Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

	Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or equivalent, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Nitrates							Field pH / Field Temp
		End point	10-1-10	8:40am	X		3	P			X										15.4°C 7.86 pH
MONDAY		Total end point		9:00am	X		3	P			X										14.9°C 7.98 pH
		Bridge 2		9:15am	X		3	P			X										15.8°C 8.25 pH
		South OVCC pallet		10:20am	X		3	P			X										16.8°C 8.22 pH
		Alledonia at tributary		10:35am	X		3	P			X										15.9°C 8.21 pH
		Twp. Rd 114		10:55am	X		3	P			X										16.3°C 8.18 pH
		Above spill		12:05pm	X		3	P			X										14.8°C 8.02 pH
TUESDAY																					
WEDNESDAY																					

Relinquished By (Signature): [signature] Date / Time: 10-1-10 12:53pm
Received By (Signature): [signature] Date / Time: 10-1-10 1253

Relinquished By (Signature) Date / Time
Received By (Signature) Date / Time

Relinquished By (Signature) Date / Time
Received By (Signature) Date / Time

Comments: 125 ml contain HNO_3 preservative

	Yes	No
Preservative Check		
Received On Ice	Yes	No
Temperature Upon Arrival		C

AEC 12588

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-Polyethylene or equivalent, G-Glass,	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Nitrogen						Field pH / Field Temp
	Spill Sample 2	10-1-10	1345	X	—	4	P	—		X									Temp 86.0 Sample: 8.39
LAB USE ONLY																			

Relinquished By (Signature) Terry Daft 10-1-10 / 1016 Date / Time
Received By (Signature) Date / Time
Relinquished By (Signature) Date / Time
Received By (Signature) Date / Time
Relinquished By (Signature) Date / Time
Received By (Signature) Date / Time

Comments: 1-125 mL W/HNO3
3-500 mL NP

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature upon Arrival		°

AEC 12589

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or equivalent, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY						Field pH / Field Temp
	Piney Creek	10-1-10	1:00pm	X						X								15.3°C 8.24 pH
	above spill		12:05pm	X						X								~~14.8°C~~ Avg 8.07 pH
	Bridge 2		1:20pm	X						X								14.8°C 8.07 pH
	South OVC spillway		2:15pm	X						X								19.3°C 8.42 pH
	Allendale at tributary		2:35pm	X						X								17.6°C 8.34 pH
	Twp. Rd 114		2:50pm	X						X								16.7°C 8.26 pH
										X								18.7°C 8.31 pH

Comments:

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
[signature]	10-1-10 4:00pm		

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature Upon Arrival		°C

AEC 12590

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or equivalent, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	NPDES					Field pH / Field Temp
	above spill	10-1-10	4:30pm	X		3				X								15.8°C 8.12pH
	Piney Creek		4:50pm	X		3				X								17.7°C 8.32pH
	Bridge 2		5:20pm	X		3				X								19.0°C 8.42pH
	South OVCC outlet		5:35pm	X		3				X								18.9°C 8.36pH
	Alledonia at tributary		5:50pm	X		3				X								18.4°C 8.19pH
	Twn. Rd. 114		6:05pm	X		3				X								18.8°C 8.35pH

Matt [illegible] 10-1-10 7:30pm
Relinquished By (Signature) Date / Time | Received By (Signature) Date / Time

Relinquished By (Signature) Date / Time | Received By (Signature) Date / Time

Relinquished By (Signature) Date / Time | Received By (Signature) Date / Time

Comments:

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature Upon Arrival		C

AEC 12591

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Stan Piasecki
Telephone No: 740-310-9725
Reports to: Stan Piasecki
e-mail:
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or equivalent, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY							pH	Field pH / Field Temp Temp
	ABOVE SPILL	10-1-10	8:05 Am	✓		3	P			✓									7.96	16.4°
	AT PINEY CREEK	↓	8:22 Am	✓		3	P			✓									8.06	16.1°
	BRIDGE 2		8:35 Am	✓		3	P			✓									8.35	17.3°
	ALLEGANY ST BRIDGE		9:05 Am	✓		3	P			✓									8.24	17.5°
	SOUTH DUCE PULLOFF		8:50 Am	✓		3	P			✓									8.32	18.2°
	TWN. RD 114	↓	9:22 Am	✓		3	P			✓									8.32	18.0°

Comments:

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Melissa Kuzini	10-1-10 0215		
Relinquished By (Signature	Date / Time	Received By (Signature)	Date / Time
Relinquished By (Signature	Date / Time	Received By (Signature)	Date / Time

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature Upon Arrival		°

AEC 12592

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Bealisville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or equivalent, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Nitrates						pH	Field pH / Field Temp TEMP
	ABOVE SPILL	10-2-10	12:03 AM	✓		3	P			✓									8.02	14.9°C
LAB USE ONLY	PINEY CREEK		12:17 AM	✓		3	P			✓									7.99	13.5°C
	BRIDGE 2		12:33 AM	✓		3	P			✓									8.30	15.9°C
	South over pull off		12:47 AM	✓		3	P			✓									8.25	16.3°C
	Allsdown at Tributary		1:04 AM	✓		3	P			✓									8.20	16.7°C
	Twp Rd 114		1:28 AM	✓		3	P			✓									8.23	16.0°C

Relinquished By (Signature): Melissa Kiser — Date / Time: 10-2-10 0215
Received By (Signature) — Date / Time:

Relinquished By (Signature) — Date / Time:
Received By (Signature) — Date / Time:

Relinquished By (Signature) — Date / Time:
Received By (Signature) — Date / Time:

Comments:

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature Upon Arrival		°

AEC 12593

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or cap/bottle, G-glass,	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Mileage					Field pH / Field Temp	
	Above Spill	10-2-10	0806	X	—	3	P	—		X								11.9c Temp	Sampler 7.38 pH
	AT Piney Creek		0835															11.0c	7.90
	Bridge 2		0845															14.4c	8.08
	South OVCC Pull off		0903															13.7c	8.18
	Allegheny at Tributary		0919															14.4c	8.00
	TWP 114		0933															13.7c	8.14

Relinquished By (Signature) Tony [illegible] 10-2-10 / 1016 Date / Time | Received By (Signature) Date / Time

Relinquished By (Signature) Date / Time | Received By (Signature) Date / Time

Relinquished By (Signature) Date / Time | Received By (Signature) Date / Time

Comments: 6-125 mL w/HNO3
6-500 mL n/p
6-1000 mL n/p

	Yes	No
Preservative Check		
Received on Ice	Yes	No
Temperature upon Arrival		c

AEC 12594

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or cardboard, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY				Field pH / Field Temp	
	Above Spill	10-2-10	0415	X	—	3	P	—		X						13.0c Sampled.	7.56
	AT Piney Creek		0442													16.7c	7.84
	Bridge 2		0503													14.9c	8.31
	South OVCC Pillar		0520													14.6c	8.11
	Allegania at Tributary		0534													16.7c	8.06
	Twp. Rd. 114		0550													14.5c	8.18

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Terry Davidson	10-2-10 / 0632		
Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time

Comments: 6-125 mL w/HNO3
6-500 mL N/P
6-1000 mL N/P

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature upon Arrival		°

AEC 12595

Client: *American Energy Corporation*
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmbzena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: a. polyethylene or equivalent, b. glass,	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Nitrates					Field pH / °C Field Temp	pH
	Above Spill	10-2-10	1230	X		3				X								12.6	7.45
	Piney Creek		1255	X		3				X								13.3	8.03
	Bridge 2		1310	X		3				X								19.0	8.46
	South OVCC Pulloff		1337	X		3				X								16.1	8.31
	Alledonia at Hinkley		1350	X		3				X								15.6	8.21
	Twp Rd 114		1415	X		3				X								17.2	8.20

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
[signature]	10/2/10 1454		
Relinquished By (Signature	Date / Time	Received By (Signature)	Date / Time
Relinquished By (Signature	Date / Time	Received By (Signature)	Date / Time

Comments:
6-1000 ml
6-500 ml
6-125 ml

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature upon Arrival		°

AEC 12596

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or equivalent, G-glass,	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Nitrates						Field pH / Field Temp °C	pH
	Above Spill	10-2-10	1525	X		3				X									12.9	7.98
	At Piney Creek		1550	X		3				X									14.9	8.06
	Bridge 2		1603	X		3				X									19.6	8.45
	South over Pailoff		1618	X		3				X									18.1	8.39
	Alledonia at Mitchelsburg		1630	X		3				X									17.7	8.21
	Twp Rd 114		1645	X		3				X									18.2	8.32

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
[signature]	10-2-10 1701		
Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time

Comments: 6-1000 ml
6-500 ml
6-125 ml

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature upon Arrival		°C

AEC 12597

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P - polyethylene or equivalent, G - glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Microbes						Field pH / Field Temp °C	pH
	Above Spill	10-2-10	1905	X		3				X									13.6	8.09
	At Piney Creek		1915	X		3				X									16.1	7.83
	Bridge 2		1923	X		3				X									18.2	8.41
	South OVCC Pilings		1930	X		3				X									18.4	8.43
	Alledonia At Tributary		1937	X		3				X									17.5	8.18
	Twp Rd 114		1945	X		3				X									18.4	8.33

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
[signature]	10-2-10 1956		
Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time

Comments: 86: 1000 ml
6: 500 ml
6: 125 ml

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature upon Arrival		°

AEC 12598

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P - polyethylene or equivalent, G - glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	Nitrates				Field pH / Field Temp	
	Above Spill	10-3-10	0033	X	—	3	P	—		X							13.7c Sampled	7.30
	At Piney Creek		0046														14.1c	7.85
	Bridge 2		0058														16.3c	8.32
	South OVCC pulloff		0114														16.8c	8.25
	Alledonia at Tributary		0133														16.8c	8.17
	Twin 114		0149														16.6c	8.10

LAB USE ONLY

Relinquished By (Signature) Terry Deeds 10-3-10 / 0213 Date / Time
Received By (Signature) Date / Time
Relinquished By (Signature) Date / Time
Received By (Signature) Date / Time
Relinquished By (Signature) Date / Time
Received By (Signature) Date / Time

Comments: 6-125mL w/HNO3
6-500mL N/P
6-1000mL N/P

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature Upon Arrival		c

AEC 12599

Client: American Energy Corporation
Operation: Century Mine
City, State, Zip: Beallsville Ohio
OHEPA Permit ID:
ODNR Permit ID:

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID:

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

LAB USE ONLY

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P-polyethylene or cryoblank, G-glass	Flow, GPD	WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY							Field pH / Field Temp	
	Above Spill	10-3-10	1044	X	—	3	P	—		X									14.6	6.70
	At Pump House		1056																14.0	7.60
	Bridge 2		1106																16.5	8.32
	South OVCC Pull off		1116																15.6	8.22
	Meadows at Tributary		1128																16.0	8.05
	TWP 114		1149																15.7	8.14

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Terry Dant	10-3-10 / 1205		

Comments: 6-125 mL W/H2SO4
6-500 mL N/P
6-1000 mL N/P

Preservative Check:	Yes	No
Received On Ice	Yes	No
Temperature upon Arrival		°

AEC 12600