REI Consultants, Inc.
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Improving the environment, one client at a time...

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Roanoke, VA 24019
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1557 Commerce Road, Suite 201
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TEL: 304.241.5861

Mr. Timothy Andrew
WV DEP - FAIRMONT
2031 PLEASANT VALLEY DR SUITE 1
FAIRMONT, WV 26554

TEL: (304) 368-3950
FAX: (304) 368-3953

RE: CM-TJA-102417
Work Order #: 17102955
Dear Mr. Timothy Andrew:

REI Consultants, Inc. received 1 sample(s) on 10/24/2017 for the analyses presented in the following report.

Sincerely,

Stacy Heasley
Project Manager
(304) 250-6208

PRELIMINARY

ED_001506_00001098-00001

REI Consultants, Inc. - Case Narrative

WO#: 17102955

Original

Client: WV DEP - FAIRMONT

Project: CM-TJA-102417

The analytical results presented in this report were produced using documented laboratory SOPs that incorporate appropriate quality control procedures as described in the applicable methods. Verification of required sample preservation (as required) is recorded on associated laboratory logs. Any deviation from compliance or method modification is identified within the body of this report by a qualifier footnote which is defined at the bottom of this page.

All sample results for solid samples are reported on an "as-received" wet weight basis unless otherwise noted.

Results reported for sums of individual parameters, such as TTHM and HAA5, may vary slightly from the sum of the individual parameter results, due to rounding of individual results, as required by EPA.

The test results in this report meet all NELAP and/or VELAP requirements for parameters clearly designated as PA, VA, PA/VA, or VELAP in the column labeled NELAP.

Please note if the sample collection time is not provided on the Chain of Custody, the default recording will be 0:00:00. This may cause some tests to be apparently analyzed out of hold.

All tests performed by REIC Service Centers are designated by an annotation on the test code. All other tests were performed by REIC's Main Laboratory in Beaver, WV.

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DEFINITIONS:
MCL: Maximum Contaminant Level
MDL: Method Detection Limit; The lowest concentration of analyte that can be detected by the method in the applicable matrix.
Mg/Kg or mg/L: Units of part per million (PPM) - milligram per Kilogram (weight/weight) or milligram per Liter (weight/volume).
NA: Not Applicable
ND: Not Detected at the PQL or MDL
PQL: Practical Quantitation Limit; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below PQL are reported either as ND or as a number with a "J" qualifier.
Qual: Qualifier that applies to the analyte reported.
TIC: Tentatively Identified Compound, Estimated Concentration denoted by "J" qualifier.
Ug/Kg or ug/L: Units of part per billion (PPB) - microgram per kilogram (weight/weight) or microgram per liter (weight/volume).

QUALIFIERS:
X: Reported value exceeds required MCL
B: Analyte detected in the associated Method Blank at a concentration > 1/2 the PQL
E: Analyte concentration reported that exceeds the upper calibration standard. Greater uncertainty is associated with this result and data should be considered estimated.
H: Holding time for preparation or analysis has been exceeded
J: Analyte concentration is reported, and is less than the PQL and greater than or equal to the MDL. The result reported is an estimate.
S: % REC (% recovery) exceeds control limits

CERTIFICATIONS:
Beaver, WV: WVDHHR 00412CM, WVDEP 060, VADCLS 00281, KYDEP 90039, NCDWQ 466, PADEP 68-00839, VADCLS(VELAP) 460148
Bioassay (Beaver, WV): WVDEP 060, VADCLS(VELAP) 460148, PADEP 68-00839
Roanoke, VA: VADCLS(VELAP) 460150
Verona, VA: VADCLS(VELAP) 460151
Morgantown, WV: WVDHHR 003112M, WVDEP 387

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
METALS BY ICP			**Method: EPA 200.7 Rev. 4.4 (1994)**				**Analyst: JD**	
Aluminum	0.813	0.006	0.100	NA		mg/L	10/25/2017 1:42 PM	PA/VA
Iron	2.46	0.100	1.00	NA		mg/L	10/25/2017 1:46 PM	PA/VA
METALS BY ICP-MS			**Method: EPA 200.8 Rev. 5.4 (1994)**				**Analyst: CGW**	
Arsenic	0.0076	0.0010	0.0050	NA		mg/L	10/25/2017 6:24 PM	PA/VA
Barium	0.233	0.0010	0.0050	NA		mg/L	10/25/2017 6:24 PM	PA/VA
Cadmium	0.0018	0.0002	0.0010	NA		mg/L	10/25/2017 6:24 PM	PA/VA
Chromium	0.0087	0.0010	0.0050	NA		mg/L	10/25/2017 6:24 PM	PA/VA
Lead	0.260	0.0010	0.0050	NA		mg/L	10/25/2017 6:30 PM	PA/VA
Selenium	ND	0.0020	0.0050	NA		mg/L	10/25/2017 6:24 PM	PA/VA
Silver	ND	0.0010	0.0050	NA		mg/L	10/25/2017 6:24 PM	PA/VA
MERCURY, Total E245.1			**Method: EPA 245.1, Rev. 3.0 (1994)**				**Analyst: JH**	
Mercury	0.0003	0.0001	0.0010	NA	J	mg/L	10/26/2017 12:27 PM	PA/VA
SEMIVOLATILE ORGANIC COMPOUNDS			**Method: EPA 625 (1982)**				**Analyst: JC**	
1,3-Dinitrobenzene	ND	-0.993	0.0099	NA		mg/L	10/25/2017 5:12 PM	
Acetophenone	0.147	0.0099	0.0497	NA		mg/L	10/25/2017 10:01 PM	
Decane	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
Octadecane	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
Acenaphthene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Acenaphthylene	0.0099	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
Aniline	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Anthracene	0.0032	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
Benzo(a)anthracene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Benzo(a)pyrene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Benzo(b)fluoranthene	0.0020	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
Benzo(g,h,i)perylene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Benzo(k)fluoranthene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Bis(2-chloroethoxy)methane	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Bis(2-chloroethyl)ether	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Bis(2-chloroisopropyl)ether	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Bis(2-ethylhexyl)phthalate	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
4-Bromophenyl phenyl ether	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Butyl benzyl phthalate	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
4-Chloroaniline	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	
4-Chloro-3-methylphenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2-Chloronaphthalene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
2-Chlorophenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
4-Chlorophenyl phenyl ether	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Chrysene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
o-Cresol	1.07	0.0397	0.199	NA		mg/L	10/25/2017 9:39 PM	PA/VA
m,p-Cresol	0.188	0.0099	0.0497	NA		mg/L	10/25/2017 10:01 PM	PA/VA
Dibenzo(a,h)anthracene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Di-n-butyl phthalate	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
1,2-Dichlorobenzene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
1,3-Dichlorobenzene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
1,4-Dichlorobenzene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
3,3´-Dichlorobenzidine	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2,4-Dichlorophenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Diethyl phthalate	0.151	0.0248	0.0497	NA		mg/L	10/25/2017 10:01 PM	PA/VA
Dimethyl phthalate	0.0630	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2,4-Dimethylphenol	0.306	0.0099	0.0497	NA		mg/L	10/25/2017 10:01 PM	PA/VA
4,6-Dinitro-2-methylphenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2,4-Dinitrophenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2,4-Dinitrotoluene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2,6-Dinitrotoluene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Di-n-octyl phthalate	ND	0.0050	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
1,2-Diphenylhydrazine	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Fluoranthene	0.0063	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
Fluorene	0.0039	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
Hexachlorobenzene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Hexachlorobutadiene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Hexachlorocyclopentadiene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Hexachloroethane	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Indeno(1,2,3-cd)pyrene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Isophorone	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Naphthalene	0.0417	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
4-Nitroaniline	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	
Nitrobenzene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
2-Nitrophenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
4-Nitrophenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
N-Nitrosodimethylamine	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
N-Nitrosodiphenylamine	0.0053	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
N-Nitrosodi-n-propylamine	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Pentachlorophenol	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Phenanthrene	0.0137	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Phenol	1.30	0.0993	0.199	NA		mg/L	10/25/2017 9:39 PM	PA/VA
Pyrene	0.0059	0.0020	0.0099	NA	J	mg/L	10/25/2017 5:12 PM	PA/VA
Pyridine	0.0602	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Carbazole	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
1,2,4-Trichlorobenzene	ND	0.0020	0.0099	NA		mg/L	10/25/2017 5:12 PM	PA/VA
Surr: 2-Fluorophenol	0.460	NA	14.4-120	NA	S	%Rec	10/25/2017 5:12 PM	
Surr: Phenol-d5	19.7	NA	1.31-120	NA		%Rec	10/25/2017 5:12 PM	
Surr: 2,4,6-Tribromophenol	86.5	NA	21.3-120	NA		%Rec	10/25/2017 5:12 PM	
Surr: Nitrobenzene-d5	72.5	NA	15.1-140	NA		%Rec	10/25/2017 5:12 PM	
Surr: 2-Fluorobiphenyl	58.0	NA	13.3-120	NA		%Rec	10/25/2017 5:12 PM	
Surr: 4-Terphenyl-d14	68.9	NA	16.6-149	NA		%Rec	10/25/2017 5:12 PM	
TIC: 1,4-Benzenedicarbonitrile	0.0085	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Benzenesulfonamide, N-butyl-	0.0397	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Benzonitrile	0.0397	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Cyclopentanone	0.0278	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: decyl dicarboxylic acid	0.0085	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Dodecanedioic acid	0.0153	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Hexadecanedioic acid	0.0080	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Phenol, 2,3-dimethyl-	0.0084	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Phenol, 2,6-dimethyl-	0.0037	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
TIC: Phenol, 2-(1-methylethyl)-	0.0053	NA	NA	NA	J	mg/L	10/25/2017 5:12 PM	
ACROLEIN BY E624			**Method: EPA 624**				**Analyst: JM**	
Acrolein	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA

Notes:

The reporting limit is elevated as a result of dilutions required due to matrix interference.

The sample was received at the laboratory without the required preservation. Results may not be acceptable for compliance purposes.

VOLATILE ORGANIC COMPOUNDS			**Method: EPA 624**				**Analyst: JM**	
1,1,1,2-Tetrachloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,1,1-Trichloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,1,2,2-Tetrachloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,1,2-Trichloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,1-Dichloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,1-Dichloroethene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
1,1-Dichloropropene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,2,3-Trichlorobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,2,3-Trichloropropane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,2,4-Trichlorobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,2,4-Trimethylbenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
DBCP	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,2-Dibromoethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,2-Dichlorobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,2-Dichloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,2-Dichloropropane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,3,5-Trimethylbenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,3-Dichlorobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
1,3-Dichloropropane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
1,4-Dichlorobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
2,2-Dichloropropane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
2-Butanone	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
2-Chloroethyl vinyl ether	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
2-Chlorotoluene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
2-Hexanone	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
4-Chlorotoluene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
p-Isopropyltoluene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
4-Methyl-2-pentanone	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Acetone	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Acrylonitrile	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Benzene	10,600	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Bromobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Bromochloromethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Bromodichloromethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Bromoform	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Bromomethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Carbon disulfide	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	
Carbon tetrachloride	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Chlorobenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Chloroethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Chloroform	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Chloromethane	5,070	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
cis-1,2-Dichloroethene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
cis-1,3-Dichloropropene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Dibromochloromethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Dibromomethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Dichlorodifluoromethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Ethylbenzene	4,480	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Hexachlorobutadiene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Iodomethane	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Isopropylbenzene	2,350	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
m,p-Xylene	10,100	1,000	2,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
MTBE	6,460	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Methylene chloride	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
n-Butylbenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
n-Propylbenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Naphthalene	15,000	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
o-Xylene	1,070	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
sec-Butylbenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Styrene	5,110	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
tert-Butylbenzene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Tetrachloroethene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Toluene	7,440	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
trans-1,2-Dichloroethene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
trans-1,3-Dichloropropene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Trichloroethene	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Trichlorofluoromethane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Vinyl acetate	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Vinyl chloride	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	PA/VA
Surr: 1,2-Dichloroethane-d4	87.6	NA	70.9-125	NA		%Rec	10/25/2017 3:13 PM	
Surr: 4-Bromofluorobenzene	96.0	NA	76.6-134	NA		%Rec	10/25/2017 3:13 PM	
Surr: Dibromofluoromethane	82.7	NA	70.1-128.	NA		%Rec	10/25/2017 3:13 PM	
Surr: Toluene-d8	104	NA	72-126	NA		%Rec	10/25/2017 3:13 PM	
TIC: 1-isocyano-3-methylbenzene	1,150	NA	NA	NA	J	µg/L	10/25/2017 3:13 PM	
TIC: Decane	4,930	NA	NA	NA	J	µg/L	10/25/2017 3:13 PM	
TIC: isocyanobenzene	1,470	NA	NA	NA	J	µg/L	10/25/2017 3:13 PM	
TIC: undecane	40,200	NA	NA	NA	J	µg/L	10/25/2017 3:13 PM	
VOLATILE ORGANIC COMPOUNDS - ADDITIONAL			**Method: EPA 624**				**Analyst: JM**	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	
1,4-Dioxane	ND	100,000	200,000	NA		µg/L	10/25/2017 3:13 PM	
1-Propanol	ND	50,000	100,000	NA		µg/L	10/25/2017 3:13 PM	

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
2-Propanol	ND	50,000	100,000	NA		µg/L	10/25/2017 3:13 PM	
Acetonitrile	ND	50,000	100,000	NA		µg/L	10/25/2017 3:13 PM	
Allyl chloride	ND	1,000	2,000	NA		µg/L	10/25/2017 3:13 PM	
Chloroprene	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	
Cyclohexane	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Cyclohexanone	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Diethyl ether	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	
Ethanol	ND	100,000	200,000	NA		µg/L	10/25/2017 3:13 PM	
Ethyl acetate	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	
Ethyl methacrylate	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Hexachloroethane	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Isobutyl alcohol	ND	50,000	100,000	NA		µg/L	10/25/2017 3:13 PM	
Isopropyl ether	ND	2,500	5,000	NA		µg/L	10/25/2017 3:13 PM	
Methacrylonitrile	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Methyl methacrylate	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
n-Butyl alcohol	ND	50,000	100,000	NA		µg/L	10/25/2017 3:13 PM	
Pentachloroethane	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Propionitrile	ND	50,000	100,000	NA		µg/L	10/25/2017 3:13 PM	
tert-Amyl alcohol	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
tert-Amyl Ethyl Ether	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
tert-Amyl Methyl Ether	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
tert-Butyl alcohol	ND	100,000	200,000	NA		µg/L	10/25/2017 3:13 PM	
tert-Butyl Ethyl Ether	ND	500	1,000	NA		µg/L	10/25/2017 3:13 PM	
Tetrahydrofuran	ND	25,000	50,000	NA		µg/L	10/25/2017 3:13 PM	
trans-1,4-Dichloro-2-butene	ND	5,000	10,000	NA		µg/L	10/25/2017 3:13 PM	
Surr: 1,2-Dichloroethane-d4	87.1	NA	70.9-125	NA		%Rec	10/25/2017 3:13 PM	
Surr: 4-Bromofluorobenzene	96.5	NA	76.6-134	NA		%Rec	10/25/2017 3:13 PM	
Surr: Dibromofluoromethane	88.2	NA	70.1-128.	NA		%Rec	10/25/2017 3:13 PM	
Surr: Toluene-d8	106	NA	72-126	NA		%Rec	10/25/2017 3:13 PM	
OIL and GREASE			**Method: EPA 1664 Rev. A**				**Analyst: KS**	
Oil & Grease	ND	4.9	5.0	NA		mg/L	10/25/2017 4:51 PM	PA/VA
TOTAL SUSPENDED SOLIDS			**Method: SM2540 D-1997**				**Analyst: KY**	
Total Suspended Solids	102	4.0	20.0	NA		mg/L	10/25/2017 1:13 PM	PA/VA

PRELIMINARY

REI Consultants, Inc. - Analytical Report

WO#: 17102955

Original

Client:	WV DEP - FAIRMONT	**Collection Date:**	10/24/2017 1:30:00 PM
Project:	CM-TJA-102417	**Date Received:**	10/24/2017
Lab ID:	17102955-01A	**Matrix:**	Liquid
Client Sample ID:	2	**Site ID:**	

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
pH - LAB TEST, HOLD TIME EXPIRED:			**Method: SM4500-H+-B-2000**				**Analyst: VS**	
pH	6.92	NA	NA	NA	H	SU	10/25/2017 8:57 AM	

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REIC
Improving the environment, one client at a time...

REI Consultants, Inc.
PO Box 286
Beaver, WV 25813
TEL: (304)255-2500
Website: www.reiclabs.com

Sample Receipt Checklist

Client Name:	**WES031**			Work Order Number:	**17102955**
RCPNo:	**1**	Date and Time Received:	**10/24/2017 6:51:20 PM**	Received by:	**Megan Ruane**
Completed By:	**Justin Harrah**		Reviewed By:	**Stacy Heasley**	
Completed Date:	**10/24/2017 6:52:20 PM**		Reviewed Date:	**10/25/2017 10:27 AM**	

Carrier Name: Client

1.	Chain of custody present?	Yes [x]	No [ ]	
2.	Chain of custody signed when relinquished and received?	Yes [x]	No [ ]	
3.	Are matrices correctly identified on Chain of custody?	Yes [x]	No [ ]	
4.	Is it clear what analyses were requested?	Yes [x]	No [ ]	
5.	Custody seals intact?	Yes [ ]	No [ ]	Not Present [x]
6.	Samples in proper container type and preservative?	Yes [x]	No [ ]	
7.	Were correct preservatives noted on COC?	Yes [x]	No [ ]	NA [ ]
8.	Sample containers intact?	Yes [x]	No [ ]	
9.	Sufficient sample volume for indicated test?	Yes [x]	No [ ]	
10.	Were container labels complete?	Yes [x]	No [ ]	
11.	All samples received within holding time?	Yes [x]	No [ ]	
12.	Was an attempt made to cool the samples?	Yes [x]	No [ ]	NA [ ]
13.	Sample Temp. taken and recorded upon receipt?	Yes [x]	No [ ]	To 1.1 °C
14.	Water - Were bubbles absent in VOC vials?	Yes [x]	No [ ]	No Vials [ ]
15.	Are Samples considered acceptable?	Yes [x]	No [ ]	
16.	COC filled out properly?	Yes [x]	No [ ]	

Client Notification/Response

Client Name: **WES031** Work Order Number: **17102955**

Comment:

Client Contacted: Yes [ ] No [ ] NA [x] Person Contacted:

Contact Mode: Phone [ ] Fax: [ ] Email: [ ] In Person: [ ]

Date Contacted: Contacted By:

Regarding:

Client Instructions:

Corrective Action:

PRELIMINARY