUILDING	#953	MODULAR OFFICE COMPLEX		
#255.2	BACK-UP DIESEL GENERATOR #2 25-PE 504	#459	CORE STORAGE BUILDING	#971	HUMAN R	ESOURCES TRAILER	
#256.4	SWITCHBOARD #4 (25P-SBD04/4)	#463	COMPRESSOR BUILDING	#986 SWR NO.	PUBLICA	TIONS & PROCEDURES TRAILER	
#311	WASTE SHAFT	#465	AUXILIARY AIR INTAKE	6 SWR NO.		SWITCHRACK NO. 6	
#351	EXHAUST SHAFT	#468	TELEPHONE HUT	7 SWR NO.	7A, 7B	SWITCHRACK NO. 7, 7A, 7B	
#361	AIR INTAKE SHAFT	#473	ARMORY BUILDING	7C SWR NO.		SWITCHRACK NO. 7C	
#362	AIR INTAKE SHAFT/HOIST HOUSE	#474	HAZARDOUS WASTE STORAGE FACILITY	10 SWR NO.		SWITCHRACK NO. 10	
#363	AIR INTAKE SHAFT/WINCH HOUSE EFFLUENT MONITORING INSTRUMENT	#474A	HAZARDOUS WASTE STORAGE BUILDING	11 SWR NO.		SWITCHRACK NO. 11	
#364	SHED A EFFLUENT MONITORING INSTRUMENT	#474B	HAZARDOUS WASTE STORAGE BUILDING	12 SWR NO.		SWITCHRACK NO. 12	
#365	SHED B	#474C	OIL & GREASE STORAGE BUILDING	15		SWITCHRACK NO. 15	
#366	AIR INTAKE SHAFT HEADFRAME	#474D	GAS BOTTLE STORAGE BUILDING				
#371	SALT HANDLING SHAFT	#474E	HAZARD MATERIAL STORAGE BUILDING				
#372	SALT HANDLING SHAFT HEADFRAME	#474F	WASTE OIL RETAINER				



Figure F-6 Fire-Water Distribution System



Figure F-8 WIPP On-Site Assembly Areas and WIPP Staging Areas



Figure G-2 WIPP Traffic Flow Diagram

SEND COMPLETED FORM TO:	United States Environmental P	Agency									
The Appropriate State or EPA Regional Office.	RCRA SUBTITLE C SITE IDENT	IFICAT	ION FORM								
1. Reason for Submittal	Reason for Submittal:	Activity (to	obtain an EPA ID Numbe	or for bazardous							
(See instructions on page 14.)	(See instructions on page 14.) waste, universal waste, or used oil activities)										
MARK ALL BOX(ES)	To provide Subsequent Notification of Regulated V	Waste Activ	vity (to update site identifi	cation information)							
THAT APPLY	As a component of a First RCRA Hazardous Wast	te Part A P	ermit Application								
	As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Ame										
	As a component of the Hazardous Waste Report										
2. Site EPA ID Number (page 15)	EPA ID Number										
3. Site Name (page 15)	Name:										
4. Site Location	Street Address:										
Information (page 15)	City, Town, or Village:		State:								
	County Name:		Zip Code:								
5. Site Land Type (page 15)	Site Land Type: Private County District Federal Indian Municipal State Other										
6. North American Industry Classification	A. I	I									
System (NAICS) Code(s) for the Site (page 15)	C. I	D.		I							
7. Site Mailing	Street or P. O. Box:										
Address (page 16)	City, Town, or Village:										
	State:										
	Country:		Zip Code:								
8. Site Contact Person	First Name:	MI:	Last Name:								
(page 16)	Phone Number: Extension:		Email address:								
9. Operator and Legal Owner	A. Name of Site's Operator:		Date Became Operato	r (mm/dd/yyyy):							
of the Site (pages 16 and 17)	Operator Type: D Private D County D District	Federal	🗖 Indian 📮 Municipal	State D Other							
	B. Name of Site's Legal Owner:		Date Became Owner (mm/dd/yyyy):							
	Owner Type: Derivate County District	Federal	Indian I Municipal	□ State □ Other							

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9. Legal Owner	Street or P. O. Box:											
(Continued) Address	City, Town, or Village:											
	State:											
	Country:				Zip Code:							
10. Type of Regulated Mark "Yes" or "No	Waste Activity " for all activities; complete	dditional boxes a	s instructed	. (See instructions on pages 18 to 21.)								
A. Hazardous Was Complete all pa	te Activities rts for 1 through 6.											
Y II N II 1. Generator of	of Hazardous Waste			YONO2	2. Transporter of Hazardous Waste							
If "Yes", cr □ a. LQG:	Greater than 1,000 kg/mo (2	i, b, or c. is./mo.)	YONDS	 Treater, Storer, or Disposer of Hazardous Waste (at your site) Note: 								
	of non-acute hazardous was	ste; or			A hazardous waste permit is required for this activity							
D b. SQG:	100 to 1,000 kg/mo (220 - 2, of non-acute hazardous was	,200 lb: ste; or	s./mo.)	YONO4	I. Recycler of Hazardous Waste (at your							
🗖 c. CESC	QG: Less than 100 kg/mo (22 of non-acute hazardous v	no.)	YONO (site) 5. Exempt Boiler and/or Industrial								
In addition, i	ndicate other generator acti			Furnace If "Yes", mark each that applies.								
Y 🗖 N 🗖 d. Unite	d States Importer of Hazardo	us Was	ste		a. Small Quantity On-site Burner Exemption							
Y 🗅 N 🗅 e. Mixeo	d Waste (hazardous and radic) Generator		b. Smelting, Melting, and Refining Furnace Exemption								
				Y IN I 6. Underground Injection Control								
B. Universal Waste	e Activities			C. Used Oil Activities Mark all boxes that apply.								
Y □ N □ 1. Large Quar 5,000 kg or determine v waste gene mark all bo	ntity Handler of Universal W more) [refer to your State r what is regulated]. Indicate erated and/or accumulated a xes that apply:	aste (a regulat types t your	accumulate tions to of universal site. If "Yes",	Y IN I. Used Oil Transporter If "Yes", mark each that applies. I a. Transporter I b. Transfer Facility								
a. Batteries	<u></u>			Y 🗆 N 🖬 2	. Used Oil Processor and/or Re-refiner If "Yes", mark each that applies.							
b. Pesticides	ι				a. Processor b. Re-refiner							
c. Thermosta	ts											
d. Lamps	ι			Y 🖸 N 🖬 3	. Off-Specification Used Oil Burner							
e. Other (spe	cify)			Y 🗆 N 🗆 4	. Used Oil Fuel Marketer							
f. Other (spe	cify)			If "Yes", mark each that applies.								
g. Other (spe	cify)				 Off-Specification Used Oil to Off-Specification Used Oil Burner b. Marketer Who First Claims the 							
Y D N D 2. Destination Note: A hazar	Facility for Universal Waster rdous waste permit may be re	e quired	for this activity.		Used Oil Meets the Specifications							

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EPA ID NO:	1	11			I			1	I
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11. Description of	of Hazardous Waste	s (See instruction	ns on page 22.)							
A. Waste Code handled at y additional pa	es for Federally Reg our site. List them ir age if more spaces a	ulated Hazardou the order they are re needed.	s Wastes. Please li presented in the reg	st the waste codes gulations (e.g., D00	of the Federal hazardo 1, D003, F007, U112).	ous wastes Use an				
I I I I I B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.										
12. Comments (S	See instructions on	page 22.)	•							
13. Certification. in accordance with on my inquiry of th information submit penalties for subm For the RCRA Haz (See instructions	I certify under pena a system designed e person or persons ted is, to the best of itting false informatic ardous Waste Part A on page 22.)	ity of law that this of to assure that qual who manage the s my knowledge and n, including the po A Permit Applicatio	document and all atta ified personnel prope system, or those person l belief, true, accurat ssibility of fine and in n, all operator(s) and	achments were prep erly gather and eval sons directly respon e, and complete. I a mprisonment for kno d owner(s) must sig	bared under my direction uate the information so sible for gathering the arm aware that there are bowing violations. n (see 40 CFR 270.10	on or supervision ubmitted. Based information, the e significant (b) and 270.11).				
Signature of oper authorized repres	rator, owner, or an sentative	Name and Off	icial Title (type or p	print)		Date Signed (mm/dd/yyyy)				
EDA Form 0700	22 (Daviand 2/200	5)								

Hazardous Waste Codes (Continued)

EPA ID No.: NM4890139088								
Hazardous Waste Numbers								
D027								
D020								
D029								
D030								
D032								
D034								
D035								
D036								
D037								
D038								
D039								
D040								
D043								
P015								
U002								
U019								
U037								
U043								
U044								
U052								
U070								
U072								
U078								
U079								
U105								
U122								
U133								
U151								
U154								
U159								
U196								
U209								
U210								
U220								
U226								
U228								
U239								
P120								
U134								
D033								
P030								
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United States Environmental Protection Agency HAZARDOUS WASTE PERMIT INFORMATION FORM

1.	Facility Permit Contact (See	Firs	st Na	ame):												MI:	Last Name:
	instructions on page 23)	Pho	one	Nur	nbei	:												Phone Number Extension:
2.	Facility Permit Contact Mailing	Stre	eet (or P	.O. I	Box:												
	Address (See instructions on	City	у, Т о	own	, or	Villa	ge:											
	page 23)	Sta	te:															
		Cοι	untr	y:														Zip Code:
3.	Operator Mailing Address and	Stre	eet (or P	.O. I	Box:												
	Telephone Number (See instructions on	City	у, То	own	, or	Villa	ge:											
	page 23)	Sta	State:															
		Country:									z	ip Co	de:				Phone Number	
4.	Legal Owner Mailing Address and	Stre	eet (or P	.O. I	Box:												·
	Telephone Number (See instructions on	City, Town, or Village:																
	page 23)	Sta	State:															
		Cοι	untr	у:								z	ip Co	de:				Phone Number
5.	Facility Existence Date (See instructions on page 24)	Fac	ility	/ Ex	ister	nce l	Date	(mn	n/dd	/ууу	y):							•
6.	Other Environmental P	ermi	its (See	inst	ruct	ions	on	page	ə 24)								
	A. Permit Type (Enter code)					В.	Per	nit l	Num	ber								C. Description
															_			
															_			
															_			
7.	Nature of Business (Pr	ovid	e a	brie	fde	scrit	otion	: se	e ins	struc	tior	าร	on pa	ae 2	24)			

8. Process Codes and Design Capacities (See instructions on page 24) - Enter information in the Sections on Form Page 3.

A. PROCESS CODE - Enter the code from the list of process codes in the table below that best describes each process to be used at the facility. Fifteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), enter the process information in Item 9 (including a description).

- B. PROCESS DESIGN CAPACITY- For each code entered in Section A, enter the capacity of the process.
 - 1. AMOUNT Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
 - 2. UNIT OF MEASURE For each amount entered in Section B(1), enter the code in Section B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.

C. F	PROCESS TOTAL	NUMBER OF UNITS	 Enter the total number of it 	units for each corre	spondina process code.
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PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	Disposal:			Treatment (continued):	
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81 T82	Cement Kiln Lime Kiln	For T81-T93:
D80	Landfill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T83 T84 T85	Aggregate Kiln Phosphate Kiln Coke Oven	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour: Matrie Tons Per Day: Matrie
D81	Land Treatment	Acres or Hectares	T86	Blast Furnace	Tons Per Hour; Short Tons Per Day; Btu
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T87	Smelting, Melting, or Refining	Per Hour; Liters Per Hour; Kilograms Per
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Furnace Titanium Dioxide Chloride Oxidation Reactor	Hour; or Million Btu Per Hour
D99	Other Disposal Storage:	Any Unit of Measure in Code Table Below	Т89	Methane Reforming Furnace Pulping Liquor Recovery	
\$01	<u>Storage</u> . Container	Callons: Liters: Cubic Meters: or Cubic Vards	T90 T01	Furnace	
S01 S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	191	The Recovery Of Sulfur Values From Spent Sulfuric Acid	
S03	Waste Pile	Cubic Yards or Cubic Meters	T92	Halogen Acid Furnaces	
S04	Surface Impoundment Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	193	Other Industrial Furnaces Listed In 40 CFR §260.10	
S05	Drip Pad	Gallons; Liters; Acres; Cubic Meters; Hectares; or Cubic Yards	T94	Containment Building - Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons
S06	Containment Building Storage	Cubic Yards or Cubic Meters			Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per
S99	Other Storage	Any Unit of Measure in Code Table Below			Hour
	Treatment:			<u> Miscellaneous (Subpart X)</u> :	
T01	Tank Treatment	Gallons Per Day; Liters Per Day	X01	Open Burning/Open Detonation	Any Unit of Measure in Code Table Below
Т02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day: Pounds Per Hour: Kilograms Per
Т03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour;			Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
		Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour: Metric Tons Per Day; Metric
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour;			Tons Per Hour; Short Tons Per Day; Btu Per Hour; or Million Btu Per Hour
		Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Day; Liters Per Hour; or Million Btu Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per	X99	Other Subpart X	Any Unit of Measure Listed Below
		Hour: Btu Per Hour: or Million Btu Per Hour			

UNIT OF UNIT OF	UNIT OF	UNIT OF	UNIT OF	UNIT OF
MEASURE MEASURE CODE	MEASURE	MEASURE CODE	MEASURE	MEASURE CODE
Gallons.GGallons Per Hour.EGallons Per Day.ULiters.LLiters Per Hour.HLiters Per Day.V	Short Tons Per Hour	D	Cubic Yards	Y
	Metric Tons Per Hour	W	Cubic Meters	C
	Short Tons Per Day	N	Acres	B
	Metric Tons Per Day	S	Acre-feet	A
	Pounds Per Hour	J	Hectares	Q
	Kilograms Per Hour	R	Hectare-meter	F
	Million Btu Per Hour	X	Btu Per Hour	I

				B. PROCESS DESIGN CAPAC							
e ber	Proc (Fron	A. ess (n list a	Code	(1) Amount (Specify)	of Process 7 Number) Units	otal of	For (Official Us	se Only		
1	S	0	2	5 3 3	.788	G	0 0	1			
1											
2											
3											
4											
5											
6											
7					•						
8											
9											
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1					•						
2								_			
3					•						
4					•			_			
the I ner P	ines s Proces	sequ sses	entiall (See i	y, taking into account any lines that will be used for " nstructions on page 25 and follow instructions from I	other" pro tem 8 for	ocesses (i.e. D99, S99, T0	, D99, S99, T04 4 and X99 proc	and X99 ess cod	9) in Iten les)	n 9.	
e ber				B. PROCESS DESIGN CAPACITY	/		C.				
ts in nce	Proc	A. ess (Code		(2) L Mea	Init of Isure	Number of	-	Desert		
m 8) 2	(Fron	n list a	bove)	(1) Amount (Specify)	(Ente	r code)		D. Description of Process			
2	'	0	4	100.000		0	001	<i>m-sn</i>	u viunic	alion	
						I					
	Per 1 1 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 1 1 2 1 1 1 2 1 1 1 1 2 1 <	Proc. per (From 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 3 - 4 - 5 - 6 - 7 - 8 - 9 - 0 1 2 - 3 - 4 - 5 - 0 - 1 - 2 - - - - - - - - - - - - - - - - - - - - - - - - - - - -	Process ((From list a) 1 S 0 1 S	Process Code (From list above) 1 S 0 2 1 S 0 2 1 S 0 2 1 S 0 2 1 S 0 2 1 S 0 2 3 S S S 6 S S S 7 S S S 9 S S S 0 S S S 1 S S S 2 S S S 0 S S S 1 S S S 1 S S S 1 S S S 1 S S S 2 T 0 4 1 S S S 1 S S S S 2 T 0 4 1 S<	Process Code (From list above) (1) Amount (Specify) 1 S 0 2 2 . . 3 . . 4 . . 5 . . 6 . . 7 . . 8 . . 9 . . 1 . . 2 . . 8 . . 9 . . 1 . . 2 . . 3 . . 4 . . 2 . . 3 . . 4 . . 5 . . NOTE: If you need to list more than 15 process codes, attach an additiona the lines sequentially, taking into account any lines that will be used for " ter Processes Code . 10 . . 2 7 0 4 <t< td=""><td>Process Code (1) Amount (specify) 1 S 0 2 5 3 3 7 8 8 2 3 4 5 .<!--</td--><td>Process Code (1) Amount (specify) Measure (tener code) 1 0 2 5 3 3 7 8 8 G 1 1 0 2 .</td><td>Process Code (transitional show) (1) Amount (specify) Measure (Enter code) Measure (Enter code) Units 1 S 0 2 5 3 3 7 8 8 G 0 0 1 S 0 2 . <t< td=""><td>Process Code (1) Amount (specify) Measure (error list above) Measure (error list</td><td>Process Code (room listabove) (1) Amount (Specify) Measure (Ether code) Units' (Ether code) For (0 1 I <tdi< td=""> I I</tdi<></td><td>arr Measure (room statewow) Measure (mathewow) Measure (mathewow)<</td></t<></td></td></t<>	Process Code (1) Amount (specify) 1 S 0 2 5 3 3 7 8 8 2 3 4 5 . </td <td>Process Code (1) Amount (specify) Measure (tener code) 1 0 2 5 3 3 7 8 8 G 1 1 0 2 .</td> <td>Process Code (transitional show) (1) Amount (specify) Measure (Enter code) Measure (Enter code) Units 1 S 0 2 5 3 3 7 8 8 G 0 0 1 S 0 2 . <t< td=""><td>Process Code (1) Amount (specify) Measure (error list above) Measure (error list</td><td>Process Code (room listabove) (1) Amount (Specify) Measure (Ether code) Units' (Ether code) For (0 1 I <tdi< td=""> I I</tdi<></td><td>arr Measure (room statewow) Measure (mathewow) Measure (mathewow)<</td></t<></td>	Process Code (1) Amount (specify) Measure (tener code) 1 0 2 5 3 3 7 8 8 G 1 1 0 2 .	Process Code (transitional show) (1) Amount (specify) Measure (Enter code) Measure (Enter code) Units 1 S 0 2 5 3 3 7 8 8 G 0 0 1 S 0 2 . <t< td=""><td>Process Code (1) Amount (specify) Measure (error list above) Measure (error list</td><td>Process Code (room listabove) (1) Amount (Specify) Measure (Ether code) Units' (Ether code) For (0 1 I <tdi< td=""> I I</tdi<></td><td>arr Measure (room statewow) Measure (mathewow) Measure (mathewow)<</td></t<>	Process Code (1) Amount (specify) Measure (error list above) Measure (error list	Process Code (room listabove) (1) Amount (Specify) Measure (Ether code) Units' (Ether code) For (0 1 I <tdi< td=""> I I</tdi<>	arr Measure (room statewow) Measure (mathewow) Measure (mathewow)<

10. Description of Hazardous Wastes (See instructions on page 25) - Enter information in the Sections on Form Page 5.

- A. EPA HAZARDOUS WASTE NUMBER Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR Part 261, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY For each listed waste entered in Section A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in Section A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE For each quantity entered in Section B, enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	Р	KILOGRAMS	к
TONS	Т	METRIC TONS	М

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure, taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in Section A, select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the listed hazardous wastes.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in Section A, select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

- 1. Enter the first two as described above.
- 2. Enter "000" in the extreme right box of Item 10.D(1).
- 3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in Item 10.E.
- 2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in Item 10.D(2) or in Item 10.E(2).

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- 1. Select one of the EPA Hazardous Waste Numbers and enter it in Section A. On the same line complete Sections B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- 2. In Section A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In Section D(2) on that line enter "included with above" and make no other entries on that line.
- 3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING Item 10 (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operations. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

		A. B. EPA Estimated				B. Estimated	C.				ES												
Liı Num	ne Iber	Waste No. er (Enter code)			s e)	Quantity of Waste	Measure (Enter code)			(1) PRC	OCESS	CODE	S (Ente	r code)		(2) PROCESS DESCRIPTION- (If a code is not entered in D(1))							
Х	1	κ	0	5	4	900	Р	Т	0	3	D	8	0										
Х	2	D	0	0	2	400	Р	т	0	3	D	8	0										
Х	3	D	0	0	1	100	Р	т	0	3	D	8	0										
Х	4	D	0	0	2											Included With Above							

10. Descrip		ption	of H	lazar	dous	Wastes (Con	tinued. Use th	e Additional Sheet(s) as necessary; number pages as 5 a, etc.)										
	Line Number			۹. ۵۸		B. Estimated		D. PROCESSES										
Li. Nun			Hazardous Waste No. (Enter code)			Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)			(1) PR(DCESS		(2) PROCESS DESCRIPTION (If a code is not entered in D(1))					
	1																	
	2																	
	3																	
	4																	
	5																	
	6																	
	7																	
	8																	
	9																	
1	0																	
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3	4	+																
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3	6	+																
2	7	+																
3	י פ	-				ļ	+											
2	0			-		ļ		-				+	-					
3	3	1	1	1	1		1	I		1		1	1	1	1	1		

	Line Number		4	۹.		B.		E. PROCESSES										
Li. Nun			EPA Hazardous Waste No. (Enter code)			Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)			(1) PR(OCESS		(2) PROCESS DESCRIPTION (If a code is not entered in E(1))					
4	0																	
		-																
		-																
		_																
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		1		1	1		1		1	1			1				1	

11. Map (See instructions on pages 25 and 26)

Attach to this application a topographic 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 and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

12. Facility Drawing (See instructions on page 26)

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

13. Photographs (See instructions on page 26)

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).

14. Comments (See instructions on page 26)

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8. PROCESS—CODES AND DESIGN CAPACITIES (continued)

The Waste Isolation Pilot Plant (WIPP) geologic repository is defined as a "miscellaneous unit" under 40 CFR §260.10. "Miscellaneous unit" means a hazardous waste management unit where hazardous waste is treated, stored, or disposed of and that is not a container, tank, surface impoundment, waste pile, land treatment unit, landfill, incinerator, containment building, boiler, industrial furnace, or underground injection well with appropriate technical standards under 40 CFR Part 146, corrective action management unit, or unit eligible for research, development, and demonstration permit under 40 CFR §270.65. The WIPP is a geologic repository designed for the disposal of defense-generated transuranic (TRU) waste. Some of the TRU wastes disposed of at the WIPP contain hazardous wastes as co-contaminants. More than half the waste to be disposed of at the WIPP also meets the definition of debris waste. The debris categories include manufactured goods, biological materials, and naturally occurring geological materials. Approximately 120,000 cubic meters (m³) of the 175,600 m³ of WIPP wastes is categorized as debris waste. The geologic repository has been divided into ten discrete hazardous waste management units (HWMU) which are being permitted under 40 CFR Part 264, Subpart X.

During the Disposal Phase of the facility, which is expected to last 25 years, the total amount of waste received from off-site generators and any derived waste will be limited to 175,600 m³ of TRU waste of which up to 7,080 m³ may be remote-handled (RH) TRU mixed waste. For purposes of this application, all TRU waste is managed as though it were mixed.

On March 25, 1996, the DOE reached the conclusion that in order to comply with 40 CFR 191 §13 which regulates the long-term release of radionuclides from a geologic disposal facility, it is necessary to add magnesium oxide to each disposal room. This additive is to be placed as a backfill. The function of the backfill is to chemically alter the composition of brine that may accumulate in the disposal region. The result of the chemical alteration is to significantly reduce the solubility of the prevalent TRU radionuclides.

The process design capacity for the miscellaneous unit (composed of ten underground HWMUs in the geologic repository) shown in Section XII B, is for the maximum amount of waste that may be received from off-site generators plus the maximum expected amount of derived wastes that may be generated at the WIPP facility. In addition, two HWMUs have been designated as container storage units (S01) in Section XII. One is inside the Waste Handling Building (WHB) and consists of the contact-handled (CH) bay, waste shaft conveyance loading room, waste shaft conveyance entry room, RH bay, cask unloading room, hot cell, transfer cell, and facility cask loading room. This HWMU will be used for waste receipt, handling, and storage (including storage of derived waste) prior to emplacement in the underground geologic repository. No treatment or disposal will occur in this S01 HWMU. The capacity of this S01 unit for storage is 194.1 m³, based on 36 ten-drum overpacks on 18 facility pallets, four CH Packages at the TRUDOCKs, one standard waste box of derived waste, two loaded casks and one 55-gallon drum of derived waste in the RH Bay, one loaded cask in the Cask Unloading Room, 13 55gallon drums in the Hot Cell, one canister in the Transfer Cell and one canister in the Facility Cask Unloading Room. The second S01 HWMU is the parking area outside the WHB where the Contact- and Remote-Handled Package trailers and the road cask trailers will be parked awaiting waste handling operations. The capacity of this unit is 50 Contact-Handled Packages and twelve Remote-Handled Packages with a combined volume of 242 m³. The HWMUs are shown in Appendix O3 as Figures O3-2, O3-3, and O3-4.

During the ten year period of the permit, up to 129,750 m³ of CH TRU mixed waste could be emplaced in Panels 1 to 7 and up to 1,985 m³ of RH TRU mixed waste could be emplaced in Panels 4 to 7. Panels 8, 9 and 10 will be constructed under the initial term of this permit. These latter areas will not receive waste for disposal under this permit.

RCRA PART A APPLICATION CERTIFICATION

The U.S. Department of Energy (DOE), through its Carlsbad Field Office, has signed as "owner and operator," and Washington TRU Solutions LLC, the Management and Operating Contractor (MOC), has signed this application for the permitted facility as "co-operator."

The DOE has determined that dual signatures best reflect the actual apportionment of Resource Conservation and Recovery Act (RCRA) responsibilities as follows:

The DOE's RCRA responsibilities are for policy, programmatic directives, funding and scheduling decisions, Waste Isolation Pilot Plant (WIPP) requirements of DOE generator sites, auditing, and oversight of all other parties engaged in work at the WIPP, as well as general oversight.

The MOC's RCRA responsibilities are for certain day-to-day operations (in accordance with general directions given by the DOE and in the Management and Operating Contract as part of its general oversight responsibility), including, but not limited to, the following: certain waste handling, monitoring, record keeping, certain data collection, reporting, technical advice, and contingency planning.

For purposes of the certification required by Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1 (20.4.1 NMAC), Subpart IX, §270.11(d), the DOE's and the MOC's representatives certify, under penalty of law that this document and all attachments were prepared under their direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on their 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 their knowledge and belief, true, accurate, and complete for their respective areas of responsibility. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner and Operator Signature:

Title:	Manager, Carlsbad Field Office
for:	U.S. Department of Energy
Date:	· · ·

Co-Operator Signature: Title:

alaio.	
Title:	General Manager
for:	Washington TRU Solutions LLC
Date:	