INVOICED

TRA-DET INC.
P.O. BOX 2019
WHEELING, WV 26003-0219
(304) 547-8094
FAX: (304) 547-8097

LABORATORY ANALYSES

SHIPPING ADDRESS
2596 BATTLE RUN ROAD
TRIADELPHIA, WV 26059-9309

American Energy Corporation
Century Mine
43521 Mayhugh Hill Road Twp. Hwy. 88
Beallsville, OH 43716
Attn: Mr. Fred Blumling

26-Jun-09

By: William Simpson
TraDet, Inc.

Company:	American Energy Corporation	Sampled By:	QES (WD)
Plant:	Century Mine	Date & Time Sampled:	06-05-09 0951
Source:	D-0425 Pond 013	Date & Time Received:	06-05-09 1330
Analysis Number:	0906194		

PARAMETER	CONCENTRATION		DATE & TIME ANALYZED	ANALYST	METHOD		PQL	
pH, Field	7.8	S.U.	06-05-09 0951	QES (WD)				
pH, Lab*	7.87	S.U.	06-09-09 0750	TW	4500HB	[2]		
Specific Conductance, Lab	8880	µmhos/cm	06-18-09 1625	LW	120.1	[3]	10.00	µmhos/cm
Total Dissolved Solids	6860	mg/L	06-06-09 1015	MM	2540C	[2]	10	mg/L
Total Suspended Solids	<10	mg/L	06-06-09 1015	MM	2540D	[2]	10	mg/L
Iron	0.2	mg/L	06-11-09-1744	TW	3111B	[1]	0.1	mg/L
Manganese	1.5	mg/L	06-11-09-1744	TW	3111B	[1]	0.02	mg/L

*Analysis surpassed recommended holding time upon arrival
PQL: Practical Quantitation Limit
[1] Standard Methods, 18th Edition [2] Standard Methods, 20th Edition [3] US EPA [4] ASTM [5] EPA SW846

Chain Of Custody Record

Customer Name: American Energy Corporation - Century Mine
Address: 43521 Mayhugh Hill Road Twp. Hwy. 88
Beallsville, OH 43716

Person to Contact: FRED BLUMLING
Billing Address: Same
Date of Sample Shipment: 6-5-09
How Shipped: [illegible] TO [illegible] AT MINE, PICK UP BY [illegible]

724-255-4691 AEC - Century
740-782-1767 QES
740-782-1905 QES FAX
304-547-9094 TRADET LAB
304-547-9097 TRADET FAX
Sampler: Quality Environmental Services, Inc. (QES)

SAMPLE LOG AND ANALYSIS REQUEST

Lab Use: Lab #	Sample Identification	Containers # and Type	Date	Time	pH / DO	Analysis Requested
[illegible]	D-0825 Pond 02	1-500 ml w/ [illegible] HNO3	6-5	0952	8.6	Monthly
[illegible]	D-0825 Pond 08			0925	8.3	
[illegible]	D-0825 Pond 01			0910	8.5	
[illegible]	D-0825 Pond 03			0951	7.8	
[illegible]	D-0825 Pond 05			1010	8.5	

Relinquished by: (signature) [illegible] Date & Time: 6-5 @ 1200
Relinquished by: (signature) [illegible] Date & Time: 6/5 - 13:09
Received for laboratory by: (signature) [illegible] Date & Time:
Received in laboratory by: (signature) [illegible] Date & Time: 6/5 1330

Comments:

Preservative Check
Received On Ice Y / N
Temperature Upon Arrival °C