

DEC 29 2010

REI Consultants, Inc.

Analytical Results

Date: 20-Dec-10

WV Department of
Environmental Protection

CLIENT: DANNY WEBB CONSTRUCTION

WorkOrder:

Client Sample ID: UP

DateReceived: 12/7/2010

Project:

Collection Date: 12/7/2010 12:00:00 PM

Site ID:

Matrix: LIQUID

Analyses	Result	Units	Qual	MDL	PQL	Date Analyzed
METALS BY ICP						
			E200.7			Analyst: JD
Barium	0.044	mg/L	J	0.0020	0.100	12/9/2010 11:55:33 AM
Iron	0.711	mg/L		0.0100	0.100	12/9/2010 11:55:33 AM
Manganese	0.134	mg/L		0.0010	0.100	12/9/2010 11:55:33 AM
Sodium	2.91	mg/L		0.0500	1.00	12/9/2010 11:55:33 AM
SEMI-VOLATILE RANGE ORGANICS						
			SW8015C			Analyst: TM
TPH (Diesel Range)	ND	mg/L		0.049	0.12	12/16/2010 10:52:40 AM
TPH (Oil Range)	0.18	mg/L	J	0.026	0.30	12/16/2010 10:52:40 AM
Surr: o-Terphenyl	66.7	%REC			51.7-134	12/16/2010 10:52:40 AM
VOLATILE RANGE ORGANICS						
			SW8015C			Analyst: TB
TPH (Gasoline Range)	ND	mg/L		0.210	0.50	12/7/2010 4:25:08 PM
Surr: 2,5-Dibromotoluene	85.0	%REC			32.1-142	12/7/2010 4:25:08 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8021B			Analyst: TB
Benzene	ND	µg/L		0.25	1.0	12/7/2010 4:25:08 PM
Toluene	ND	µg/L		0.41	1.0	12/7/2010 4:25:08 PM
Ethylbenzene	ND	µg/L		0.31	1.0	12/7/2010 4:25:08 PM
m,p-Xylene	ND	µg/L		0.49	2.0	12/7/2010 4:25:08 PM
o-Xylene	ND	µg/L		0.39	1.0	12/7/2010 4:25:08 PM
Surr: 1,1,1-Trifluorotoluene	96.5	%REC			46.7-129	12/7/2010 4:25:08 PM
ANIONS BY ION CHROMATOGRAPHY						
			E300.0			Analyst: CW
Chloride	9.32	mg/L		0.100	1.00	12/14/2010 3:06:00 AM
OIL AND GREASE						
			E1664A			Analyst: JL
Oil & Grease	ND	mg/L		2.00	5.0	12/15/2010 10:30:00 AM
TOTAL DISSOLVED SOLIDS						
			SM2540 C			Analyst: DP
Total Dissolved Solids	86	mg/L		1.0	1	12/8/2010 10:00:00 AM
PH - LAB TEST, HOLD TIME EXPIRED						
			SM4500-H+-B			Analyst: DSD
pH	7.16	SU		NA	NA	12/8/2010 10:35:00 AM

Key:	MCL	Maximum Contaminant Level	J	Analyte detected below quantitation limits
	MDL	Minimum Detection Limit	B	Analyte detected in the associated Method Blank
	NA	Not Applicable	E	Estimated Value above quantitation range
	ND	Not Detected at the PQL or MDL	H	Holding times for preparation or analysis exceeded
	PQL	Practical Quantitation Limit	S	Spike/Surrogate Recovery exceeds REIC control limits
	TIC	Tentatively Identified Compound, Estimated Concentration	*	Value exceeds MCL or Regulatory Limits

DEC 29 2010

REI Consultants, Inc.

Analytical Results

Date: 20-Dec-10

CLIENT: DANNY WEBB CONSTRUCTION

WorkOrder: 101255562A

Client Sample ID: MID

DateReceived: 12/7/2010

Project:

Collection Date: 12/7/2010 12:10:00 PM

Site ID:

Matrix: LIQUID

Analyses	Result	Units	Qual	MDL	PQL	Date Analyzed
METALS BY ICP			E200.7		Analyst: JD	
Barium	0.043	mg/L	J	0.0020	0.100	12/9/2010 11:58:35 AM
Iron	0.361	mg/L		0.0100	0.100	12/9/2010 11:58:35 AM
Manganese	0.113	mg/L		0.0010	0.100	12/9/2010 11:58:35 AM
Sodium	2.94	mg/L		0.0500	1.00	12/9/2010 11:58:35 AM
SEMI-VOLATILE RANGE ORGANICS			SW8015C		Analyst: TM	
TPH (Diesel Range)	0.32	mg/L		0.050	0.12	12/14/2010 12:55:47 PM
TPH (Oil Range)	0.22	mg/L	J	0.026	0.31	12/16/2010 11:24:48 AM
Surr: o-Terphenyl	77.7	%REC			51.7-134	12/14/2010 12:55:47 PM
VOLATILE RANGE ORGANICS			SW8015C		Analyst: TB	
TPH (Gasoline Range)	ND	mg/L		0.210	0.50	12/7/2010 4:57:59 PM
Surr: 2,5-Dibromotoluene	77.1	%REC			32.1-142	12/7/2010 4:57:59 PM
VOLATILE ORGANIC COMPOUNDS			SW8021B		Analyst: TB	
Benzene	ND	µg/L		0.25	1.0	12/7/2010 4:57:59 PM
Toluene	ND	µg/L		0.41	1.0	12/7/2010 4:57:59 PM
Ethylbenzene	ND	µg/L		0.31	1.0	12/7/2010 4:57:59 PM
m,p-Xylene	ND	µg/L		0.49	2.0	12/7/2010 4:57:59 PM
o-Xylene	ND	µg/L		0.39	1.0	12/7/2010 4:57:59 PM
Surr: 1,1,1-Trifluorotoluene	93.2	%REC			46.7-129	12/7/2010 4:57:59 PM
ANIONS BY ION CHROMATOGRAPHY			E300.0		Analyst: CW	
Chloride	3.52	mg/L		0.100	1.00	12/14/2010 3:25:00 AM
OIL AND GREASE			E1664A		Analyst: JL	
Oil & Grease	ND	mg/L		2.00	5.0	12/15/2010 10:30:00 AM
TOTAL DISSOLVED SOLIDS			SM2540 C		Analyst: DP	
Total Dissolved Solids	87	mg/L		1.0	1	12/8/2010 10:00:00 AM
PH - LAB TEST, HOLD TIME EXPIRED			SM4500-H+-B		Analyst: DSD	
pH	6.99	SU		NA	NA	12/8/2010 10:35:00 AM

Key: MCL Maximum Contaminant Level
MDL Minimum Detection Limit
NA Not Applicable
ND Not Detected at the PQL or MDL
PQL Practical Quantitation Limit
TIC Tentatively Identified Compound, Estimated Concentration

J Analyte detected below quantitation limits
B Analyte detected in the associated Method Blank
E Estimated Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike/Surrogate Recovery exceeds REIC control limits
* Value exceeds MCL or Regulatory Limits

REI Consultants, Inc.

Analytical Results

Date: 20-Dec-10

CLIENT:	DANNY WEBB CONSTRUCTION	WorkOrder:	1012555	Lab ID	1012555-03A
Client Sample ID:	DOWN	DateReceived:	12/7/2010		
Project:		Collection Date:	12/7/2010 12:30:00 PM		
Site ID:		Matrix:	LIQUID		

Analyses	Result	Units	Qual	MDL	PQL	Date Analyzed
METALS BY ICP						
			E200.7			Analyst: JD
Barium	0.040	mg/L	J	0.0020	0.100	12/9/2010 12:01:37 PM
Iron	0.376	mg/L		0.0100	0.100	12/9/2010 12:01:37 PM
Manganese	0.126	mg/L		0.0010	0.100	12/9/2010 12:01:37 PM
Sodium	2.35	mg/L		0.0500	1.00	12/9/2010 12:01:37 PM
SEMI-VOLATILE RANGE ORGANICS						
			SW8015C			Analyst: TM
TPH (Diesel Range)	ND	mg/L		0.054	0.13	12/15/2010 10:46:24 PM
TPH (Oil Range)	ND	mg/L		0.028	0.33	12/15/2010 10:46:24 PM
Surr: o-Terphenyl	104	%REC			51.7-134	12/15/2010 10:46:24 PM
VOLATILE RANGE ORGANICS						
			SW8015C			Analyst: TB
TPH (Gasoline Range)	ND	mg/L		0.210	0.50	12/7/2010 5:30:53 PM
Surr: 2,5-Dibromotoluene	78.0	%REC			32.1-142	12/7/2010 5:30:53 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8021B			Analyst: TB
Benzene	ND	µg/L		0.25	1.0	12/7/2010 5:30:53 PM
Toluene	ND	µg/L		0.41	1.0	12/7/2010 5:30:53 PM
Ethylbenzene	ND	µg/L		0.31	1.0	12/7/2010 5:30:53 PM
m,p-Xylene	ND	µg/L		0.49	2.0	12/7/2010 5:30:53 PM
o-Xylene	ND	µg/L		0.39	1.0	12/7/2010 5:30:53 PM
Surr: 1,1,1-Trifluorotoluene	94.6	%REC			46.7-129	12/7/2010 5:30:53 PM
ANIONS BY ION CHROMATOGRAPHY						
			E300.0			Analyst: CW
Chloride	4.40	mg/L		0.100	1.00	12/14/2010 3:44:00 AM
OIL AND GREASE						
			E1664A			Analyst: JL
Oil & Grease	ND	mg/L		2.00	5.0	12/15/2010 10:30:00 AM
TOTAL DISSOLVED SOLIDS						
			SM2540 C			Analyst: DP
Total Dissolved Solids	83	mg/L		1.0	1	12/8/2010 10:00:00 AM
PH - LAB TEST, HOLD TIME EXPIRED						
			SM4500-H+-B			Analyst: DS
pH	6.78	SU		NA	NA	12/8/2010 10:35:08 AM

RECEIVED
Office of Oil & Gas

DEC 29 2010

WV Department of
Environmental Protection

Key:	MCL	Maximum Contaminant Level	J	Analyte detected below quantitation limits
	MDL	Minimum Detection Limit	B	Analyte detected in the associated Method Blank
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	ND	Not Detected at the PQL or MDL	H	Holding times for preparation or analysis exceeded
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