



**Department of Energy**  
 Carlsbad Field Office  
 P. O. Box 3090  
 Carlsbad, New Mexico 88221  
 January 9, 2004

ENTERED



Mr. Steve Zappe, Project Leader (WIPP)  
 Hazardous Waste Permits Program  
 Hazardous Waste Bureau  
 New Mexico Environment Department  
 2909 E. Rodeo Dr. Bldg 1  
 Santa Fe, New Mexico 87502-6303

Subject: Notification of a Class 1 Permit Modification to the Hazardous Waste Facility Permit,  
 Permit Number: NM4890139088-TSDF For a Change in the Department of Energy  
 Manager

Dear Mr. Zappe:

The purpose of this letter is to submit this notification of a Class 1 modification to the Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Number: NM4890139088-TSDF. The proposed change does not compromise worker safety, human health, or the environment. The purpose of this modification is to:

Change the name of the Manager of the Department of Energy, Carlsbad Field Office, effective January 12, 2004.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

\_\_\_\_\_  
**Dr. Inés Triay, CBFO Manager**  
 U. S. Department of Energy

\_\_\_\_\_  
**S.D. Warren, General Manager**  
 Washington TRU Solutions LLC

Enclosure

cc: (with Attachment)  
 C. Walker, Trinity Engineering

cc: (without Attachment)  
 S. Martin, NMED  
 J. Kieling, NMED



**Class 1 Permit Modification Notification**

**Change in Department of Energy, Carlsbad Field Office Manager**

**Waste Isolation Pilot Plant  
Carlsbad, New Mexico**

**WIPP HWFP #NM4890139088-TSDF**

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## **Acronyms and Abbreviations**

CBFO	Carlsbad Field Office
CFR	Code of Federal Regulations
DOE	Department of Energy
HWFP	Hazardous Waste Facility Permit
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
PMN	Permit Modification Notification
RCRA	Resource Conservation and Recovery Act
TSDf	Treatment, Storage and Disposal Facility
WIPP	Waste Isolation Pilot Plant
WTS	Washington TRU Solutions LLC

## Overview of the Permit Modification Notification

This document contains one Class 1 Permit Modification Notification (**PMN**) to the Hazardous Waste Facility Permit (**HWFP**) at the Waste Isolation Pilot Plant (**WIPP**), Permit Number NM4890139088-TSDF hereinafter referred to as the WIPP HWFP.

This PMN is being submitted by the U.S. Department of Energy (**DOE**), Carlsbad Field Office (**CBFO**) and Washington TRU Solutions LLC (**WTS**), collectively referred to as the Permittees, in accordance with the WIPP HWFP, Condition I.B.1 (20.4.1.900 New Mexico Administrative Code (**NMAC**) incorporating Title 40 of the Code of Federal Regulations (40 **CFR**) §270.42(a)). The PMN in this document is necessary to notify the New Mexico Environment Department (**NMED**) of a change in the DOE Manager of the Carlsbad Field Office. This change does not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The requested modification to the WIPP HWFP and related supporting documents are provided in this PMN. The proposed modification to the text of the WIPP HWFP has been identified using a double underline and revision bar in the right hand margin for added information, and a ~~strikeout~~ font for deleted information. All direct quotations are indicated by italicized text.

**Attachment A**

**Description of the Class 1 Permit Modification Notification**

**Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification**

<b>No.</b>	<b>Affected Permit Section</b>	<b>Item</b>	<b>Category</b>	<b>Attachment A Page #</b>
1	a. Attachment A b. Attachment O	Name Change for the Department of Energy Manager	A.1	A-3

## Item 1

### Description:

Revise the HWFP to change the Department of Energy, Carlsbad Field Office Manager from Dr. Ines Triay to Mr. Lloyd L. Piper, II, effective January 12, 2004.

### Basis:

The change is administrative and informational in nature and is therefore a Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42, Appendix I, A.1).

### Discussion:

On January 12, 2004, Dr. Ines Triay was replaced by Mr. Lloyd L. Piper, II, as the Acting Manager and responsible official for the Carlsbad Field Office. This HWFP change is necessary as Mr. Piper becomes the signatory authority for the Department of Energy, Carlsbad Field Office.

### Revised Permit Text:

a.1. Attachment A, Section A-1

NAME OF FACILITY:	Waste Isolation Pilot Plant
OWNER and CO-OPERATOR:	U.S. Department of Energy P.O. Box 3090 Carlsbad, NM 88221
CO-OPERATOR:	Washington TRU Solutions LLC P.O. Box 2078 Carlsbad, NM 88221
RESPONSIBLE OFFICIALS:	<del>Ines Triay</del> <u>Lloyd L. Piper, II, Acting Manager</u> DOE/Carlsbad Field Office Dr. Steven Warren, General Manager Washington TRU Solutions LLC
FACILITY MAILING ADDRESS:	U.S. Department of Energy P.O. Box 3090 Carlsbad, NM 88221
FACILITY LOCATION:	30 miles east of Carlsbad on the Jal Highway, in Eddy County.



FACILITY LOCATION: 30 miles east of Carlsbad on the Jal Highway, in Eddy County.

TELEPHONE NUMBER: 505/234-7300

U.S. EPA I.D. NUMBER: NM4890139088



GEOGRAPHIC LOCATION: 32° 22' 30" N  
103° 47' 30" W

DATE OPERATIONS BEGAN: November 26, 1999

b.1. Attachment O, Part A Application

A revised Part A Application is included in Attachment B

**Attachment B**  
**Attachment O, Part A**

<p><b>For EPA Regional Use Only</b></p>	 United States Environmental Protection Agency Washington, DC 20460 <h2 style="margin: 0;">Hazardous Waste Permit Application Part A</h2> <p><i>(Read the Instructions before starting)</i></p>																																																																																																																																																															
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EPA ID Number (Enter from page 1)

Secondary ID Number (Enter from page 1)

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**XI. Nature of Business (Provide a brief description)**

The Waste Isolation Pilot Plant (WIPP) is a U.S. Department of Energy facility intended to demonstrate the technical and operational principles involved in the permanent isolation and disposal of defense-generated transuranic waste. For purposes of RCRA, WIPP operations entail receiving, unloading, and transferring radioactive-mixed waste from the surface of the site to the underground hazardous waste management units. Waste will be emplaced in an underground geologic repository horizon located in a deep-bedded salt formation approximately 2,150 feet beneath the surface.

**XII. Process Codes and Design Capacities**

**A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Thirteen 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), describe the process (including its design capacity) in the space provided in item XIII.**

**B. PROCESS DESIGN CAPACITY - For each code entered in column 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 column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.**

**C. PROCESS TOTAL NUMBER OF UNITS - Enter the total number of units used with the corresponding process code.**

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<u>Disposal:</u>					
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Liters Per Hour; Kilograms Per Hour; or Million Btu Per Hour
D80	Landfill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	
<u>Storage:</u>					
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T87	Smelting, Melting, Or Refining Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Hour; Liters Per Hour; or Million Btu Per Hour
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S03	Waste Pile	Cubic Yards or Cubic Meters	T89	Methane Reforming Furnace	
S04	Surface Impoundment Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T90	Pulping Liquor Recovery Furnace	
S05	Drip Pad	Gallons; Liters; Acres; Cubic Meters; Hectares; or Cubic Yards	T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T92	Halogen Acid Furnaces	
S99	Other Storage	Any Unit of Measure Listed Below	T93	Other Industrial Furnaces Listed in 40 CFR §260.10	
<u>Treatment:</u>					
T01	Tank Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; or Metric Tons Per Hour	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 Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
T02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; or Metric Tons Per Hour	<u>Miscellaneous (Subpart X):</u>		
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; 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	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms 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	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; Btu 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 Tons Per Hour; Short Tons Per Day; Btu Per Hour; or Million Btu Per Hour
			X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
			X99	Other Subpart X	Any Unit of Measure Listed Below

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons	G	Short Tons Per Hour	D	Cubic Yards	Y
Gallons Per Hour	E	Metric Tons Per Hour	W	Cubic Meters	C
Gallons Per Day	U	Short Tons Per Day	N	Acres	B
Liters	L	Metric Tons Per Day	S	Acre-feet	A
Liters Per Hour	H	Pounds Per Hour	J	Hectares	Q
Liters Per Day	V	Kilograms Per Hour	R	Hectare-meter	F
		Million Btu Per Hour	X	Btu Per Hour	I

<b>EPA ID Number (Enter from page 1)</b>										<b>Secondary ID Number (Enter from page 1)</b>													
N	M	4	8	9	0	1	3	9	0	8	8												

**XII. Process Codes and Design Capabilities (Continued)**

**EXAMPLE FOR COMPLETING ITEM XII (shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.**

Line Number	A. Process Code <small>(From list above)</small>				B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	For Official Use Only			
					1. Amount (Specify)	2. Unit Of Measure <small>(Enter code)</small>					
X 1	S	0	2		533,788	G	001				
1	X	0	4		175,600 Total (54,064 in 10 years)	C	010				
2					See attached page for additional process information						
3	S	0	1		91.9	C	001				
4					WHB Container Storage Unit See attached page for additional process information						
5	S	0	1		47.1	C	001				
6					Parking Area Container Storage Unit See attached page for additional process information						
7											
8											
9											
10											
11											
12											
13											

**NOTE: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in item XIII.**

**XIII. Other Processes (Follow instructions from item XII for D99, S99, T04 and X99 process codes)**

Line Number <small>(Enter #s in seq w/XII)</small>	A. Process Code <small>(From list above)</small>				B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	D. Description Of Process
					1. Amount (Specify)	2. Unit Of Measure <small>(Enter code)</small>		
X 1	T	0	4				In-situ Vitrification	
1								
2								
3								
4								

EPA ID Number (Enter from page 1)										Secondary ID Number (Enter from page 1)													
N	M	4	8	9	0	1	3	9	0	8	8												

**XIV. Description of Hazardous Wastes**

- 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 column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column 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 column 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	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

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 column A select the code(s) from the list of process codes contained in item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.
    - For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in item XII A. 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 XIV-D(1).
    - 3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in item XIV-E.

- 2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form (D.(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 column A. On the same line complete columns 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 column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column 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 XIV (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 operation. 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.**

Line Number	A. EPA HAZARD WASTE NO. (Enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (Enter code)	D. PROCESS									
	(1) PROCESS CODES (Enter)							(2) PROCESS DESCRIPTION (if a code is not entered in D(1))								
X 1	K	0	5	4	900	p	T	0	3	D	8	0				
X 2	D	0	0	2	400	P	T	0	3	D	8	0				
X 3	D	0	0	1	100	P	T	0	3	D	8	0				
X 4	D	0	0	2										Included With Above		

<b>EPA ID Number (Enter from page 1)</b>												<b>Secondary ID Number (Enter from page 1)</b>											
N	M	4	8	9	0	1	3	9	0	8	8												

**XIV. Description of Hazardous Wastes (Continued; use additional sheets as necessary)**

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Quantity 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 D(1))						
1	U	0	0	2	344	M	X	0	4	S	0	1	S	0	1		
2	U	0	1	9	344	M	X	0	4	S	0	1	S	0	1		
3	U	0	3	7	344	M	X	0	4	S	0	1	S	0	1		
4	U	0	4	3	344	M	X	0	4	S	0	1	S	0	1		
5	U	0	4	4	344	M	X	0	4	S	0	1	S	0	1		
6	U	0	5	2	344	M	X	0	4	S	0	1	S	0	1		
7	U	0	7	0	344	M	X	0	4	S	0	1	S	0	1		
8	U	0	7	2	344	M	X	0	4	S	0	1	S	0	1		
9	U	0	7	8	344	M	X	0	4	S	0	1	S	0	1		
10	U	0	7	9	344	M	X	0	4	S	0	1	S	0	1		
11	U	1	0	5	344	M	X	0	4	S	0	1	S	0	1		
12	U	1	2	2	344	M	X	0	4	S	0	1	S	0	1		
13	U	1	3	3	344	M	X	0	4	S	0	1	S	0	1		
14	U	1	5	1	344	M	X	0	4	S	0	1	S	0	1		
15	U	1	5	4	344	M	X	0	4	S	0	1	S	0	1		
16	U	1	5	9	344	M	X	0	4	S	0	1	S	0	1		
17	U	1	9	6	344	M	X	0	4	S	0	1	S	0	1		
18	U	2	0	9	344	M	X	0	4	S	0	1	S	0	1		
19	U	2	1	0	344	M	X	0	4	S	0	1	S	0	1		
20	U	2	2	0	344	M	X	0	4	S	0	1	S	0	1		
21	U	2	2	6	344	M	X	0	4	S	0	1	S	0	1		
22	U	2	2	8	344	M	X	0	4	S	0	1	S	0	1		
23	U	2	3	9	344	M	X	0	4	S	0	1	S	0	1		
24	P	1	2	0	3.3	M	X	0	4	S	0	1	S	0	1		
25	U	1	3	4	344	M	X	0	4	S	0	1	S	0	1		
26	D	0	3	3	344	M	X	0	4	S	0	1	S	0	1		
27	P	0	3	0	344	M	X	0	4	S	0	1	S	0	1		
28	P	0	9	8	344	M	X	0	4	S	0	1	S	0	1		
29	P	0	9	9	344	M	X	0	4	S	0	1	S	0	1		
30	P	1	0	6	344	M	X	0	4	S	0	1	S	0	1		
31	U	0	0	3	344	M	X	0	4	S	0	1	S	0	1		
32	U	1	0	3	344	M	X	0	4	S	0	1	S	0	1		
33	U	1	0	8	344	M	X	0	4	S	0	1	S	0	1		
34																	
35																	



<b>EPA ID Number (Enter from page 1)</b>												<b>Secondary ID Number (Enter from page 1)</b>											
N	M	4	8	9	0	1	3	9	0	8	8												

**XIV. Description of Hazardous Wastes (Continued; use additional sheets as necessary)**

Line Number	A. EPA Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity 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 D(1))						
1	F	0	0	1	1,891	M	X	0	4	S	0	1	S	0	1		
2	F	0	0	2	1,860	M	X	0	4	S	0	1	S	0	1		
3	F	0	0	3	1,593	M	X	0	4	S	0	1	S	0	1		
4	F	0	0	4	26	M	X	0	4	S	0	1	S	0	1		
5	F	0	0	5	1,829	M	X	0	4	S	0	1	S	0	1		
6	F	0	0	6	915	M	X	0	4	S	0	1	S	0	1		
7	F	0	0	7	915	M	X	0	4	S	0	1	S	0	1		
8	F	0	0	9	915	M	X	0	4	S	0	1	S	0	1		
9	D	0	0	4	903	M	X	0	4	S	0	1	S	0	1		
10	D	0	0	5	484	M	X	0	4	S	0	1	S	0	1		
11	D	0	0	6	1,819	M	X	0	4	S	0	1	S	0	1		
12	D	0	0	7	1,248	M	X	0	4	S	0	1	S	0	1		
13	D	0	0	8	3,246	M	X	0	4	S	0	1	S	0	1		
14	D	0	0	9	1,727	M	X	0	4	S	0	1	S	0	1		
15	D	0	1	0	186	M	X	0	4	S	0	1	S	0	1		
16	D	0	1	1	1,090	M	X	0	4	S	0	1	S	0	1		
17	D	0	1	8	749	M	X	0	4	S	0	1	S	0	1		
18	D	0	1	9	761	M	X	0	4	S	0	1	S	0	1		
19	D	0	2	1	26	M	X	0	4	S	0	1	S	0	1		
20	D	0	2	2	1,098	M	X	0	4	S	0	1	S	0	1		
21	D	0	2	6	609	M	X	0	4	S	0	1	S	0	1		
22	D	0	2	7	26	M	X	0	4	S	0	1	S	0	1		
23	D	0	2	8	449	M	X	0	4	S	0	1	S	0	1		
24	D	0	2	9	478	M	X	0	4	S	0	1	S	0	1		
25	D	0	3	0	26	M	X	0	4	S	0	1	S	0	1		
26	D	0	3	2	26	M	X	0	4	S	0	1	S	0	1		
27	D	0	3	4	26	M	X	0	4	S	0	1	S	0	1		
28	D	0	3	5	139	M	X	0	4	S	0	1	S	0	1		
29	D	0	3	6	26	M	X	0	4	S	0	1	S	0	1		
30	D	0	3	7	26	M	X	0	4	S	0	1	S	0	1		
31	D	0	3	8	26	M	X	0	4	S	0	1	S	0	1		
32	D	0	3	9	26	M	X	0	4	S	0	1	S	0	1		
33	D	0	4	0	140	M	X	0	4	S	0	1	S	0	1		
34	D	0	4	3	26	M	X	0	4	S	0	1	S	0	1		
35	P	0	1	5	945	M	X	0	4	S	0	1	S	0	1		

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

<b>EPA ID Number (Enter from page 1)</b>												<b>Secondary ID Number (Enter from page 1)</b>											
N	M	4	8	9	0	1	3	9	0	8	8												

**XIV. Description of Hazardous Wastes (Continued; use additional sheets as necessary)**

Line Number	A. EPA Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity 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 D(1))						
1	F	0	0	1	1,891	M	X	0	4	S	0	1	S	0	1		
2	F	0	0	2	1,860	M	X	0	4	S	0	1	S	0	1		
3	F	0	0	3	1,593	M	X	0	4	S	0	1	S	0	1		
4	F	0	0	4	26	M	X	0	4	S	0	1	S	0	1		
5	F	0	0	5	1,829	M	X	0	4	S	0	1	S	0	1		
6	F	0	0	6	915	M	X	0	4	S	0	1	S	0	1		
7	F	0	0	7	915	M	X	0	4	S	0	1	S	0	1		
8	F	0	0	9	915	M	X	0	4	S	0	1	S	0	1		
9	D	0	0	4	903	M	X	0	4	S	0	1	S	0	1		
10	D	0	0	5	484	M	X	0	4	S	0	1	S	0	1		
11	D	0	0	6	1,819	M	X	0	4	S	0	1	S	0	1		
12	D	0	0	7	1,248	M	X	0	4	S	0	1	S	0	1		
13	D	0	0	8	3,246	M	X	0	4	S	0	1	S	0	1		
14	D	0	0	9	1,727	M	X	0	4	S	0	1	S	0	1		
15	D	0	1	0	186	M	X	0	4	S	0	1	S	0	1		
16	D	0	1	1	1,090	M	X	0	4	S	0	1	S	0	1		
17	D	0	1	8	749	M	X	0	4	S	0	1	S	0	1		
18	D	0	1	9	761	M	X	0	4	S	0	1	S	0	1		
19	D	0	2	1	26	M	X	0	4	S	0	1	S	0	1		
20	D	0	2	2	1,098	M	X	0	4	S	0	1	S	0	1		
21	D	0	2	6	609	M	X	0	4	S	0	1	S	0	1		
22	D	0	2	7	26	M	X	0	4	S	0	1	S	0	1		
23	D	0	2	8	449	M	X	0	4	S	0	1	S	0	1		
24	D	0	2	9	478	M	X	0	4	S	0	1	S	0	1		
25	D	0	3	0	26	M	X	0	4	S	0	1	S	0	1		
26	D	0	3	2	26	M	X	0	4	S	0	1	S	0	1		
27	D	0	3	4	26	M	X	0	4	S	0	1	S	0	1		
28	D	0	3	5	139	M	X	0	4	S	0	1	S	0	1		
29	D	0	3	6	26	M	X	0	4	S	0	1	S	0	1		
30	D	0	3	7	26	M	X	0	4	S	0	1	S	0	1		
31	D	0	3	8	26	M	X	0	4	S	0	1	S	0	1		
32	D	0	3	9	26	M	X	0	4	S	0	1	S	0	1		
33	D	0	4	0	140	M	X	0	4	S	0	1	S	0	1		
34	D	0	4	3	26	M	X	0	4	S	0	1	S	0	1		
35	P	0	1	5	945	M	X	0	4	S	0	1	S	0	1		

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<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width:12.5%;">N</td> <td style="width:12.5%;">M</td> <td style="width:12.5%;">4</td> <td style="width:12.5%;">8</td> <td style="width:12.5%;">9</td> <td style="width:12.5%;">0</td> <td style="width:12.5%;">1</td> <td style="width:12.5%;">3</td> <td style="width:12.5%;">9</td> <td style="width:12.5%;">0</td> <td style="width:12.5%;">8</td> <td style="width:12.5%;">8</td> </tr> </table>	N	M	4	8	9	0	1	3	9	0	8	8	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width:12.5%; height: 20px;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> <td style="width:12.5%;"> </td> </tr> </table>												
N	M	4	8	9	0	1	3	9	0	8	8														

**XV. Map**

*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.*

**XVI. Facility Drawing**


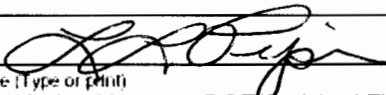

*All existing facilities must include a scale drawing of the facility (See instructions for more detail).*

**XVII. 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).*

**XVIII. Certification(s)**

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Owner Signature 	Date Signed 1/12/04
Name and Official Title (Type or print) Lloyd L. Piper, II, Acting Manager, DOE/Carlsbad Field Office	
Owner Signature	Date Signed
Name and Official Title (Type or print)	
Operator Signature 	Date Signed 1/12/04
Name and Official Title (Type or print) Lloyd L. Piper, II, Acting Manager, DOE/Carlsbad Field Office	
Operator Signature 	Date Signed 1/9/04
Name and Official Title (Type or print) S. D. Warren, President - Washington TRU Solutions, LLC	

**XIX. Comments**

Section XVIII Operator Signature - \*See attached "RCRA Part A Application Certification"

- Previous revisions were submitted on July 9, 1991; November 12, 1992; January 29, 1993; March 2, 1995; May 26, 1995; April 12, 1996; May 29, 1996; April 21, 1999; May 10, 1999; February 2, 2001; March 7, 2001; June 18, 2001; December 27, 2002; January 16, 2003 and September 11, 2003.
- Part A originally signed on January 18, 1991, and submitted on January 22, 1991.

*Note: Mail completed form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)*

**RCRA PART A APPLICATION CERTIFICATION**

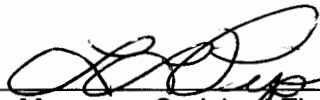
The U.S. Department of Energy (DOE), through its Carlsbad Field Office, has signed as "owner and operator," and Washington TRU Solutions LLC, the Management and Operating Contractor (MOC), has signed this application for the permitted facility as "co-operator."


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, Subpart IX, (20.4.1.900 NMAC), incorporating 40 CFR, §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:  Lloyd L. Piper, II  
Title: Acting Manager, Carlsbad Field Office  
for: U.S. Department of Energy  
Date: 1/12/04

Co-Operator Signature:  Steven D. Warren  
Title: General Manager  
for: Washington TRU Solutions LLC  
Date: 1/9/04