

EXHIBIT L

Commonwealth of Pennsylvania
Department of Mines and Mineral Industries

MD Pollution Abatement Measures for the Beech Creek Watershed

DESIGN AVERAGE MD IRON QUANTITIES IN ORDER OF MAGNITUDE

<u>Rank</u>	<u>Discharge Point (1)</u>	<u>Iron lbs/day</u>	<u>Cumulative Iron lbs/day</u>	<u>Percent of Total Iron</u>
1	129	933.00	933.00	28.7
2	11	557.00	1,490.00	45.8
3	93	400.00	1,890.00	58.2
4	112	311.00	2,201.00	67.7
5	105	245.00	2,446.00	75.3
6	60	125.00	2,571.00	
7	126	100.00	2,671.00	
8	131	93.20	2,764.20	
9	111	39.90	2,804.10	
10	46	39.00	2,843.10	
11	174	38.80	2,881.90	
12	151	25.90	2,907.80	
13	113	21.20	2,929.00	90.1
14	67	18.10	2,947.10	
15	125	17.70	2,964.80	
16	86	17.60	2,982.40	
17	78	16.20	2,998.60	
18	122	14.60	3,013.20	
19	85	14.50	3,027.70	
20	107	14.50	3,042.20	
21	137	11.50	3,053.70	
22	152	11.30	3,065.00	
23	127	9.70	3,074.70	
24	144	9.09	3,083.79	94.9
25	97	7.36	3,091.15	
26	5	7.27	3,098.42	
27	183	7.27	3,105.69	
28	140	7.13	3,112.82	
29	47	6.47	3,119.29	
30	9	5.70	3,124.99	
31	42	5.50	3,130.49	
32	15	4.88	3,135.37	
33	128	4.85	3,140.22	
34	180	4.85	3,145.07	
35	80	4.05	3,149.12	
36	79	3.87	3,152.99	
37	138	3.74	3,156.73	

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<u>Rank</u>	<u>Discharge Point (1)</u>	<u>Iron lbs/day</u>	<u>Cumulative Iron lbs/day</u>	<u>Percent of Total Iron</u>
38	23	3.24	3,159.97	
39	156	3.24	3,163.21	
40	158	3.24	3,166.45	
41	119	3.03	3,169.48	
42	124	2.92	3,172.40	
43	166	2.84	3,175.24	
44	110	2.78	3,178.02	
45	171	2.67	3,180.69	
46	48	2.59	3,183.28	
47	155	2.59	3,185.87	
48	179	2.31	3,188.18	
49	108	2.26	3,190.44	
50	87	2.07	3,192.51	
51	150	2.06	3,194.57	
52	170	2.01	3,196.58	
53	135	1.94	3,198.52	
54	37	1.92	3,200.44	
55	146	1.82	3,202.26	
56	178	1.81	3,204.07	
57	154	1.70	3,205.77	
58	12	1.56	3,207.33	
59	34	1.45	3,208.78	
60	84	1.45	3,210.23	
61	139	1.45	3,211.68	
62	130	1.43	3,213.11	
63	182	1.43	3,214.54	
64	69	1.36	3,215.90	
65	72	1.30	3,217.20	99.0
66	65	1.29	3,218.49	
67	123	1.25	3,219.74	
68	120	1.21	3,220.95	
69	89	1.17	3,222.12	
70	95	1.17	3,223.29	
71	18	1.10	3,224.39	
72	16	1.02	3,225.41	
73	45	0.97	3,226.38	
74	157	0.91	3,227.29	
75	164	0.87	3,228.16	
76	41	0.82	3,228.98	
77	61	0.81	3,229.79	
78	83	0.81	3,230.60	
79	35	0.78	3,231.38	
80	167	0.73	3,232.11	
81	147	0.71	3,232.82	
82	57	0.65	3,233.47	
83	181	0.60	3,234.07	
84	51	0.58	3,234.65	
85	52	0.58	3,235.23	
86	58	0.58	3,235.81	
87	169	0.57	3,236.38	
88	26	0.53	3,236.91	

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<u>Rank</u>	<u>Discharge Point (1)</u>	<u>Iron lbs/day</u>	<u>Cumulative Iron lbs/day</u>	<u>Percent of Total Iron</u>
89	8	0.52	3,237.43	
90	13	0.49	3,237.92	
91	20	0.49	3,238.41	
92	100	0.49	3,238.90	
93	173	0.49	3,239.39	
94	104	0.44	3,239.83	
95	118	0.43	3,240.26	
96	68	0.41	3,240.67	
97	162	0.41	3,241.08	
98	133	0.40	3,241.48	
99	6	0.36	3,241.84	
100	99	0.36	3,242.20	
101	7	0.35	3,242.55	
102	55	0.34	3,242.89	
103	44	0.29	3,243.18	
104	49	0.29	3,243.47	
105	59	0.29	3,243.76	
106	101	0.29	3,244.05	
107	33	0.26	3,244.31	
108	81	0.26	3,244.57	
109	94	0.26	3,244.83	
110	168	0.25	3,245.08	
111	19	0.24	3,245.32	
112	53	0.23	3,245.55	
113	115	0.23	3,245.78	
114	82	0.22	3,246.00	
115	63	0.19	3,246.19	
116	159	0.19	3,246.38	
117	4	0.18	3,246.56	
118	43	0.17	3,246.73	
119	29	0.16	3,246.89	
120	141	0.16	3,247.05	
121	163	0.16	3,247.21	
122	25	0.13	3,247.34	
123	40	0.12	3,247.46	
124	62	0.12	3,247.58	
125	136	0.12	3,247.70	
126	54	0.10	3,247.80	
127	76	0.10	3,247.90	
128	88	0.10	3,248.00	
129	121	0.10	3,248.10	
130	149	0.10	3,248.20	
131	145	0.09	3,248.29	
132	175	0.09	3,248.38	
133	184	0.09	3,248.47	
134	90	0.08	3,248.55	
135	148	0.08	3,248.63	
136	56	0.07	3,248.70	
137	106	0.07	3,248.77	
138	134	0.07	3,248.84	
139	91	0.06	3,248.90	

<u>Rank</u>	<u>Discharge Point (1)</u>	<u>Iron lbs/day</u>	<u>Cumulative Iron lbs/day</u>	<u>Percent of Total Iron</u>
140	114	0.06	3,248.96	
141	117	0.06	3,249.02	
142	132	0.06	3,249.08	
143	177	0.06	3,249.14	
144	21	0.05	3,249.19	
145	36	0.05	3,249.24	
146	96	0.05	3,249.29	
147	160	0.05	3,249.34	
148	176	0.05	3,249.39	
149	32	0.04	3,249.43	
150	66	0.04	3,249.47	
151	143	0.04	3,249.51	
152	50	0.03	3,249.54	
153	70	0.03	3,249.57	
154	172	0.03	3,249.60	
155	1	0.02	3,249.62	
156	22	0.02	3,249.64	
157	39	0.02	3,249.66	
158	64	0.02	3,249.68	
159	77	0.02	3,249.70	
160	116	0.02	3,249.72	
161	142	0.02	3,249.74	
162	153	0.02	3,249.76	
163	28	0.01	3,249.77	
164	38	0.01	3,249.78	
165	75	0.01	3,249.79	
166	165	0.01	3,249.80	
167	2	0.00	3,249.80	
168	3	0.00	3,249.80	
169	10	0.00	3,249.80	
170	14	0.00	3,249.80	
171	17	0.00	3,249.80	
172	24	0.00	3,249.80	
173	27	0.00	3,249.80	
174	30	0.00	3,249.80	
175	31	0.00	3,249.80	
176	71	0.00	3,249.80	
177	73	0.00	3,249.80	
178	74	0.00	3,249.80	
179	92	0.00	3,249.80	
180	98	0.00	3,249.80	
181	102	0.00	3,249.80	
182	103	0.00	3,249.80	
183	109	0.00	3,249.80	
184	161	0.00	3,249.80	100.0

(1) See Plates III-A and III-B for location of MD Discharge Points.