



Department of Energy
Carlsbad Field Office
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August 15, 2024

Mr. JohnDavid Nance, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87508-6303

Subject: Class 1 Permit Modification Notifications, Waste Isolation Pilot Plant Hazardous Waste Facility Permit Number: NM4890139088-TSDF

Dear Mr. Nance:

The purpose of this letter is to provide you with the Class 1 Permit Modification Notifications for the following items:

- Update references to the Waste Isolation Pilot Plant Fire Department in permit attachments D, E, and F;
- Revise the Waste Data System User's Manual reference in permit attachments C and C3;
- Update location of an Underground First Aid Station in permit attachment D; and
- Update permit attachment B, Appendix B.

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 Gerle at (575) 988-5372.

Sincerely,

Signatures on File

Mark Bollinger
Manager
Carlsbad Field Office

Ken Harrawood
Program Manager
Salado Isolation Mining Contractors, LLC

Enclosure

cc: w/enclosure

M. McLean, NMED *ED

A. Donahue, NMED ED

*ED denotes electronic distribution

Class 1 Permit Modification Notifications

- 1. Update References to the WIPP Fire Department in Permit Attachments D, E, and F**
- 2. Revise the WDS User's Manual Reference in Permit Attachments C and C3**
- 3. Update Location of an Underground First Aid Station in Permit Attachment D**
- 4. Update Permit Attachment B, Appendix B1, Other Environmental Permits**

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

WIPP Permit Number - NM4890139088-TSDF

August 2024

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Acronyms and Abbreviations

CFR	Code of Federal Regulations
DOE	U.S. Department of Energy
MOC	Management and Operating Contractor
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
Permit	Waste Isolation Pilot Plant Hazardous Waste Facility Permit
Permittees	U.S. Department of Energy and Salado Isolation Mining Contractors LLC
PMN	Permit Modification Notification
WDS	Waste Data System
WIPP	Waste Isolation Pilot Plant

Overview of the Permit Modification Notification

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

These PMNs are being submitted by the U.S. Department of Energy (**DOE**) and Salado Isolation Mining Contractors 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)). These PMNs are necessary to notify the New Mexico Environment Department (**NMED**) of changes which impact the Permit. These changes do not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The modifications to the Permit and any related supporting documents are provided in this PMN. The proposed modifications to the text of the Permit have 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 Notifications

Table 1. Class 1 Hazardous Waste Facility Permit Modification Notifications

Item No.	Affected Permit Section	Change Description	Category
1	Attachment D, <i>RCRA Contingency Plan</i> Attachment E, <i>Inspection Schedule, Process and Forms</i> Attachment F, <i>Facility Personnel Permit Training Program</i>	This modification revises the name of the WIPP Fire Department to WIPP Emergency Services. This modification also changes “Nuclear Waste Partnership LLC” to “Salado Isolation Mining Contractors LLC”.	A.1
2	Attachment C, <i>Waste Analysis Plan</i> Attachment C3, <i>Quality Assurance Objectives and Data Validation Techniques for Waste Characterization Methods</i>	This modification updates the reference lists to reflect the most current version of the WDS User’s Manual. This modification also removes all in-text citations for the WDS User’s Manual.	A.1
3	Attachment D, Table D-2, <i>Emergency Equipment Maintained at the Waste Isolation Pilot Plant</i>	This modification updates the “Location” column for the “Miners First Aid Stations” line item to reflect a relocation of a station from S700/W30 to S700/W170.	B.6.b
4	Attachment B, <i>Hazardous Waste Permit Application Part A</i> , Appendix B1, <i>Other Environmental Permits, Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of August 2023</i>	This modification updates Appendix B1 to reflect the most current status of other environmental permits.	A.1

Item 1

Description

This modification revises Permit text to update the name of the WIPP Fire Department to WIPP Emergency Service. This modification also changes “Nuclear Waste Partnership LLC” to “Salado Isolation Mining Contractors LLC”. Permit Attachments D, E and F are updated with the following changes:

- Permit Attachment D, *RCRA Contingency Plan*
 - Section D-2a, *Emergency Response Personnel*
 - Replaces the use of “Fire Department” with “Emergency Services”
 - Section D-2b, *Emergency Response Training*
 - Replaces the use of “Fire Department” with “Emergency Services”
 - Section D-4a(1), *Initial Emergency Response and Alerting the RCRA Emergency Coordinator*
 - Replaces the use of “Fire Department” with “Emergency Services”
 - Section D-8d, *Plan for Underground Evacuation*
 - Replace the use of “Fire Department” with “Emergency Services”
 - Table D-2, *Emergency Equipment Maintained at the Waste Isolation Pilot Plant*
 - Replaces the use of “Fire Department” with “Emergency Services”
- Permit Attachment E, *Inspection Schedule, Process and Forms*
 - Table E-1, *Inspection Schedule/Procedures*
 - Replaces the use of “Fire Department” with “Emergency Services”
- Permit Attachment F, *Facility Personnel Permit Training Program*
 - Section F-3, *References*
 - Replaces “Nuclear Waste Partnership LLC” with “Salado Isolation Mining Contractors LLC”.
 - Replaces the use of “Fire Department” with “Emergency Services”

Basis

This 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

These changes are needed to accurately reflect the organizations at the WIPP facility. Due to the WIPP Fire Department changing their organization name to WIPP Emergency Services, all references to this group are subsequently changed. This organization name change does not reduce the ability of the Permittees to provide continued protection to human health and the environment. In addition, documents that are referenced in the Permit are updated due to the new Management and Operating Contractor (**MOC**). Therefore, referenced documents that

have been updated since this MOC change, now refer to the owner of the document as Salado Isolation Mining Contractors LLC.

Revised Permit Text:

ATTACHMENT D
RCRA CONTINGENCY PLAN

D-2a Emergency Response Personnel

- ~~WIPP Emergency Services Fire Department~~—The primary providers of fire suppression, technical rescue, Emergency Medical Services (EMS), and hazardous materials response for the protection of personnel in both surface and underground facilities. The ~~WIPP Emergency Services Fire Department~~ personnel serve as an Industrial Fire Brigade and are trained to respond to surface and underground emergencies on site, including fires, medical emergencies, and releases of hazardous materials.
- ~~Firefighter~~—A WIPP ~~Emergency Services Fire Department~~ member who serves as a primary responder to surface and underground emergencies, including fires, medical emergencies, and releases of hazardous materials. Firefighters assigned to the underground will not perform any coordinated firefighting underground and will only respond to incipient-stage fires that threaten TRU mixed waste, if it is safe to do so.
- ~~Emergency Services Fire Department Incident Commander~~—Upon delegation by the RCRA Emergency Coordinator, and once incident command has been established, the Incident Commander is responsible for direction and supervision of emergency responders during an incident resulting in implementation of the *RCRA Contingency Plan*. The Incident Commander will be a member of the WIPP ~~Emergency Services Fire Department~~. For security-related incidents that invoke implementation of the *RCRA Contingency Plan*, the ~~Emergency Services Fire Department~~ Incident Commander will establish a unified command with the WIPP Protective Force.

D-2b Emergency Response Training

The WIPP ~~Emergency Services Fire Department~~ personnel are trained in accordance with the ~~WIPP Fire Department~~ ~~Emergency Services Training Plan~~, which is kept on file at the WIPP facility. The training plan incorporates current National Fire Protection Association (**NFPA**) standards for training Firefighters.

~~Emergency Services Fire Department~~ Incident Commanders are also trained in accordance with the ~~WIPP Fire Department~~ ~~Emergency Services Training Plan~~, which incorporates the Federal Emergency Management Agency (**FEMA**), Incident Command System (**ICS**), and the National Incident Management System (**NIMS**) standards.

WIPP personnel who perform EMS duties are licensed through the State of New Mexico Emergency Medical Systems Bureau. Licensure requirements for training, continuing education, and skills maintenance are set forth through state requirements. Licenses are maintained by attending training seminars or conferences.

As described above, emergency response training is conducted in accordance with the ~~WIPP Fire Department~~ ~~Emergency Services Training Plan~~, which is updated whenever the applicable standards are revised. In addition to the emergency response training, WIPP ~~Emergency~~

Services Fire Department personnel are required to complete applicable site-specific training, which is described in Permit Attachment F, *Facility Personnel Permit Training Program*.

D-4a(1) Initial Emergency Response and Alerting the RCRA Emergency Coordinator

The first person to become aware of an incident shall immediately report the situation to the CMRO and, as requested by the CMRO, provide the relevant information. Facility personnel are trained in the process for notifying the CMRO as part of General Employee Training (**GET**).

In addition to receiving incident reports from facility personnel, the CMRO monitors the status of alarms 24 hours a day, takes telephone calls and radio messages, initiates calls to emergency staff, and initiates emergency response procedures regarding evacuation, if needed.

Once the CMRO is notified of a fire, explosion, or a release anywhere in the facility (either by eyewitness notification or an alarm), the RCRA Emergency Coordinator is immediately notified. The RCRA Emergency Coordinator ensures that the emergency responders, including the WIPP Emergency Services Fire Department and the MRT, have been notified, as needed. Once incident command has been established, the RCRA Emergency Coordinator has the authority to delegate the responsibilities for mitigation of the incident to the Incident Commander.

D-8d Plan for Underground Evacuation

Notification for underground evacuation will be made using the underground evacuation alarm and strobe light signals.

Personnel will evacuate to the nearest Egress Hoist Station. Primary underground escape routes (identified by green reflectors on the rib) will be used, if possible. Secondary underground escape routes (identified by red reflectors on the rib) will be used if necessary (Figure D-3). Detailed descriptions of escapeways and an underground escape map are included in the *Underground Escape and Evacuation Plan* on file at the WIPP facility, as required by MSHA, 30 CFR §57.11053, for underground mining situations. The MSHA required map takes precedence over Figure D-3, *Underground Escape and Evacuation Map*, should an underground mine related event occur necessitating a change to the evacuation routes. The Underground Controller is responsible for underground personnel accountability and for reporting accountability to the RCRA Emergency Coordinator.

Upon reaching the surface, personnel will report to their on-site surface assembly or off-site staging area, as directed, to receive further instructions.

Members of the WIPP Emergency Services Fire Department and the MRT who may be underground, will assist in the evacuation of the underground when an underground evacuation is called for. A reentry by the MRT will be performed according to 30 CFR Part 49 and MSHA regulations for reentry into a mine. The MRTs are trained in compliance with 30 CFR Part 49 in mine mapping, mine gases, ventilation, exploration, mine fires, rescue, and recovery.

**Table D-2
Emergency Equipment Maintained at the Waste Isolation Pilot Plant**

Equipment	Description and Capabilities	Location
Communications		
Mine Pager Phones	Battery-operated paging system	Underground at E300 Maintenance Shop, S550/W30, S700/W30, S1600/E140, SH Shaft Collar and Underground Station Waste Shaft Collar and Underground Station; – surface at Support Building (Building 451, FSM desk, CMR, lamproom), Safety and Emergency Services Facility (Building 452, Emergency Services Fire Department workstation area, Mine Rescue Room)
Personal Protection Equipment		
Emergency Services Fire Department Self-Contained Breathing Apparatus (SCBA)	Air supply; a minimum of 12 units; SCBAs shall meet the minimum requirements established per NFPA 1981	Surface Fire Trucks; Underground Rescue Cart

ATTACHMENT E

INSPECTION SCHEDULE, PROCESS AND FORMS

**Table E-1
Inspection Schedule/Procedures**

System/Equipment Name	Responsible Organization	Inspection ^a Frequency	Procedure Number and Inspection Criteria ^h
Ambulance (Surface) and Medical Cart (Underground)	<u>Emergency Services</u> Fire Department	Weekly	WP 12-FP0030 Inspecting for Mechanical Operability ^m , Deterioration ^b , and Required Equipment ⁿ
Emergency Lighting	<u>Emergency Services</u> Fire Department	Monthly/Annually	WP 12-FP0051 Inspecting for Deterioration ^b , and Operability of indicator lights in accordance with NFPA 101
Fire Extinguishers ⁱ	<u>Emergency Services</u> Fire Department	Monthly	WP 12-FP0036 Inspecting for Deterioration ^b , Leaks/Spills, Expiration, seals, fullness, and pressure
Fire Hoses	<u>Emergency Services</u> Fire Department	Annually (minimum)	WP 12-FP0031 Inspecting for Deterioration ^b and Leaks/Spills
Fire and Emergency Response Vehicles (Fire Trucks, Fire Suppression Cart, and Rescue Cart)	<u>Emergency Services</u> Fire Department	Weekly	WP 12-FP0033 Inspecting for Mechanical Operability ^m , Deterioration ^b , Leaks/Spills, and Required Equipment ⁿ
Hazardous Material Response Equipment	<u>Emergency Services</u> Fire Department	Monthly	WP 12-FP0033 Inspecting for Deterioration ^b , and Required Equipment ⁿ
Miners First Aid Station	<u>Emergency Services</u> Fire Department	Quarterly	WP 12-FP0035 Inspecting for Required Equipment ⁿ
<u>Emergency Services</u> Fire Department SCBA	<u>Emergency Services</u> Fire Department	Weekly/Monthly	WP 12-FP0029 Inspecting for Deterioration ^b and Pressure

ATTACHMENT F

FACILITY PERSONNEL PERMIT TRAINING PROGRAM

F-3 References

Salado Isolation Mining Contractors LLC, Nuclear Waste Partnership LLC, "WIPP Training Program," WP 14-TR.01

Salado Isolation Mining Contractors LLC, Nuclear Waste Partnership LLC, "WIPP Fire Department Emergency Services Training Plan," WP 12-FP.04

Item 2

Description

This modification updates the reference lists to reflect the most current version of the WDS User's Manual. This modification also removes all in-text citations for the WDS User's Manual. Permit Attachments C and C3 are updated with the following changes:

- Permit Attachment C, *Waste Analysis Plan*
 - Section C-4a(5), *Data Transmittal*
 - Deleted "(DOE, 2019)".
 - Section C-5a(1), *WWIS Description*
 - Deleted "(DOE, 2019)".
 - Section C-9, *List of References*
 - Replaced "2019"
 - Added "Current Revision".
- Permit Attachment C3, *Quality Assurance Objectives and Data Validation Techniques for Waste Characterization Methods*
 - Section C3-6b(4), *WIPP Waste Information System Data Reporting*
 - Deleted "(DOE, 2019)".
 - Section C3-10, *List of References*
 - Deleted "2019."

Basis

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

Discussion

The changes are needed to reflect the most current version of the WDS User's Manual and minimize future administrative burden when maintaining the Permit. The WDS User's Manual is a living document, with the most current revision in use. Therefore, in-text citations and references to a specific publication for a revision of the WDS User's Manual, are unnecessary.

Revised Permit Text:

ATTACHMENT C
WASTE ANALYSIS PLAN

C-4a(5) Data Transmittal

Batch data reports will include the information required by Permit Attachment C3, Section C3-4 and will be transmitted by hard copy or electronically (provided a hard copy is available on demand) from the data generation level to the project level.

The generator/storage site transmits waste container information electronically via the WIPP Waste Information System (**WWIS**). Data will be entered into the WWIS in the exact format required by the database. Refer to Section C-5a(1) for WWIS reporting requirements and the *Waste Data System User's Manual* (DOE, 2019) for the WWIS data fields and format requirements.

Once a waste stream is characterized, the Site Project Manager will also submit to the Permittees a WSPF (Figure C-1) accompanied by the CIS for that waste stream which includes reconciliation with DQOs (Permit Attachment C3, Sections C3-6b(1) and C3-6b(2)). The WSPF, the CIS, and information from the WWIS will be used as the basis for acceptance of waste characterization information on TRU mixed wastes to be disposed of at the WIPP facility.

C-5a(1) WWIS Description

All generator/storage sites planning to ship TRU mixed waste to the WIPP facility will supply the required data to the WWIS. The WWIS Data Dictionary includes 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 limit checks that are performed automatically by the database, as defined in the *Waste Data System User's Manual* (DOE, 2019).

C-9 List of References

U.S. Department of Energy (DOE), 2019, "Waste Data System User's Manual," DOE/WIPP 09-3427, [Current Revision](#), U.S. Department of Energy.

ATTACHMENT C3

QUALITY ASSURANCE OBJECTIVES AND DATA VALIDATION TECHNIQUES FOR WASTE CHARACTERIZATION METHODS

C3-6b(4) WIPP Waste Information System Data Reporting

The WIPP Waste Information System (**WWIS**) Data Dictionary includes 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 limit checks that are performed automatically by the database, as defined in the *Waste Data System User's Manual* (DOE, 2019).

C3-10 List of References

DOE, 2019. Waste Data System User's Manual. DOE/WIPP 09-3427, Current Revision, Carlsbad, New Mexico, Carlsbad Area Office, U.S. Department of Energy.

Item 3

Description

This modification updates the "Location" column for the "Miners First Aid Stations" line item to reflect a relocation of a station from S700/W30 to S700/W170. The Permit Attachment D, *RCRA Contingency Plan*, is updated with the following changes:

- Permit Attachment D, *RCRA Contingency Plan*
 - Table D-2, *Emergency Equipment Maintained at the Waste Isolation Pilot Plant*
 - Replaces "S700/W30" with "S700/W170".

Basis

This change is classified as a "Replacement with functionally equivalent equipment, upgrade, or relocate emergency equipment listed" and is therefore a Class 1 modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42 Appendix I, B.6.b).

Discussion

This change is needed to update the location of an underground miner first aid station for medical response in the case of an emergency. Underground miner first aid stations are typically located in areas where personnel congregate (e.g., lunchroom, assembly areas). The old lunchroom area is now a travel way. Due to the relocation of an underground lunchroom, a first aid station was subsequently relocated and established in the new lunchroom area.

Proposed Revised Permit Text:

**Table D-2
Emergency Equipment Maintained at the Waste Isolation Pilot Plant**

Equipment	Description and Capabilities	Location
Medical Resources		
Ambulance	A minimum of one ambulance, maintained and equipped in accordance with the New Mexico Ambulance Standard, 18.3.14 NMAC, and as documented in WIPP facility files	Surface at Safety and Emergency Services Facility (Building 452, Vehicle Bay)
Medical Cart	A minimum of one medical cart, equipped to provide basic life support operations, as documented in WIPP facility files	Underground (Emergency Vehicle Parking/Charging Area at S700/E140)
Miners First Aid Stations	Equipped per 30 CFR 57.15001	Underground (Salt Shaft Area, Waste Shaft Area, E300 Maintenance Shop, and at S700/W 17030 ¹⁷⁰³⁹ , S1300/W30, and S1600/E140)

Item 4

Description

This modification updates Permit text to reflect the most current status of other environmental permits.

The changes to Permit Attachment B, *Hazardous Waste Permit Application Part A, Appendix B1, Other Environmental Permits, Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of August 2023*, are as follows:

- Updated the title from “August 2023” to “August 2024.”
- Line item 13: Changed “& Lea Counties” to “County.”
- Line item 13: Changed “RW-25430” to “R-40726.”
- Line item 13: Replaced “09/28/04” with “01/25/24” and replaced “1/31/28” with “01/25/44.”
- Line item 13: Updated “Expired Renewal in Process” to “Active.”
- Line item 18: Replaced “Active” with “Renewal in Process.”
- Line item 63: Replaced “03/19/18” with “04/11/24” and replaced “09/30/23” with “04/11/29.”
- Line item 63: Updated “Active Renewal in Process” to “Active.”
- Line item 83: Updated “Active” to “Renewal in Process.”
- Added “in parentheses.” to the footnote.

Basis

This change is classified as “Administrative and informational changes” and is, therefore, a Class 1 modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR §270.42, Appendix I, A.1).

Discussion

These updates are needed to update the status of some environmental permits and approvals. Additionally, there is a change to the footnote located at the end of Appendix B1. This change is needed to clearly indicate that non-DOE grantees are distinguished by the agency name in parentheses.

Revised Permit Text:

Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of ~~August 2023~~ August 2024

	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 Domestic Water Pipeline	NM053809	05/15/06 (City of Carlsbad, NM)	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 WIPP Railroad Spur and Maintenance Road	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	08/04/11	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 telephone cable	NM046092	09/04/81 (Valor Telecom)	12/31/40	Active
7	Department of the Interior, Bureau of Land Management	Right-of-Way for 115 KV Electric Transmission Line	NM043203	10/19/81 (Xcel Energy)	12/31/40	Active
8	Department of the Interior, Bureau of Land Management	Right-of-Way for South Access Road (includes Rally Point)	NM123703	01/27/10	12/31/39	Active
9	Department of the Interior, Bureau of Land Management	Right-of-Way for Mosaic (Duval Mine Site-Nash Draw) telephone line	NM060174	03/08/85 (Valor Telecom)	03/08/35	Active
10	Department of the Interior, Bureau of Land Management	Right-of-Way for groundwater monitor wells/pads	NM108365	08/30/02	08/30/32	Active
11	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
12	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

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
13	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way easement for accessing state trust lands in Eddy County & Lea Counties	R-40726 RW-25430	01/25/24 09/28/04	01/25/44 10/31/18	Active Expired Renewal in Process
14	Department of Interior, Bureau of Land Management	Right of Way for Buried Fiber Optics Line	NM113339	08/09/05 (Valor Telecom)	12/31/34	Active
15	Department of Interior, Bureau of Land Management	Right of Way for South Access Road Fence	NM094304	03/15/95	None	Active
16	New Mexico Environment Department Groundwater Quality Bureau	Discharge Permit	DP-831	01/28/22	01/27/27	Active
17	New Mexico Environment Department Air Quality Bureau	Operating Permit for two backup diesel generators	310-M-2	12/07/93	None	Active
18	New Mexico Environment Department Petroleum Storage Tank Bureau	Petroleum Storage Tank Registration Certificate	Registration Number 2008 Facility Number 31539	07/02/23	06/30/24	Active Renewal in Process
19	Office of New Mexico State Engineer	Monitoring Well C-2811	C-2811	03/02/01	None	Active
20	Office of New Mexico State Engineer	WQSP-1 Well	C-2413	10/21/96	None	Active
21	Office of New Mexico State Engineer	WQSP-2 Well	C-2414	10/21/96	None	Active
22	Office of New Mexico State Engineer	WQSP-3 Well	C-2415	10/21/96	None	Active
23	Office of New Mexico State Engineer	WQSP-4 Well	C-2416	10/21/96	None	Active
24	Office of New Mexico State Engineer	WQSP-5 Well	C-2417	10/21/96	None	Active
25	Office of New Mexico State Engineer	WQSP-6 Well	C-2418	10/21/96	None	Active
26	Office of New Mexico State Engineer	WQSP-6a Well	C-2419	10/21/96	None	Active
27	Office of New Mexico State Engineer	Monitoring Well CB-1	C-2664	07/30/99	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
28	Office of New Mexico State Engineer	Monitoring Well DOE-2	C-2682	04/17/00	None	Active
29	Office of New Mexico State Engineer	Monitoring Well H-2b1	C-2758	11/06/00	None	Active
30	Office of New Mexico State Engineer	Monitoring Well H-3b1	C-2764	11/06/00	None	Active
31	Office of New Mexico State Engineer	Monitoring Well H-3d	C-3207	11/06/00	None	Active
32	Office of New Mexico State Engineer	Monitoring Well H-4c	C-2776	11/06/00	None	Active
33	Office of New Mexico State Engineer	Monitoring Well H-5bR	C-2745-POD2	02/07/19	None	Active
34	Office of New Mexico State Engineer	Monitoring Well H-6c	C-2750	11/06/00	None	Active
35	Office of New Mexico State Engineer	Monitoring Well H-8a	C-2780	11/06/00	None	Active
36	Office of New Mexico State Engineer	Monitoring Well H-9c	C-2784	11/06/00	None	Active
37	Office of New Mexico State Engineer	Monitoring Well H-10a	C-2779	11/06/00	None	Active
38	Office of New Mexico State Engineer	Monitoring Well H-11b2	C-2687	04/17/00	None	Active
39	Office of New Mexico State Engineer	Monitoring Well H-14	C-2766	11/06/00	None	Active
40	Office of New Mexico State Engineer	Monitoring Well H-15	C-2685	04/17/00	None	Active
41	Office of New Mexico State Engineer	Monitoring Well H-16	C-2753	11/06/00	None	Active
42	Office of New Mexico State Engineer	Monitoring Well H-18	C-2683	04/17/00	None	Active
43	Office of New Mexico State Engineer	Monitoring Well H-19b0	C-2420	01/25/95	None	Active
44	Office of New Mexico State Engineer	Monitoring Well H-19b2	C-2421	01/25/95	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
45	Office of New Mexico State Engineer	Monitoring Well H-19b3	C-2422	01/25/95	None	Active
46	Office of New Mexico State Engineer	Monitoring Well H-19b4	C-2423	01/25/95	None	Active
47	Office of New Mexico State Engineer	Monitoring Well H-19b5	C-2424	01/25/95	None	Active
48	Office of New Mexico State Engineer	Monitoring Well H-19b6	C-2425	01/25/95	None	Active
49	Office of New Mexico State Engineer	Monitoring Well H-19b7	C-2426	01/25/95	None	Active
50	Office of New Mexico State Engineer	Monitoring Well WIPP-18	C-2684	04/17/00	None	Active
51	Office of New Mexico State Engineer	Monitoring Well H-6bR	C-3362	12/27/07	None	Active
52	Office of New Mexico State Engineer	Monitoring Well H-15R	C-3361	12/27/07	None	Active
53	Office of New Mexico State Engineer	Monitoring Well SNL-2	C-2948	02/14/03	None	Active
54	Office of New Mexico State Engineer	Monitoring Well SNL-9	C-2950	02/14/03	None	Active
55	Office of New Mexico State Engineer	Monitoring Well SNL-12	C-2954	02/25/03	None	Active
56	Office of New Mexico State Engineer	Monitoring Well SNL-1	C-2953	02/25/03	None	Active
57	Office of New Mexico State Engineer	Monitoring Well SNL-3	C-2949	02/14/03	None	Active
58	Office of New Mexico State Engineer	Monitoring Well SNL-5	C-3002	10/01/03	None	Active
59	Office of New Mexico State Engineer	Monitoring Well IMC-461	C-3015	11/25/03	None	Active
60	Office of New Mexico State Engineer	Monitoring Well SNL-10	C-3221	07/26/05	None	Active
61	Office of New Mexico State Engineer	Monitoring Well SNL-16	C-3220	07/26/05	None	Active

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
62	Office of New Mexico State Engineer	Monitoring Well SNL-17	C-3222	07/26/05	None	Active
63	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	03/19/18 <u>04/11/24</u>	09/30/23 <u>04/11/29</u>	Active Renewal in Process
64	US Fish and Wildlife Service	Special Purpose – Relocate	MB155189-2	04/01/23	03/31/26	Active
65	New Mexico Department of Game and Fish	Biotic Collection Permit	Authorization # 3293	12/16/22	12/31/25	Active
66	Office of New Mexico State Engineer	Monitoring Well H-4bR	C-3404	01/13/09	None	Active
67	Office of New Mexico State Engineer	Monitoring Well H-9bR	C-2783-POD2	07/14/10	None	Active
68	Office of New Mexico State Engineer	Monitoring Well C-2737	C-2737	09/27/00	None	Active
69	Office of New Mexico State Engineer	Monitoring Well WIPP-11R	C3112-POD2	02/07/19	None	Active
70	Office of New Mexico State Engineer	Monitoring Well SNL-6	C-3151	02/10/05	None	Active
71	Office of New Mexico State Engineer	Monitoring Well SNL-8	C-3150	02/10/05	None	Active
72	Office of New Mexico State Engineer	Monitoring Well SNL-13	C-3139	12/17/04	None	Active
73	Office of New Mexico State Engineer	Monitoring Well SNL-14	C-3140	12/17/04	None	Active
74	Office of New Mexico State Engineer	Monitoring Well SNL-15	C-3152	02/10/05	None	Active
75	Office of New Mexico State Engineer	Monitoring Well SNL-18	C-3233	10/06/05	None	Active
76	Office of New Mexico State Engineer	Monitoring Well SNL-19	C-3234	10/06/05	None	Active
77	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

	Granting Agency	Type of Permit	Permit/Right of Way Number	Granted/ Submitted *	Expiration	Current Permit Status
78	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-11 and SNL-5 well pads and road access	NM110735	10/16/03	10/16/33	Active
79	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
80	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
81	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
82	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
83	Department of the Interior, Bureau of Land Management	Right-of-Way for 69KV Electric Distribution Line	NM091163	02/16/94 (Xcel Energy)	02/15/24	Active Renewal in Process
84	Office of New Mexico State Engineer	Monitoring Well H-11b4R	C-2769-POD2	05/16/11	None	Active
85	Office of New Mexico State Engineer	Monitoring Well AEC-7R	C-3635-POD1	04/24/13	None	Active
86	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way easement for SNL-1 Access Road and well pad	RW-28535	08/27/03	08/27/38	Active
87	New Mexico State Land Office Commissioner of Public Lands	Right-of-Way easement for SNL-3 Access Road and well pad	RW-28537	08/27/03	08/27/38	Active
88	Office of New Mexico State Engineer	Monitoring Well H-12R	C-3749 POD1	06/24/14	None	Active
89	Department of the Interior, Bureau of Land Management	Right-of-Way grant for H-12R Access Road and well pad	NM-131916	06/19/14	12/31/43	Active
90	Office of New Mexico State Engineer	Monitoring Well H-10cR	C-3851-POD1	07/09/15	None	Active
91	New Mexico State Land Office	Water Monitoring Easement for SNL-1	WM-120	08/22/22	08/21/27	Active
92	New Mexico State Land Office	Water Monitoring Easement for SNL-3	WM-119	08/22/22	08/21/27	Active
93	U.S. Department of the Interior, Bureau of Land Management	Seismic Monitoring Stations	NM-120413	07/10/08	12/31/37	Active
94	New Mexico Environment Department	NSR Streamline, Level 1, Minor Source, Air Permit	310-M3	07/12/19	None	Active

| *Non DOE grantee is noted in parentheses.