INVOICED

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

SHIPPING ADDRESS
2596 BATTLE RUN ROAD
TRIADELPHIA, WV 26059-9609

LABORATORY ANALYSES

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

13-Jul-09

By: William Thagard
TraDet, Inc.

Company:	American Energy Corporation	Sampled By:	QES (WD)
Plant:	Century Mine	Date & Time Sampled:	06-25-09 1010
Source:	D-1159 Pond 001	Date & Time Received:	06-26-09 0830
Analysis Number:	0906733		

PARAMETER	CONCENTRATION		DATE & TIME ANALYZED	ANALYST	METHOD		PQL	
pH, Field	8.1	S.U.	06-25-09 1010	QES (WD)				
pH, Lab*	8.24	S.U.	06-29-08 0845	MM	4500HB	[2]		
Specific Conductance, Lab	7480	µmhos/cm	07-01-09 1130	LW	120.1	[3]	10.00	µmhos/cm
Total Dissolved Solids	4780	mg/L	06-27-09 1115	MM	2540C	[2]	10	mg/L
Total Suspended Solids	<10	mg/L	06-27-09 1115	MM	2540D	[2]	10	mg/L
Iron	0.1	mg/L	07-06-09 1400	TW	3111B	[1]	0.1	mg/L
Manganese	0.03	mg/L	07-06-09 1400	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

2 . 6

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: 6-25-09
How Shipped: QES TO FRIDGE AT MINE PICKED UP BY LAB

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-1159 Pond 001	1-500 ml NP 1-125 ml HNO3	6-25	1010	8.1	MONTHLY
[illegible]	D-1159 Pond 002	1 1	1	1130	8.0	MONTHLY

Relinquished by: (signature) [illegible] Date & Time: 6-25@1155
Relinquished by: (signature) Date & Time:
Received for laboratory by: (signature) [illegible] Date & Time: 6-26 @ 1:00
Received in laboratory by: (signature) [illegible] Date & Time: 6/26 [illegible]
Comments:

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