



Department of Energy

Carlsbad Field Office
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July 25, 2025

Mr. JohnDavid Nance, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

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

Dear Mr. Nance:

The purpose of this letter is to provide the New Mexico Environment Department the Class 1 Permit Modification Notification for the following item:

- Update Permit Attachment D, Figure D-1, *Waste Isolation Pilot Plant (WIPP) Surface Structures*, Permit Attachment D, Figure D-2, *Spatial View of the WIPP Facility*; Permit Attachment M, Figure M-58, *WIPP Traffic Flow Diagram*

We certify under the 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.

Mr. Michael Gerle, Director, Environmental Regulatory Compliance Division, is your point of contact regarding any questions or comments. Mr. Gerle can be reached at (575) 988-5372.

Sincerely,

//Signatures on File//

//Signatures on File//

Mark Bollinger
Manager
Carlsbad Field Office

Ken Harrawood
Program Manager
Salado Isolation Mining Contractors, LLC

Enclosure

cc: w/enclosure

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Class 1 Permit Modification Notification

- 1. Update Permit Attachment D, Figure D-1, *WIPP Surface Structures*; Permit Attachment D, Figure D-2, *Spatial View of the WIPP Facility*; Permit Attachment M, Figure M-58, *WIPP Traffic Flow Diagram***

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

WIPP Permit Number - NM4890139088-TSDF

July 2025

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Acronyms and Abbreviations

CFR	Code of Federal Regulations
DOE	U.S. Department of Energy
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NFB	New Filter Building
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
PPA	Property Protection Area
RCRA	Resource Conservation and Recovery Act
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 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 Code of Federal Regulations (**CFR**) §270.42(a)). The PMN in this document is necessary to notify the New Mexico Environment Department (**NMED**) of a change 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 modification to the text of the Permit has been identified using **red** text and double underline and a ~~strikeout~~ font for deleted information.

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 D, Figure D-1, <i>WIPP Surface Structures</i> ; Attachment D, Figure D-2, <i>Spatial View of the WIPP Facility</i> ; and Attachment M, Figure M-58, <i>WIPP Traffic Flow Diagram</i>	This modification replaces the current figures to reflect the area encompassing the New Filter Building (Building 416) is no longer under construction, inclusion of this area into the Property Protection Area (PPA) and includes updated information.	A.1

Item 1

Description

This modification revises Permit Attachment D, Figure D-1, *WIPP Surface Structures*; Permit Attachment D, Figure D-2, *Spatial View of the WIPP Facility*; and Permit Attachment M, Figure M-58, *WIPP Traffic Flow Diagram*, with the changes described below. These figure changes depict that the area encompassing the New Filter Building (Building 416) is no longer under construction, inclusion of this area into the Property Protection Area (PPA) and includes updated information.

- Removed “Under Construction” label and respective cross hatching in the New Filter Building (**NFB**) area from the following Permit figures:
 - Permit Attachment D, Figure D-1, *WIPP Surface Structures*
 - Permit Attachment D, Figure D-2, *Spatial View of the WIPP Facility*
 - Permit Attachment M, Figure M-58, *WIPP Traffic Flow Diagram*
- Permit Attachment D, Figure D-1, *WIPP Surface Structures* and Permit Attachment M, Figure M-58, *WIPP Traffic Flow Diagram* is updated with the following changes:
 - Added a marker on the PPA fence line for a new turnstile gate
 - Removed PPA fence separating the NFB area from the previous PPA
 - Added the two plant roads around the NFB area
 - Added the new ventilation system ductwork
 - Added substation next to Pumphouse 490 and in the NFB area
 - Added “FAB” Building (building 418) in the NFB area
 - Changed bldg. 242 to 244 and bldg. 270 to 260 in the legend
 - Added the following building number labels to the figure; 254.2, 254.7, 254.9, 255.1, 255.2 and 351
- Permit Attachment D, Figure D-1, *WIPP Surface Structures*, is updated with the following changes
 - Updated locations for emergency assembly and staging areas
 - Updated legend to reflect assembly and staging area markers

Basis

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

Discussion

This modification is needed to update the above-listed Permit figures to remove the “Under Construction” status from the NFB area, to update the PPA fence line, to add a new turnstile gate to the PPA fence line south of the NFB, and to provide minor updates (described above) to depict the current facility.

The NFB construction is complete and is now operational. Applicable inspections of emergency equipment maintained in the NFB listed in Permit Attachment D, Table D-2 have been initiated.

The respective figures were updated to remove the fence line separating the NFB from the previous PPA to incorporate the NFB into the PPA pursuant to the Class 1 PMN submitted to the NMED on April 3, 2025.

A turnstile gate has been installed in the fence line of the PPA to allow limited entry of personnel working in the New Filter Building area. Entry to the facility will be controlled pursuant to Permit Part 2, Section 2.6.3.

Red boxes are provided on the versions of the figures being replaced to depict the exact areas where changes are being made.

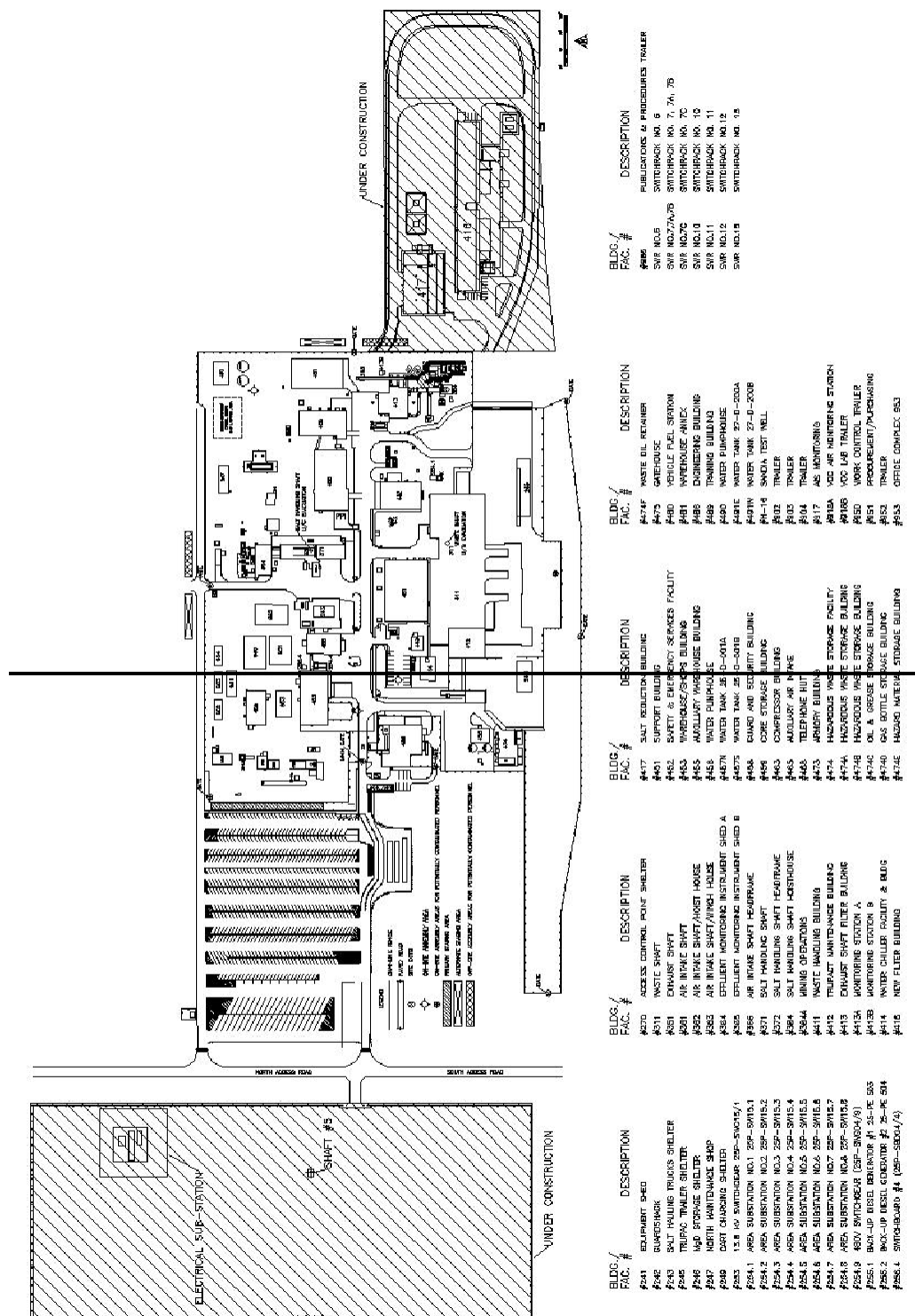


Figure D-1
WIPP Surface Structures

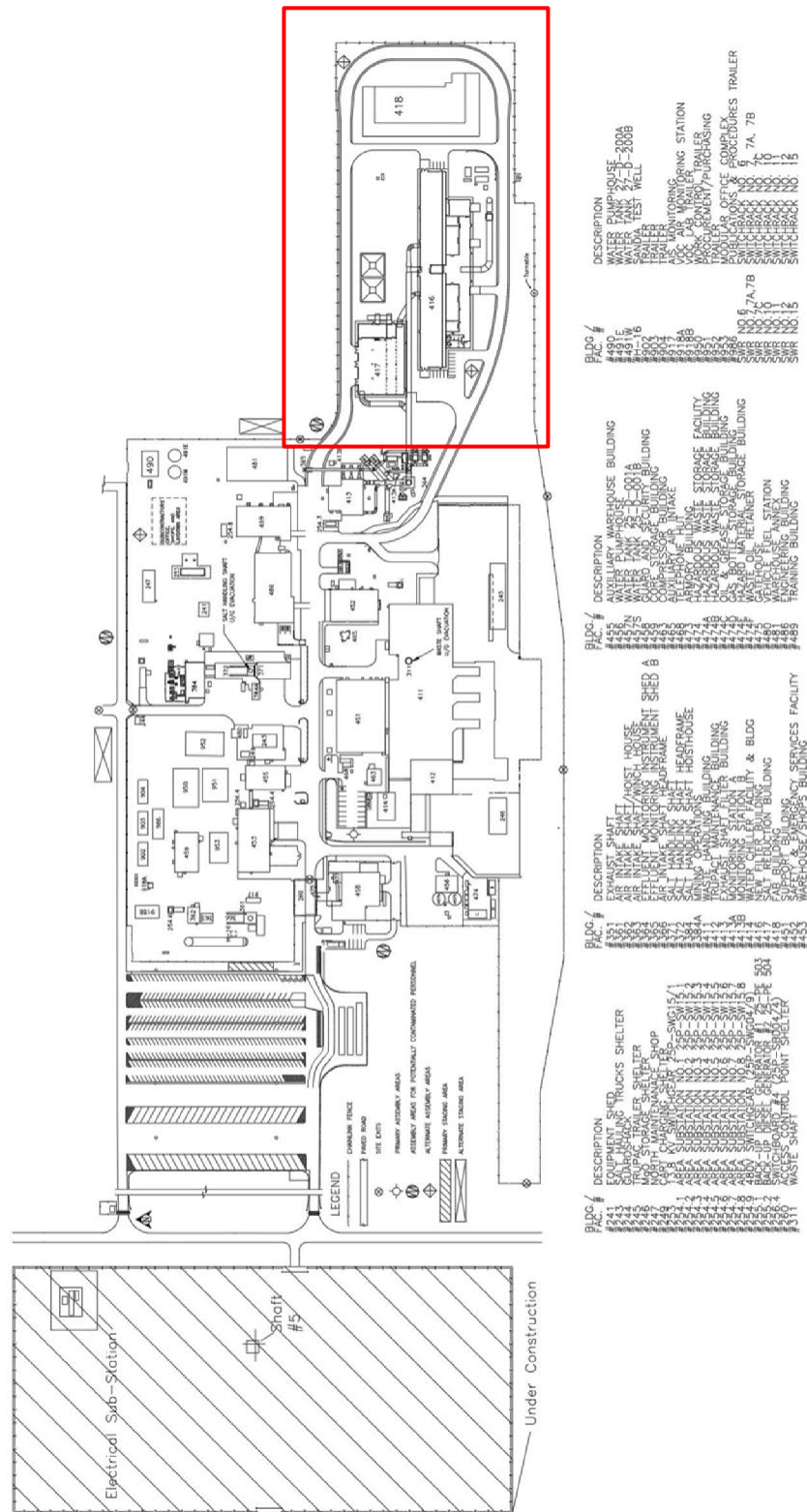


Figure D-1
WIPP Surface Structures

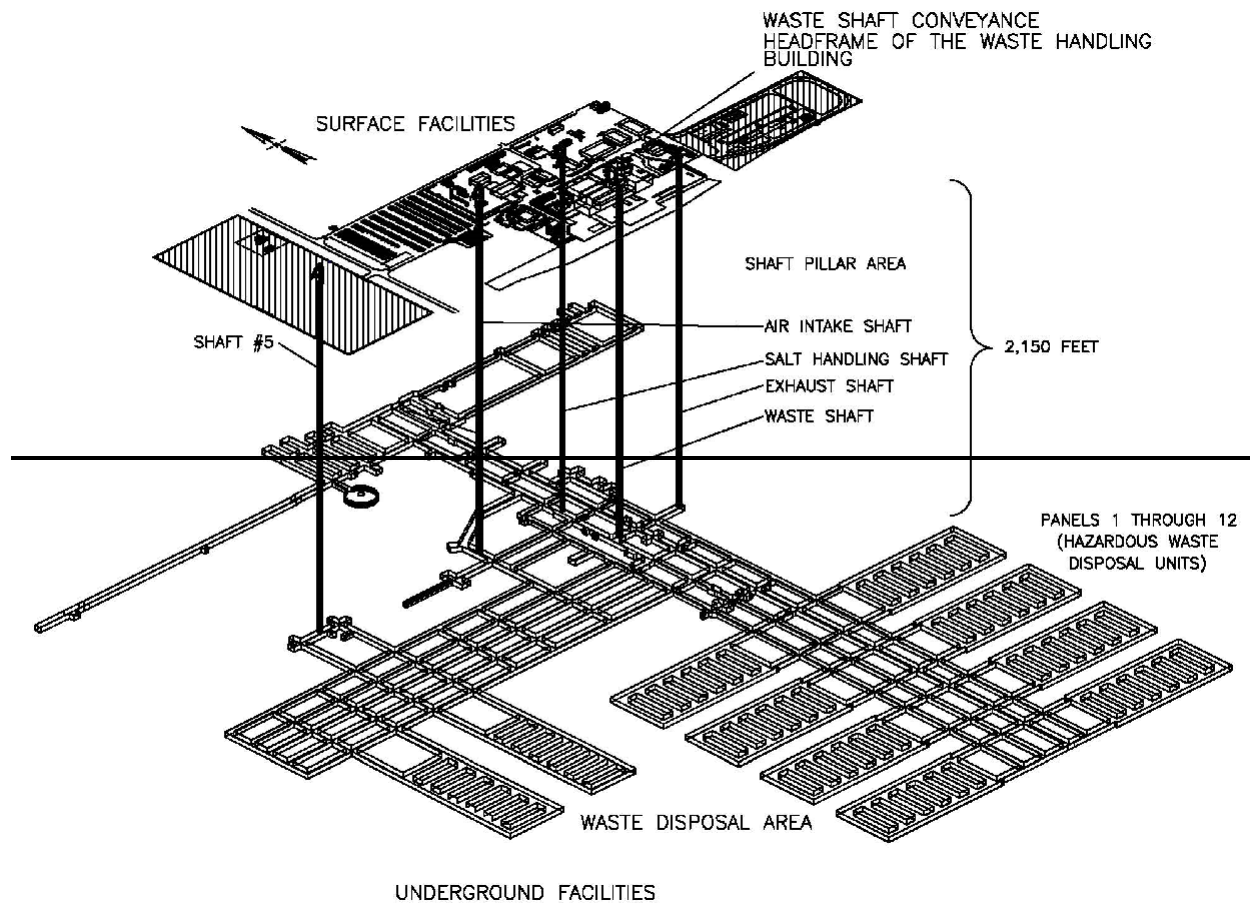


Figure D-2
Spatial View of the WIPP Facility

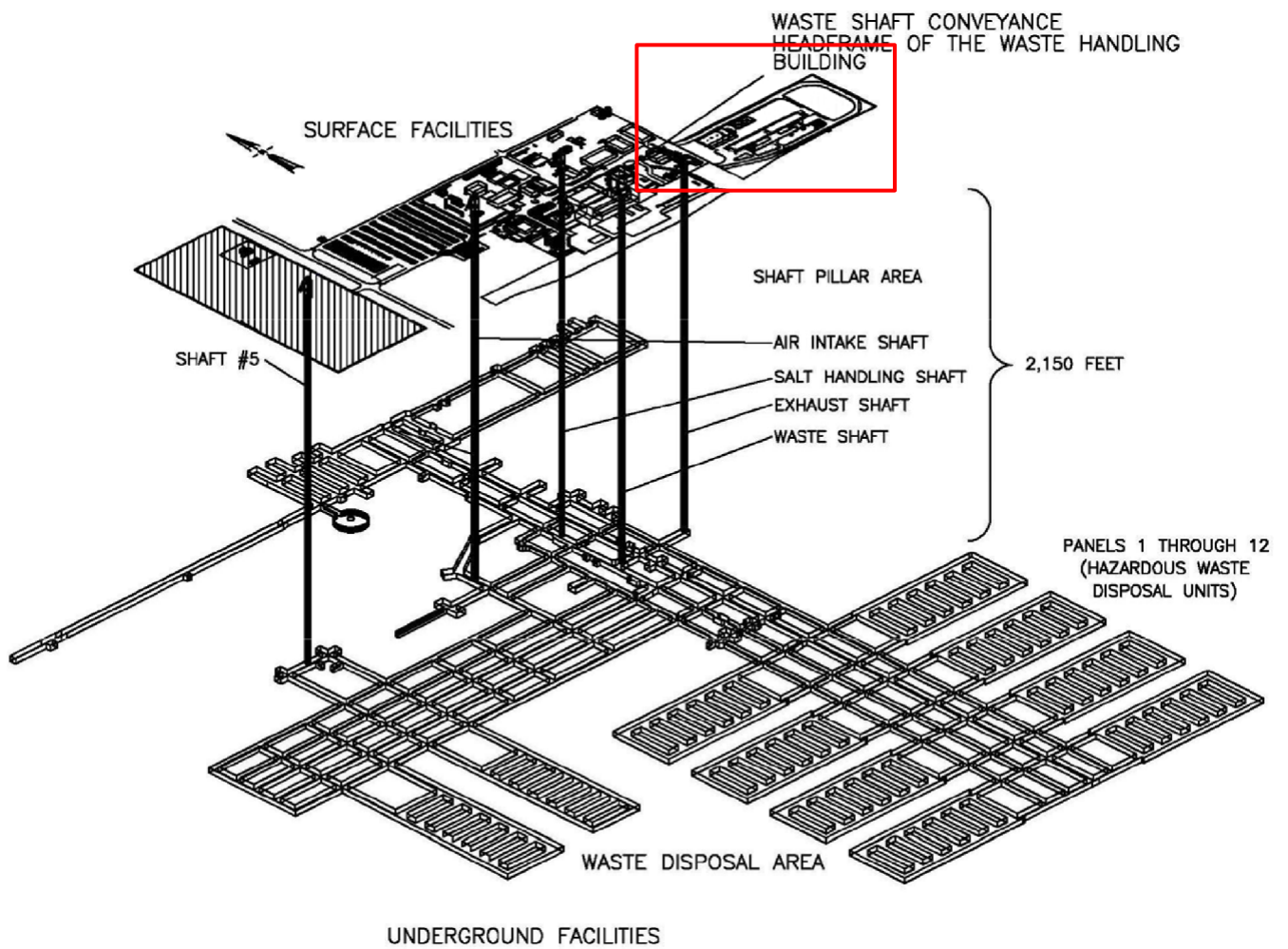


Figure D-2
Spatial View of the WIPP Facility

