TABLE 1.
2015 WMU STATUS AND GROUNDWATER MONITORING NETWORK[1]

		2015 MONITORING WELL NETWORK		
WMU NO.	**WMU NAME**	**UPGRADIENT**	**DOWNGRADIENT**	**OPERATIONAL STATUS**
3	Pond 15S	165	113, 115, 166	RCRA closure completed November 2004 and certified January 2005.
5	Slag Pit Sump	121/121A	108/108A, 122, 123	RCRA closure completed October 2005 and certified December 2005.
7	Pond 8S	158, 183	155, 156, 157	RCRA closure completed October 1999 and certified December 1999.
8	Phase IV Ponds	167	104, 114, 131, 168	RCRA closure completed November 2004 and certified January 2005.
9	Pond 9E	124, 113	126, 127, 128	RCRA closure completed December 2000 and certified January 2001.
10	Pond 16S	154	147, 148, 149	RCRA closure completed November 2004 and certified January 2005.
11	Pond 8E	167	104, 114, 131, 168	RCRA closure completed November 2004 and certified January 2005.
14	Pond 17	173	171, 172, 180	RCRA closure completed November 2005 and certified December 2005.
15	Pond 18 Cell A	174	154, 177, 178	RCRA closure (Cell A closure in-place and Cell B closure by removal) completed November 2005 and certified December 2005[2].

[1]This table presents the current RCRA groundwater monitoring network as of fourth quarter 2015.
[2]Wells 175 and 176 were a part of the Pond 18 Cell A and Cell B network until closure was completed/certified. FMC continued to monitor these wells through 2008 and then discontinued monitoring beginning in 2009. Pond 18 Cell A groundwater monitoring continues pursuant to the Pond 18 Cell A Post Closure Plan.

TABLE 2.
GROUNDWATER LEVELS - 2015

Well	Groundwater Elevation in Feet Above Mean Sea Level			
Designation	February-15	May-15	August-15	November-15
RCRA Network Wells				
104	4396.27	4395.14	4395.19	4396.33
108	Extension in progress		Abandoned	
108A	Extension in progress			
113	4396.18	4394.58	4395.19	4396.40
114	Extension in progress			
115	Extension in progress			
121	Extension in progress		Abandoned	
121A	Extension in progress			
122	Extension in progress			
123	Extension in progress			
124	4396.28	4394.67	4395.38	4396.55
126	4395.96	4394.25	4395.07	4396.21
127	4395.92	4394.19	4395.00	4396.18
128	4395.94	4394.22	4394.99	4396.18
131	4395.87	4394.50	4394.84	4396.05
147	4396.58	4394.99	4395.71	4396.90
148	4396.47	4394.83	4395.58	4396.79
149	4396.48	4394.90	4395.57	4396.76
154	4396.89	4395.31	4396.03	4397.21
155	Extension in progress			
156	4396.00	4394.90	4395.02	4396.15
157	Extension in progress			
158	4396.79	4395.82	4395.80	4396.91
165	4396.36	4395.00	4395.31	4396.55
166	4395.93	4394.32	4394.91	4396.10
167	4397.42	4396.67	4396.19	4397.28
168	Extension in progress			
171	4396.45	4395.06	4395.50	4396.73
172	Extension in progress			
173	4397.23	4395.71	4396.30	4397.50
174	4397.46	4396.05	4396.61	4397.76
177	4397.18	4395.65	4396.35	4397.49
178	4397.10	4396.06	4396.08	4397.04
180	Extension in progress			
183	4397.14	4396.15	4396.12	4397.27

TABLE 2.
GROUNDWATER LEVELS - 2015

Well Designation	Groundwater Elevation in Feet Above Mean Sea Level			
	February-15	May-15	August-15	November-15
Calciner Pond Network Wells				
136	Extension in progress			
142	4416.71	4416.12	4415.72	4415.97
143	4392.55	4391.39	4391.32	4392.40
161	4556.47	4556.22	4555.74	4555.33
164	4424.06	4423.19	4421.88	4421.38
189	4391.70	4390.26	4390.00	4391.10
190	4393.25	4392.16	4391.81	4392.92
CERCLA Network Wells				
110	4384.16	4383.80	4383.96	4384.25
111	4392.22	4391.13	4391.49	4392.41
134	Extension in progress			
139	4395.68	4394.11	4394.64	4395.84
145	Extension in progress			
146	4389.36	4388.52	4388.78	4389.49
159	Extension in progress			
502	4384.11	4383.75	4383.90	4384.19
515	4392.79	4391.58	4392.12	4393.09
517	4383.95	4383.60	4383.76	4384.04
523	4395.81	4394.03	4394.74	4396.15
524	4382.54	4382.37	4382.42	4382.63
525	4382.58	4382.42	4382.48	4382.69
TW-11S	4383.67	4383.37	4383.50	4383.76
TW-12S	4383.89	4383.57	4383.71	4383.98
TW-9S	4385.25	4384.86	4385.02	4385.35
Other Site-Wide Wells				
101	4396.51	4395.20	4395.36	4396.56
102	4396.48	4395.16	4395.37	4396.60
103	4396.42	4395.32	4395.35	4396.52
106	4395.14	4394.00	4394.19	4395.32
107	Extension in progress			
109	4389.80	4388.75	4389.49	4390.05
112	4394.82	4393.39	4394.01	4395.10
116	Abandoned			
120	4395.85	4394.77	4394.91	4396.04
125	4395.94	4394.10	4394.98	4396.19
130	Abandoned			
133	Extension in progress			
135	Abandoned			
137	Abandoned			
140	Abandoned			

TABLE 2.
GROUNDWATER LEVELS - 2015

Well	Groundwater Elevation in Feet Above Mean Sea Level			
Designation	**February-15**	**May-15**	**August-15**	**November-15**
141	Extension in progress			
144	4391.33	4390.12	4390.23	4391.15
151	Extension in progress			
169	4397.54	4396.50	4396.28	4397.48
170	Abandoned			
175	4397.30	4395.86	4396.51	4397.61
176	4396.96	4395.43	4396.14	4397.27
179	Abandoned			
181	Abandoned			
182	Abandoned			
191	4418.40	4418.42	4418.21	4418.10
501	4394.14	4392.73	4393.29	4394.43
503	4383.44	4383.11	4383.25	4383.57
505	4383.78	4383.42	4383.60	4383.90
514	4394.97	4393.37	4394.08	4395.30
516	4384.78	4384.36	4384.54	4384.86
518	4383.73	4383.40	4383.54	4383.82
TW-5D	Abandoned			
TW-5I	Abandoned			
TW-5S	Abandoned			
Springs				
BATISTE SPRING	4381.90	4381.81	4381.96	4382.25
SPRING @ BATISTE RD	4381.74	4381.50	4381.73	4382.04

* Elevations are in Feet
Above Mean Sea Level
Extension in progress indicates no water level measurement recorded; temporary lack of access due to casing extension being installed as required by CERCLA remedial action activities.

TABLE 3
SUMMARY OF STATISTICAL ANALYSES RESULTS - 2015

WMU #	Downgradient Well #	Test 1 Are median concentrations in downgradient wells significantly greater than in upgradient wells?			Test 2 Is the 2015 mean higher than the Pre-2015 mean for individual downgradient wells?			Test 3 Are median concentrations in downgradient wells increasing?		
		Arsenic	Fluoride	Selenium	Arsenic	Fluoride	Selenium	Arsenic	Fluoride	Selenium
3	113	Y	Y	N	N	N	N	N	N	NA
	115				Y	Y	N			
	166				N	N	Y			
5	108/108A	Y	N	Y	N	N	Y	NA	NA	N
	122				N	N	Y			
	123				N	Y	N			
7	155	Y	N	N	N	N	N	NA	NA	NA
	156				N	Y	N			
	157				N	N	N			
8 and 11	104	Y	Y	Y	N	N	N	NA	N	N
	114				N	Y	N			
	131				N	N	N			
	168				N	N	Y			
9	126	N	N	Y	N	N	N	NA	NA	N
	127				N	Y	Y			
	128				N	Y	N			
10	147	Y	N	Y	N	N	N	NA	NA	NA
	148				N	N	N			
	149				N	N	N			
14	171	Y	N	N	N	N	N	NA	NA	NA
	172				N	Y	N			
	180				N	Y	N			
15	154	Y	N	N	N	Y	N	NA	NA	NA
	177				N	Y	N			
	178				N	N	N			

Y - Yes; N - No; U = Pre-2015 and/or 2015 mean not calculated due to non-detect results
NA = not applicable (Test 3 not performed due to results of Test 1 and/or Test 2).