INVOICED

TRA-DET INC.
P.O. BOX 2019
WHEELING, WV 26003-0219
(304) 547-9094
FAX: (304) 547-9097

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

10-Jul-09

By: William Dougan
TraDet, Inc.

Company:	American Energy Corporation	Sampled By:	QES (WD)
Plant:	Century Mine	Date & Time Sampled:	06-16-09 1540
Source:	D-0425 Pond 008	Date & Time Received:	06-17-09 0920
Analysis Number:	0906554		

PARAMETER	CONCENTRATION		DATE & TIME ANALYZED	ANALYST	METHOD		PQL	
pH, Field	8.0	S.U.	06-16-09 1540	QES (WD)				
pH, Lab*	8.08	S.U.	06-17-09 1310	WB	4500HB	[2]		
Specific Conductance, Lab	8346	µmhos/cm	06-18-09 1625	LW	120.1	[3]	10.00	µmhos/cm
Total Dissolved Solids	6490	mg/L	06-20-09 1120	MM/TW	2540C	[2]	10	mg/L
Total Suspended Solids	<10	mg/L	06-20-09 1120	MM/TW	2540D	[2]	10	mg/L
Iron	0.1	mg/L	07-06-09 1400	TW	3111B	[1]	0.1	mg/L
Manganese	0.46	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

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: 6-16-09
How Shipped: QES TO FRIDGE AT MINE PICKUP 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
6552	D-0425 POND002	1-500 mL NP 1-100 mL HNO3	6-16	1510	8.2	MONTHLY
6553	D-0425 POND 011	↓	↓	1525	8.4	↓
6554	D-0425 POND 008	↓	↓	1540	8.0	↓
6555	D-0425 POND 013	↓	↓	1600	8.1	↓
6556	D-0425 POND 015	↓	↓	1615	8.0	↓

Relinquished by: (signature) Bill Deter — Date & Time: 6-16 @ 1635
Relinquished by: (signature) — Date & Time:
Received for laboratory by: (signature) — Date & Time: 6-17 @ 1615
Received in laboratory by: (signature) L. Wright — Date & Time: 6/17 0920

Comments:

Preservative Check
Received On Ice Y/N
Temperature Upon Arrival 6.2 °C