



Department of Energy

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

AUG 01 2019

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: Notification of Class 1 Permit Modification to the Waste Isolation Pilot Plant
Hazardous Waste Facility Permit Number: NM4890139088-TSDF

Dear Mr. Kieling:

Enclosed is a Notification of Class 1 Permit Modifications for the following items:

- Update Department of Energy, Carlsbad Field Office Manager and the List of Active Environmental Permits

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our 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 our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. Michael R. Brown at (575) 234-7476.

Kirk D. Lachman, Acting Manager
Carlsbad Field Office

Sincerely,

Bruce C. Covert, Project Manager
Nuclear Waste Partnership LLC

Enclosures (3)

cc: w/enclosures
R. Maestas, NMED *ED
D. Biswell, NMED ED
M. McLean, NMED ED
CBFO M&RC
*ED denotes electronic distribution

Class 1 Permit Modification Notification

**Update Department of Energy, Carlsbad Field Office Manager and the List of Active
Environmental Permits**

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

WIPP Permit Number - NM4890139088-TSDF

August 2019

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Transmittal Letter

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Acronyms, Abbreviations, and Units

CFR	Code of Federal Regulations
DOE	U.S. Department of Energy
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
Permit	Waste Isolation Pilot Plant Hazardous Waste Facility Permit
PMN	Permit Modification Notification
WIPP	Waste Isolation Pilot Plant

Overview of the Permit Modification Notification

This document contains a Class 1 Permit Modification Notification (**PMN**) for the Waste Isolation Pilot Plant (**WIPP**) Hazardous Waste Facility Permit (**Permit**) Number NM4890139088-TSDF.

This PMN is being submitted by the U.S. Department of Energy (**DOE**) and Nuclear Waste Partnership LLC, collectively referred to as the Permittees, in accordance with Permit Part 1, Section 1.3.1. (20.4.1.900 New Mexico Administrative Code (**NMAC**) incorporating Title 40 of the Code of Federal Regulations (**CFR**) §270.42(a)). The PMN in this document is necessary to notify the New Mexico Environment Department (**NMED**) of changes which impacts the Permit. 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 Permit and any related supporting documents are provided in this PMN. The proposed modifications to the text of the Permit has been identified using **red** text and double underline 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

Item No.	Affected Permit Section	Change Description	Category
1	Attachment A, Section A-1, <i>Facility Description</i> Attachment B, Part A – <i>Hazardous Waste Permit Application Part A</i> Attachment B, Appendix B1, <i>Other Environmental Permits</i>	This modification revises Attachment A, Section A-1, <i>Facility Description</i>, and Attachment B, <i>Hazardous Waste Permit Application Part A</i>, to change the Manager for the DOE, Carlsbad Field Office, from Mr. Todd A. Shrader to the Acting Manager, Mr. Kirk D. Lachman, effective July 26, 2019. This modification also updates Permit Attachment B, Appendix B1, <i>Other Environmental Permits</i>. This update includes the following changes: • Update the title of the table in Appendix B1 to "Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of August 2019" • Line 1: Change the Type of Permit to "Right-of-Way for Domestic Water Pipeline"; update the Granted/Submitted date to "05/15/06"; and change "(Transferred 05/15/06 to City of Carlsbad)" to "(City of Carlsbad, NM)" in Granted/Submitted • Line 3: Change the Type of Permit to "Right-of-Way for WIPP Railroad Spur and Maintenance Road" • Line 7: Change the Type of Permit to "Right-of-Way for Two Subsidence Monuments (S-37 and S-38)" • Line 8: Remove "of NM LLC" from Granted/Submitted; update the Expiration date to "12/31/40"; and remove "Renewal In Process" from Current Permit Status • Line 9: Change the Type of Permit to "Right-of-Way for 115KV Electric Transmission Line" and change Granted/Submitted from "Southwestern Public Service" to "Xcel Energy" • Line 10: Change the Type of Permit to "Right-of-Way for South Access Road (includes Rally Point)" • Line 11: Change the Type of Permit to "Right-of-Way for Mosaic (Duval Mine Site-Nash Draw) telephone line" and remove "of NM LLC" from Granted/Submitted • Line 15: Update the Current Permit Status to "P&A" • Line 16: Update the Granted/Submitted date to "10/31/18" and Current Permit Status to "Active, Renewal in Process" • Line 17: Change the Type of Permit to "Right of Way for Buried Fiber Optics Line" and remove "Inc" from Granted/Submitted • Line 19: Change the Type of Permit to "Right-of-Way for Dosimetry and Aerosol Sampling Sites, Angel Ranch" • Line 20: Add "Renewal in Process" to the Current Permit Status • Line 22: Change the Type of Permit to "Petroleum	A.1

Item No.	Affected Permit Section	Change Description	Category
		Storage Tank Registration Certificate"; update the Permit/Right of Way Number to "1248"; update the Granted/Submitted date to "07/01/19"; and update the Expiration date to "06/30/20" • Line 26: Change the Type of Permit to "Monitoring Well C-2811" and update the Granted/Submitted date to "03/02/01" • Line 36: Change the Type of Permit to "Monitoring Well CB-1" • Lines 41-71: Lowercase the letters "A," "B," "C," and "D" in the Type of Permit • Lines 78-85: Lowercase the letter "B" in the Type of Permit • Line 79: Update the Current Permit Status to "P&A" • Line 101: Lowercase the letter "B" in the Type of Permit • Line 113: Update the Granted/Submitted date to "03/19/18" and update the Expiration date to "03/19/23" • Line 128: Change the Type of Permit to "Right-of-Way grant for SNL-11 and SNL-5 well pads and road access"; update the Granted/Submitted date to "10/16/03"; and update the Expiration date to "10/16/33" • Line 133" Change the Type of Permit to "Right-of-Way for 69KV Electric Distribution Line"; update the Granted/Submitted date to "02/16/94 (Xcel Energy)"; and update the Expiration date to "02/15/24" • Lines 134, 135, 138 and 140: Add and "ing" to "Monitor" to read "Monitoring" in the Type of Permit • Lines 136 and 137: Add "and well pad" to the end of the Type of Permit • Lines 138 and 139: Change "H-12bR" to "H-12R" in the Type of Permit • Lines 138, 139 and 140: Add a period to the end of the line numbers • Add new line as follows: ○ Line Number: 141. ○ Granting Agency: New Mexico State Land Office ○ Type of Permit: Water Monitoring Easement for SNL-1 ○ Permit/Right of Way Number: WM-120 ○ Granted/Submitted: 07/20/18 ○ Expiration: 08/21/22 ○ Current Permit Status: Active • Add new line as follows: ○ Line Number: 142. ○ Granting Agency: New Mexico State Land	

Item No.	Affected Permit Section	Change Description	Category
		Office ○ Type of Permit: Water Monitoring Easement for SNL-3 ○ Permit/Right of Way Number: WM-119 ○ Granted/Submitted: 07/20/18 ○ Expiration: 08/21/22 ○ Current Permit Status: Active • Add new line as follows: ○ Line Number: 143. ○ Granting Agency: U.S. Department of the Interior, Bureau of Land Management ○ Type of Permit: Seismic Monitoring Stations ○ Permit/Right of Way Number: NM-120413 ○ Granted/Submitted: 07/10/08 ○ Expiration: 12/31/37 ○ Current Permit Status: Active • Add new line as follows: ○ Line Number: 144. ○ Granting Agency: New Mexico Environment Department ○ Type of Permit: NSR Streamline, Level 1, Minor Source, Air Permit ○ Permit/Right of Way Number: 310-M3 ○ Granted/Submitted: 07/12/19 ○ Expiration: None ○ Current Permit Status: Active	

Item 1

Description

This modification revises Attachment A, Section A-1, *Facility Description*, and Attachment B, *Hazardous Waste Permit Application Part A*, to change the Manager for the DOE, Carlsbad Field Office, from Mr. Todd A. Shrader to the Acting Manager, Mr. Kirk D. Lachman, effective July 26, 2019.

This modification also updates Permit Attachment B, Appendix B1, *Other Environmental Permits*. This update includes the following changes:

- Update the title of the table in Appendix B1 to "Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of August 2019"
- Line 1: Change the Type of Permit to "Right-of-Way for Domestic Water Pipeline"; update the Granted/Submitted date to "05/15/06"; and change "(Transferred 05/15/06 to City of Carlsbad)" to "(City of Carlsbad, NM)" in Granted/Submitted
- Line 3: Change the Type of Permit to "Right-of-Way for WIPP Railroad Spur and Maintenance Road"
- Line 7: Change the Type of Permit to "Right-of-Way for Two Subsidence Monuments (S-37 and S-38)"
- Line 8: Remove "of NM LLC" from Granted/Submitted; update the Expiration date to "12/31/40"; and remove "Renewal In Process" from Current Permit Status
- Line 9: Change the Type of Permit to "Right-of-Way for 115KV Electric Transmission Line" and change Granted/Submitted from "Southwestern Public Service" to "Xcel Energy"
- Line 10: Change the Type of Permit to "Right-of-Way for South Access Road (includes Rally Point)"
- Line 11: Change the Type of Permit to "Right-of-Way for Mosaic (Duval Mine Site-Nash Draw) telephone line" and remove "of NM LLC" from Granted/Submitted
- Line 15: Update the Current Permit Status to "P&A"
- Line 16: Update the Granted/Submitted date to "10/31/18" and Current Permit Status to "Active, Renewal in Process"
- Line 17: Change the Type of Permit to "Right of Way for Buried Fiber Optics Line" and remove "Inc" from Granted/Submitted
- Line 19: Change the Type of Permit to "Right-of-Way for Dosimetry and Aerosol Sampling Sites, Angel Ranch"
- Line 20: Add "Renewal in Process" to the Current Permit Status

- Line 22: Change the Type of Permit to "Petroleum Storage Tank Registration Certificate"; update the Permit/Right of Way Number to "1248"; update the Granted/Submitted date to "07/01/19"; and update the Expiration date to "06/30/20"
- Line 26: Change the Type of Permit to "Monitoring Well C-2811" and update the Granted/Submitted date to "03/02/01"
- Line 36: Change the Type of Permit to "Monitoring Well CB-1"
- Lines 41-71: Lowercase the letters "A," "B," "C," and "D" in the Type of Permit
- Lines 78-85: Lowercase the letter "B" in the Type of Permit
- Line 79: Update the Current Permit Status to "P&A"
- Line 101: Lowercase the letter "B" in the Type of Permit
- Line 113: Update the Granted/Submitted date to "03/19/18" and update the Expiration date to "03/19/23"
- Line 128: Change the Type of Permit to "Right-of-Way grant for SNL-11 and SNL-5 well pads and road access"; update the Granted/Submitted date to "10/16/03"; and update the Expiration date to "10/16/33"
- Line 133" Change the Type of Permit to "Right-of-Way for 69KV Electric Distribution Line"; update the Granted/Submitted date to "02/16/94 (Xcel Energy)"; and update the Expiration date to "02/15/24"
- Lines 134, 135, 138 and 140: Add "ing" to "Monitor" to read "Monitoring" in the Type of Permit
- Lines 136 and 137: Add "and well pad" to the end of the Type of Permit
- Lines 138 and 139: Change "H-12bR" to "H-12R" in the Type of Permit
- Lines 138, 139 and 140: Add a period to the end of the line numbers
- Add new line as follows:
 - Line Number: 141.
 - Granting Agency: New Mexico State Land Office
 - Type of Permit: Water Monitoring Easement for SNL-1
 - Permit/Right of Way Number: WM-120
 - Granted/Submitted: 07/20/18
 - Expiration: 08/21/22

- Current Permit Status: Active
- Add new line as follows:
 - Line Number: 142.
 - Granting Agency: New Mexico State Land Office
 - Type of Permit: Water Monitoring Easement for SNL-3
 - Permit/Right of Way Number: WM-119
 - Granted/Submitted: 07/20/18
 - Expiration: 08/21/22
 - Current Permit Status: Active
- Add new line as follows:
 - Line Number: 143.
 - Granting Agency: U.S. Department of the Interior, Bureau of Land Management
 - Type of Permit: Seismic Monitoring Stations
 - Permit/Right of Way Number: NM-120413
 - Granted/Submitted: 07/10/08
 - Expiration: 12/31/37
 - Current Permit Status: Active
- Add new line as follows:
 - Line Number: 144.
 - Granting Agency: New Mexico Environment Department
 - Type of Permit: NSR Streamline, Level 1, Minor Source, Air Permit
 - Permit/Right of Way Number: 310-M3
 - Granted/Submitted: 07/12/19
 - Expiration: None
 - Current Permit Status: Active

Basis

The change is classified as an "administrative and informational change" and is, therefore, a Class 1 modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42, Appendix I, A.1).

Discussion

On July 26, 2019, Todd A. Shrader was replaced by Kirk D. Lachman as the Acting Manager and responsible official for the DOE, Carlsbad Field Office. The revisions to Attachment A, Section A-1, and Attachment B, reflect this change and is necessary as Mr. Lachman is the signatory authority for the DOE, Carlsbad Field Office. Attachment B was updated using the United States Environmental Protection Agency RCRA Hazardous Waste Part A Permit Application Instructions and Form, 8700-23 (OMB# 2050-0024; expires 5/31/2020).

The modification to update Attachment B, Appendix B1, provides the most current information regarding active environmental permits and approvals applicable to the Waste Isolation Pilot Plant as of August 2019. These changes are needed to update the Permit and to ensure completeness and accuracy of the list of other environmental permits.

Proposed Revised Permit Text:

ATTACHMENT A
GENERAL FACILITY DESCRIPTION AND
PROCESS INFORMATION

A-1 Facility Description

Abstract

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:	Nuclear Waste Partnership LLC P.O. Box 2078 Carlsbad, NM 88221
RESPONSIBLE OFFICIALS:	Todd A. Shrader <u>Kirk D. Lachman</u> <u>Acting</u> Manager, DOE/Carlsbad Field Office Bruce C. Covert Project Manager, Nuclear Waste Partnership 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.
TELEPHONE NUMBER:	575/234-7300
U.S. EPA I.D. NUMBER:	NM4890139088
GEOGRAPHIC LOCATION:	32° 22' 30" N 103° 47' 30" W
DATE OPERATIONS BEGAN:	November 26, 1999

ATTACHMENT B
HAZARDOUS WASTE PERMIT APPLICATION PART A

United States Environmental Protection Agency
RCRA SUBTITLE C SITE IDENTIFICATION FORM



1. Reason for Submittal (Select only one.)

☐	Obtaining or updating an EPA ID number for an on-going regulated activity that will continue for a period of time. (Includes HSM activity)
☐	Submitting as a component of the Hazardous Waste Report for _____ (Reporting Year)
☐	Site was a TSD facility and/or generator of > 1,000 kg of hazardous waste, > 1 kg of acute hazardous waste, or > 100 kg of acute hazardous waste spill cleanup in one or more months of the reporting year (or State equivalent LQG regulations)
☐	Notifying that regulated activity is no longer occurring at this Site
☐	Obtaining or updating an EPA ID number for conducting Electronic Manifest Broker activities
☒	Submitting a new or revised Part A Form

2. Site EPA ID Number

N	M	4	8	9	0	1	3	9	0	8	8
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3. Site Name

Waste Isolation Pilot Plant

4. Site Location Address

Street Address		30 miles east of Carlsbad on Jal Highway	
City, Town, or Village		Carlsbad	County Eddy
State	NM	Country	USA
		Zip Code	88221

5. Site Mailing Address

☐ Same as Location Address

Street Address		P.O. Box 3090	
City, Town, or Village		Carlsbad	
State	NM	Country	USA
		Zip Code	88221

6. Site Land Type

☐ Private	☐ County	☐ District	☒ Federal	☐ Tribal	☐ Municipal	☐ State	☐ Other
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7. North American Industry Classification System (NAICS) Code(s) for the Site (at least 5-digit codes)

A. (Primary)	56221	C.	
B.		D.	

8. Site Contact Information

☐ Same as Location Address

First Name	Kirk	MI	D	Last Name	Lachman
Title	Acting Manager, Carlsbad Field Office (CBFO)				
Street Address	P.O. Box 3090				
City, Town, or Village	Carlsbad				
State	NM	Country	USA	Zip Code	88221
Email	Kirk.Lachman@cbfo.doe.gov				
Phone	(575) 234-7300	Ext		Fax	(575) 234-7027

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner

☐ Same as Location Address

Full Name	U.S. Department of Energy		Date Became Owner (mm/dd/yyyy)	05/18/1981
Owner Type	☐ Private ☐ County ☐ District ☒ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other			
Street Address	P.O. Box 3090			
City, Town, or Village	Carlsbad			
State	NM	Country	USA	Zip Code 88221
Email	Kirk.Lachman@cbfo.doe.gov			
Phone	(575) 234-7300	Ext		Fax (575) 234-7027
Comments				

B. Name of Site's Legal Operator

☐ Same as Location Address

Full Name	U.S. Department of Energy		Date Became Operator (mm/dd/yyyy)	05/18/1981
Operator Type	☐ Private ☐ County ☐ District ☒ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other			
Street Address	P.O. Box 3090			
City, Town, or Village	Carlsbad			
State	NM	Country	USA	Zip Code 88221
Email	Kirk.Lachman@cbfo.doe.gov			
Phone	(575) 234-7300	Ext		Fax (575) 234-7027
Comments	See Item 18, Comments, for additional operator.			

10. Type of Regulated Waste Activity (at your site)

Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities

☒ Y ☐ N	1. Generator of Hazardous Waste—If "Yes", mark only one of the following—a, b, c	
☒	a. LQG	-Generates, in any calendar month (includes quantities imported by importer site) 1,000 kg/mo (2,200 lb/mo) or more of non-acute hazardous waste; or - Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lb/mo) of acute hazardous waste; or - Generates, in any calendar month or accumulates at any time, more than 100 kg/mo (220 lb/mo) of acute hazardous spill cleanup material.
☐	b. SQG	100 to 1,000 kg/mo (220-2,200 lb/mo) of non-acute hazardous waste and no more than 1 kg (2.2 lb) of acute hazardous waste and no more than 100 kg (220 lb) of any acute hazardous spill cleanup material.
☐	c. VSQG	Less than or equal to 100 kg/mo (220 lb/mo) of non-acute hazardous waste.
If "Yes" above, indicate other generator activities in 2 and 3, as applicable.		
☐ Y ☒ N	2. Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.	
☒ Y ☐ N	3. Mixed Waste (hazardous and radioactive) Generator	
☒ Y ☐ N	4. Treater, Storer or Disposer of Hazardous Waste—Note: A hazardous waste Part B permit is required for these activities.	
☒ Y ☐ N	5. Receives Hazardous Waste from Off-site	
☐ Y ☒ N	6. Recycler of Hazardous Waste	
☐	a. Recycler who stores prior to recycling	
☐	b. Recycler who does not store prior to recycling	
☐ Y ☒ N	7. Exempt Boiler and/or Industrial Furnace—If "Yes", mark all that apply.	
☐	a. Small Quantity On-site Burner Exemption	
☐	b. Smelting, Melting, and Refining Furnace Exemption	

B. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g. D001, D003, F007, U112). Use an additional page if more spaces are needed.

D004	D009	D021	D029	D035	D040	F004
D005	D010	D022	D030	D036	D043	F005
D006	D011	D026	D032	D037	F001	F006
D007	D018	D027	D033	D038	F002	F007
D008	D019	D028	D034	D039	F003	See Item 18

C. Waste Codes for State Regulated (non-Federal) Hazardous Wastes. Please list the waste codes of the State hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

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

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

B. Universal Waste Activities

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

C. Used Oil Activities

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

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

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

13. Episodic Generation

☐ Y ☒ N	Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category. If "Yes", you must fill out the Addendum for Episodic Generator.
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14. LQG Consolidation of VSQG Hazardous Waste

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

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

16. Notification of Hazardous Secondary Material (HSM) Activity

☐ Y ☒ N	A. Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), or (27)? If "Yes", you must fill out the Addendum to the Site Identification Form for Managing Hazardous Secondary Material.
☐ Y ☒ N	B. Are you notifying under 40 CFR 260.43(a)(4)(iii) that the product of your recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate but that the recycling is still legitimate? If "Yes", you may provide explanation in Comments section. You must also document that your recycling is still legitimate and maintain that documentation on site.

17. Electronic Manifest Broker

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

Section 9.B (continued):		
Full Name: Nuclear Waste Partnership LLC		
Date Became Operator (mm/dd/yyyy): 10/01/2012		
Operator Type: Private		
Street Address: P.O. Box 2078		
City, Town, or Village: Carlsbad		
State: NM	Country: USA	Zip Code: 88221
Email: Bruce.Covert@wpp.ws		
Phone: (575) 234-7400	Ext:	Fax: (575) 234-7048
Section 10.B (continued): F009, P015, P030, P088, P089, P108, P120, U002, U003, U019, U037, U043,		
U044, U052, U070, U072, U078, U079, U103, U105, U108, U122, U133, U134, U151, U154, U159, U196,		
U209, U210, U220, U226, U228, U239		

19. Certification I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. **Note: For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11).**

Signature of legal owner, operator or authorized representative Original Signature on File	Date (mm/dd/yyyy) 8/1/2019
Printed Name (First, Middle Initial Last) Kirk D. Lachman	Title Acting Manager, Carlsbad Field Office (CBFO)
Email Kirk.Lachman@cbfo.doe.gov	

Signature of legal owner, operator or authorized representative Original Signature on File	Date (mm/dd/yyyy) 8/1/2019
Printed Name (First, Middle Initial Last) Bruce C. Covert	Title Project Manager, Nuclear Waste Partnership LLC
Email Bruce.Covert@wpp.ws	

United States Environmental Protection Agency
HAZARDOUS WASTE PERMIT PART A FORM



1. Facility Permit Contact

First Name	Same as Site Contact	MI	Last Name
Title			
Email			
Phone	Ext		Fax

2. Facility Permit Contact Mailing Address

Street Address	Same as Site Mailing Address		
City, Town, or Village			
State	Country	Zip Code	

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

05/18/1981

4. Other Environmental Permits

A. Permit Type	B. Permit Number												C. Description
													See Permit Attachment B, Appendix B1

5. Nature of Business

The Waste Isolation Pilot Plant (WIPP) is a U.S. Department of Energy facility which entails receiving, unloading, and transferring radioactive mixed waste from the surface of the site to the underground hazardous waste management units. Waste is emplaced in an underground geologic repository horizon located in a deep-bedded salt formation approximately 2,150 feet beneath the surface.

6. Process Codes and Design Capacities

Line Number	A. Process Code				B. Process Design Capacity		C. Process Total Number of Units	D. Unit Name
					(1) Amount	(2) Unit of Measure		
1	X	0	4		18000.00	C	002	Panels 1 and 2
2	X	0	4		18750.00	C	001	Panel 3
3	X	0	4		19106.00	C	001	Panel 4
4	X	0	4		19195.00	C	001	Panel 5
								See attached

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

Line No.		A. EPA Hazardous Waste No.				B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes											
								(1) Process Codes								(2) Process Description (if code is not entered in 7.D(1))			
	1	D	0	0	4	803	M	X	0	4	S	0	1	S	0	1			
	2	D	0	0	5	484	M	X	0	4	S	0	1	S	0	1			
	3	D	0	0	6	1819	M	X	0	4	S	0	1	S	0	1			
	4	D	0	0	7	1248	M	X	0	4	S	0	1	S	0	1			
	5	D	0	0	8	3248	M	X	0	4	S	0	1	S	0	1			
	6	D	0	0	9	1727	M	X	0	4	S	0	1	S	0	1			
	7	D	0	1	0	188	M	X	0	4	S	0	1	S	0	1			
	8	D	0	1	1	1090	M	X	0	4	S	0	1	S	0	1			
	9	D	0	1	8	749	M	X	0	4	S	0	1	S	0	1			
1	0	D	0	1	9	761	M	X	0	4	S	0	1	S	0	1			
																	See attached		

8. Map

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

9. Facility Drawing

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

10. Photographs

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

11. Comments

See Hazardous Waste Permit Part A Form, Narrative to Item 6. Process Codes and Design Capacities.

RCRA PART A APPLICATION CERTIFICATION

The U.S. Department of Energy (DOE), through its Carlsbad Field Office, has signed as "owner and operator," and Nuclear Waste Partnership 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: Original signed by Kirk D. Lachman
Title: Acting Manager, Carlsbad Field Office
for: U.S. Department of Energy
Date: 08/01/2019

Co-Operator Signature: Original signed by Bruce C. Covert
Title: Project Manager
for: Nuclear Waste Partnership LLC
Date: 08/01/2019

APPENDIX B1
OTHER ENVIRONMENTAL PERMITS

Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of June 2017 August 2019

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
1.	Department of the Interior, Bureau of Land Management	Right-of-Way for <u>Domestic</u> Water Pipeline	NM053809	08/17/83 <u>05/15/06</u> (Transferred 05/15/06 to City of Carlsbad, <u>NM</u>)	In Perpetuity	Active
2.	Department of the Interior, Bureau of Land Management	Right-of-Way for the North Access Road	NM055676	08/23/83	In Perpetuity	Active
3.	Department of the Interior, Bureau of Land Management	Right-of-Way for <u>WIPP</u> Railroad <u>Spur and Maintenance Road</u>	NM055699	09/27/83	In Perpetuity	Active
4.	Department of the Interior, Bureau of Land Management	Right-of-Way for Dosimetry and Aerosol Sampling Sites	NM063136	07/03/86	12/31/40	Active
5.	Department of the Interior, Bureau of Land Management	Right-of-Way for Seven Subsidence Monuments	NM065801	11/07/86	None	Active
6.	Department of the Interior, Bureau of Land Management	Right-of-Way for Aerosol Sampling Site	NM077921	08/18/89	08/18/19	Active
7.	Department of the Interior, Bureau of Land Management	Right-of-Way for 2-Survey <u>Two Subsidence</u> Monuments <u>(S-37 and S-38)</u>	NM082245	12/13/89	12/13/19	Active
8.	Department of the Interior, Bureau of Land Management	Right-of-Way for telephone cable	NM046092	09/04/81 (Valor Telecom of NM LLC)	09/04/11 <u>12/31/40</u>	Active Renewal In Process
9.	Department of the Interior, Bureau of Land Management	Right-of-Way for SPS-115 KV Powerline <u>Electric Transmission Line</u>	NM043203	10/19/81 (Southwestern Public Service <u>Xcel Energy</u>)	12/31/40	Active
10.	Department of the Interior, Bureau of Land Management	Right-of-Way for South Access Road <u>(includes Rally Point)</u>	NM123703	01/27/10	12/31/39	Active
11.	Department of the Interior, Bureau of Land Management	Right-of-Way for <u>Mosaic</u> (Duval <u>Mine Site-Nash Draw</u>) telephone line	NM060174	03/08/85 (Valor Telecom of NM LLC)	03/08/35	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
12.	Department of the Interior, Bureau of Land Management	Right-of-Way for groundwater monitor wells/pads	NM108365	08/30/02	08/30/32	Active
13.	Department of the Interior, Bureau of Land Management	Right-of-Way for Monitoring Well C-2664 (Cabin Baby)	NM107944	04/23/02	04/23/32	Active
14.	Department of the Interior, Bureau of Land Management	Right-of-Way for Wells C-2725 (H- 4A), C-2775 (H-4B), & C-2776 (H-4C)	NM-6-5 Cooperative Agreement	04/27/78	None	Active
15.	Department of the Interior, Bureau of Land Management	Right-of-Way for Monitoring Wells C-2723 (WIPP-25), C-2724 (WIPP- 26), C-2722 (WIPP-27), C-2636 (WIPP-28), C-2743 (WIPP-29), & C-2727 (WIPP-30)	NM-6-5 Cooperative Agreement	07/14/78	None	Active P&A
16.	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way easement for accessing state trust lands in Eddy & Lea Counties	RW-25430	09/28/04	09/27/16 10/31/18	Inactive Active Renewal in Process
17.	Department of Interior, Bureau of Land Management	Right of Way for Buried Fiber Optics Line Valor Telecom	NM113339	08/09/05 (Valor Telecom Inc)	12/31/34	Active
18.	Department of Interior, Bureau of Land Management	Right of Way for South Access Road Fence	NM094304	03/15/95	None	Active
19.	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way for High Volume Air Sampler Dosimetry and Aerosol Sampling Sites, Angel Ranch	RW-22789	10/03/85	10/03/20	Active
20.	New Mexico Environment Department Groundwater Quality Bureau	Discharge Permit	DP-831	07/29/14	07/29/19	Active Renewal in Process
21.	New Mexico Environment Department Air Quality Bureau	Operating Permit for two backup diesel generators	310-M-2	12/07/93	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
22.	New Mexico Environment Department Petroleum Storage Tank Bureau	<u>Petroleum</u> Storage Tank Registration Certificate	Registration Number 1767 <u>1248</u> Facility Number 31539	07/01/16 <u>07/01/19</u>	06/30/17 <u>06/30/20</u>	Active
23.	Office of New Mexico State Engineer	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2801	02/23/01	None	Inactive
24.	Office of New Mexico State Engineer	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2802	02/23/01	None	Inactive
25.	Office of New Mexico State Engineer	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2803	02/23/01	None	Inactive
26.	Office of New Mexico State Engineer	Monitoring Well <u>C-2811</u>	C-2811	<u>03/02/02</u> <u>03/02/01</u>	None	Active
27.	Office of New Mexico State Engineer	Appropriation: WQSP-1 Well	C-2413	10/21/96	None	Active
28.	Office of New Mexico State Engineer	Appropriation: WQSP-2 Well	C-2414	10/21/96	None	Active
29.	Office of New Mexico State Engineer	Appropriation: WQSP-3 Well	C-2415	10/21/96	None	Active
30.	Office of New Mexico State Engineer	Appropriation: WQSP-4 Well	C-2416	10/21/96	None	Active
31.	Office of New Mexico State Engineer	Appropriation: WQSP-5 Well	C-2417	10/21/96	None	Active
32.	Office of New Mexico State Engineer	Appropriation: WQSP-6 Well	C-2418	10/21/96	None	Active
33.	Office of New Mexico State Engineer	Appropriation: WQSP-6a Well	C-2419	10/21/96	None	Active
34.	Office of New Mexico State Engineer	Monitoring Well AEC-7	C-2742	11/06/00	None	P&A
35.	Office of New Mexico State Engineer	Monitoring Well AEC-8	C-2744	11/06/00	None	P&A

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
36.	Office of New Mexico State Engineer	Monitoring Well Gabin-Baby <u>CB-1</u>	C-2664	07/30/99	None	Active
37.	Office of New Mexico State Engineer	Monitoring Well DOE-1	C-2757	11/06/00	None	P&A
38.	Office of New Mexico State Engineer	Monitoring Well DOE-2	C-2682	04/17/00	None	Active
39.	Office of New Mexico State Engineer	Monitoring Well ERDA-9	C-2752	11/06/00	None	Active
40.	Office of New Mexico State Engineer	Monitoring Well H-1	C-2765	11/06/00	None	P&A
41.	Office of New Mexico State Engineer	Monitoring Well H-2A <u>a</u>	C-2762	11/06/00	None	P&A
42.	Office of New Mexico State Engineer	Monitoring Well H-2B <u>b1</u>	C-2758	11/06/00	None	Active
43.	Office of New Mexico State Engineer	Monitoring Well H-2B <u>b2</u>	C-2763	11/06/00	None	Active
44.	Office of New Mexico State Engineer	Monitoring Well H-2C <u>c</u>	C-2759	11/06/00	None	P&A
45.	Office of New Mexico State Engineer	Monitoring Well H-3B <u>b1</u>	C-2764	11/06/00	None	Active
46.	Office of New Mexico State Engineer	Monitoring Well H-3B <u>b2</u>	C-2760	11/06/00	None	Active
47.	Office of New Mexico State Engineer	Monitoring Well H-3B <u>b3</u>	C-2761	11/06/00	None	P&A
48.	Office of New Mexico State Engineer	Monitoring Well H-3D <u>d</u>	C-3207	11/06/00	None	Active
49.	Office of New Mexico State Engineer	Monitoring Well H-4A <u>a</u>	C-2725	11/06/00	None	P&A
50.	Office of New Mexico State Engineer	Monitoring Well H-4B <u>b</u>	C-2775	11/06/00	None	P&A

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
51.	Office of New Mexico State Engineer	Monitoring Well H-4G ^c	C-2776	11/06/00	None	Active
52.	Office of New Mexico State Engineer	Monitoring Well H-5A ^a	C-2746	11/06/00	None	P&A
53.	Office of New Mexico State Engineer	Monitoring Well H-5B ^b	C-2745	11/06/00	None	Active
54.	Office of New Mexico State Engineer	Monitoring Well H-5G ^c	C-2747	11/06/00	None	Active
55.	Office of New Mexico State Engineer	Monitoring Well H-6A ^a	C-2751	11/06/00	None	P&A
56.	Office of New Mexico State Engineer	Monitoring Well H-6B ^c	C-2749	11/06/00	None	P&A
57.	Office of New Mexico State Engineer	Monitoring Well H-6G ^c	C-2750	11/06/00	None	Active
58.	Office of New Mexico State Engineer	Monitoring Well H-7A ^a	C-2694	04/17/00	None	P&A
59.	Office of New Mexico State Engineer	Monitoring Well H-7B ^{b1}	C-2770	11/06/00	None	Active
60.	Office of New Mexico State Engineer	Monitoring Well H-7B ^{b2}	C-2771	11/06/00	None	P&A
61.	Office of New Mexico State Engineer	Monitoring Well H-8A ^a	C-2780	11/06/00	None	Active
62.	Office of New Mexico State Engineer	Monitoring Well H-9A ^a	C-2785	11/06/00	None	P&A
63.	Office of New Mexico State Engineer	Monitoring Well H-9B ^b	C-2783	11/06/00	None	P&A
64.	Office of New Mexico State Engineer	Monitoring Well H-9G ^c	C-2784	11/06/00	None	Active
65.	Office of New Mexico State Engineer	Monitoring Well H-10A ^a	C-2779	11/06/00	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
66.	Office of New Mexico State Engineer	Monitoring Well H-10B b	C-2778	11/06/00	None	P&A
67.	Office of New Mexico State Engineer	Monitoring Well H-10G c	C-2695	04/17/00	None	P&A
68.	Office of New Mexico State Engineer	Monitoring Well H-11B b1	C-2767	11/06/00	None	P&A
69.	Office of New Mexico State Engineer	Monitoring Well H-11B b2	C-2687	04/17/00	None	Active
70.	Office of New Mexico State Engineer	Monitoring Well H-11B b3	C-2768	11/06/00	None	P&A
71.	Office of New Mexico State Engineer	Monitoring Well H-11B b4	C-2769	11/06/00	None	P&A
72.	Office of New Mexico State Engineer	Monitoring Well H-12	C-2777	11/06/00	None	P&A
73.	Office of New Mexico State Engineer	Monitoring Well H-14	C-2766	11/06/00	None	Active
74.	Office of New Mexico State Engineer	Monitoring Well H-15	C-2685	04/17/00	None	Active
75.	Office of New Mexico State Engineer	Monitoring Well H-16	C-2753	11/06/00	None	Active
76.	Office of New Mexico State Engineer	Monitoring Well H-17	C-2773	11/06/00	None	Active
77.	Office of New Mexico State Engineer	Monitoring Well H-18	C-2683	04/17/00	None	Active
78.	Office of New Mexico State Engineer	Monitoring Well H-19B b0	C-2420	01/25/95	None	Active
79.	Office of New Mexico State Engineer	Monitoring Well H-19B b1	C-2420	01/25/95	None	Active P&A
80.	Office of New Mexico State Engineer	Monitoring Well H-19B b2	C-2421	01/25/95	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
81.	Office of New Mexico State Engineer	Monitoring Well H-19Bb3	C-2422	01/25/95	None	Active
82.	Office of New Mexico State Engineer	Monitoring Well H-19Bb4	C-2423	01/25/95	None	Active
83.	Office of New Mexico State Engineer	Monitoring Well H-19Bb5	C-2424	01/25/95	None	Active
84.	Office of New Mexico State Engineer	Monitoring Well H-19Bb6	C-2425	01/25/95	None	Active
85.	Office of New Mexico State Engineer	Monitoring Well H-19Bb7	C-2426	01/25/95	None	Active
86.	Office of New Mexico State Engineer	Monitoring Well P-14	C-2637	01/02/99	None	P&A
87.	Office of New Mexico State Engineer	Monitoring Well P-15	C-2686	04/17/00	None	P&A
88.	Office of New Mexico State Engineer	Monitoring Well P-17	C-2774	11/06/00	None	P&A
89.	Office of New Mexico State Engineer	Monitoring Well P-18	C-2756	11/06/00	None	P&A
90.	Office of New Mexico State Engineer	Monitoring Well WIPP-12	C-2639	01/12/99	None	P&A
91.	Office of New Mexico State Engineer	Monitoring Well WIPP-13	C-2748	11/06/00	None	Active
92.	Office of New Mexico State Engineer	Monitoring Well WIPP-18	C-2684	04/17/00	None	Active
93.	Office of New Mexico State Engineer	Monitoring Well WIPP-19	C-2755	11/06/00	None	Active
94.	Office of New Mexico State Engineer	Monitoring Well WIPP-21	C-2754	11/06/00	None	P&A
95.	Office of New Mexico State Engineer	Monitoring Well WIPP-25	C-2723	07/26/00	None	P&A

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
96.	Office of New Mexico State Engineer	Monitoring Well WIPP-26	C-2724	11/06/00	None	P&A
97.	Office of New Mexico State Engineer	Monitoring Well WIPP-27	C-2722	11/06/00	None	P&A
98.	Office of New Mexico State Engineer	Monitoring Well WIPP28	C-2636	01/12/99	None	P&A
99.	Office of New Mexico State Engineer	Monitoring Well WIPP-29	C-2743	11/06/00	None	P&A
100.	Office of New Mexico State Engineer	Monitoring Well WIPP-30	C-2727	08/04/00	None	P&A
101.	Office of New Mexico State Engineer	Monitoring Well H-6BbR	C-3362	12/27/07	None	Active
102.	Office of New Mexico State Engineer	Monitoring Well H-15R	C-3361	12/27/07	None	Active
103.	Office of New Mexico State Engineer	Monitoring Well SNL-2	C-2948	02/14/03	None	Active
104.	Office of New Mexico State Engineer	Monitoring Well SNL-9	C-2950	02/14/03	None	Active
105.	Office of New Mexico State Engineer	Monitoring Well SNL-12	C-2954	02/25/03	None	Active
106.	Office of New Mexico State Engineer	Monitoring Well SNL-1	C-2953	02/25/03	None	Active
107.	Office of New Mexico State Engineer	Monitoring Well SNL-3	C-2949	02/14/03	None	Active
108.	Office of New Mexico State Engineer	Monitoring Well SNL-5	C-3002	10/01/03	None	Active
109.	Office of New Mexico State Engineer	Monitoring Well IMC-461	C-3015	11/25/03	None	Active
110.	Office of New Mexico State Engineer	Monitoring Well SNL-10	C-3221	07/26/05	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
111.	Office of New Mexico State Engineer	Monitoring Well SNL-16	C-3220	07/26/05	None	Active
112.	Office of New Mexico State Engineer	Monitoring Well SNL-17	C-3222	07/26/05	None	Active
113.	US Environmental Protection Agency Region 6	Conditions of Approval for Disposal of PCB/TRU and PCB/TRU Mixed Waste at the US Department of Energy (DOE) Waste Isolation Pilot Plant (WIPP) Carlsbad, New Mexico	N/A	04/30/08 <u>03/19/18</u>	04/30/18 <u>03/19/23</u>	Active
114.	US Fish and Wildlife Service	Special Purpose – Relocate	MB155189-0	05/01/17	12/31/20	Active
115.	New Mexico Department of Game and Fish	Biotic Collection Permit	Authorization # 3293	02/02/17	12/31/19	Active
116.	Office of New Mexico State Engineer	Monitoring Well H-4bR	C-3404	01/13/09	None	Active
117.	Office of New Mexico State Engineer	Monitoring Well H-9bR	C-2783-POD2	07/14/10	None	Active
118.	Office of New Mexico State Engineer	Monitoring Well C-2737	C-2737	09/27/00	None	Active
119.	Office of New Mexico State Engineer	Monitoring Well WIPP-11	C3112	12/27/07	None	Active
120.	Office of New Mexico State Engineer	Monitoring Well SNL-6	C-3151	02/10/05	None	Active
121.	Office of New Mexico State Engineer	Monitoring Well SNL-8	C-3150	02/10/05	None	Active
122.	Office of New Mexico State Engineer	Monitoring Well SNL-13	C-3139	12/17/04	None	Active
123.	Office of New Mexico State Engineer	Monitoring Well SNL-14	C-3140	12/17/04	None	Active
124.	Office of New Mexico State Engineer	Monitoring Well SNL-15	C-3152	02/10/05	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
125.	Office of New Mexico State Engineer	Monitoring Well SNL-18	C-3233	10/06/05	None	Active
126.	Office of New Mexico State Engineer	Monitoring Well SNL-19	C-3234	10/06/05	None	Active
127.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-18 and SNL-19 well pads	NM115315	03/21/06	12/31/35	Active
128.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-11 and SNL-5 <u>well pads and road access</u>	NM110735	10/47 <u>16</u> /03	10/47 <u>16</u> /33	Active
129.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-12 well pad	NM109176	04/15/03	04/15/33	Active
130.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-9 well pad	NM109175	04/15/03	04/15/33	Active
131.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-2 well pad	NM109174	04/15/03	04/15/33	Active
132.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-1 Access Road	NM109177	06/17/03	06/17/33	Active
133.	Department of the Interior, Bureau of Land Management	Right-of-Way for SPS-69KV Electric Distribution line <u>Line</u>	NM091163	42 <u>02</u> /16/94 (Southwestern Public Service <u>Xcel Energy</u>)	42 <u>02</u> /15/24	Active
134.	Office of New Mexico State Engineer	Monitor <u>ing</u> Well H-11b4R	C-2769-POD2	05/16/11	None	Active
135.	Office of New Mexico State Engineer	Monitor <u>ing</u> Well AEC-7R	C-3635	04/24/13	None	Active
136.	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way easement for SNL-1 Access Road <u>and well pad</u>	RW-28535	08/27/03	08/27/38	Active
137.	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way easement for SNL-3 Access Road <u>and well pad</u>	RW-28537	08/27/03	08/27/38	Active
138.	Office of New Mexico State Engineer	Monitor <u>ing</u> Well H-42 <u>bR12R</u>	C-3749 POD1	06/24/14	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
139.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for H-12bR-12R Access Road and well pad	NM-131916	06/19/14	12/31/43	Active
140.	Office of New Mexico State Engineer	Monitoring Well H-10cR	C-3851	07/09/15	None	Active
141.	New Mexico State Land Office	Water Monitoring Easement for SNL-1	WM-120	07/20/18	08/21/22	Active
142.	New Mexico State Land Office	Water Monitoring Easement for SNL-3	WM-119	07/20/18	08/21/22	Active
143.	U.S. Department of the Interior, Bureau of Land Management	Seismic Monitoring Stations	NM-120413	07/10/08	12/31/37	Active
144.	New Mexico Environment Department	NSR Streamline, Level 1, Minor Source, Air Permit	310-M3	07/12/19	None	Active

*Non DOE grantee is noted
P&A=Plugged and Abandoned