

SITE INFORMATION

*Fort Wingate Depot Activity
New, Mexico*

30 August 05

Prepared for:

BRACD-AFO

Prepared by:

Terranear**PMC**

Whiteland Business Park
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Fort Wingate Depot Activity
Atlanta Field Office Site Visit
August 31, 2005

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Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Access	Notes
1	FORT WINGATE BRAC PROGRAM	2568 days	Tue 7/5/05	Sun 7/15/12		
2						
3	Pre-permit activities	77 days	Fri 8/12/05	Thu 10/27/05		
4	✓ Revised Permit & Fact sheet by NMED	0 days	Fri 8/12/05	Fri 8/12/05		
5	✓ Comments on revised permit and fact sheet due	0 days	Fri 8/19/05	Fri 6/19/05		
6	Public Notice of revised permit and fact sheet	0 days	Mon 8/29/05	Mon 8/29/05		Draft permit issued Sept 2004 withdrawn, begin 60 day comment period
7	End of 60 day comment period	60 days	Mon 8/29/05	Thu 10/27/05	6	
8	Public meeting in Gallup, site tour	0 days	Thu 9/15/05	Thu 9/15/05		
9						
10	EFFECTIVE DATE OF RCRA PERMIT	0 days	Sun 1/1/06	Sun 1/1/06		
11						
12	Installation CSAP, SSHP, AND IDW mgmt plans	1 day	Sun 1/1/06	Sun 1/1/06		Revise/update old versions
13						
14	COMMUNITY RELATIONS PLAN I.L (Green - 2005 award)	360 days	Tue 7/5/05	Thu 6/29/06		due 180 days after effective date of permit.
15	✓ Scope and award contract	29 days	Tue 7/5/05	Tue 8/2/05		
16	Public Safety Program	20 days	Wed 8/3/05	Mon 8/22/05	15	
17	Internal Draft CRP	60 days	Tue 8/23/05	Fri 10/21/05	16	
18	Army review	10 days	Sat 10/22/05	Mon 10/31/05	17	
19	Prepare Draft Final CRP	15 days	Tue 11/1/05	Tue 11/15/05	18	
20	BCT review	1 day	Wed 11/16/05	Wed 11/16/05	19	
21	Submit to NMED	180 days	Sun 1/1/06	Thu 6/29/06	10	
22						
23	HISTORICAL DOCUMENTS VIII.A.1	267 days	Fri 7/8/05	Fri 3/31/06		due 90 days after effective date of permit
24	✓ Scope and award contract	32 days	Fri 7/8/05	Mon 8/8/05		
25	Submit 2 copies to NMED	90 days	Sun 1/1/06	Fri 3/31/06	10	
26						
27	INTERVIEWS VIII.A.1	512 days	Tue 8/2/05	Tue 12/26/06		due 180 days after CR plan.
28	✓ Scope and award contract	1 day	Tue 8/2/05	Tue 8/2/05		
29	Consult with Navajo and Zuni	60 days	Wed 8/3/05	Sat 10/1/05	28	
30	Conduct interviews	60 days	Sun 10/2/05	Wed 11/30/05	29	
31	Submit copies to NMED	180 days	Fri 8/30/06	Tue 12/26/06	21	
32						
33	HISTORIC AERIAL PHOTO INTERPRETATION VIII.A.1.a	90 days	Sun 1/1/06	Fri 3/31/06		due 90 days after effective date of permit
34	Scope and award contract	30 days	Sun 1/1/06	Mon 1/30/06		
35	Prepare draft report	30 days	Tue 1/31/06	Wed 3/1/06	34	
36	Army review	10 days	Thu 3/2/06	Sat 3/11/06	35	
37	Incorporate comments	15 days	Sun 3/12/06	Sun 3/26/06	36	
38	Submit report to NMED	90 days	Sun 1/1/06	Fri 3/31/06	10	
39						
40	TOPOGRAPHIC MAP VIII.A.3	242 days	Tue 8/2/05	Fri 3/31/06		due 90 days after effective date of permit
41	✓ Scope and award contract	1 day	Tue 8/2/05	Tue 8/2/05		
42	Prepare map (Permit Attachment 2)	90 days	Wed 8/3/05	Mon 10/31/05	41	
43	Army review	10 days	Tue 11/1/05	Thu 11/10/05	42	
44	Incorporate comments	15 days	Fri 11/11/05	Fri 11/25/05	43	
45	Submit map to NMED	90 days	Sun 1/1/06	Fri 3/31/06	10	
46						
47	HYDROGEOLOGIC INFORMATION VIII.A.4	237 days	Fri 7/8/05	Wed 3/1/06		due 60 days after effective date of permit
48	✓ Scope and award contract	26 days	Fri 7/8/05	Tue 8/2/05		
49	Prepare draft report	1 day	Wed 8/3/05	Wed 8/3/05	48	
50	Army review	10 days	Thu 8/4/05	Sat 8/13/05	49	
51	Incorporate comments	1 day	Sun 8/14/05	Sun 8/14/05	50	
52	Submit report to NMED	60 days	Sun 1/1/06	Wed 3/1/06	10	

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Notes
53					
54	MILITARY MUNITIONS MAP AND TABLE I.L.2	242 days	Tue 8/2/05	Fri 3/31/06	Due March 31 every year.
55	Scope and award contract	1 day	Tue 8/2/05	Tue 8/2/05	
56	Prepare draft report	120 days	Wed 8/3/05	Wed 11/30/05	55
57	Army review	10 days	Thu 12/1/05	Sat 12/10/05	56
58	Incorporate comments	15 days	Sun 12/11/05	Sun 12/25/05	57
59	Submit report to NMED	1 day	Fri 3/31/06	Fri 3/31/06	
60					
61					
62	SECURITY FENCE II.C.2	346 days	Mon 10/17/05	Wed 9/27/06	due 180 days after effective date of permit
63	Scope and award contract	1 day	Sun 1/1/06	Sun 1/1/06	
64	Install fence	180 days	Sun 1/1/06	Thu 6/29/06	10
65	Submit certification of fence completion to NMED	90 days	Fri 6/30/06	Wed 9/27/06	64
66	Install warning signs on inner OB/OD fence	10 days	Mon 10/17/05	Wed 10/26/05	
67					
68	OB/OD UNIT III.A and VIII.A.2	1588 days	Sun 1/1/06	Fri 5/7/10	
69					
70	Closure Plan VIII.A.2.1 & III.A	852 days	Sun 1/1/06	Thu 5/1/08	due 180 days after CR plan.
71	Scope and award contract	30 days	Sun 1/1/06	Mon 1/30/06	
72	Prepare draft plan	45 days	Tue 1/31/06	Thu 3/16/06	71
73	Consult with Zuni and Navajo	30 days	Fri 3/17/06	Sat 4/15/06	72
74	Army review	10 days	Sun 4/16/06	Tue 4/25/06	73
75	Incorporate comments	15 days	Wed 4/26/06	Wed 5/10/06	74
76	Submit plan to NMED	180 days	Fri 6/30/06	Tue 12/26/06	21
77	NMED review and comment	90 days	Wed 12/27/06	Mon 3/26/07	76
78	Incorporate comments	15 days	Tue 3/27/07	Tue 4/10/07	77
79	Final closure plan	1 day	Wed 4/11/07	Wed 4/11/07	78
80	Scope and award response action and closure report	21 days	Thu 4/12/07	Wed 5/2/07	79 See Closure report below (III.A.6)
81	Conduct response action (III.A.1--A.4)	365 days	Thu 5/3/07	Thu 5/1/08	80
82					
83	Summary report of historical information VIII.A.2.2	360 days	Sun 1/1/06	Tue 12/26/06	due 180 days after CR plan.
84	Scope and award contract	30 days	Sun 1/1/06	Mon 1/30/06	
85	Prepare draft report	60 days	Tue 1/31/06	Fri 3/31/06	84
86	Army review	10 days	Sat 4/1/06	Mon 4/10/06	85
87	Incorporate comments	15 days	Tue 4/11/06	Tue 4/25/06	86
88	Submit report to NMED	180 days	Fri 6/30/06	Tue 12/26/06	21
89					
90	CAMU permit mod VIII.A.2.3	360 days	Sun 1/1/06	Tue 12/26/06	due 180 days after CR plan.
91	Scope and award contract	30 days	Sun 1/1/06	Mon 1/30/06	
92	Prepare draft permit mod	30 days	Tue 1/31/06	Wed 3/1/06	91
93	Army review	10 days	Thu 3/2/06	Sat 3/11/06	92
94	Incorporate comments	15 days	Sun 3/12/06	Sun 3/26/06	93
95	Submit permit mod to NMED	180 days	Fri 6/30/06	Tue 12/26/06	21
96					
97	Char. Areas not subject to Initial Rem Actions III.A.5	390 days	Fri 5/2/08	Tue 5/26/09	
98	Scope and award contract	30 days	Fri 5/2/08	Sat 5/31/08	81
99	Geophysical investigation of entire OB/OD Area	180 days	Sun 6/1/08	Thu 11/27/08	98 After initial actions in Sections III.A.1, A.2, A.3, A.4
100	Remove and/or decon. contaminated soils	180 days	Fri 11/28/08	Tue 5/26/09	99 See closure report below for reporting
101					
102	Closure Report III.A.6	466 days	Fri 11/28/08	Mon 3/8/10	due 180 days after removal and decontamination actions
103	Prepare draft report	90 days	Fri 11/28/08	Wed 2/25/09	99
104	Army review	30 days	Thu 2/26/09	Fri 3/27/09	103

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Jecest	Notes
105	Incorporate comments	15 days	Sat 3/28/09	Sat 4/11/09	104	
106	Submit report to NMED	180 days	Wed 5/27/09	Sun 11/22/09	100	Due 180 days after actions under III.A.1 through III.A.5
107	NMED review and comment	90 days	Mon 11/23/09	Sat 2/20/10	106	
108	Incorporate comments	15 days	Sun 2/21/10	Sun 3/7/10	107	
109	Final closure report	1 day	Mon 3/8/10	Mon 3/8/10	108	
110						
111	Areas Potentially Affected by the OB/OD Grounds III.B	369 days	Sun 1/1/06	Thu 1/4/07		IF REQUIRED
112	Scope and award work plan, invest, rem selection wp	1 day	Sun 1/1/06	Sun 1/1/06		
113	Prepare investigation work plan III.B.1	1 day	Mon 1/2/06	Mon 1/2/06	112	No duration specified
114	Army review	1 day	Tue 1/3/06	Tue 1/3/06	113	
115	Incorporate comments	1 day	Wed 1/4/06	Wed 1/4/06	114	
116	Submit to NMED	1 day	Thu 1/5/06	Thu 1/5/06	115	
117	NMED review and comment	1 day	Fri 1/6/06	Fri 1/6/06	116	
118	Incorporate comments	1 day	Sat 1/7/06	Sat 1/7/06	117	
119	Final work plan	1 day	Sun 1/8/06	Sun 1/8/06	118	
120	Conduct investigation	1 day	Mon 1/9/06	Mon 1/9/06	119	
121	Prepare investigation report III.B.2	1 day	Tue 1/10/06	Tue 1/10/06	120	
122	Army review	1 day	Wed 1/11/06	Wed 1/11/06	121	
123	Incorporate comments	1 day	Thu 1/12/06	Thu 1/12/06	122	
124	Submit report to NMED	1 day	Fri 1/13/06	Fri 1/13/06	123	
125	NMED review and comment	1 day	Sat 1/14/06	Sat 1/14/06	124	
126	Incorporate comments	1 day	Sun 1/15/06	Sun 1/15/06	125	
127	Final report	1 day	Mon 1/16/06	Mon 1/16/06	126	
128	Notification by NMED	1 day	Sun 1/1/06	Sun 1/1/06		
129	Prepare remedy selection work plan III.B.3	1 day	Mon 1/2/06	Mon 1/2/06	128	
130	Prepare post-closure plan III.B.5 IF NEEDED	1 day	Tue 1/3/06	Tue 1/3/06	129	
131	Army review	1 day	Wed 1/4/06	Wed 1/4/06	130	
132	Incorporate comments	1 day	Thu 1/5/06	Thu 1/5/06	131	
133	Submit to NMED	180 days	Mon 1/2/06	Fri 6/30/06	128	
134	NMED review and comment	1 day	Sat 7/1/06	Sat 7/1/06	133	
135	Incorporate comments	1 day	Sun 7/2/06	Sun 7/2/06	134	
136	Final work plan(s)	1 day	Mon 7/3/06	Mon 7/3/06	135	
137	Scope and award response action and completion report	1 day	Tue 7/4/06	Tue 7/4/06	136	
138	Conduct response action	1 day	Wed 7/5/06	Wed 7/5/06	137	
139	Prepare Completion report III.B.4	1 day	Thu 7/6/06	Thu 7/6/06	138	
140	Army review	1 day	Fri 7/7/06	Fri 7/7/06	139	
141	Incorporate comments	1 day	Sat 7/8/06	Sat 7/8/06	140	
142	Submit report to NMED	180 days	Thu 7/6/06	Mon 1/1/07	138	
143	NMED review and comment	1 day	Tue 1/2/07	Tue 1/2/07	142	
144	Incorporate comments	1 day	Wed 1/3/07	Wed 1/3/07	143	
145	Final report	1 day	Thu 1/4/07	Thu 1/4/07	144	
146						
147	Certification of Closure III.C.3	60 days	Tue 3/9/10	Fri 5/7/10	109	due 60 days after closure
148						
149	KICKOUT AREA IV	1099 days	Sun 1/1/06	Sat 1/3/09		
150						
151	Confirmation of Kickout Area Work Plan IV.A	693 days	Sun 1/1/06	Sat 11/24/07		due 60 days after CR Plan
152	Scope and award contract	30 days	Sun 1/1/06	Mon 1/30/06		
153	Prepare draft workplan	60 days	Tue 1/31/06	Fri 3/31/06	152	
154	Army review	10 days	Sat 4/1/06	Mon 4/10/06	153	
155	Incorporate comments	15 days	Tue 4/11/06	Tue 4/25/06	154	
156	Submit work plan to NMED	60 days	Fri 6/30/06	Mon 8/28/06	21	

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Access	Notes
157	NMED review and comment	90 days	Tue 8/29/06	Sun 11/28/06	156	
158	Incorporate comments	15 days	Mon 11/27/06	Mon 12/11/06	157	
159	Final work plan	1 day	Tue 12/12/06	Tue 12/12/06	158	
160	Implement plan - define kick out area	90 days	Wed 12/13/06	Mon 3/12/07	159	
161	Prepare kick out area confirmation report	30 days	Tue 3/13/07	Wed 4/11/07	160	
162	Army review	30 days	Thu 4/12/07	Fri 5/11/07	161	
163	Incorporate comments	15 days	Sat 5/12/07	Sat 5/26/07	162	
164	Submit KOA Confirmation Report to NMED	2 days	Sun 5/27/07	Mon 5/28/07	163	
165	Upgrade barbed wire fence per Section II.C.2	180 days	Tue 5/29/07	Sat 11/24/07	164	Upgrade to 6' chain link with 3 str barbed wire. See second paragraph.
166						
167	Surface Clearance in Kickout Area IV.B	227 days	Thu 4/12/07	Sat 11/24/07		
168	Scope and award contract	20 days	Thu 4/12/07	Tue 5/1/07	161	
169	Prepare draft workplan	30 days	Wed 5/2/07	Thu 5/31/07	168	
170	Army review	30 days	Fri 6/1/07	Sat 6/30/07	169	
171	Consult with Zuni and Navajo	30 days	Sun 7/1/07	Mon 7/30/07	170	See section VIII.B.1
172	Incorporate comments	15 days	Tue 7/31/07	Tue 8/14/07	171	
173	Submit work plan and schedule to NMED	90 days	Tue 5/29/07	Sun 8/28/07	164	
174	Conduct surface clearance	90 days	Mon 8/27/07	Sat 11/24/07	173	
175						
176	Clearance of Designated Areas IV.C	347 days	Tue 3/13/07	Fri 2/22/08		Areas include archaeological sites and cultural resources
177	Scope and award contract	20 days	Tue 3/13/07	Sun 4/1/07	180	
178	Prepare draft workplan	30 days	Mon 4/2/07	Tue 5/1/07	177	
179	Army review	30 days	Wed 5/2/07	Thu 5/31/07	178	
180	Consult with Zuni and Navajo	30 days	Fri 6/1/07	Sat 6/30/07	179	Develop list of areas with Zuni and Navajo
181	Incorporate comments	15 days	Sun 7/1/07	Sun 7/15/07	180	
182	Submit work plan and schedule to NMED	90 days	Tue 5/29/07	Sun 8/28/07	164	
183	NMED review and approval	90 days	Mon 8/27/07	Sat 11/24/07	182	
184	Conduct geoph. Survey and munitions removal	90 days	Sun 11/25/07	Fri 2/22/08	183	
185						
186	Kickout area report IV.D	286 days	Sat 2/23/08	Thu 12/4/08		due 180 days after munitions removal
187	Scope and award contract	20 days	Sat 2/23/08	Thu 3/13/08	184	
188	Prepare draft report	60 days	Fri 3/14/08	Mon 5/12/08	187	
189	Army review	30 days	Tue 5/13/08	Wed 6/11/08	188	
190	Incorporate comments	15 days	Thu 6/12/08	Thu 6/26/08	189	
191	Submit report to NMED	180 days	Sat 2/23/08	Wed 8/20/08	184	Within 180 days of completing IV.B and IV.C.
192	NMED review and comment	90 days	Thu 8/21/08	Tue 11/18/08	191	
193	Incorporate comments	15 days	Wed 11/19/08	Wed 12/3/08	192	
194	Final closure report	1 day	Thu 12/4/08	Thu 12/4/08	193	
195						
196	Annual Inspections and Removal IV.E	286 days	Sun 11/25/07	Fri 9/5/08		Performed after removal action. Work plan due 90 days after initial KOA clearance
197	Scope and award contract	20 days	Sun 11/25/07	Fri 12/14/07	174	
198	Prepare draft work plan and schedule	30 days	Sat 12/15/07	Sun 1/13/08	197	
199	Army review	10 days	Mon 1/14/08	Wed 1/23/08	198	
200	Incorporate comments	15 days	Thu 1/24/08	Thu 2/7/08	199	
201	Submit work plan and schedule to NMED	90 days	Sun 11/25/07	Fri 2/22/08	174	Try to submit work plan with KOA closure report if possible
202	NMED review and comment	90 days	Sat 2/23/08	Thu 5/22/08	201	
203	Incorporate comments	15 days	Fri 5/23/08	Fri 6/6/08	202	
204	Final work plan	1 day	Sat 6/7/08	Sat 6/7/08	203	
205	Conduct inspection and removal	90 days	Sun 6/8/08	Fri 9/5/08	204	
206						
207	Transfer of Land within the Kickout Area IV.F	406 days	Sun 11/25/07	Sat 1/3/09		IF NEEDED

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Notes
208	Scope and award contract	30 days	Sun 11/25/07	Mon 12/24/07	174
209	Prepare draft workplan	30 days	Tue 12/25/07	Wed 1/23/08	208
210	Army review	30 days	Thu 1/24/08	Fri 2/22/08	209
211	Consult with Navajo and Zuni	30 days	Sat 2/23/08	Sun 3/23/08	210
212	Incorporate comments	15 days	Mon 3/24/08	Mon 4/7/08	211
213	Submit work plan and schedule to NMED	1 day	Tue 4/8/08	Tue 4/8/08	212
214	NMED review and approval	90 days	Wed 4/9/08	Mon 7/7/08	213
215	Conduct removal	180 days	Tue 7/8/08	Sat 1/3/09	214
216	Date of property transfer	180 days	Wed 4/9/08	Sun 10/5/08	213
217					
218	GROUNDWATER MONITORING V	2100 days	Sun 1/1/06	Sat 10/1/11	
219					
220	Interim Plan V.A	437 days	Sun 1/1/06	Tue 3/13/07	
221	Scope and award contract	30 days	Sun 1/1/06	Mon 1/30/06	
222	Prepare draft plan	60 days	Tue 1/31/06	Fri 3/31/06	221
223	Army review	10 days	Sat 4/1/06	Mon 4/10/06	222
224	Consult with Navajo and Zuni	30 days	Tue 4/11/06	Wed 5/10/06	223
225	Incorporate comments	15 days	Thu 5/11/06	Thu 5/25/06	224
226	Submit plan to NMED	90 days	Fri 6/30/06	Wed 9/27/06	21 Due 90 days after CR plan
227	NMED review and comment	90 days	Thu 9/28/06	Tue 12/26/06	226
228	Incorporate comments	15 days	Wed 12/27/06	Wed 1/10/07	227
229	Final plan	1 day	Thu 1/11/07	Thu 1/11/07	228
230	Conduct monitoring	60 days	Fri 1/12/07	Mon 3/12/07	229
231	Submit report V.A.2	1 day	Tue 3/13/07	Tue 3/13/07	230
232					
233	Annual revision to the Interim Plan V.A.4	560 days	Sun 1/1/06	Sat 7/14/07	
234	Scope and award contract	30 days	Wed 11/1/06	Thu 11/30/06	
235	Prepare draft plan	60 days	Fri 12/1/06	Mon 1/29/07	234
236	Army review	10 days	Tue 1/30/07	Thu 2/8/07	235
237	Consult with Navajo and Zuni	30 days	Fri 2/9/07	Sat 3/10/07	236
238	Incorporate comments	15 days	Sun 3/11/07	Sun 3/25/07	237
239	Submit plan to NMED	454 days	Sun 1/1/06	Fri 3/30/07	10 Due 1 year and 90 days after effective date of permit
240	NMED review and comment	90 days	Sat 3/31/07	Thu 6/28/07	239
241	Incorporate comments	15 days	Fri 6/29/07	Fri 7/13/07	240
242	Final plan	1 day	Sat 7/14/07	Sat 7/14/07	241
243					
244	Long-term Plan V.B	639 days	Fri 1/1/10	Sat 10/1/11	due 180 days after all wells are installed under sections VI & VII
245	Scope and award contract	30 days	Fri 1/1/10	Sat 1/30/10	
246	Prepare draft plan	60 days	Sun 1/31/10	Wed 3/31/10	245
247	Army review	10 days	Thu 4/1/10	Sat 4/10/10	246
248	Incorporate comments	15 days	Sun 4/11/10	Sun 4/25/10	247
249	Submit plan to NMED	180 days	Mon 12/20/10	Fri 6/17/11	264 Assumed to be 180 days after OB/OD wells are installed per section VI
250	NMED review and comment	90 days	Sat 6/18/11	Thu 9/15/11	249
251	Incorporate comments	15 days	Fri 9/18/11	Fri 9/30/11	250
252	Final plan	1 day	Sat 10/1/11	Sat 10/1/11	251
253					
254	GROUNDWATER INVEST/CORR ACTION AT OB/OD VI	987 days	Mon 11/2/09	Sun 7/15/12	
255	Scope and award contract for w plan, report, & prog plan	30 days	Mon 11/2/09	Tue 12/1/09	
256	GW investigation work plan VI.A.1	383 days	Wed 12/2/09	Sun 12/19/10	due 90 days after removal and decontamination actions
257	Prepare draft plan	60 days	Wed 12/2/09	Sat 1/30/10	255
258	Army review	10 days	Sun 1/31/10	Tue 2/9/10	257
259	Incorporate comments	15 days	Wed 2/10/10	Wed 2/24/10	258

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Jecess	Notes
260	Submit plan to NMED	90 days	Tue 3/9/10	Sun 6/6/10	109	
261	NMED review and comment	90 days	Mon 6/7/10	Sat 9/4/10	260	
262	Incorporate comments	15 days	Sun 9/5/10	Sun 9/19/10	261	
263	Final plan	1 day	Mon 9/20/10	Mon 9/20/10	262	
264	Field activities	90 days	Tue 9/21/10	Sun 12/19/10	263	Duration TBD
265						
266	GW Investigation report VI.A.2	286 days	Mon 12/20/10	Sat 10/1/11		due 180 days after investigation field work
267	Prepare draft report	60 days	Mon 12/20/10	Thu 2/17/11	264	
268	Army review	10 days	Fri 2/18/11	Sun 2/27/11	267	
269	Incorporate comments	15 days	Mon 2/28/11	Mon 3/14/11	268	
270	Submit report to NMED	180 days	Mon 12/20/10	Fri 6/17/11	264	
271	NMED review and comment	90 days	Sat 6/18/11	Thu 9/15/11	270	
272	Incorporate comments	15 days	Fri 9/16/11	Fri 9/30/11	271	
273	Final report	1 day	Sat 10/1/11	Sat 10/1/11	272	
274						
275	GW Corrective action program plan VI.B	394 days	Sat 6/18/11	Sun 7/15/12		due 90 days after approval of the GW investigation report
276	Prepare draft plan	60 days	Sat 6/18/11	Tue 8/16/11	270	
277	Army review	10 days	Wed 8/17/11	Fri 8/26/11	276	
278	Incorporate comments	15 days	Sat 8/27/11	Sat 9/10/11	277	
279	Submit plan to NMED	90 days	Sun 10/2/11	Fri 12/30/11	273	
280	NMED review and comment	90 days	Sat 12/31/11	Thu 3/29/12	279	
281	Incorporate comments	15 days	Fri 3/30/12	Fri 4/13/12	280	
282	Final plan	1 day	Sat 4/14/12	Sat 4/14/12	281	
283	Field activities associated with wells VI.B.1.2	1 day	Sun 4/15/12	Sun 4/15/12	282	Duration TBD
284	Corrective action VI.B.3	1 day	Mon 4/16/12	Mon 4/16/12	283	Duration TBD
285	Groundwater report VI.B.7.b	90 days	Tue 4/17/12	Sun 7/15/12	284	
286						
287	RELEASE ASSESSMENT REPORTS VII.F.1	561 days	Sun 1/1/06	Sun 7/15/07		due 360 days after effective date of permit. For each AOC
288	Scope and award contract for all reports	30 days	Sun 1/1/06	Mon 1/30/06		
289	SITE 1 or GROUP 1	177 days	Tue 1/31/06	Wed 7/26/06		Possibly several sites can be on the same schedule
290	Prepare draft report	45 days	Tue 1/31/06	Thu 3/16/06	288	
291	Army review	10 days	Fri 3/17/06	Sun 3/26/06	290	
292	Incorporate comments	15 days	Mon 3/27/06	Mon 4/10/06	291	
293	Submit report to NMED	1 day	Tue 4/11/06	Tue 4/11/06	292	
294	NMED review and comment	90 days	Wed 4/12/06	Mon 7/10/06	293	
295	Incorporate comments	15 days	Tue 7/11/06	Tue 7/25/06	294	
296	Final report	1 day	Wed 7/26/06	Wed 7/26/06	295	
297	SITE 2 or GROUP 2	177 days	Thu 7/27/06	Fri 1/19/07		
298	Prepare draft report	45 days	Thu 7/27/06	Sat 9/9/06	296	
299	Army review	10 days	Sun 9/10/06	Tue 9/19/06	298	
300	Incorporate comments	15 days	Wed 9/20/06	Wed 10/4/06	299	
301	Submit report to NMED	1 day	Thu 10/5/06	Thu 10/5/06	300	
302	NMED review and comment	90 days	Fri 10/6/06	Wed 1/3/07	301	
303	Incorporate comments	15 days	Thu 1/4/07	Thu 1/18/07	302	
304	Final report	1 day	Fri 1/19/07	Fri 1/19/07	303	
305	SITE 3 or GROUP 3	177 days	Sat 1/20/07	Sun 7/15/07		
306	Prepare draft report	45 days	Sat 1/20/07	Mon 3/5/07	304	
307	Army review	10 days	Tue 3/6/07	Thu 3/15/07	306	
308	Incorporate comments	15 days	Fri 3/16/07	Fri 3/30/07	307	
309	Submit report to NMED	1 day	Sat 3/31/07	Sat 3/31/07	308	
310	NMED review and comment	90 days	Sun 4/1/07	Fri 6/29/07	309	
311	Incorporate comments	15 days	Sat 6/30/07	Sat 7/14/07	310	

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Jecess	Notes
312	Final report	1 day	Sun 7/15/07	Sun 7/15/07	311	
313						
314						
315						
316						
317	INTERIM MEASURES VII.G	753 days	Sun 1/1/06	Wed 1/23/08		
318	IM work plan for off site water supply wells VII.G.2.a	753 days	Sun 1/1/06	Wed 1/23/08		Due 90 days after CR plan
319	Scope and award contract for plan and report	30 days	Sun 1/1/06	Mon 1/30/06		
320	Prepare draft plan	60 days	Tue 1/31/06	Fri 3/31/06	319	
321	Army review	10 days	Sat 4/1/06	Mon 4/10/06	320	
322	Incorporate comments	15 days	Tue 4/11/06	Tue 4/25/06	321	
323	Submit plan to NMED	90 days	Fri 6/30/06	Wed 9/27/06	21	
324	NMED review and comment	90 days	Thu 9/28/06	Tue 12/26/06	323	
325	Incorporate comments	15 days	Wed 12/27/06	Wed 1/10/07	324	
326	Final plan	1 day	Thu 1/11/07	Thu 1/11/07	325	
327	Begin interim measure	1 day	Fri 1/12/07	Fri 1/12/07	326	
328	Complete interim measure	180 days	Sat 1/13/07	Wed 7/11/07	327	
329	IM Report	196 days	Thu 7/12/07	Wed 1/23/08		
330	Prepare draft report	60 days	Thu 7/12/07	Sun 9/9/07	328	
331	Army review	10 days	Mon 9/10/07	Wed 9/19/07	330	
332	Incorporate comments	15 days	Thu 9/20/07	Thu 10/4/07	331	
333	Submit report to NMED	90 days	Thu 7/12/07	Tue 10/9/07	328	
334	NMED review and comment	90 days	Wed 10/10/07	Mon 1/7/08	333	
335	Incorporate comments	15 days	Tue 1/8/08	Tue 1/22/08	334	
336	Final report	1 day	Wed 1/23/08	Wed 1/23/08	335	
337						
338	IM work plan for Off Depot Kickout area VII.G.2.b	337 days	Sun 1/1/06	Sun 12/3/06		
339	Scopa and award contract for plan and report	1 day	Sun 1/1/06	Sun 1/1/06		
340	Prepare draft plan	1 day	Mon 1/2/06	Mon 1/2/06	339	
341	Army review	1 day	Tue 1/3/06	Tue 1/3/06	340	
342	Incorporate comments	1 day	Wed 1/4/06	Wed 1/4/06	341	
343	Submit plan to NMED	60 days	Sun 1/1/06	Wed 3/1/06		Due 60 days after notification of a planned land use change
344	NMED review and comment	1 day	Thu 3/2/06	Thu 3/2/06	343	
345	Incorporate comments	1 day	Fri 3/3/06	Fri 3/3/06	344	
346	Final plan	1 day	Sat 3/4/06	Sat 3/4/06	345	
347	Begin interim measure	1 day	Sun 3/5/06	Sun 3/5/06	346	
348	Complete interim measure	180 days	Mon 3/6/06	Fri 9/1/06	347	
349	IM Report	93 days	Sat 9/2/06	Sun 12/3/06		
350	Prepare draft report	1 day	Sat 9/2/06	Sat 9/2/06	348	
351	Army review	1 day	Sun 9/3/06	Sun 9/3/06	350	
352	Incorporate comments	1 day	Mon 9/4/06	Mon 9/4/06	351	
353	Submit report to NMED	90 days	Sat 9/2/06	Thu 11/30/06	348	
354	NMED review and comment	1 day	Fri 12/1/06	Fri 12/1/06	353	
355	Incorporate comments	1 day	Sat 12/2/06	Sat 12/2/06	354	
356	Final report	1 day	Sun 12/3/06	Sun 12/3/06	355	
357						
358	RCRA FACILITY INVESTIGATIONS VII.H	1128 days	Sun 1/1/06	Sun 2/1/09		
359	Parcel 21	702 days	Sun 1/1/06	Mon 12/3/07		
360	Scope and award contract	80 days	Sun 1/1/06	Wed 3/1/06		
361	RFI work plan	470 days	Thu 3/2/06	Thu 6/14/07		
362	Prepare draft work plan, asbestos eval report & SSHP	90 days	Thu 3/2/06	Tue 5/30/06	360	See section VIII.A.1 for asbestos report
363	Army review	15 days	Wed 5/31/06	Wed 6/14/06	362	

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Jece	Notes
364	Consult with Navajo and Zuni	30 days	Thu 6/15/06	Fri 7/14/06	363	
365	Incorporate comments	15 days	Sat 7/15/06	Sat 7/29/06	364	
366	Submit RFI work plan to NMED	1 day	Fri 9/1/06	Fri 9/1/06		
367	NMED review and comment	90 days	Sat 9/2/06	Thu 11/30/06	366	
368	Incorporate comments	15 days	Fri 12/1/06	Fri 12/15/06	367	
369	Final plan	1 day	Sat 12/16/06	Sat 12/16/06	368	
370	Field work	180 days	Sun 12/17/06	Thu 6/14/07	369	
371	RFI Report	172 days	Fri 6/15/07	Mon 12/3/07		
372	Prepare draft report	30 days	Fri 6/15/07	Sat 7/14/07	370	
373	Army review	20 days	Sun 7/15/07	Fri 8/3/07	372	
374	Incorporate comments	15 days	Sat 8/4/07	Sat 8/18/07	373	
375	Submit report to NMED	1 day	Sun 8/19/07	Sun 8/19/07	374	
376	NMED review and comment	90 days	Mon 8/20/07	Sat 11/17/07	375	
377	Incorporate comments	15 days	Sun 11/18/07	Sun 12/2/07	376	
378	Final report	1 day	Mon 12/3/07	Mon 12/3/07	377	
379						
380	Parcel 11	703 days	Fri 6/30/06	Sun 8/1/08		
381	Scope and award contract	30 days	Fri 6/30/06	Sat 7/29/06		
382	RFI work plan	501 days	Sun 7/30/06	Wed 12/12/07		
383	Prepare draft work plan, asbestos eval report & SSHP	90 days	Sun 7/30/06	Fri 10/27/06	381	See section VIII.A.1 for asbestos report
384	Army review	15 days	Sat 10/28/06	Sat 11/11/06	383	
385	Consult with Navajo and Zuni	30 days	Sun 11/12/06	Mon 12/11/06	384	
386	Incorporate comments	15 days	Tue 12/12/06	Tue 12/26/06	385	
387	Submit RFI work plan to NMED	1 day	Thu 3/1/07	Thu 3/1/07		
388	NMED review and comment	90 days	Fri 3/2/07	Wed 5/30/07	387	
389	Incorporate comments	15 days	Thu 5/31/07	Thu 6/14/07	388	
390	Final plan	1 day	Fri 6/15/07	Fri 6/15/07	389	
391	Field work	180 days	Sat 6/16/07	Wed 12/12/07	390	
392	RFI Report	172 days	Thu 12/13/07	Sun 6/1/08		
393	Prepare draft report	30 days	Thu 12/13/07	Fri 1/11/08	391	
394	Army review	20 days	Sat 1/12/08	Thu 1/31/08	393	
395	Incorporate comments	15 days	Fri 2/1/08	Fri 2/15/08	394	
396	Submit report to NMED	1 day	Sat 2/16/08	Sat 2/16/08	395	
397	NMED review and comment	90 days	Sun 2/17/08	Fri 5/16/08	396	
398	Incorporate comments	15 days	Sat 5/17/08	Sat 5/31/08	397	
399	Final report	1 day	Sun 6/1/08	Sun 6/1/08	398	
400						
401	Parcel 22	675 days	Fri 3/30/07	Sun 2/1/09		
402	Scope and award contract	30 days	Fri 3/30/07	Sat 4/28/07		
403	RFI work plan	473 days	Sun 4/29/07	Wed 8/13/08		
404	Prepare draft work plan, asbestos eval report & SSHP	90 days	Sun 4/29/07	Fri 7/27/07	402	See section VIII.A.1 for asbestos report
405	Army review	15 days	Sat 7/28/07	Sat 8/11/07	404	
406	Consult with Navajo and Zuni	30 days	Sun 8/12/07	Mon 9/10/07	405	
407	Incorporate comments	15 days	Tue 9/11/07	Tue 9/25/07	406	
408	Submit RFI work plan to NMED	1 day	Thu 11/1/07	Thu 11/1/07		
409	NMED review and comment	90 days	Fri 11/2/07	Wed 1/30/08	408	
410	Incorporate comments	15 days	Thu 1/31/08	Thu 2/14/08	409	
411	Final plan	1 day	Fri 2/15/08	Fri 2/15/08	410	
412	Field work	180 days	Sat 2/16/08	Wed 8/13/08	411	
413	RFI Report	172 days	Thu 8/14/08	Sun 2/1/09		
414	Prepare draft report	30 days	Thu 8/14/08	Fri 9/12/08	412	
415	Army review	20 days	Sat 9/13/08	Thu 10/2/08	414	

Fort Wingate Depot Activity Master Schedule

ID	Task Name	Duration	Start	Finish	Jecass	Notes
416	Incorporate comments	15 days	Fri 10/3/08	Fri 10/17/08	416	
417	Submit report to NMED	1 day	Sat 10/18/08	Sat 10/18/08	416	
418	NMED review and comment	90 days	Sun 10/19/08	Fri 1/16/09	417	
419	Incorporate comments	15 days	Sat 1/17/09	Sat 1/31/09	418	
420	Final report	1 day	Sun 2/1/09	Sun 2/1/09	419	
421						
422	Site XX	12 days	Sun 1/1/06	Thu 1/12/06		
423	Scope and award contract	1 day	Sun 1/1/06	Sun 1/1/06		
424	RFI work plan	5 days	Sun 1/1/06	Thu 1/5/06		
425	Prepare draft work plan, esbestos eval report & SSHP	1 day	Mon 1/2/06	Mon 1/2/06	423	See section VIII.A.1 for asbestos report
426	Army review	1 day	Tue 1/3/06	Tue 1/3/06	425	
427	Consult with Navajo and Zuni	1 day	Wed 1/4/06	Wed 1/4/06	426	
428	Incorporate comments	1 day	Thu 1/5/06	Thu 1/5/06	427	
429	Submit RFI work plan to NMED	1 day	Sun 1/1/06	Sun 1/1/06		due 90 days after NMED notification. See Table VII.2
430	NMED review and comment	1 day	Mon 1/2/06	Mon 1/2/06	429	
431	Incorporate comments	1 day	Tue 1/3/06	Tue 1/3/06	430	
432	Final plan	1 day	Wed 1/4/06	Wed 1/4/06	431	
433	Field work	1 day	Thu 1/5/06	Thu 1/5/06	432	
434	RFI Report	7 days	Fri 1/6/06	Thu 1/12/06		
435	Prepare draft report	1 day	Fri 1/6/06	Fri 1/6/06	433	
436	Army review	1 day	Sat 1/7/06	Sat 1/7/06	435	
437	Incorporate comments	1 day	Sun 1/8/06	Sun 1/8/06	436	
438	Submit report to NMED	1 day	Mon 1/9/06	Mon 1/9/06	437	
439	NMED review and comment	1 day	Tue 1/10/06	Tue 1/10/06	438	
440	Incorporate comments	1 day	Wed 1/11/06	Wed 1/11/06	439	
441	Final report	1 day	Thu 1/12/06	Thu 1/12/06	440	
442						
443						
444						
445	CORRECTIVE MEASURES STUDY VII.I	101 days	Sun 1/1/06	Tue 4/11/06		
446	Site 1	101 days	Sun 1/1/06	Tue 4/11/06		
447	Scope and award contract	1 day	Sun 1/1/06	Sun 1/1/06		
448	CMS Work Plan and Schedule	94 days	Sun 1/1/06	Tue 4/4/06		
449	NMED Notification	1 day	Sun 1/1/06	Sun 1/1/06		
450	Prepare draft CMS work plan and schedule	1 day	Mon 1/2/06	Mon 1/2/06	449	
451	Army review	1 day	Tue 1/3/06	Tue 1/3/06	450	
452	Consult with Navajo and Zuni	1 day	Wed 1/4/06	Wed 1/4/06	451	
453	Incorporate comments	1 day	Thu 1/5/06	Thu 1/5/06	452	
454	Submit work plan to NMED	90 days	Mon 1/2/06	Sat 4/1/06	449	due 90 days after NMED notification.
455	NMED review and comment	1 day	Sun 4/2/06	Sun 4/2/06	454	
456	Incorporate comments	1 day	Mon 4/3/06	Mon 4/3/06	455	
457	Final CMS Work Plan and Schedule	1 day	Tue 4/4/06	Tue 4/4/06	456	
458						
459	CMS Report VIII.I.3	7 days	Wed 4/5/06	Tue 4/11/06		
460	Prepare draft report	1 day	Wed 4/5/06	Wed 4/5/06	457	
461	Army review	1 day	Thu 4/6/06	Thu 4/6/06	460	
462	Incorporate comments	1 day	Fri 4/7/06	Fri 4/7/06	461	
463	Submit report to NMED	1 day	Sat 4/8/06	Sat 4/8/06	462	
464	NMED review and comment	1 day	Sun 4/9/06	Sun 4/9/06	463	
465	Incorporate comments	1 day	Mon 4/10/06	Mon 4/10/06	464	
466	Final CMS Report	1 day	Tue 4/11/06	Tue 4/11/06	465	
467						

**ANNOTATED ATTACHMENT 8
HAZARDOUS WASTE MANAGEMENT UNIT, SOLID WASTE MANAGEMENT UNIT,
AND AREA OF CONCERN TABLE**

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 1	21	TNT Leaching Beds & Building 503	RFI completed, report submitted 2001 Additional monitoring wells installed and sampled 2002-2003, report pending Bldg. 503 demolished in 1998	Soils and ground water impacted by discharges	No comments by NMED on previous submittals	NFA soils (industrial) MNA ground water
SWMU 2	21	Building 515 (Painting and Acid Washout Building and Acid Holding Pond)	RI collected 3 surface soil and 24 subsurface soil samples analyzed for explosives, SVOCs, pesticides, PCBs, metals, nitrate/nitrite, total phosphorus RI installed 1 monitoring well and sampled for explosives, metals, nitrate/nitrite, nitrate, anions	RI found elevated concentrations of pesticides and metals (chromium, copper, lead, and zinc) in 2 of 3 surface soil samples; elevated metals in subsurface soils RI found elevated ground water concentrations of metals (barium, chromium, selenium, and zinc) and fluoride	Monitoring well installed as dual purpose well, to define lateral limits of TNT Leaching Beds contamination and prove no contamination from Acid Waste Holding Pond; however, monitoring well may be too far from Acid Waste Holding Pond to prove no impact to ground water Insufficient surface soil samples Ground water not characterized	Collect 7 surface soil samples to further characterize surface soils Surface soil constituents: pesticides, metals Install and sample 4 monitoring wells to characterize ground water Ground water constituents: explosives, metals, nitrate/nitrite, nitrate, anions, perchlorate
SWMU 3	11	Fenced Storage Yard (Former Storage Yard or DRMO Area, Extended Storage Yard, Former Coal Storage Area)	RI collected 21 surface soil and 39 subsurface soil samples analyzed for VOCs, SVOCs, PCBs, metals RA collected 6 surface soil samples in this area analyzed for metals as part of their "Administration Area" reference sampling	RI found elevated concentrations of a few VOCs and metals, arsenic as high as 12 ppm RA found elevated metals (cadmium, chromium, lead, and thallium)	Releases of liquids (leaking drums) documented in historical reports may require monitoring wells	NFA (industrial)

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 4	6	Building 600 (Building 539, Ammunition Work Shop Area Change House and Laundry)	Soil investigation included 8 subsurface soil samples around abandoned cesspool, 1 surface soil sample at outfall to arroyo, and 1 sanitary sewer manhole sediment sample; samples analyzed for explosives, VOCs, SVOCs, and TAL metals Ground water investigation combined with SWMU 1 (TNT Beds) and SWMU 11B (Bldg. 542)	No explosives detected in cesspool borings, outfall to arroyo, or manhole sediment samples SVOCs and metals detected in cesspool borings Metals detected in outfall sample VOCs, SVOCs, and metals detected in manhole sediment sample Explosives detected in ground water	Laundry may have discharged to ground surface east of building Thought to be the source of explosives in monitoring well TMW11 NMED has not commented on RFI report submitted December 2002	Collect 4 surface and 4 subsurface soil samples near suspect laundry discharge pipe to determine if the source of explosives in ground water is from Building 600 Soil sample constituents: explosives, metals, perchlorate
SWMU 5	11	Building 5	RI collected 8 surface soil and 12 subsurface soil samples analyzed for VOCs, SVOCs, pesticides RI collected 1 sump sediment sample analyzed for VOCs, SVOCs, pesticides, metals USACE, Albuquerque collected additional surface and subsurface soil samples analyzed for pesticides Pesticide contaminated soils on east side removed in 1998; estimated 1 foot excavated over entire length, based on photos in closure report; 5 post-removal soil samples collected RA collected 1 water sample and 2 sediment samples from storm drainage system analyzed for VOCs, SVOCs, pesticides, PCBs, metals	RI found elevated pesticides in soil along east side of building and one pesticide in wash rack sump Extent of elevated soil pesticide levels delineated and removed RA identified elevated levels of PAHs, pesticides, and PCB 1260 in sediments present in two storm sewer manholes at NE and SE corners outside of building	RI sample locations not biased to potential discharge points (doors) Sump may indicate former location of liquid discharge RA samples in storm sewer may not represent Building 5 conditions but may be impacted by other buildings/sites draining to storm sewer system	Collect 10 surface and 10 subsurface soil samples near the doorways and other potential discharge points Soil sample constituents: metals, VOCs, SVOCs, pesticides, PCBs Investigate sump discharge to storm sewer, and potential impacts along it and at outfalls

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 6	11	Building 11 (Former Locomotive Shop)	RI and further characterization identified PCB contamination inside building, some evidence of release to the environment outside building (PCBs in sanitary sewer) Building remediated/demolished in 2002; additional soil removal in 2003	PCBs resolved under TSCA with USEPA Region 6	No comments from NMED on any submittals Former drains and sumps indicate possible liquid discharge to sanitary sewer and storm sewer	Collect 10 surface and 10 subsurface soil samples near the former building and the former building pad area. Bias the samples to former doorways and other potential discharge points Soil sample constituents: metals, VOCs, SVOCs, PCBs Install and sample 2 monitoring wells Ground water constituents: explosives, metals, nitrate/nitrite, nitrate, VOCs, SVOCs, PCBs
SWMU 7	21	Fire Training Ground	RI collected 6 surface soil and 22 subsurface soil samples analyzed for VOCs, SVOCs, metals RA collected 28 surface soil samples analyzed for metals and 16 subsurface soil samples analyzed for VOCs, SVOCs, and metals RA collected 7 surface soil samples analyzed for metals as part of their "Administration Area" reference sampling	RI found elevated metals (arsenic > 3ppm) and trace VOCs and SVOCs in a few samples RA found one location with SVOCs, a few very low VOC levels (<1ppm) which are probably lab contaminants RA found elevated metals (cadmium, chromium, lead, nickel, thallium, vanadium, and zinc)	Ground water monitoring well(s) will be necessary to prove no impact to ground water	Install and sample 4 monitoring wells to characterize ground water Ground water constituents: explosives, metals, nitrate/nitrite, nitrate, VOCs, SVOCs, PCBs

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 8	6	Building 537 (Pesticide and Field Battery Shop)	<p>RI collected 6 subsurface soil, 1 sump sediment, 1 sump water and 5 wipe samples analyzed for pesticides</p> <p>RA collected 7 surface soil samples analyzed for herbicides, metals</p> <p>RA collected 4 surface soil samples analyzed for VOCs, SVOCs, pesticides, PCBs, herbicides, metals</p> <p>RA collected 59 soil samples analyzed with chlordane test kits, and 18 confirmatory lab samples analyzed for chlordane</p> <p>RA collected 1 septic tank sediment sample analyzed for VOCs, SVOCs, pesticides, PCBs, metals</p> <p>RA collected 2 soil samples near septic tank outfall</p> <p>PCB impacted (greater than 1 ppm) soil "hotspot" (approximately 187 tons) removed in 2003 and disposed in chemical waste landfill</p>	<p>RI found elevated levels of pesticides (only constituents analyzed)</p> <p>RA found elevated levels of chlordane, and metals including lead, copper, zinc</p> <p>RA found PCB1260 in all 4 samples tested</p> <p>RA found elevated metals (arsenic = 19 ppm, barium = 410 ppm cadmium = 1.9 ppm, chromium = 23.1 ppm, mercury = 1.5 ppm, nickel = 15.7, zinc=99.8) and PCB1260 in septic tank sediment and water valve box; PAHs also in septic tank sediment</p> <p>Approximately 260 cubic yards of PCB impacted soil remain in place; amounts of pesticide and metals impacted soils also remain</p>	<p>Concrete pad with drain formerly located east of Building 537 reportedly a shed used for battery draining and refilling; pad removed 2003</p> <p>Presence of PAHs, PCBs, and elevated metals in septic sediments not addressed</p> <p>Septic system not abandoned as planned; funding spent on PCB impacted soil disposal</p> <p>Because of building's use for a pesticide handling operation, PCB impacted soil was also considered a listed waste for pesticides; requiring treatment (chemical oxidation) prior to land disposal</p> <p>Building currently being utilized by TPL for demilitarization operations</p>	<p>Install and sample 4 monitoring wells to determine if practices have impacted ground water</p> <p>Ground water constituents: explosives, metals, nitrate/nitrite, nitrate, SVOCs, pesticides, PCBs, perchlorate</p>

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 9	7	POL Waste Discharge Area	RI collected 5 surface soil and 30 subsurface soil and 3 surface water samples analyzed for VOCs, SVOCs, PCBs, metals	RI did not identify elevated levels of constituents (zinc slightly above background at the time)	Ground water monitoring well(s) will be necessary to prove no impact to ground water	Collect 5 surface soil samples to further characterize Soil constituents: VOCs, SVOCs, PCBs, metals Install and sample 4 monitoring wells to characterize ground water Ground water constituents: explosives, metals, nitrate/nitrite, nitrate, VOCs, SVOCs, pesticides, PCBs
SWMU 10	11	Sewage Treatment Plant (includes Buildings/ Structures 22, T- 37, 63, 69, 70, 71, 72, 73, 74a, 74b, 74c, 74d, 82, 83, document incinerator, Structure 745, drainage ditch, septic system at sewage treatment plant)	RI collected 15 subsurface soil samples analyzed for explosives, VOCs, SVOCs, metals, nitrate/nitrite, total phosphorus RI installed 1 monitoring well and collected ground water samples analyzed for metals (total and dissolved), anions, total hardness, trihalomethanes RA collected 2 soil and 1 septic tank sediment samples analyzed for VOCs, SVOCs, pesticides, PCBs, metals	RI found elevated metals Document Incinerator broken out as a separate AOC based on UXO concerns RI found elevated ground water metals concentrations; chloride and sulfate concentrations exceeded secondary MCL concentrations RA found elevated metals UXO cleared in 1998; no environmental sampling after removal, but site is within fence for active sewage treatment plant This is an active sewage treatment plant receiving sewage from current installation activities	Ground water not characterized No surface soil samples Current FWDA activities may be contributing to detections No post-removal sampling at document incinerator	NFA (industrial)

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 11A	UK	Structure 745 (includes Structure 746)			745 included in SWMU 10 above; 746 part of bldg. T-17 (stable) removed from Permit by NMED	
SWMU 11B	6	Building 542 (Ammunition Workshop) and Building 541	<p>Soil investigation included 8 wipe samples from stained areas on loading docks, 8 surface soil samples along loading docks (test kit analysis), 2 subsurface samples along loading dock, 8 subsurface soil samples around cesspool, 1 cesspool sediment sample, 1 surface soil sample from cesspool out fall, 1 septic tank sediment sample, 1 septic tank water sample, and 20 subsurface soil samples within septic tank drain field; samples analyzed for explosives, VOCs, SVOCs, and TAL metals (not including those samples analyzed by test kits, which were explosives only)</p> <p>Ground water investigation included installation of 6 monitoring wells around this SWMU and SWMU 4 (Bldg. 600); ground water samples analyzed for explosives, metals, nitrate/nitrite, nitrate</p>	<p>Cesspool and septic tank filled and abandoned IAW NMAC requirements</p> <p>HMX detected in wipe samples from loading docks</p> <p>HMX, RDX, one VOC, SVOCs, and metals detected in subsurface samples next to east loading dock</p> <p>VOCs, SVOCs, and metals detected in cesspool sediment and borings</p> <p>One VOC, SVOCs, and metals detected in septic tank and drain field samples</p> <p>No shallow (unconsolidated) water bearing zones encountered</p>	<p>TPL has/had operations in this building, including HMX recovery</p> <p>NMED has not commented on RFI report submitted December 2002</p> <p>Bldg. 541 (Heating Plant) not investigated to date</p>	Collect 10 surface and 10 subsurface soil samples near docks of Building 542 to delineate the extent of explosives contamination
SWMU 12	22	Building 536 (Inspectors Workshop and Ammunition Renovation Depot) (includes one former PCB transformer)	None	Unknown		

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 13	18	Eastern Landfill Area (includes inactive EOD Area KGA-1, KPA-2, KP-0B/OD & Fenced Waste Phosphorus Inventory and Three Fenced Waste Phosphorus Range 20)	RI performed EM/MAG/GPR to locate landfill RI collected 9 subsurface soil samples analyzed for VOCs, SVOCs, pesticides, PCBs, metals RI screened passive soil gas samples for methane, hydrogen sulfide RA performed EM31/EM61/MAG to identify waste boundaries; excavated trenches to confirm waste present Four ground water monitoring wells installed 2004; one round of ground water samples collected and analyzed for Appendix IX constituents including VOCs, SVOCs, PCBs, pesticides, herbicides, dioxins, total and dissolved metals; samples also analyzed for anions, cyanide, explosives, nitrate/nitrite/pH, sulfide, and TDS	RI found elevated mercury and barium in some samples RI found low levels of methane, no hydrogen sulfide RA found 10 geophysical anomalies; 3 trenches contained waste and 3 areas of surface debris VOCs, SVOCs, pesticides, explosives, one PCB, and metals were detected in ground water	Closure of landfill under NM Solid Waste regulations (EIB/SWMR-1) may be applicable based upon period of use (cover/no cap) Closure of landfill under following OSWER Directive No. 9355.0-67FS, Application of CERCLA Municipal Landfill Presumptive Remedy to <u>Military Landfills</u> , may be applicable	None
		Western Rifle Range		RI found lead exceeding background in two samples (17.4)	Abandoned shooting range will require corrective action	None
SWMU 14	3	Old Burning Ground and Demolition Landfill Area (Includes KGA-3, KGA-4, KGA-5, KP-2, KP-3, KP-4, Arroyo in Fenced Up Horse Valley, and Dump Pile)	Solid matrix characterized as part of Phase IA of OB/OD Closure Field Program (CFP) Ground water characterized as part of Phase IB of OB/OD CFP	See reports (too much info for this table)	Within Kickout Area NMED has not commented on Phase IA and IB reports	RCRA CA

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 19	21	Building 501 (Former Boiler House and Heating Plant No. 7)	<p>RI collected 12 subsurface soil, 1 sump sediment, and 1 sump water samples analyzed for explosives, nitrate/nitrite, total phosphorus</p> <p>RI collected 4 concrete chip and 4 wipe samples analyzed for PCBs</p> <p>USACE collected 4 composite surface soil samples in 1997 analyzed for VOCs, SVOCs, pesticides, PCBs, RCRA metals</p> <p>BENECO collected 5 post-removal surface soil samples from within building footprint in 1998</p>	<p>RI did not identify elevated levels of constituents in soils</p> <p>RI found PCBs in all but 1 wipe sample</p> <p>PCBs detected in all 4 samples > 1 ppm; further characterization/remediation planned</p> <p>Building demolished in 1998</p> <p>PCBs detected in 1 post-removal sample (0.215 mg/kg); areas sampled by USACE not addressed by building demolition</p>	<p>Elevated PCBs in soil adjacent to former building location not addressed; was planned for characterization in 2003 under same contract as Bldg. 537 characterization/ disposal, but funding was insufficient</p> <p>Additional soil characterization or removal may be required</p>	<p>Delineate and remove PCB impacted (greater than 1 ppm) soil</p>
SWMU 20	7	Western Landfill, includes Features 3 and 4 on 1962 air photo API-3 (1995 Archive Search Report)	<p>RI excavated 29 trenches and collected 15 waste and 16 soil samples analyzed for explosives, SVOCs, pesticides, PCBs, metals, nitrate/nitrite</p> <p>Waste removed in 2001; excavations backfilled with clean soil</p>	<p>RI found trace SVOCs, two VOCs, one pesticide, and metals exceeding background in native soils</p> <p>Post-excavation confirmation samples detected SVOCs, pesticides</p>	<p>A closure report has recently been completed but has not been submitted to NMED; however, NMED was receiving information regularly during removal, including analytical results</p>	
SWMU 21	23	Central Landfill	<p>RI excavated 9 trenches and collected 12 waste and 12 soil samples analyzed for explosives, SVOCs, pesticides, PCBs, metals, nitrate/nitrite</p> <p>Waste removed in 1999; a total of 32 post-excavation surface soil samples were collected from the floor of the excavation, and analyzed for explosives, VOCs, SVOCs, pesticides, PCBs, herbicides, metals, TRPH</p> <p>RA collected 42 subsurface soil samples in analyzed for explosives, SVOCs, pesticides, metals</p>	<p>RI found SVOCs and metals exceeding background in several native soil samples</p> <p>Post-excavation found elevated levels of SVOCs, pesticides, and metals</p> <p>RA found PAHs in 17 of 38 samples, elevated arsenic in 4 of 38 samples, trace pesticides in 13 of 25 samples (chlordane at 286 ppb in one sample), and explosives in 2 of 37 samples (TNT=69ppm in one sample, at a depth of 5 feet bgs)</p>	<p>Closure documentation has not been submitted to NMED</p>	<p>Collect 10 surface and 10 subsurface soil samples near Building 8</p> <p>Soil sample constituents: metals, VOCs, SVOCs, PCBs</p>

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 24	11	Building 15 (Garage and Storage Bldg.)	RI collected 5 surface soil and 12 subsurface soil samples analyzed for VOCs, SVOCs, pesticides RA collected 6 surface soil and 6 subsurface soil samples analyzed for VOCs, SVOCs, pesticides, PCBs, metals, pH RA collected 1 wipe sample analyzed for PCBs	RI found elevated concentrations of pesticides RA found elevated concentrations of SVOCs, pesticides, PCB1260 and lead (possibly from the paint?); no PCBs detected in wipe sample	Elevated lead in soils could be caused by flaking LBP; could also be source of PCBs; Army policy on this uncertain Likely pesticides source is normal application for pest control; not release RI soil sample locations not biased to potential discharge points (doors) RA soil samples located near loading/unloading areas by doors	Collect 4 surface and 4 subsurface soil samples to further characterize Soil sample constituents: metals, VOCs, SVOCs
SWMU 25	7	Trash Burning Ground Property Disposal Office includes Features 1, 2 and 5 on the 1962 aerial photo API-3 (from the 1995 Archive Search Report)	RI collected 6 surface soil and 21 subsurface soil samples analyzed for VOCs, SVOCs, pesticides, PCBs, metals	RI found pesticides and elevated metals, only beryllium exceeding screening levels	Review of historical aerial photos and drawings led FWDA to believe that only the trash burning ground portion of the site was address by RI; PDO office location appears to have been farther south	Collect 10 surface and 10 subsurface soil samples near the newly-identified PDO location Soil constituents: metals, VOCs, SVOCs, pesticides, PCBs
SWMU 26	10	Suspected POL Area. Large berm north of the railroad classification yard.	RI collected 10 subsurface soil samples analyzed for VOCs, SVOCs, PCBs, metals	RI found lead above background Trace levels of VOCs detected, believed to be lab contaminant (cannot tie to a method blank)	NFA submitted in 1999, but not approved by NMED Site determined to be an explosive safety barricade (suspect rail car spur) rather than soil used to cover POL discharge area NMED reluctant to write off trace VOCs without blank qualified data	NFA

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 27	22	Building 528 Complex. Includes Building 528 (Ammunition Normal Maintenance Building), Building 528A (temporary storage igloo), AOC 121 (Building 528B, temporary storage igloo), AOC 122 (Building 529), AOC 125 (Building 550, vacuum collector barricade), AOC126 (Building 551, service magazine)	<p>RI collected 5 surface soil and 6 subsurface soil samples around Bldg. 528 (one subsurface location is near Bldg. 551); analyzed for explosives, VOCs, SVOCs, PCBs, metals, nitrate/nitrite, total phosphorus;</p> <p>TPL collected 10 surface wipe and 1 paint chip samples inside the building; analyzed for explosives, TPH, lead</p> <p>NMED HRMB collected soil samples from around Building 528 while TPL in operation, and from TMW05; samples analyzed for perchlorate</p> <p>In 2002, surface soil samples were collected from approximate locations of NMED samples; samples analyzed for perchlorate</p>	<p>RI found TNT (3.2 ppm) in one sample and RDX (5.5 ppm) in one sample, other explosives ND at 1 ppm detection limit; SVOCs detected in all 5 surface soil samples, above screening levels in 4; elevated metals (cadmium = 7.7 ppm, copper = 70.6 ppm, iron = 99,000 ppm, lead = 87-320 ppm, zinc = 51.7-409)</p> <p>TPL found explosives, TPH, lead in building</p> <p>Perchlorate detected in soil and ground water in both NMED and FWDA samples</p>	<p>TPL operations in this area involved perchlorate, both in raw product (within ammonium nitrate pellets reportedly stored inside) and recovered (from photoflash cartridge demilitarization) forms</p> <p>As noted to left, with the exception of surface soil sampling for perchlorate, the other buildings/sites within this SWMU have not been investigated</p>	<p>Install and sample 4 monitoring wells near Building 528 to identify source of perchlorate in TMW05</p> <p>Ground water constituents: explosives, metals, VOCs, SVOCs, nitrate/nitrite, nitrate, perchlorate</p>
AOC 28	6	Igloo Block B	During the RI, 24 surface soil samples were collected under igloo drains, and 15 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus.	Only nitrate/nitrite was detected above background in one sample	<p>DOI wants more interior sampling</p> <p>NMED may want more than "representative" sampling both interior and exterior</p> <p>NMED presumes that the igloos will be washed/remediated</p> <p>May need to investigate other structures such as pre-1940 magazine locations, loading docks, dunnage buildings, rail lines, etc. within igloo block</p>	None (like use)

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 29	2, 4, 19, 23	Igloo Block C	During the RI, 9 surface soil samples were collected under igloo drains, and 9 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus.	One explosive (HMX) was detected in one sample under an igloo drain, at a very low level (2.29 ppm) well below the NMED Residential Soil Screening Level (SSL) of 3,000 ppm	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)
AOC 30	19, 22	Igloo Block D	During the R/IFS, 24 surface soil samples were collected under igloo drains, and 6 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected slightly above background in one sample	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as pre-1940 magazine locations, loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)
AOC 31	19	Igloo Block E	During the RI, 24 surface soil samples were collected under igloo drains, and 12 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	No constituents were detected exceeding background levels	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 32	19	Igloo Block F	During the RI, 9 surface soil samples were collected under igloo drains, and 3 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	No constituents were detected exceeding background levels	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as pre-1940 magazine locations, loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)
SWMU 33	3	Waste Pile KP1	Solid matrix characterized as part of Phase IA of OB/OD CFP Ground water characterized as part of Phase IB of OB/OD CFP	See reports (too much info for this table)	Within Kickout Area NMED has not commented on Phase IA and IB reports	RCRA CA
AOC 34	19	Igloo Block G	During the RI, 24 surface soil samples were collected under igloo drains, and 3 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	No constituents were detected exceeding background levels	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as pre-1940 magazine locations, loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)
AOC 35	2	Igloo Block H	During the RI, 24 surface soil samples were collected under igloo drains; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected slightly above background in one sample	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 36	2	Igloo Block J (includes Missile Launch Pad used by MDA)	During the RI, 18 surface soil samples were collected under igloo drains; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected slightly above background in one sample	DOI wants more interior sampling NMED may want more than "representative" sampling both interior and exterior NMED presumes that the igloos will be washed/remediated May need to investigate other structures such as MDA missile launch facility, loading docks, dunnage buildings, rail lines, etc. within igloo block	None (like use)
SWMU 37	11	Building 9 (Machine Shop and Signal Shop)	Not identified as area of concern for RI RA collected 6 surface soil, 18 subsurface soil, 2 sediment, and 3 sump sediment samples analyzed for VOCs, SVOCs, PCBs, metals, total phosphorus RA also collected 2 wipe samples analyzed for PCBs	RA found elevated levels of 1 VOC (probable lab contaminant), PAHs, PCBs, and metals (cadmium, chromium, copper, and lead) in soil and sediment outside the building One PCB detected in each wipe sample	Detections of PAHs, PCBs, and elevated metals not delineated Parts of this building have a wooden floor that could allow contaminants to be discharged to the ground under the building Sediment samples collected in drainage ditch may indicate migration away from building, or may be impacted by other buildings/sites draining to the ditch	Collect 4 surface samples near the building to delineate extent of contamination Collect 10 subsurface soil samples under wooden floor of building Collect 6 sediment samples to delineate the extent of contamination Soil and sediment sample constituents: metals, VOCs, SVOCs, PCBs

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 38	20	Functional Test Range 1	<p>RI collected 5 surface soil samples analyzed for explosives, nitrate/nitrite, total phosphorus; RI also collected 4 sediment samples analyzed for explosives, VOCs, SVOCs, pesticides, metals, nitrate/nitrite, total phosphorus UXO cleared in 1997</p> <p>RI follow-on collected 13 surface soil, 17 sediment, and 3 waste samples analyzed for explosives, metals, TCLP metals (waste only), TPH-DRO/GRO (selected sediments only)</p> <p>RA collected 29 surface soil, 30 subsurface soil, and 5 sediment samples analyzed for explosives, metals, TPH-DRO/GRO</p>	<p>RI found elevated metals; characterization effort was limited by the presence of possible UXO RI follow-on found explosives, elevated metals, and TPH-DRO/GRO in selected areas; waste not hazardous RA found explosives and elevated metals</p>	<p>NMED believes there are "burial pits" within FTR 1 UXO clearance may have allowed significant quantities of ordnance related scrap (flare slag, debris, etc.) to remain on-site below surface UXO Clearance statement recommended additional subsurface clearance on 37.5 acres</p>	Additional subsurface UXO clearance planned on 37.5 acres
SWMU 39	19	Pistol Range	<p>RI collected 5 surface soil samples analyzed for metals RI collected 1 surface soil sample analyzed for TCLP lead Soil removed 1999, post removal soil samples collected and analyzed for lead</p>	<p>RI found elevated lead levels; TCLP lead concentration = 63,000 ug/l confirmation samples less than 50 ppm lead with three exceptions (57.3, 132, and 383 ppm)</p>	<p>NMED pushing for more sampling; concerned with potential surface water runoff Some visible bullets remain on-site; unclear if these are leftovers or additional following removal</p>	NFA

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 40	11	South Administration Area Formerly named the Coal Tar Storage Tanks (Structures 58, 59, and 60), SWMU 48 (Building 10), SWMU 49 (Building 12), SWMU 50 (Building 13), SWMU 51 (Building 29), SWMU 52 (Building T-33), SWMU 53 (Building 36), SWMU 54 (UST #5), AOC 55 (Structure T-49), AOC 56 (Building T-50), AOC 72 (Building 14), SWMU 77 (Building T-34), AOC 83 (Structure 63), and AOC 87 (Structure 57)	<p>Characterization at Coal Tar Storage Tanks and Bldg. 29 only; other sites were not identified as SWMUs/AOCs prior to Draft Permit</p> <p><u>Coal Tar Storage Tanks</u></p> <p>RI collected 1 surface soil and 3 subsurface soil samples analyzed for SVOCs</p> <p>Tanks and surface soil in 1999, post-removal surface soil samples collected and analyzed for metals, SVOCs</p> <p>RA collected 8 surface soil samples analyzed for arsenic</p> <p><u>Bldg. 29</u></p> <p>RI collected 4 surface soil samples analyzed for pesticides, herbicides</p> <p>RA collected 7 subsurface soil and 2 sediment samples analyzed for herbicides, PCBs</p>	<p><u>Coal Tar Storage Tanks</u></p> <p>RI looked for SVOCs only; detected none</p> <p>Tanks and surface soil removed in 1999</p> <p>Confirmation samples did not detect SVOCs or metals above background, but arsenic detection limit exceeded background and screening levels</p> <p>RA analyzed arsenic only; elevated arsenic levels in 2 of 8 samples (8 and 12 ppm)</p> <p><u>Bldg. 29</u></p> <p>RI found one pesticide (DDE at 0.0103 ppm) in one of four surface soil samples</p> <p>RA found PCBs at 35.8 ppb in 1 soil sample and 45.4 and 49.6 ppb in 2 sediment samples</p>	<p><u>Coal Tar Storage Tanks</u></p> <p>NMED has not reviewed or commented on removal documentation</p> <p><u>Bldg. 29</u></p> <p>Building demolished in 1999; no indication of post-removal sampling</p> <p>RA may satisfy post-removal sampling</p> <p>RA soil samples located near former loading/unloading areas by doors, and under building</p> <p>PCBs <1ppm in soil adjacent to former building location below TSCA standard, do not need to be addressed</p>	<p><u>Coal Tar Storage Tanks</u></p> <p>NFA (industrial)</p> <p><u>Bldg. 29</u></p> <p>NFA (industrial)</p>
AOC 41	16	Igloo Block K	<p>During the RI, 6 surface soil samples were collected under igloo drains; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus</p>	<p>2,4-DNT, 2,6-DNT, and TNT were detected in one sample at concentrations of 510 ppm, 20.5 ppm, and 1.78 ppm, respectively; only 2,4-DNT exceeds the NMED Residential SSL of 120 ppm, and the detected value is less than the NMED Industrial SSL of 1,370 ppm</p> <p>Nitrate/nitrite was detected above background in another soil sample</p>	<p>DOI wants more interior sampling</p> <p>NMED may want more than "representative" sampling both interior and exterior</p> <p>NMED presumes that the igloos will be washed/remediated</p> <p>May need to investigate other structures such as pre-1940 magazine locations, loading docks, dunnage buildings, rail lines, etc. within igloo block</p>	None (like use)

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 42	6	Building 516 (Ammunition Receiving Building)	None (not identified as an AOC prior to Draft Permit)			
AOC 43	7	Railroad Classification Yard	None (not identified as an AOC prior to Draft Permit)			
AOC 44	10	Former Administration and Utilities Area	None (not identified as an AOC prior to Draft Permit)			
SWMU 45	11	Building 6 (Gas Station)	Bldg.6 was not identified as a SWMU/AOC prior to Draft Permit Associated USTs removed in 1993 In the Feb 1993 UST Closure Report submitted to the NMED UST Bureau on Mar 1, 1993, the Site (Site One) encompassing the locations of USTs #1-4 was identified as requiring the completion of a Minimum Site Assessment (MSA) As part of the subsurface investigation for this site, three ground water monitoring wells were installed in 1994	Following completion of the UST Bureau's requirement for two years of continuous quarterly sampling from these monitoring wells, FWDA requested that the quarterly sampling be discontinued, in August, 1998 Received NFA status from NMED UST Bureau in 1999	NMED has reopened this site for Corrective Action	None
AOC 46	11	Above Ground Tank located near Bldg. 11	None (not identified as an AOC prior to Draft Permit)			
AOC 47	11	TPL spill of photoflash powder west of Bldg. 11	FWDA believes that the release was addressed with the removal and off-site disposal of 6,000 pounds of barium-impacted soil in September 2002; FWDA understands that TPL has or will provide documentation of this cleanup to NMED			
AOC 48	11	Building 34 (Fire Station)	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 49	11	Structure 38 (End Loading Dock) and Structure 39 (Side Loading Dock)	None (not identified as an AOC prior to Draft Permit)			
SWMU 50	11	Structure 35 (Underground Storage Tank (UST #7) located by Building 45)	<p>UST was removed in Feb 1995</p> <p>Laboratory analysis of the soils sampled from the excavation area confirmed the presence of petroleum hydrocarbons consistent with gasoline</p> <p>A Minimum Site Assessment (MSA) was initiated in November 1996; as part of the MSA, three ground water monitoring wells, numbered MW-1, MW-2, and MW-3 were installed.</p>	<p>The MSA report for this UST was submitted to the NMED UST Bureau on Mar 17, 1998, requesting site closure</p> <p>Received NFA status from NMED UST Bureau in 1999</p>	NMED has reopened this site for Corrective Action	
AOC 51	6 or 11	Structure 64 (Underground Storage Tank)	None (not identified as an AOC prior to Draft Permit)			
AOC 52	11	Building 79 and Building 80 (Storage Vaults)	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 53	13	Lake Knudson	One surface water/sediment sample pair collected in 1981 Three surface water/sediment pairs collected during RI; samples analyzed for VOCs, SVOCs, explosives, pesticides, nitrate/nitrite, phosphorus, and TAL metals	Low concentrations of chromium and phosphorus detected in 1981 surface water sample; oil and grease detected in 1981 sediment sample Nitrate/nitrite, phosphorus, and metals detected in RI surface water and sediment samples Surface water and sediment sample results did not indicate that Lake Knudson had been impacted by releases from FWDA operations There are no non-storm water discharges to Lake Knudson	Lake Knudson is a man-made, seasonal body of water	None
AOC 54	13	Building 311 (Standard Magazine)	None (not identified as an AOC prior to Draft Permit)			
AOC 55	13	Structure 506 (TNT Storage Barricade)	None (not identified as an AOC prior to Draft Permit)			
AOC 56	13	Structure 533 (Explosive Barricade)	None (not identified as an AOC prior to Draft Permit)			
AOC 57	16	Buildings 306, 307, 308, 309, 310 (Standard Magazines near Knudson Lake)	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 58	19	Buildings 303 and 304 (Standard Magazines) and 320 (Field Dunnage Building along Arterial Road No. 3)	None (not identified as an AOC prior to Draft Permit)			
AOC 59	19	Building T-422 (former Bldg. X-11, Normal Maintenance Bldg., Bomb and Shell Paint Bldg.)	None (not identified as an AOC prior to Draft Permit)			
AOC 60	21	Building 522 formerly designated as Building 500 (Ammunition Receiving Bldg.)	None (not identified as an AOC prior to Draft Permit)			
AOC 61	21	Building 507 (Smokeless Powder Magazine)	None (not identified as an AOC prior to Draft Permit)			
AOC 62	21	Building 508 (Smokeless Powder Magazine)	None (not identified as an AOC prior to Draft Permit)			
AOC 63	21	Building 509 (Primary Collector Barricade or Propellant Baghouse)	None (not identified as an AOC prior to Draft Permit)			
AOC 64	21	Building 510 (Vacuum Producer Building)	None (not identified as an AOC prior to Draft Permit)			
AOC 65	21	Building 511 (Service Magazine)	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 66	21	Building 512 (Service Magazine)	None (not identified as an AOC prior to Draft Permit)			
AOC 67	21	Building 513 (Service Magazine)	None (not identified as an AOC prior to Draft Permit)			
AOC 68	21	Structure 514 (Deboosting Barricade) and Structure 545 (Earthen Barricade)	None (not identified as an AOC prior to Draft Permit)			
AOC 69	22	Buildings 301, 302, and 312 (Standard Magazines), Building 316 (Field Lunch Room),	None (not identified as an AOC prior to Draft Permit)			
SWMU 70	22	Disassembly Plant and TPL QA Test Area (Disassembly Plant includes Building 517, Structure 518, Building 519, Structure 520, Structure 521, Structure 547) Disassembly Plant and TPL QA Test and OB/OD Area	None (not identified as a SWMU prior to Draft Permit)			
AOC 71	22	Former rectangular structure near TMW-5 and north of Blg. 528	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
SWMU 72	21 and may include 22	Deactivation Furnace, Deactivation Furnace Acid Pits, and surrounding area (includes pre-1958 buildings and areas in the vicinity of Blg. 530)	RI collected 19 surface soil and 9 subsurface soil and 3 sediment samples analyzed for metals, total phosphorus, sulfate UXO clearance completed 1997 RA collected 8 surface soil and 8 subsurface soil samples analyzed for explosives, metals, total phosphorus NMED collected 8 surface soil samples analyzed for perchlorate	RI found elevated concentrations of metals in surface and subsurface soils RA found elevated concentrations of metals and total phosphorus in surface and subsurface soils NMED did not detect perchlorate UXO clearance activities recovered 1.25 pounds of propellant grains	Insufficient soil samples analyzed for explosives NMED has added pre-1958 buildings based on aerial photos; function of/operations at pre-1958 buildings may not be documented	Collect 10 surface and 10 subsurface soil samples to further characterize Soil constituents: explosives, metals, total phosphorus
AOC 73	23	Former buildings or structures along Road C-3.	Some characterization of one of two buildings in this AOC completed as part of RI; site of Bldg. T-332 was mistakenly identified as "Current Landfill" RI performed geophysics (EM/MAG/GPR) to locate "landfill" RI collected 18 subsurface soil samples analyzed for VOCs, SVOCs, pesticides, PCBs, metals RI screened passive soil gas samples for methane, hydrogen sulfide	Minimal subsurface debris present based on geophysics Only metals detected in subsurface soil samples Minimal methane, no hydrogen sulfide soil gas detected	No characterization for asbestos NMED has observed "suspicious" materials/debris (yellow chunk material, roofing materials) that led to the listing of this AOC in the Draft Permit	NFA for "Current Landfill"
SWMU 74	3	Area 16 or Site 16 (Proposed Burning Ground) – to be addressed under the Kickout Area requirements unless the location is determined to be outside the Kickout Area boundary as defined Section IV.A	Not identified as a SWMU prior to Draft Permit UXO clearance in 1999 (based on NMED "request")	Some ordnance related scrap observed and removed	Scrap believed to be kickout from OB/OD	

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 75	6, 7, 11, 12, 13, 19, 21, 22, and may include other parcels	Electrical Transformers (at least 65 former or existing transformers)	Sampling at some locations completed, but not well documented		NMED does not have TSCA primacy	
AOC 76	2	Feature 19 on the 1973 aerial photo (API-5) in the 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)			
AOC 77	2	Feature 20 on the 1973 aerial photo (API-5) in the 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)			
AOC 78	5	Feature 18 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 79	6	Feature 2 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 80	6	Feature 9 on 1962 aerial photo (API-3) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 81	6	Feature 11 on 1962 aerial photo (API-3) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 82	6 and 5	Feature 18 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 83	6	Feature 22 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 84	6	Feature 12 on 1962 aerial photo (API-3) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 85	9	Feature 11-1 on 1962 aerial photo (API-3) in 1995 Archive Search Report and Feature 1 on 1973 aerial photo (API-5) in 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)			
AOC 86	13	Feature 15 on 1973 aerial photo (API-5) in 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)			
AOC 87	21	Feature 18 on 1962 aerial photo (API-3) and Feature 23 on 1973 aerial photo (API-5) in 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 88	22	Former buildings or structures and disposal areas southwest, south, and southeast of Blg. 528.	None (not identified as an AOC prior to Draft Permit)			
AOC 89	3	Feature 30 and Feature 34 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 90	3	Feature 36 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			
AOC 91	3	Feature 41 in the 1973 aerial photo (API-5) and Feature 27 on the 1978 historic aerial photo (API-7) in the 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)			
AOC 92	3	Feature 31 on the 1973 historic aerial photo (API-5) and Feature 21 on the 1978 aerial photo (API-7) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)			

SWMU/AOC Number as of 08/05	Parcel	Description	Environmental Characterization Completed	Summary of Environmental Condition	Issues	Proposed Path Forward Before Permit
AOC 93	Un- known	Bivouac and Tank Training Area	None (not identified as an AOC prior to Draft Permit)		Despite several iterations of supplemental information regarding the type of "tanks" (tracked anti-aircraft weapons systems) used and several reports and interviews with NM NG personnel that stated weapons were NOT fired during training, NMED has chosen to be "conservative" and believe a single report which contained a typo stating "weapons were fired"	