



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

October 15, 2026

Mr. JohnDavid Nance, 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 Notifications, 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
Hazardous Waste Bureau with the Class 1 Permit Modification Notification for the following
items:

- Update Permit Attachment B, Appendix B1, Other Environmental Permits
- Update Management and Operating Contractor Name in Attachment B
- Revise Terminology Used for Corrective Action Reports in Permit Attachment C, Permit Attachment C3, Permit Attachment C4, Permit Attachment C6, Permit Attachment C7, and Permit Attachment L

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.

Mr. Michael Gerle, Director, Environmental Regulatory Compliance Division, is your point of contact regarding any technical questions or comments. Mr. Gerle can be reached 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

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*ED denotes electronic distribution

Class 1 Permit Modification Notifications

- 1. Update Permit Attachment B, Appendix B1, Other Environmental Permits**
- 2. Update Management and Operating Contractor Name in Permit Attachment B**
- 3. Revise Terminology Used for Corrective Action Reports in Permit Attachment C, Permit Attachment C3, Permit Attachment C4, Permit Attachment C6, Permit Attachment C7, and Permit Attachment L**

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

WIPP Permit Number - NM4890139088-TSDF

October 2026

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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
WIPP	Waste Isolation Pilot Plant

Overview of the Permit Modification Notifications

This document contains three 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 Code of Federal Regulations (**CFR**) §270.42(a)). The PMNs in this document 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 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 Notifications

Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification

Item No.	Affected Permit Section	Change Description	Category
1	Attachment B, <i>Hazardous Waste Permit Application Part A, Appendix B1, Other Environmental Permits, Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of September 2026</i>	This modification updates Appendix B1 to reflect the most current status of other environmental permits.	A.1
2	Attachment B, <i>RCRA PART A APPLICATION CERTIFICATION</i>	This modification revises the name of the Management and Operating Contractor in the RCRA PART A Application	A.1
3	Attachment C, Section C-5a(3), <i>Audit and Surveillance Program</i> Attachment C, Section C-7, <i>Record Management and Reporting</i> Attachment C3, Section C3-7, <i>Nonconformances</i> Attachment C4, Section C4-3, <i>Audits of Acceptable Knowledge</i> Attachment C6, Section C6-4, <i>Audit Conduct</i> Attachment C7, Section C7-2, <i>Noncompliant Waste Identified During Waste Confirmation</i> Attachment L, Section L-6, <i>Records Management</i>	This modification revises the terminology for Corrective Action Reports used in the Permit.	A.1

Item 1

Description

This modification updates 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 October 2026*, with the following changes:

- Updated the title of the table from “August 2024” to “October 2026”
- Line item 18: Replaced “2008” with “2182”
- Line Item 18: Replaced “07/02/23” with “07/01/2026” and replaced “06/30/2024” with “06/30/2027”
- Line Item 18: Replaced “Renewal in Process” with “Closure in Process”
- Line Item 64: Replaced “MB155189-2” to “MB155189-3”
- Line Item 64: Replaced “04/01/23” with “04/01/26” and replaced “03/31/26” with “12/31/28”
- Line item 65: Replaced “12/16/22” with “12/01/25” and replaced “12/31/25” with “12/31/27”

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

This modification updates Permit Attachment B, Appendix B1 with the most current information regarding the list of other environmental permits. The Permittees are updating the date in the table title to correspond with this change. Line 18 is being updated with renewed permit information however, the tanks have been removed and are now in the closure process. Lines 64 and 65 are being updated with respective renewed permit information. These changes are needed to keep the Permit current and ensure accuracy of the Permit text.

Revised Permit Text:

**APPENDIX B1
OTHER ENVIRONMENTAL PERMITS**

Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of ~~October 2026~~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	R-40726	01/25/24	01/25/44	Active
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 20082182 Facility Number 31539	07/02/23 07/01/2026	06/30/24 06/30/2027	Renewal in Process Closure 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 WMP-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	04/11/24	04/11/29	Active
64	US Fish and Wildlife Service	Special Purpose – Relocate	MB155189-23	04/01/2326	03/31/2612/31/28	Active
65	New Mexico Department of Game and Fish	Biotic Collection Permit	Authorization # 3293	12/16/2201/25	12/31/2527	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	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

Item 2

Description

This modification revises the name of the Management and Operating Contractor in one section of the Permit. Permit Attachment B, *RCRA PART A APPLICATION CERTIFICATION*, is updated with the following changes:

- Replaced “Nuclear Waste Partnership LLC” with “Salado Isolation Mining Contractors LLC”
- Replaced “5/15/2023” with “10/15/2026”

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

This change is needed to update Permit text to the current Management and Operating Contractor (**MOC**) name Salado Isolation Mining Contractors LLC. This was previously accomplished with a Class 1* Permit Modification on November 22, 2022, Change in Operational Control, however this text in the Permit needs to be modified to match the previous informational change.

Revised Permit Text:

ATTACHMENT B

HAZARDOUS WASTE PERMIT APPLICATION PART A

NM4890139088

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~~ Salado Isolation Mining Contractors 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 Mark Bollinger
Title: Manager, Carlsbad Field Office (CBFO)
for: U.S. Department of Energy
Date: 5/15/2023 10/15/2026

Co-Operator Signature: Original signed by Ken Harrawood
Title: Program Manager
for: Salado Isolation Mining Contractors LLC
Date: 5/15/2023 10/15/2026

Item 3

Description

This modification revises the terminology used for Corrective Action Reports (**CARs**) used in the Permit. Permit Attachment C, *Waste Analysis Plan*, Permit Attachment C3, *Quality Assurance Objectives And Data Validation Techniques For Waste Characterization Methods*, Permit Attachment C4, *TRU Mixed Waste Characterization Using Acceptable Knowledge*, Permit Attachment C6, *Audit and Surveillance Program*, Permit Attachment C7, *TRU Waste Confirmation*, and Permit Attachment L, *WIPP Groundwater Detection Monitoring Program Plan*, are updated with the following changes:

- Permit Attachment C, Section C-5a(3), *Audit and Surveillance Program*
 - Replaced “corrective action report (CAR)” with “deficiency”
- Permit Attachment C, Section C-7, *Record Management and Reporting*
 - Replaced “corrective action reports” with “deficiencies” in two places
- Permit Attachment C3, Section C3-7, *Nonconformances*
 - Deleted “on a Corrective Action Report (CAR)”
 - Replaced “CAR” with “deficiency” in five places
 - Deleted “CAR”
- Permit Attachment C4, Section C4-3g, *Audits of Acceptable Knowledge*
 - Deleted “Corrective Action Reports (CARs)”
 - Replaced “CARs” with “deficiencies”
- Permit Attachment C6, Section C6-4, *Audit Conduct*
 - Replaced “items with “deficiencies” in two places
 - Deleted “on a Corrective Action Report (CAR)”
 - Replaced “CAR” with “deficiency” in nine places
 - Replaced “CARs” with “deficiencies” in five places
 - Replaced “CAR” with “report”
 - Added “Including those
 - Deleted “items”
 - Deleted “and CARs”
- Permit Attachment C7, Section C7-2, *Noncompliant Waste Identified During Waste Confirmation*
 - Replaced “CAR” with “deficiency”
- Permit Attachment L, Section L-6, *Records Management*
 - Replaced “Corrective Action Reports” with “Deficiencies”

Basis

This change is classified as an “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

This change is needed to revise the terminology used for CARS and “items” to deficiencies to make the Permit text accurate and consistent. The Carlsbad Field Office (**CBFO**) is updating their process for tracking deficiencies so revising the terminology also supports the planned changes to their process. The Permit sometimes uses the term “deficiency,” “Corrective Action Report” and “items” interchangeably. The term “deficiency” will be used for consistency and “CARS” is therefore deleted. A deficiency is first identified; the corrective action is then delineated and documented; as demonstrated by flow chart in the Appendix to Item 3. The term “Corrective Action Report” was the mechanism described to document the deficiency and corrective actions necessary to address deficiencies and is no longer the term used to document a deficiency. Other terms such as “items” may be used to identify and track deficiencies and should not be confused with the corrective action. This change provides consistency and accuracy throughout the Permit for deficiencies that are identified and facilitates implementation and tracking.

Leaving only the term deficiency and adding a general provision to document and track deficiencies in accordance with standard operating procedures provides the Permittees with more flexibility and ensures consistent use of terms.

Since this change is Waste Analysis Plan (**WAP**) related the associated procedure(s) will be submitted at a later date.

Revised Permit Text:

ATTACHMENT C
WASTE ANALYSIS PLAN

C-5 PERMITTEE LEVEL WASTE SCREENING AND VERIFICATION OF TRU MIXED WASTE

C-5a(3) Audit and Surveillance Program

An important part of the Permittees' verification process is the Audit and Surveillance Program. The focus of this audit program is compliance with this WAP and the Permit. This audit program addresses AK implementation and testing activities, from waste stream classification assignment through waste container certification, and ensures compliance with SOPs and the WAP. Audits will ensure that containers and their associated documentation are adequately tracked throughout the waste handling process. Operator qualifications will be verified, and implementation of QA/QC procedures will be surveyed. A final report that includes generator/storage site audit results and applicable WAP-related ~~corrective-action report (CAR)~~ deficiency resolution will be provided to NMED for approval and will be kept in the WIPP facility Operating Record until closure of the WIPP facility.

C-7 Records Management and Reporting

- Audit reports and ~~corrective-action reports~~deficiencies from the Audit and Surveillance Program audits as specified in Section C-5a(3) and Permit Attachment C
- ~~Corrective-action reports~~Deficiencies and closure information for corrective actions taken due to nonconforming waste being identified during waste confirmation by the Permittees

ATTACHMENT C3

QUALITY ASSURANCE OBJECTIVES AND DATA VALIDATION TECHNIQUES FOR WASTE CHARACTERIZATION METHODS

C3-7 NONCONFORMANCES

DOE'S Corrective Action Process

The DOE shall initiate a corrective action process when internal nonconformances and nonconformances at the generator/storage sites are identified. Activities and processes that do not meet requirements are documented as deficiencies.

When a deficiency is identified by the Permittees, the following process action steps are required:

- The condition is documented ~~on a Corrective Action Report (CAR)~~ by the individual identifying the problem.
- The DOE has designated the ~~CAR~~ deficiency Initiator and Assessment Team Leader to review the ~~CAR~~ deficiency, determine validity of the finding (determine that a requirement has been violated), classify the significance of the condition, assign a response due date, and issue the ~~CAR~~ deficiency to the responsible party.
- The responsible organization reviews the ~~CAR~~ deficiency, evaluates the extent and cause of the deficiency and provides a response to DOE, indicating remedial actions and actions to preclude recurrence that will be taken.
- The DOE reviews the response from the responsible organization and, if acceptable, communicates the acceptance to the responsible organization.
- The responsible organization completes remedial actions and actions to preclude recurrence of the condition.
- After the corrective actions have been completed, DOE schedules and performs a verification to ensure that corrective actions have been completed and are effective. When the corrective actions have been completed and verified as being effective, the ~~CAR~~ deficiency is closed by the ~~CAR~~ Initiator and Assessment Team Leader on behalf of DOE.

ATTACHMENT C4

TRU MIXED WASTE CHARACTERIZATION USING ACCEPTABLE KNOWLEDGE

C4-3 ACCEPTABLE KNOWLEDGE TRAINING, PROCEDURES AND OTHER REQUIREMENTS

C4-3g Audits of Acceptable Knowledge

After the audit is complete, the DOE will provide the site with preliminary results at a close-out meeting. The DOE will prepare a final audit report that includes the observations and findings identified during the audit. Sites shall respond to the audit findings and identify corrective actions. Audit results will be included in the final audit report (Permit Attachment C6). If AK procedures do not exist, the required information is not available, or corrective actions (i.e., ~~Corrective Action Reports (CARs)~~ are associated with deficiencies in the AK compilation process (i.e., the minimum required information in Section C4-2 has not been collected and organized to present the required information on the subject waste stream(s)), and/or EPA hazardous waste number assignment is not accurate, the Permittees will not manage, store, or dispose TRU mixed waste for the subject waste stream(s). Permit Attachment C3, Section C3-7, Nonconformances, requires the responsible organization(s) to review ~~CARs-deficiencies~~ and evaluate the extent of condition. If, during the corrective action process, the extent of condition is determined to be applicable to other waste streams, the Permittees will not manage, store, or dispose of TRU mixed waste from those affected waste streams. Management, storage, or disposal of the subject waste summary category at the WIPP facility will not resume until the DOE finds that the corrective actions have been implemented and the site complies with the applicable requirements of the WAP.

ATTACHMENT C6

AUDIT AND SURVEILLANCE PROGRAM

C6-4 Audit Conduct

The site personnel will be given the opportunity to correct any deficiency that can be corrected during the audit period. Deficiencies and observations will be documented and included as part of the final audit report. Those ~~items-deficiencies~~ that have been resolved during the audit (isolated deficiencies that do not require a root cause determination or actions to preclude recurrence), will be verified prior to the end of the audit, and the resolution will be described in the audit report. Those ~~items-deficiencies~~ that affect the quality of the program, and/or the data generated by that program, which are required by the WAP will be documented ~~on a Corrective Action Report (CAR)~~ and included as a part of the final audit report. The ~~CAR-deficiency~~ will be entered into the DOE's ~~CAR-deficiency~~ tracking system and tracked until closure. Resource Conservation and Recovery Act related items will be uniquely identified within the ~~CAR-deficiency~~ tracking system so that they can be tracked separately. Resource Conservation and Recovery Act related ~~CARs-deficiencies~~ identified by the site during self-audits will be evaluated during the DOE's audit and surveillance program and tracked in the DOE's ~~CAR-deficiency~~ tracking system.

When a deficiency is identified by the audit team, the audit team member who identified the deficiency prepares the ~~CAR-report~~. The DOE reviews the ~~CAR-deficiency~~, determine validity (assures that a requirement has in fact been violated), classify the significance of the deficiency, assign a response due date, and issue the ~~CAR-deficiency~~ to the site. The site reviews the ~~CAR-deficiency~~, evaluates the extent and cause of the deficiency, and provides a response to the DOE indicating the remedial actions and actions taken to preclude recurrence. The DOE reviews the response from the site and, if acceptable, communicate the acceptance to the site. The site completes remedial actions and actions to preclude recurrence. After corrective actions have been completed, DOE may schedule and perform a verification visit to assure that corrective actions have been completed and are effective. NMED personnel may participate as observers in these verification visits. When actions have been completed and verified as being effective, the ~~CAR-deficiency~~ is closed by the DOE manager responsible for quality assurance. As part of the planning process for subsequent audits and surveillances, past deficiencies will be reviewed and the previous deficient activity or process is subject to reassessment.

The audit report will be prepared, approved, and issued to the site within 30 days of the completion of the audit by the DOE. The NMED shall receive a copy of the audit report upon issuance for information purposes. A formal final audit report will be provided to the NMED which will include WAP-related ~~CAR-deficiency~~ resolution results and audit results that will include, as a minimum, sections describing the scope, purpose, summary of deficiencies, and observations in narrative format, completed audit checklists, audited procedures, and other applicable documents which provide evidence of WAP implementation. The report will also include an identification of the organization

audited, the dates of the audit, and the requested response date. NMED will make the final audit report available for public review and comment. One copy of the formal final audit report shall be submitted to the NMED in hard copy, but any additional copies may be submitted in electronic format. The audited site will respond to any deficiencies and observations within (30 days after receipt of any ~~CARs~~ deficiencies and indicate the corrective action taken or to be taken. If the corrective action has not been completed, the response must indicate the expected date the action will be completed. The ~~CARs~~ deficiencies applicable to WAP requirements shall be resolved prior to waste shipment. Subsequent audits or specific verifications, announced or unannounced, will determine if the corrective action has been satisfactorily implemented. Deficiencies (including those items ~~corrected during the audit (CDAs) and CARs~~) and observations will be tracked to completion according to established procedure(s). In addition, deficiencies will be trended to determine if similar situations exist system wide. Trend reports will be issued as necessary to provide a "lessons learned" announcement to other sites who might benefit from program improvements implemented as a result of resolutions to the specific situations discovered at the performance of these audits.

ATTACHMENT C7

TRU WASTE CONFIRMATION

C7-2 Noncompliant Waste Identified During Waste Confirmation

If the Permittees identify noncompliant waste during waste confirmation at a generator/storage site (i.e., the waste does not match the waste stream description documented in the WSPF or there is liquid in excess of TSDF-WAC limits or compressed gases) the waste will not be shipped, and the Management and Operating Contractor and the DOE Carlsbad Field Office will be notified. The DOE will suspend further shipments of the affected waste stream and issue a ~~Corrective Action Report (CAR)~~ deficiency to the generator/storage site. Shipments of affected waste streams shall not resume until the CARdeficiency has been closed. The New Mexico Environment Department (**NMED**) will be notified within 24 hours of any suspension of waste stream shipments due to the identification of noncompliant waste during waste confirmation.

As part of the corrective action plan in response to the CARdeficiency, the generator/storage site will evaluate whether the waste characterization information documented in the Characterization Information Summary (**CIS**) and/or WSPF for the waste stream must be updated because the results of waste confirmation for the waste stream indicated that the TRU mixed waste being examined did not match the waste stream description. The generator/storage site will thoroughly evaluate the potential impacts on waste that has been shipped to the WIPP facility. The DOE will evaluate the potential that prohibited items were shipped to the WIPP facility and what remedial actions should occur, if any. The results of these evaluations will be provided to the NMED before shipments of affected waste streams resume. If the CIS or WSPF requires revision, shipments of the affected waste stream shall not resume until the revised waste stream waste characterization information has been reviewed and approved by the DOE.

ATTACHMENT L

WIPP GROUNDWATER DETECTION MONITORING PROGRAM PLAN

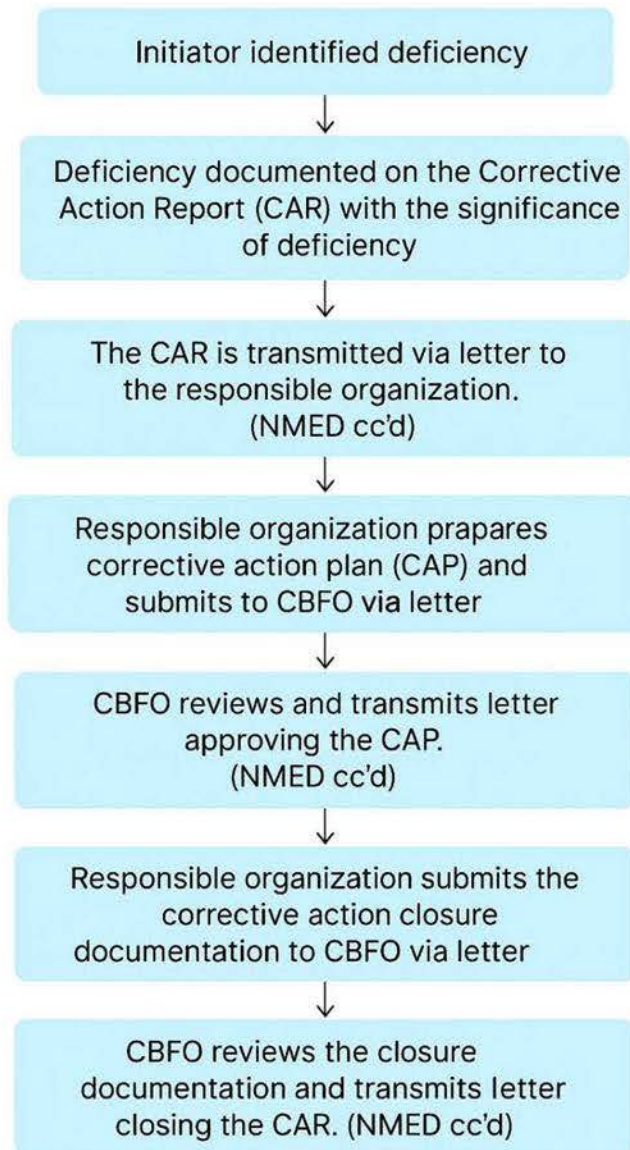
L-6 Records Management

Records generated during groundwater sampling and water level monitoring will be maintained in either project files at the Permittees facility or the Operating Record. Project files will include, but are not limited to:

- Sampling and Analysis Plans (SAPs)
- SOPs
- Field Data Entry Sheets
- CofC/RFA forms
- Analytical Laboratory Data Reports
- Variance Logs and Nonconformance Reports
- ~~Corrective Action Reports~~ Deficiencies.

**Appendix to Item 3
Flow Chart**

Current Process



New Process

(system transmittal is not applicable to AMWTP deficiencies, they will be downloaded and sent)

