

ATTACHMENT B
HAZARDOUS WASTE PERMIT APPLICATION PART A

Waste Isolation Pilot Plant
Hazardous Waste Permit
May 8, 2012

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ATTACHMENT B

HAZARDOUS WASTE PERMIT APPLICATION PART A

TABLE OF CONTENTS

PART A - HAZARDOUS WASTE PERMIT APPLICATION	1
RCRA PART A APPLICATION CERTIFICATION	14
APPENDIX B1 OTHER ENVIRONMENTAL PERMITS	15
APPENDIX B2 MAPS	27
Figure B2-1 General Location of the WIPP Facility	29
Figure B2-2 Planimetric Map-WIPP Facility Boundaries	30
Figure B2-2a Legend to Figure B2-2	31
Figure B2-3 Topographic Map	32
APPENDIX B3 FACILITIES.....	33
Figure B3-1 Spatial View of the WIPP Facility	35
Figure B3-2 Repository Horizon.....	36
Figure B3-3 Waste Handling Building - CH TRU Mixed Waste Container Storage and Surge Areas	37
Figure B3-4 Parking Area-Container Storage and Surge Areas	38
APPENDIX B4 PHOTOGRAPHS	39
Figure B4-1 Aerial Photograph of the Waste Isolation Pilot Plant.....	41
Figure B4-2 Underground - Panel One - Waste Disposal Room	42
Figure B4-3 Aerial Photograph of the Waste Handling Building	43
Figure B4-4 TRUDOCKs in CH Bay of the Waste Handling Building	44
Figure B4-5 NE Corner of CH Bay of the Waste Handling Building.....	45
Figure B4-6 Westward View of CH Bay of the Waste Handling Building	46
Figure B4-7 Waste Shaft Conveyance - Loading Facility Pallet with CH Waste, Waste Handling Building.....	47
Figure B4-8 RH Bay (Photo Taken July 2000)	48
Figure B4-9 Cask Unloading Room and Bridge Crane.....	49
Figure B4-10 Hot Cell	50
Figure B4-11 Transfer Cell	51
Figure B4-12 Facility Cask Loading Room and Facility Cask Rotating Device	52

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2 8. PROCESS—CODES AND DESIGN CAPACITIES (continued)

3 The Waste Isolation Pilot Plant (WIPP) geologic repository is defined as a “miscellaneous unit”
4 under 40 CFR §260.10. “Miscellaneous unit” means a hazardous waste management unit
5 where hazardous waste is treated, stored, or disposed of and that is not a container, tank,
6 surface impoundment, waste pile, land treatment unit, landfill, incinerator, containment building,
7 boiler, industrial furnace, or underground injection well with appropriate technical standards
8 under 40 CFR Part 146, corrective action management unit, or unit eligible for research,
9 development, and demonstration permit under 40 CFR §270.65. The WIPP is a geologic
10 repository designed for the disposal of defense-generated transuranic (TRU) waste. Some of
11 the TRU wastes disposed of at the WIPP contain hazardous wastes as co-contaminants. More
12 than half the waste to be disposed of at the WIPP also meets the definition of debris waste. The
13 debris categories include manufactured goods, biological materials, and naturally occurring
14 geological materials. Approximately 120,000 cubic meters (m³) of the 175,600 m³ of WIPP
15 wastes is categorized as debris waste. The geologic repository has been divided into ten
16 discrete hazardous waste management units (HWMU) which are being permitted under 40 CFR
17 Part 264, Subpart X.

18 During the Disposal Phase of the facility, which is expected to last 25 years, the total amount of
19 waste received from off-site generators and any derived waste will be limited to 175,600 m³ of
20 TRU waste of which up to 7,080 m³ may be remote-handled (RH) TRU mixed waste. For
21 purposes of this application, all TRU waste is managed as though it were mixed.

22 The process design capacity for the miscellaneous unit (composed of ten underground HWMUs
23 in the geologic repository) shown in Section 8 B, is for the maximum amount of waste that may
24 be received from off-site generators plus the maximum expected amount of derived wastes that
25 may be generated at the WIPP facility. In addition, two HWMUs have been designated as
26 container storage units (S01) in Section 8 B. One is inside the Waste Handling Building (WHB)
27 and consists of the contact-handled (CH) bay, waste shaft conveyance loading room, waste
28 shaft conveyance entry room, RH bay, cask unloading room, hot cell, transfer cell, and facility
29 cask loading room. This HWMU will be used for waste receipt, handling, and storage (including
30 storage of derived waste) prior to emplacement in the underground geologic repository. No
31 treatment or disposal will occur in this S01 HWMU. The capacity of this S01 unit for storage is
32 194.1 m³, based on 36 ten-drum overpacks on 18 facility pallets, four CH Packages at the
33 TRUDOCKs, one standard waste box of derived waste, two loaded casks and one 55-gallon
34 drum of derived waste in the RH Bay, one loaded cask in the Cask Unloading Room, 13 55-
35 gallon drums in the Hot Cell, one canister in the Transfer Cell and one canister in the Facility
36 Cask Unloading Room. The second S01 HWMU is the parking area outside the WHB where the
37 Contact- and Remote-Handled Package trailers and the road cask trailers will be parked
38 awaiting waste handling operations. The capacity of this unit is 50 Contact-Handled Packages
39 and twelve Remote-Handled Packages with a combined volume of 242 m³. The HWMUs are
40 shown in Figures B3-2, B3-3, and B3-4.

41 During the ten year period of the permit, up to 148,500 m³ of CH TRU mixed waste could be
42 emplaced in Panels 1 to 8 and up to 2,635 m³ of RH TRU mixed waste could be emplaced in
43 Panels 4 to 8. Panels 9 and 10 will be constructed under the initial term of this permit. These
44 latter areas will not receive waste for disposal under this permit.

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2 **RCRA PART A APPLICATION CERTIFICATION**

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

6 The DOE has determined that dual signatures best reflect the actual apportionment of Resource
7 Conservation and Recovery Act (RCRA) responsibilities as follows:

8 The DOE’s RCRA responsibilities are for policy, programmatic directives, funding and
9 scheduling decisions, Waste Isolation Pilot Plant (WIPP) requirements of DOE generator
10 sites, auditing, and oversight of all other parties engaged in work at the WIPP, as well as
11 general oversight.

12 The MOC’s RCRA responsibilities are for certain day-to-day operations (in accordance
13 with general directions given by the DOE and in the Management and Operating Contract
14 as part of its general oversight responsibility), including, but not limited to, the following:
15 certain waste handling, monitoring, record keeping, certain data collection, reporting,
16 technical advice, and contingency planning.

17 For purposes of the certification required by Title 20 of the New Mexico Administrative
18 Code, Chapter 4, Part 1 (20.4.1 NMAC), Subpart IX, §270.11(d), the DOE’s and the
19 MOC’s representatives certify, under penalty of law that this document and all attachments
20 were prepared under their direction or supervision in accordance with a system designed
21 to assure that qualified personnel properly gather and evaluate the information submitted.
22 Based on their inquiry of the person or persons who manage the system, or those persons
23 directly responsible for gathering the information, the information submitted is, to the best
24 of their knowledge and belief, true, accurate, and complete for their respective areas of
25 responsibility. We are aware that there are significant penalties for submitting false
26 information, including the possibility of fine and imprisonment for knowing violations.

27 Owner and Operator Signature: Original signed by Jose R. Franco
28 Title: Acting Manager, Carlsbad Field Office
29 for: U.S. Department of Energy
30 Date: 2-13-12

31 Co-Operator Signature: Original signed by Farok Sharif
32 Title: General Manager
33 for: Washington TRU Solutions LLC
34 Date: 2-13-12
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**APPENDIX B1
OTHER ENVIRONMENTAL PERMITS**

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Active Environmental Permits and Approvals for the Waste Isolation Pilot Plant as of March 1, 2010

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
1.	Department of the Interior, Bureau of Land Management	Right-of-Way for Water Pipeline	NM53809	08/17/83	In Perpetuity	Inactive (city of Carlsbad Double Eagle is the owner of the pipeline)
2.	Department of the Interior, Bureau of Land Management	Right-of-Way for the North Access Road	NM55676	08/24/83	None	Active
3.	Department of the Interior, Bureau of Land Management	Right-of-Way for Railroad	NM55699	09/27/83	None	Active
4.	Department of the Interior, Bureau of Land Management	Right-of-Way for Dosimetry and Aerosol Sampling Sites	NM63136	07/31/86	07/31/11	Active
5.	Department of the Interior, Bureau of Land Management	Right-of-Way for Seven Subsidence Monuments	NM65801	11/07/86	None	Active
6.	Department of the Interior, Bureau of Land Management	Right-of-Way for Aerosol Sampling Site	NM77921	08/18/89	08/18/19	Active
7.	Department of the Interior, Bureau of Land Management	Right-of-Way for 2 Survey Monuments	NM82245	12/13/89	12/13/19	Active
8.	Department of the Interior, Bureau of Land Management	Right-of-Way for telephone cable	NM46092	07/03/90	09/04/11	Active
9.	Department of the Interior, Bureau of Land Management	Right-of-Way for SPS Powerline	NM43203	02/20/96	10/19/11	Active
10.	Department of the Interior, Bureau of Land Management	Right-of-Way for South Access Road	NM123703	1/27/10	12/31/39	Active
11.	Department of the Interior, Bureau of Land Management	Right-of-Way for Duval telephone line	NM60174	11/06/96	03/08/15	Active
12.	Department of the Interior, Bureau of Land Management	Right-of-Way for Wells AEC-7 & AEC-8	NM108365	8/30/02	08/30/32	Active
13.	Department of the Interior, Bureau of Land Management	Right-of-Way for ERDA-6	NM108365	8/30/02	08/30/32	Active

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
14.	Department of the Interior, Bureau of Land Management	Right-of-Way for Well C-2756 (P-18)	NM108365	8/30/02	08/30/32	Active
15.	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
16.	Department of the Interior, Bureau of Land Management	Right-of-Way for Seismic Monitoring Station	NM85426	09/23/91	None	Active
17.	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
18.	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	06/14/78	None	Active
19.	Department of the Interior, Bureau of Land Management	Right-of-Way for Aerosol Sampling Sites	NM77921	10/03/89	08/18/19	Active
20.	New Mexico State Land Office	Right-of-Way easement for accessing state trust lands in Eddy & Lea Counties	R25430	9/28/04	9/28/14	Active
21.	Department of Interior, Bureau of Land Management	Right of Way for Valor Telecom	NM113339	8/9/05	12/31/34	Active
22.	Department of Interior, Bureau of Land Management	Right of Way for South Access Road Fence	NM094304	3/15/95	In Perpetuity	Active
23.	New Mexico Commissioner of Public Lands	Right-of-Way for High Volume Air Sampler	RW-22789	10/03/85	10/03/20	Active
24.	New Mexico Environment Department Groundwater Bureau	Discharge Permit	DP-831	9/9/08	9/9/13	Active
25.	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 Number	Granted/ Submitted	Expiration	Current Permit Status
26.	New Mexico Environment Department-UST Bureau	Underground Storage Tanks	NMED11811 (Number changes annually)	07/01/02	06/30/03 (2003 registration submitted 6/18/02)	Active
27.	New Mexico State Engineer Office	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2801	02/23/01	None	Active
28.	New Mexico State Engineer Office	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2802	02/23/01	None	Active
29.	New Mexico State Engineer Office	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2803	02/23/01	None	Active
30.	New Mexico State Engineer Office	Monitoring Well	C-2811	03/02/02	None	Active
31.	New Mexico State Engineer Office	Appropriation: WQSP-1 Well	C-2413	10/21/96	None	Active
32.	New Mexico State Engineer Office	Appropriation: WQSP-2 Well	C-2414	10/21/96	None	Active
33.	New Mexico State Engineer Office	Appropriation: WQSP-3 Well	C-2415	10/21/96	None	Active
34.	New Mexico State Engineer Office	Appropriation: WQSP-4 Well	C-2416	10/21/96	None	Active
35.	New Mexico State Engineer Office	Appropriation: WQSP-5 Well	C-2417	10/21/96	None	Active
36.	New Mexico State Engineer Office	Appropriation: WQSP-6 Well	C-2418	10/21/96	None	Active
37.	New Mexico State Engineer Office	Appropriation: WQSP-6a Well	C-2419	10/21/96	None	Active
38.	New Mexico State Engineer Office	Monitoring Well AEC-7	C-2742	11/06/00	None	Active
39.	New Mexico State Engineer Office	Monitoring Well AEC-8	C-2744	11/06/00	None	P&A

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
40.	New Mexico State Engineer Office	Monitoring Well Cabin Baby	C-2664	07/30/99	None	Active
42.	New Mexico State Engineer Office	Monitoring Well DOE-1	C-2757	11/06/00	None	P&A
43.	New Mexico State Engineer Office	Monitoring Well DOE-2	C-2682	04/17/00	None	Active
44.	New Mexico State Engineer Office	Monitoring Well ERDA-9	C-2752	11/06/00	None	Active
45.	New Mexico State Engineer Office	Monitoring Well H-1	C-2765	11/06/00	None	P&A
46.	New Mexico State Engineer Office	Monitoring Well H-2A	C-2762	11/06/00	None	P&A
47.	New Mexico State Engineer Office	Monitoring Well H-2B1	C-2758	11/06/00	None	Active
48.	New Mexico State Engineer Office	Monitoring Well H-2B2	C-2763	11/06/00	None	Active
49.	New Mexico State Engineer Office	Monitoring Well H-2C	C-2759	11/06/00	None	P&A
50.	New Mexico State Engineer Office	Monitoring Well H-3B1	C-2764	11/06/00	None	Active
51.	New Mexico State Engineer Office	Monitoring Well H-3B2	C-2760	11/06/00	None	Active
52.	New Mexico State Engineer Office	Monitoring Well H-3B3	C-2761	11/06/00	None	P&A
53.	New Mexico State Engineer Office	Monitoring Well H-3D	C-3207	11/06/00	None	Active
54.	New Mexico State Engineer Office	Monitoring Well H-4A	C-2725	11/06/00	None	P&A
55.	New Mexico State Engineer Office	Monitoring Well H-4B	C-2775	11/06/00	None	P&A

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
56.	New Mexico State Engineer Office	Monitoring Well H-4C	C-2776	11/06/00	None	Active
57.	New Mexico State Engineer Office	Monitoring Well H-5A	C-2746	11/06/00	None	P&A
58.	New Mexico State Engineer Office	Monitoring Well H-5B	C-2745	11/06/00	None	Active
59.	New Mexico State Engineer Office	Monitoring Well H-5C	C-2747	11/06/00	None	Active
60.	New Mexico State Engineer Office	Monitoring Well H-6A	C-2751	11/06/00	None	P&A
61.	New Mexico State Engineer Office	Monitoring Well H-6B	C-2749	11/06/00	None	P&A
62.	New Mexico State Engineer Office	Monitoring Well H-6C	C-2750	11/06/00	None	Active
63.	New Mexico State Engineer Office	Monitoring Well H-7A	C-2694	04/17/00	None	P&A
64.	New Mexico State Engineer Office	Monitoring Well H-7B1	C-2770	11/06/00	None	Active
65.	New Mexico State Engineer Office	Monitoring Well H-7B2	C-2771	11/06/00	None	P&A
67.	New Mexico State Engineer Office	Monitoring Well H-8A	C-2780	11/06/00	None	Active
70.	New Mexico State Engineer Office	Monitoring Well H-9A	C-2785	11/06/00	None	P&A
71.	New Mexico State Engineer Office	Monitoring Well H-9B	C-2783	11/06/00	None	P&A
72.	New Mexico State Engineer Office	Monitoring Well H-9C	C-2784	11/06/00	None	Active
73.	New Mexico State Engineer Office	Monitoring Well H-10A	C-2779	11/06/00	None	Active

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
74.	New Mexico State Engineer Office	Monitoring Well H-10B	C-2778	11/06/00	None	P&A
75.	New Mexico State Engineer Office	Monitoring Well H-10C	C-2695	04/17/00	None	Active
76.	New Mexico State Engineer Office	Monitoring Well H-11B1	C-2767	11/06/00	None	Active
77.	New Mexico State Engineer Office	Monitoring Well H-11B2	C-2687	04/17/00	None	Active
78.	New Mexico State Engineer Office	Monitoring Well H-11B3	C-2768	11/06/00	None	P&A
79.	New Mexico State Engineer Office	Monitoring Well H-11B4	C-2769	11/06/00	None	Active
80.	New Mexico State Engineer Office	Monitoring Well H-12	C-2777	11/06/00	None	Active
81.	New Mexico State Engineer Office	Monitoring Well H-14	C-2766	11/06/00	None	Active
82.	New Mexico State Engineer Office	Monitoring Well H-15	C-2685	04/17/00	None	Active
83.	New Mexico State Engineer Office	Monitoring Well H-16	C-2753	11/06/00	None	Active
84.	New Mexico State Engineer Office	Monitoring Well H-17	C-2773	11/06/00	None	Active
85.	New Mexico State Engineer Office	Monitoring Well H-18	C-2683	04/17/00	None	Active
86.	New Mexico State Engineer Office	Monitoring Well H-19B0	C-2420	01/25/95	None	Active
87.	New Mexico State Engineer Office	Monitoring Well H-19B1	C-2420	01/25/95	None	Active
88.	New Mexico State Engineer Office	Monitoring Well H-19B2	C-2421	01/25/95	None	Active

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
89.	New Mexico State Engineer Office	Monitoring Well H-19B3	C-2422	01/25/95	None	Active
90.	New Mexico State Engineer Office	Monitoring Well H-19B4	C-2423	01/25/95	None	Active
91.	New Mexico State Engineer Office	Monitoring Well H-19B5	C-2424	01/25/95	None	Active
92.	New Mexico State Engineer Office	Monitoring Well H-19B6	C-2425	01/25/95	None	Active
93.	New Mexico State Engineer Office	Monitoring Well H-19B7	C-2426	01/25/95	None	Active
94.	New Mexico State Engineer Office	Monitoring Well P-14	C-2637	01/02/99	None	P&A
95.	New Mexico State Engineer Office	Monitoring Well P-15	C-2686	04/17/00	None	P&A
96.	New Mexico State Engineer Office	Monitoring Well P-17	C-2774	11/06/00	None	P&A
97.	New Mexico State Engineer Office	Monitoring Well P-18	C-2756	11/06/00	None	P&A
98.	New Mexico State Engineer Office	Monitoring Well WIPP-12	C-2639	01/12/99	None	P&A
99.	New Mexico State Engineer Office	Monitoring Well WIPP-13	C-2748	11/06/00	None	Active
100.	New Mexico State Engineer Office	Monitoring Well WIPP-18	C-2684	04/17/00	None	Active
101.	New Mexico State Engineer Office	Monitoring Well WIPP-19	C-2755	11/06/00	None	Active
102.	New Mexico State Engineer Office	Monitoring Well WIPP-21	C-2754	11/06/00	None	P&A
103.	New Mexico State Engineer Office	Monitoring Well WIPP-25	C-2723	07/26/00	None	P&A

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
104.	New Mexico State Engineer Office	Monitoring Well WIPP-26	C-2724	11/06/00	None	P&A
105.	New Mexico State Engineer Office	Monitoring Well WIPP-27	C-2722	11/06/00	None	P&A
167.	New Mexico State Engineer Office	Monitoring Well WIPP28	C-2636	01/12/99	None	P&A
107.	New Mexico State Engineer Office	Monitoring Well WIPP-29	C-2743	11/06/00	None	P&A
108.	New Mexico State Engineer Office	Monitoring Well WIPP-30	C-2727	08/04/00	None	P&A
109.	New Mexico State Engineer Office	Monitoring Well H-6BR	C-3362	12/27/07	None	Active
110.	New Mexico State Engineer Office	Monitoring Well H-15R	C-3361	12/27/07	None	Active
111.	New Mexico State Engineer Office	Monitoring Well SNL-2	C-2948	2/14/03	None	Active
112.	New Mexico State Engineer Office	Monitoring Well SNL-9	C-2950	2/14/03	None	Active
113.	New Mexico State Engineer Office	Monitoring Well SNL-12	C-2954	2/25/03	None	Active
114.	New Mexico State Engineer Office	Monitoring Well SNL-1	C-2953	2/25/03	None	Active
115.	New Mexico State Engineer Office	Monitoring Well SNL-3	C-2949	2/14/03	None	Active
116.	New Mexico State Engineer Office	Monitoring Well SNL-5	C-3002	10/1/03	None	Active
117.	New Mexico State Engineer Office	Monitoring Well IMC-461	C-3015	11/25/03	None	Active
118.	New Mexico State Engineer Office	Monitoring Well SNL-10	C-3221	7/26/05	None	Active

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
119.	New Mexico State Engineer Office	Monitoring Well SNL-16	C-3220	7/26/05	None	Active
120.	New Mexico State Engineer Office	Monitoring Well SNL-17	C-3222	7/26/05	None	Active
121.	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	4/30/08	4/30/13	Active
122.	US Fish and Wildlife Service	Migratory Bird Special Purpose – Relocate	NMED 31539	7/1/10	6/30/11	Active
123.	New Mexico State Engineer Office	Monitoring Well H-4bR	C-3404	1/13/09	None	Active
124.	New Mexico State Engineer Office	Monitoring Well H-9bR	C-2783-POD2	7/14/10	None	Active
125.	New Mexico State Engineer Office	Monitoring Well C-2737	C-2737	9/27/00	None	Active
126.	New Mexico State Engineer Office	Monitoring Well WIPP-11	C3112	12/27/07	None	Active
127.	New Mexico State Engineer Office	Monitoring Well SNL-6	C-3151	2/10/05	None	Active
128.	New Mexico State Engineer Office	Monitoring Well SNL-8	C-3150	2/10/05	None	Active
129.	New Mexico State Engineer Office	Monitoring Well SNL-13	C-3139	12/17/04	None	Active
130.	New Mexico State Engineer Office	Monitoring Well SNL-14	C-3140	12/17/04	None	Active
131.	New Mexico State Engineer Office	Monitoring Well SNL-15	C-3152	2/10/05	None	Active

	Granting Agency	Type of Permit	Permit Number	Granted/ Submitted	Expiration	Current Permit Status
132.	New Mexico State Engineer Office	Monitoring Well SNL-18	C-3233	10/6/05	None	Active
133.	New Mexico State Engineer Office	Monitoring Well SNL-19	C-3234	10/6/05	None	Active
134.	Department of the Interior, Bureau of Land Management	Right-of-Way reservation amendment for SNL-6, SNL-8, and SNL-15	NM108365	3/15/05	8/30/32	Active
135.	Department of the Interior, Bureau of Land Management	Right-of-Way reservation amendment for SNL-13 and SNL-14	NM108365	1/25/05	8/30/32	Active
136.	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-18 and SNL-19	NM115315	3/21/06	12/31/35	Active

1 P&A - Plugged and Abandoned

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**(APPENDIX B2
MAPS**

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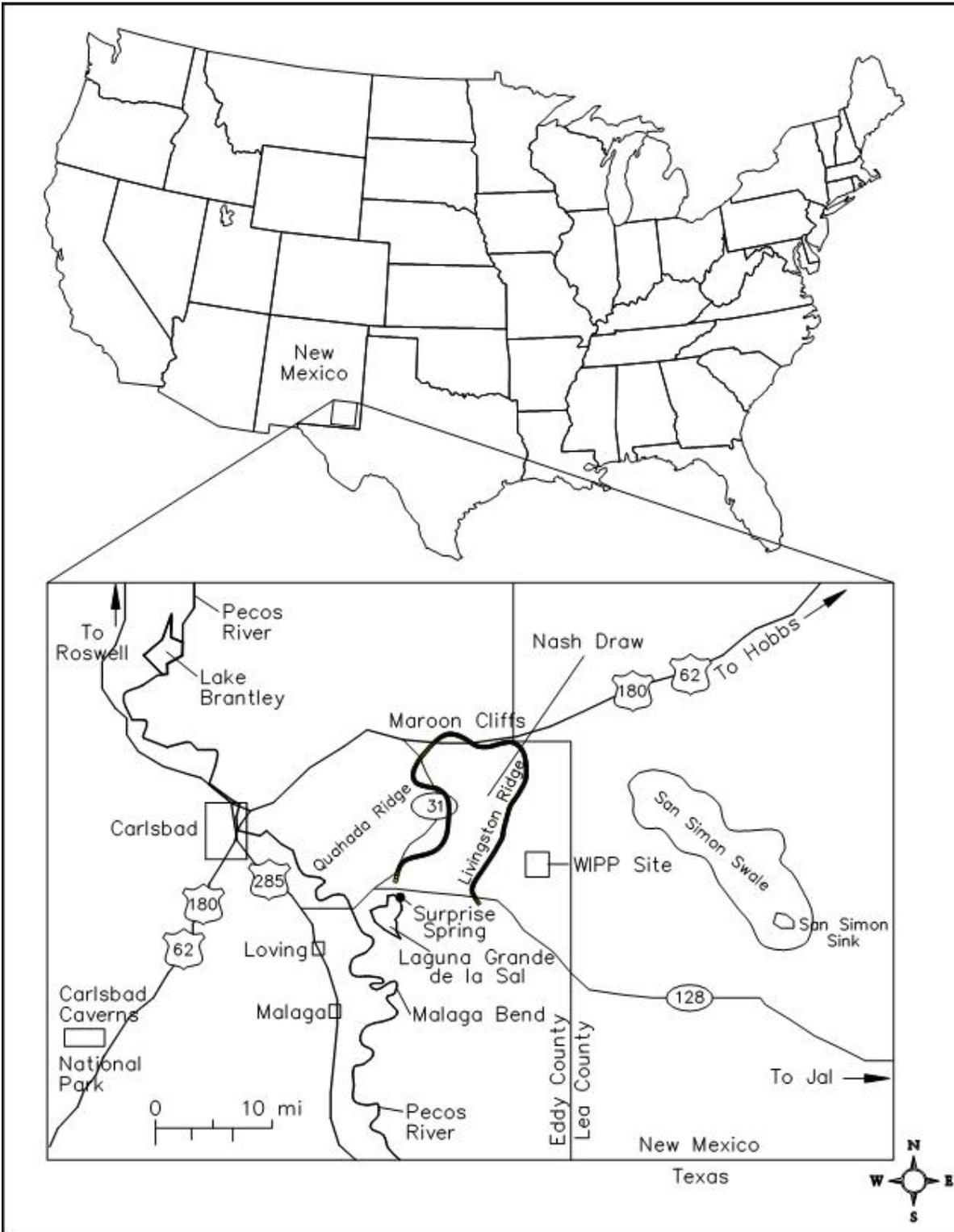
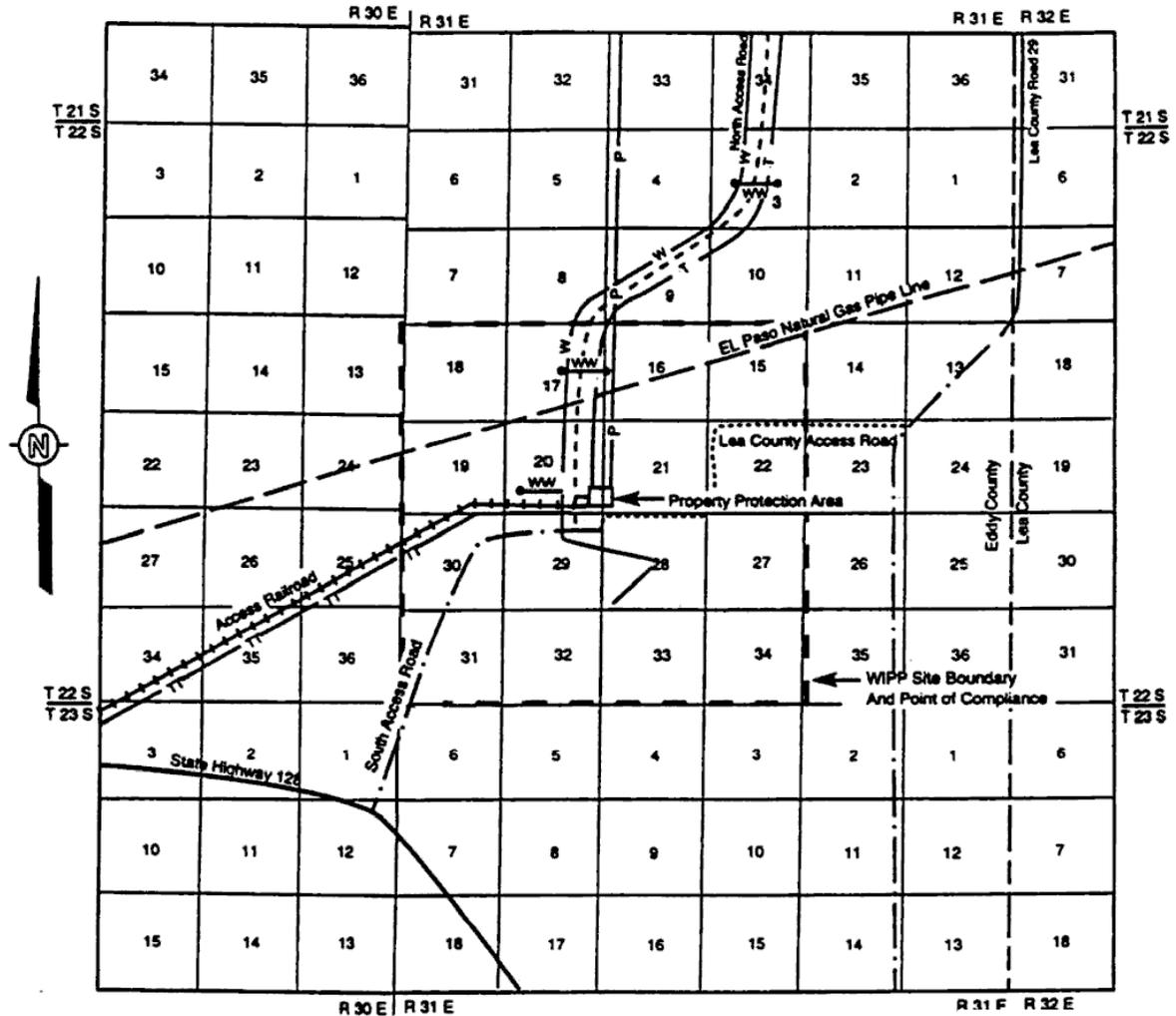


Figure B2-1
General Location of the WIPP Facility



This illustration for information purposes only.

Figure B2-2
 Planimetric Map-WIPP Facility Boundaries

LEGEND

- — • WIPP Site Boundary 10,240 Acres.
- W — U.S. DOE Right of Way Number NM-53809. For Waterline, 50 Feet Wide.
The DOE had Agreed with the City of Carlsbad to Allow the individuals to Tap this Line Located within the North Access Road Right of Way.
- WW — Stock Water Tanks and Tap Lines Connected to the Main WIPP Waterline.
- P — Southwestern Public Service Company Right of Way Number NM-43203 for Power. 60 Feet Wide.
- T — General Telephone of the Southwest Right of Way for Telephone Line, 30 Feet Wide, Located within the North access Road Right of Way.
- TT — General Telephone of the Southwest Right of Way Number NM-60174 for Telephone Line, 30 Feet Wide, Located within the Railroad Right of Way.
- U.S. DOE Right of Way Number NM-55675 for North Access Road, 170 Feet Wide.
- — El Paso Natural Gas company Right of Way for Gas Pipeline, 30 Feet Wide in Section 16, 50 Feet Wide Elsewhere.
- + + — U.S. DOE Right of Way Number NM-55689 for Access Railroad, 150 Feet Wide.
- . . — U.S. DOE Right of Way for Access Roads Includes Right of Way Number NM-123703 for the South Access Road which is 140 Feet Wide.

NOTES

1. The Property Protection Area is a fenced area of approximately 35 acres. It contains all surface facilities with the exception of salt storage piles, parking lot, landfill and waste water stabilization lagoons.
2. Zone II overlies the maximum extent of the Area available for underground development.
3. WIPP site boundary (WSB) provides a one mile buffer area around the area available for underground development.

Figure B2-2a
Legend to Figure B2-2

**Replace this page with the Topographic Map
from the earlier version of the draft Permit**

**Figure B2-3
Topographic Map**

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3

**APPENDIX B3
FACILITIES**

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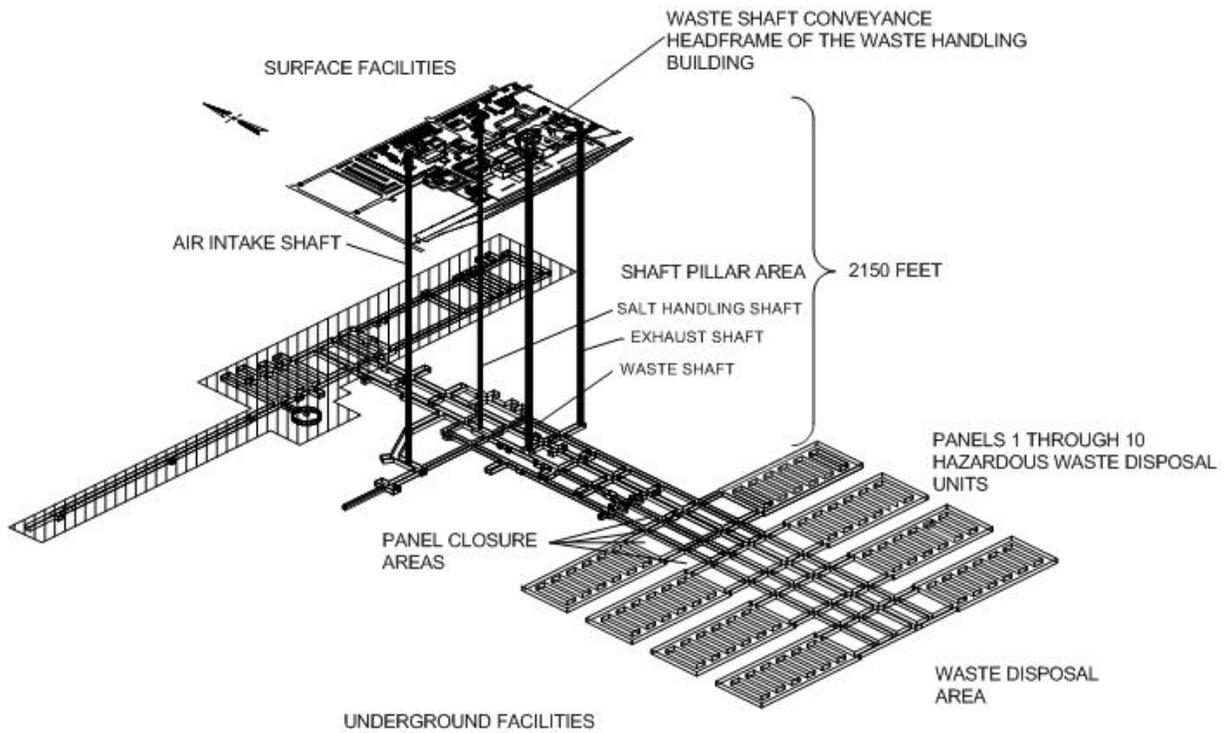
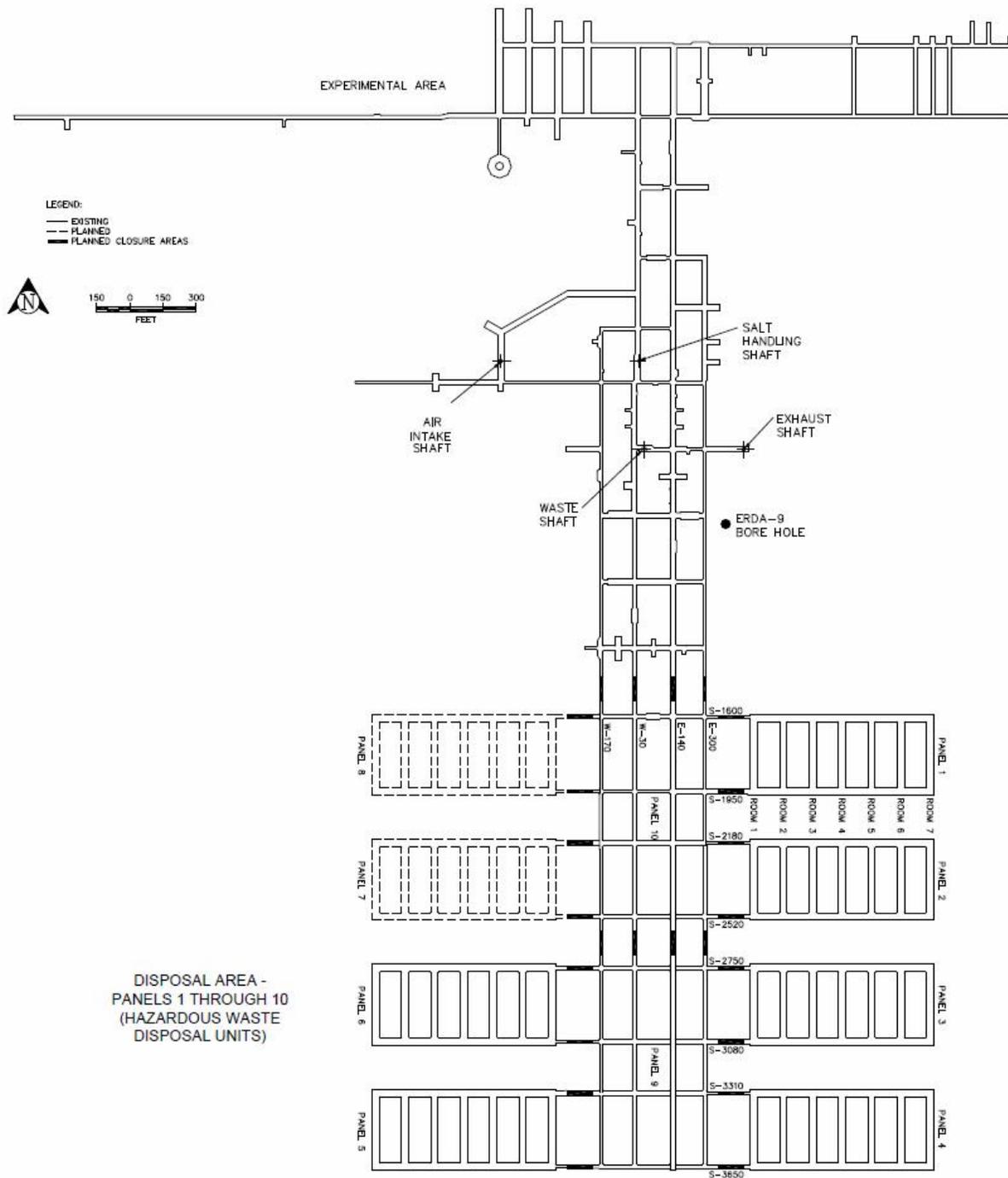


Figure B3-1
Spatial View of the WIPP Facility



DISPOSAL AREA -
PANELS 1 THROUGH 10
(HAZARDOUS WASTE
DISPOSAL UNITS)

Figure B3-2
Repository Horizon

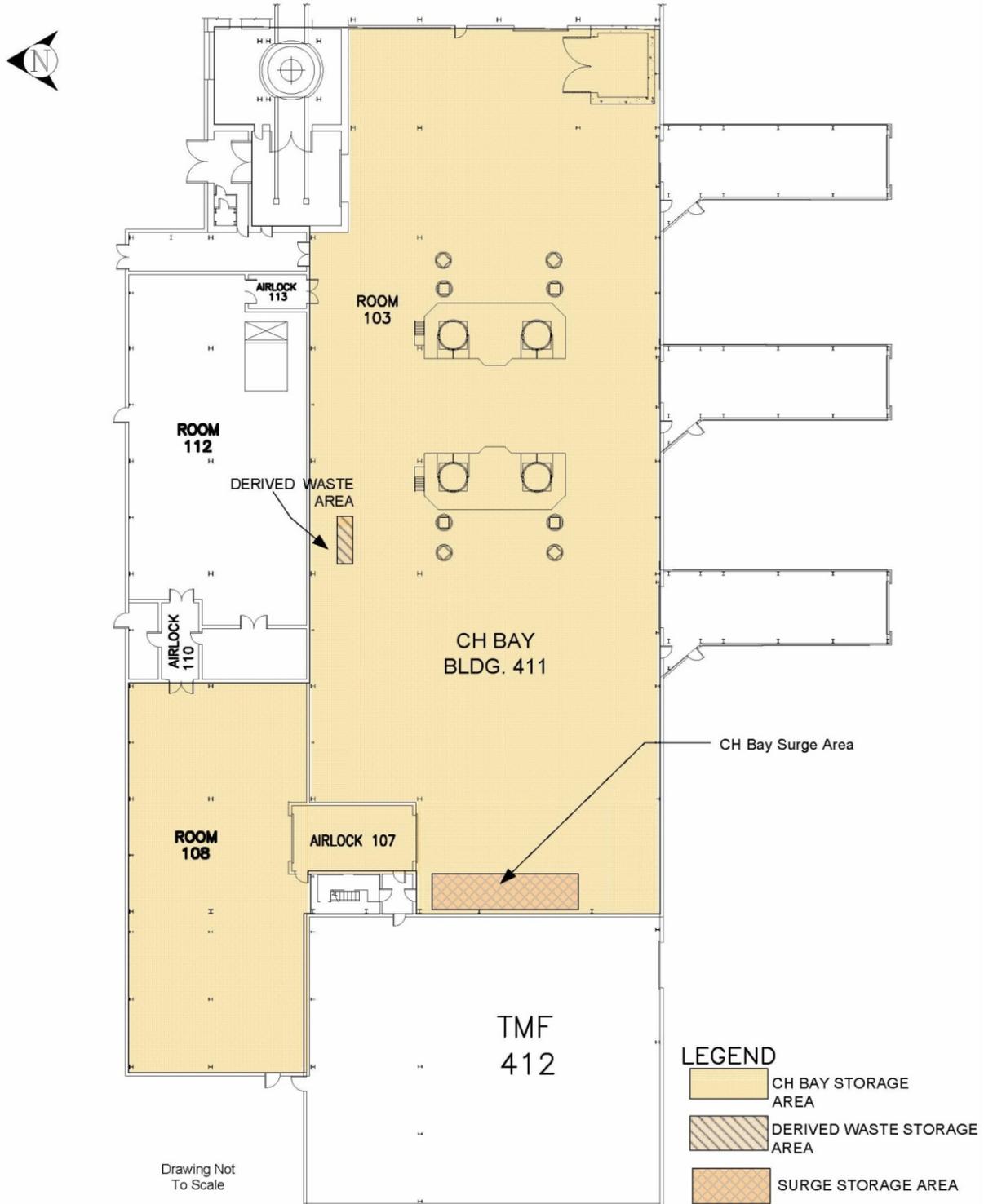


Figure B3-3
Waste Handling Building - CH TRU Mixed Waste Container Storage and Surge Areas

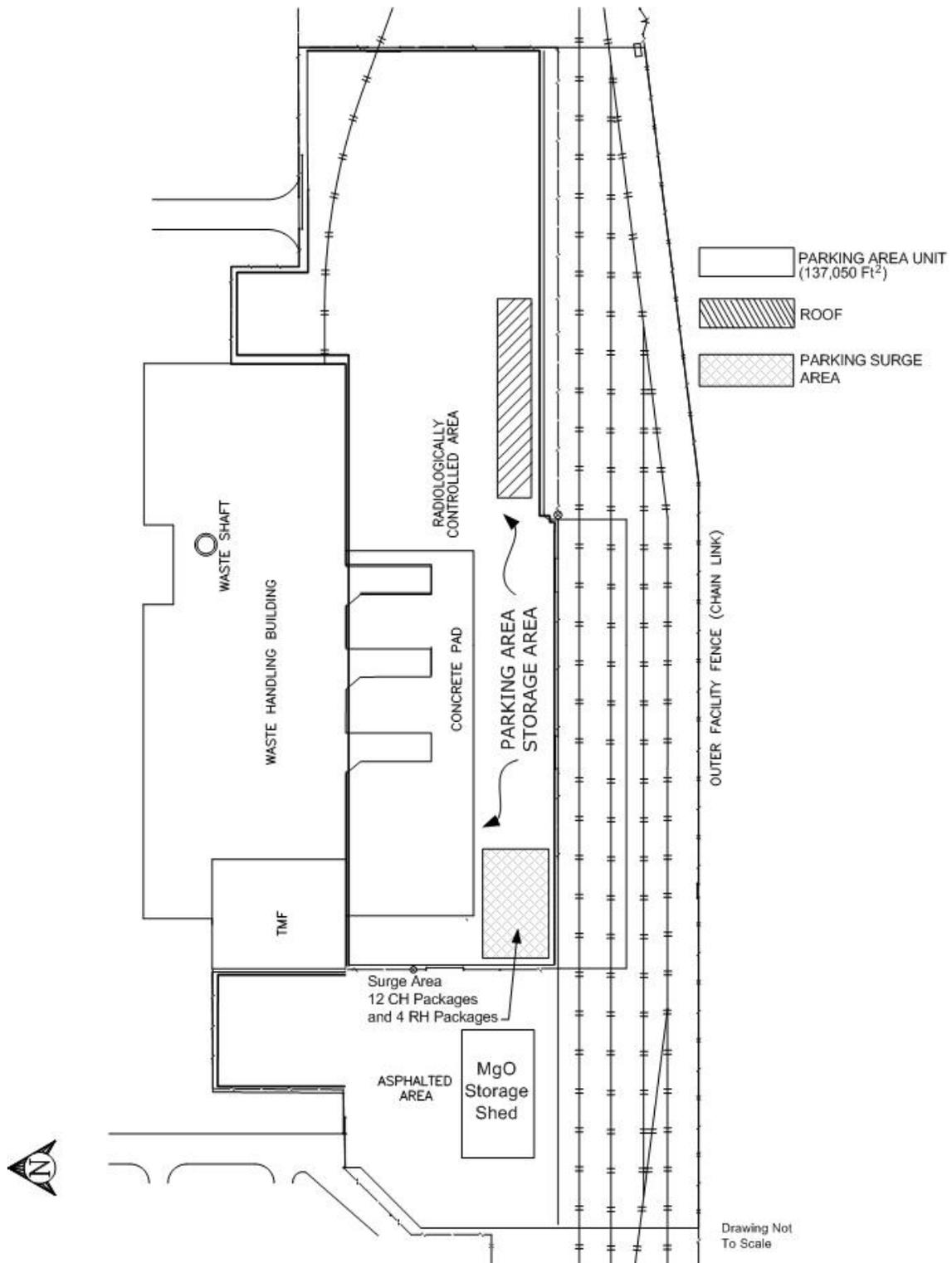


Figure B3-4
Parking Area-Container Storage and Surge Areas

1
2
3

**APPENDIX B4
PHOTOGRAPHS**

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Figure B4-1
Aerial Photograph of the Waste Isolation Pilot Plant



Figure B4-2
Underground - Panel One - Waste Disposal Room

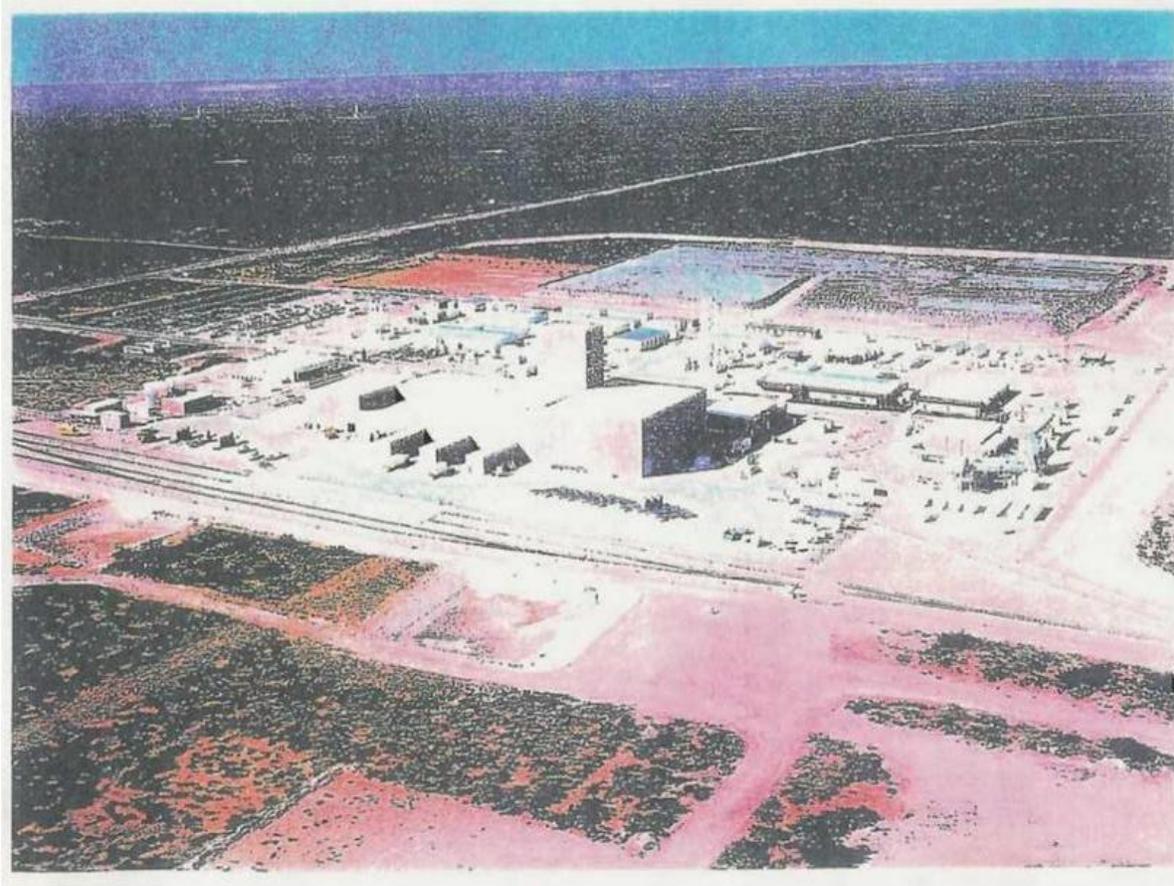


Figure B4-3
Aerial Photograph of the Waste Handling Building



Figure B4-4
TRUDOCKs in CH Bay of the Waste Handling Building



Figure B4-5
NE Corner of CH Bay of the Waste Handling Building

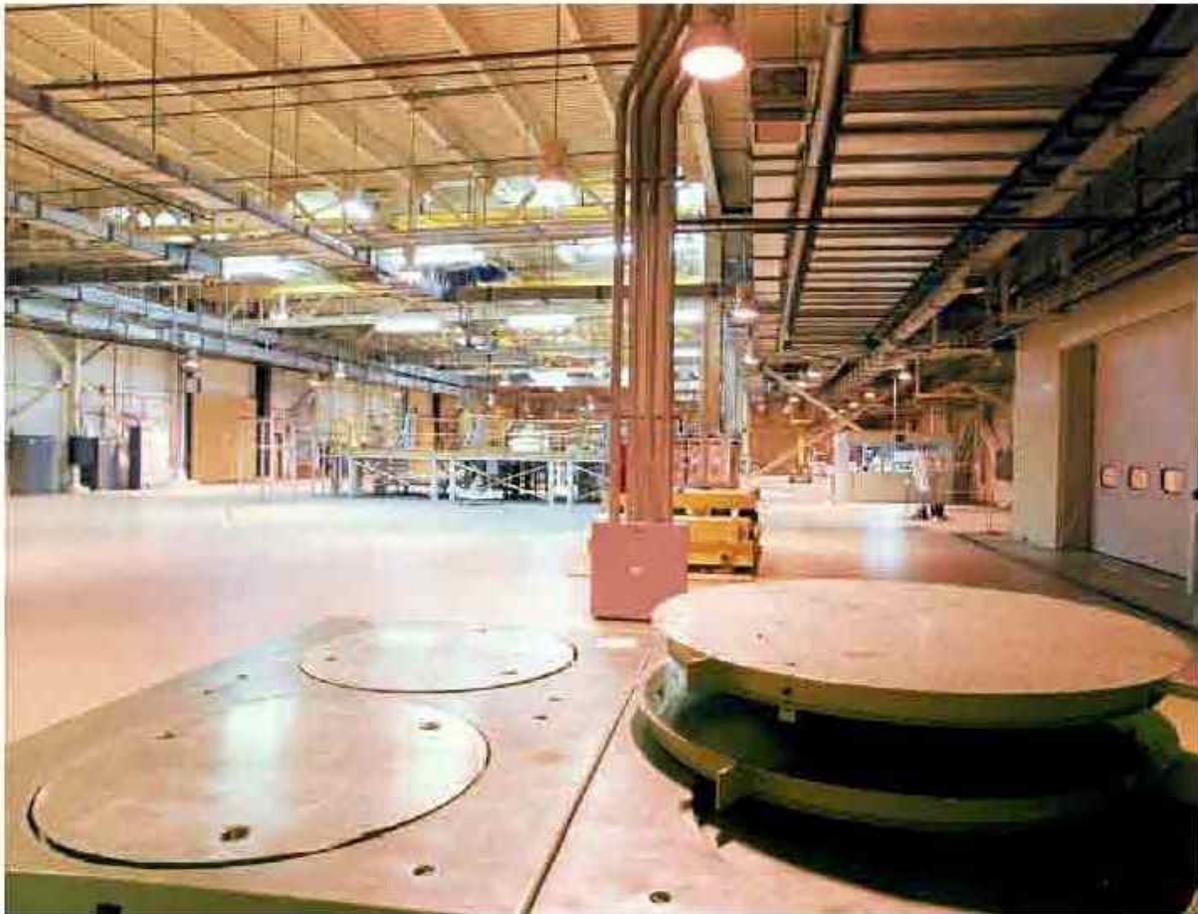


Figure B4-6
Westward View of CH Bay of the Waste Handling Building



Figure B4-7
Waste Shaft Conveyance - Loading Facility Pallet with CH Waste, Waste Handling Building

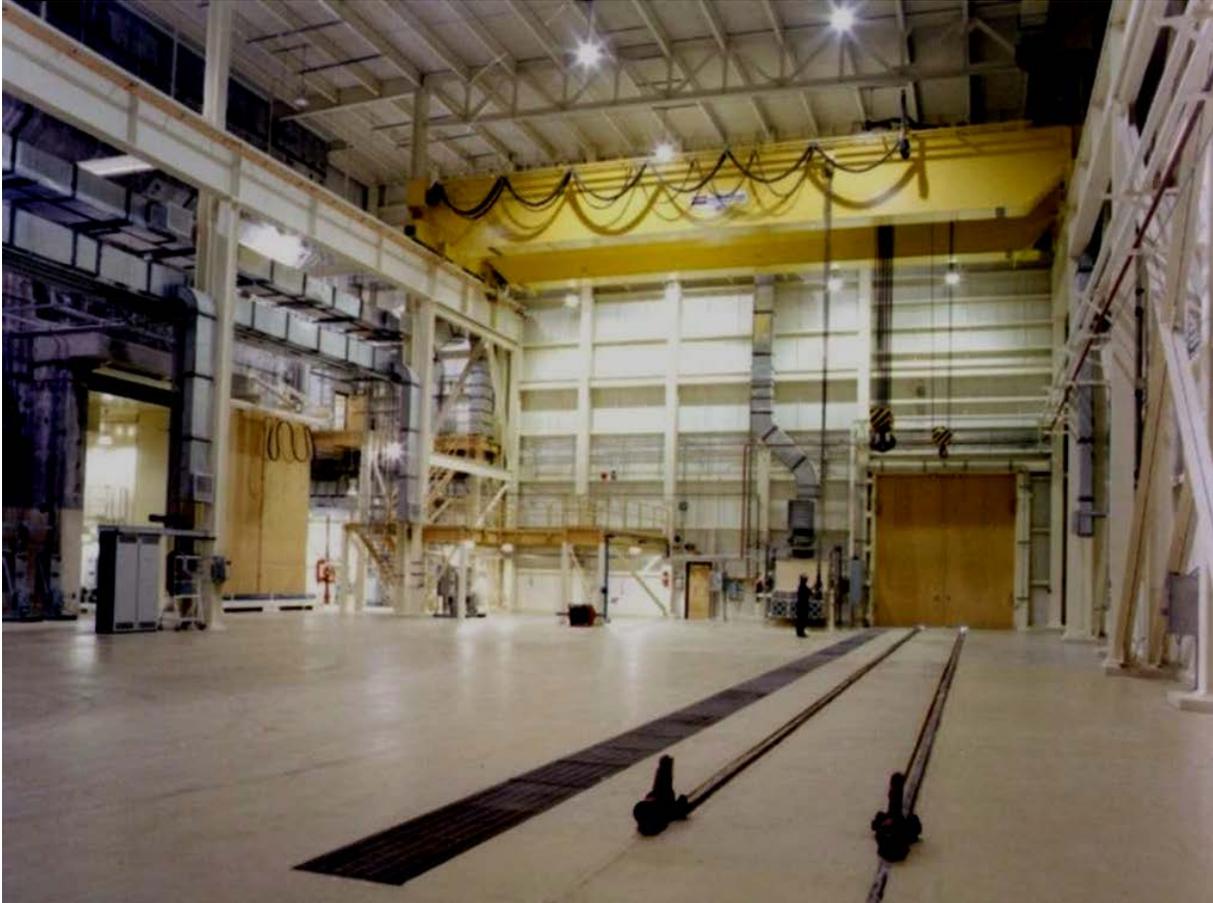


Figure B4-8
RH Bay (Photo Taken July 2000)



Figure B4-9
Cask Unloading Room and Bridge Crane



Figure B4-10
Hot Cell



Figure B4-11
Transfer Cell



Figure B4-12
Facility Cask Loading Room and Facility Cask Rotating Device