American Energy Corporation
Century Mine

Weekly Pond Monitoring D-1159

POND	DATE	FLOW	pH	COMMENTS
001	12-3-10	—		MK
002		—		
011		38,000	7.96	
018A		—		

POND	DATE	FLOW	pH	COMMENTS
001	12-10-10	—		MeL.
002		—		
011		21,250	8.38	
018A		—		

POND	DATE	FLOW	pH	COMMENTS
001	12-16-10	540 GPd	8.03	SAMPLED (Monthly) MK
002		—		
011		—	—	NO FLOW
018A		—		

POND	DATE	FLOW	pH	COMMENTS
001	12-23-10	—	—	MeL
002		—	—	
011		22,500	7.60	
018A		—	—	

001	12-31-10	—		
002		—		
011		45,500	8.22	MK
018A		—		

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OUTFALL: 011

MONTH OF: Dec. 2010 D-0425

DAY	TIME	INITIALS	FLOW (MGD)	pH	SAMPLE TAKEN Y/N	COMMENTS
1	1408	MK	42650	7.01	N	
2	1220	MK	42,500	7.05	N	
3	1121	MeLu,N	38,000	7.96	N	
4	1010	MeLu,N	42500	7.98	N	
5	0942	MeLu,N	42,500	7.94	N	
6	1135	MK	10,800	7.91	N	
7	1200	MK	10,200	8.23	Y	Binkly
8	1120	MK	21,250	8.41	N	
9	1250	MK	24,320	8.40	N	
10	1110	MeL	21,250	8.38	N	
11	1025	TD	22,420	8.30	N	
12	0907	TD	38,940	8.01	N	
13	1324	MK	No Flow	—	—	
14	1141	MK	No Flow	—	—	
15	1107	MK	No Flow	—	—	
16	0920	MK	No Flow	—	—	
17	1130	MK	No Flow	—	—	
18	0938	MeL	No Flow	—	—	
19	0945	MeL	No Flow	—	—	
20	1215	MK	No Flow	—	—	
21	1115	MK	10,250	8.34	Y	Binkly Sample
22	1127	TD	22,500	8.41	N	
23	1015	MeL	22,500	7.60	N	
24	0600	MeL	22,500	8.14	N	
25	0943	JS.	22,750	7.63	N	
26	0952	JS.	24810	8.20	N	
27	1002	JS	22452	1002	NO	
28	1032	MeL.	22.500	7.97	NO	
29	1255	MK	38,500	8.26	NO	
30	1628	MK	40,450	8.22	N	
31	1136	MK	45,500	8.22	N	

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OUTFALL: 008

MONTH OF: Dec. 2010 D-0425

DAY	TIME	INITIALS	FLOW (~~MGD~~ GPD)	pH	SAMPLE TAKEN Y/N	COMMENTS
1	1311	MK	125,000	6.45	N	
2	1142	MK	105,000	6.96	N	
3	1031	Melvin	88,350	7.57	N	
4	0904	Melvin	88350	7.71	N	
5	0830	Melvin	75280	8.11	N	
6	1100	MK	82,500	8.53	Y	Biwkly.
7	1115	MK	84,500	8.50	N	
8	1110	MK	102,950	8.34	N	
9	1220	MK	102,500	8.20	N	
10	0950	MeL	102,950	7.24	N	
11	1153	TD.	102,120	7.21	N	
12	1013	TD.	131580	7.43	N	
13	0900	MK	108,000	7.05	N	
14	0944	MK	79,820	8.52	N	
15	1030	MK	94,700	8.62	N	
16	1005	MK	103,500	8.61	N	
17	0910	MK	101,000	8.58	N	
18	0915	MeL.	103,500	8.72	N	
19	0915	MeL	101,000	8.73	N	
20	0912	MK	100500	8.64	Y	Biwkly Sample
21	1040	MK	86,400	8.05	N	
22	1012	TD	52,683	8.40	N	
23	0945	MeL	52,680	8.35	N	
24	0538	MeL	52,680	8.63	N	
25	0948	SS	51,990	8.59	N	
26	0940	SS.	52,310	9.01	N	
27	1015	SS	52,110	9.12	N	
28	1014	MeL	52,680	8.42	N	
29	1310	MK	76,450	8.22	N	
30	1616	MK	79,500	8.20	N	
31	1058	MK	79,250	8.37	N	

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OUTFALL: 013

MONTH OF: Dec. 2010 D-0425

DAY	TIME	INITIALS	FLOW (~~MGD~~)GPD	pH	SAMPLE TAKEN Y/N	COMMENTS
1	1445	MK	—	—	—	
2	1330	MK	—	—	—	
3	1133	Melvin	—	—	—	
4	0942	Melvin	—	—	—	
5	0915	Melvin	—	—	—	
6	1322	MK	—	—	—	
7	1318	MK	—	—	—	
8	1220	MK	No Flow		—	
9	1310	MK				
10	1100	MeL				
11	1330	TD.				
12	0645	TD.				
13	1420	MK				
14	1025	MK				
15	1228	MK				
16	1125	MK				
17	1020	MK				
18	0950	MeL				
19	1020	MeL				
20	1140	MK				
21	1256	MK				
22	1224	TD.				
23	1103	MeL				
24	0638	MeL				
25	0900	JS.				
26	0928	JS.				
27	0924	JS.				
28	1145	MeL.				
29	1338	MK				
30	1640	MK				
31	1235	MK				

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OUTFALL: 015

MONTH OF: Dec. 2010 D-0425

DAY	TIME	INITIALS	FLOW (~~MGD~~) GPD.	pH	SAMPLE TAKEN Y/N	COMMENTS
1	1220	MK	28800	4.08	N	
2	1120	MK	28,800	6.08	N	
3	0952	Melvin	10,800	6.70	N	
4	0935	Melvin	10,800	6.74	N	
5	0907	Melvin	10,800	6.86	N	
6	1221	MK	9,500	7.04	N	
7	1100	MK	17,280	7.48	N	
8	1060	MK	5,020	7.48	N	
9	1120	MK	14,400	8.30	N	
10	1025	MeL	8900	8.30	N	
11	0959	TD	5184	8.39	N	
12	0630	TD	9259	8.54	Y	Biwkly Sample
13	1230	MK	14,200	7.97	N	
14	1004	MK	9,200	8.19	N	
15	1000	MK	14,250	8.69	Y	Biwkly Sample
16	1028	MK	12,680	8.59	N	
17	0948	MK	1,020	8.18	N	
18	0908	MeL	5,400	8.70	N	
19	0857	MeL	3,600	8.74	N	
20	1021	MK	5400	8.57	N	
21	1150	MK	5400	8.68	N	
22	1158	TD.	5610	8.60	N	
23	0928	MeL.	3,600	8.43	N	
24	0515	MeL.	5,610	8.08	N	
25	0913	JS.	3,600	8.39	N	
26	0900	JS.	3,590	9.04	N	
27	0940	JS	2,160	8.97	N	
28	0951	MeL.	5,400	8.20	N	
29	1317	MK	2,250	8.40	N	
30	1610	MK	5,400	7.92	N	
31	1025	MK	5,400	7.92	N	

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OUTFALL: 002

MONTH OF: Dec. 2010 D-0425

DAY	TIME	INITIALS	FLOW (~~MGD~~) GPd.	pH	SAMPLE TAKEN Y/N	COMMENTS
1	1356	MK	28,800	7.39	N	
2	0808	MK	3,085	7.17	Y	Biwkly. Sample
3	1215	melvin	900	7.54	N	
4	1030	Melvin	3800	7.59	N	
5	1010	Melvin	22,410	7.62	N	
6	1400	MK	21,220	7.48	N	
7	1215	MK	845	7.50	N	
8	1145	MK	1,850	8.05	N	
9	1344	MK	10,200	8.13	N	
10	1125	Melvin	21,500	8.11	N	
11	1100	JS. TD	22,420	8.13	N	
12	0715	TD	29,980	8.09	N	
13	1500	MK	18,240	8.16	N	
14	1249	MK	3,600	8.03	N	
15	1305	MK	540	7.77	Y	Biwkly Sample
16	1325	MK	1,800	7.84	N	
17	1200	MK	910	7.81	N	
18	1025	Mel	270	7.80	N	
19	1045	MeL	—	—	—	No Flow
20	1227	MK	120	7.83	N	
21	1210	MK	105	7.91	N	
22	1302	TD	10,384	8.45	N	
23	1038	MeL	1,800	8.40	N	
24	0655	MeL	270	8.26	N	
25	0930	JS	1,963	7.42	N	
26	1012	JS	640	8.03	N	
27	0955	JS	5,400	8.19	N	
28	1050	MeL	21,600	7.88	N	
29	1244	MK	14,850	8.16	N	
30	1700	MK	18,200	8.13	N	
31	1300	MK	28,800	7.79	N	

American Energy Corporation
Century Mine
OUTFALL: 014

MONTH OF: Dec. 2010 D-0425

DAY	TIME	INITIALS	FLOW (~~MGD~~)GPD	pH	SAMPLE TAKEN Y/N	COMMENTS
1	1420	MK	—	—	—	
2	1348	MK	—	—	—	
3	1154	Melvin	—	—	—	
4	0955	Melvin	—	—	—	
5	0925	Melvin	—	—	—	
6	1258	MK	—	—	—	
7	1255	MK	—	—	—	
8	1237	MK	NO	Flow		
9	1321	MK				
10	1045	MeL				
11	1130	TD.				
12	1120	TD.				
13	1351	MK				
14	1220	MK				
15	1248	MK				
16	1215	MK				
17	1045	MK				
18	0958	MeL				
19	1005	MeL.				
20	1103	MK				
21	1238	MK				
22	1240	TD.				
23	1045	MeL				
24	0615	MeL				
25	1020	SS.				
26	0912	SS				
27	0910	SS				
28	1100	MeL				
29	1352	MK				
30	1648	MK				
31	1221	MK				