



Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
6601 Southpoint Parkway
Jacksonville, FL 32216
Phone: (904)363-9350
Fax: (904)363-9354

September 18, 2009

Dan Stone
Cliff Berry Inc.
5218 St. Paul St
Tampa, FL 33619

RE: Workorder: J0907063 Rail Cars

Dear Dan Stone:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, September 03, 2009. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jordan Collier
jcollier@aellab.com

Enclosures

Report ID: 99499 - 1992308

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SAMPLE SUMMARY

Workorder J0907063 Rail Cars

Lab ID	Sample ID	Matrix	Date Collected	Date Received
J0907063001	49191	oil	9/1/2009 11:00	9/3/2009 08:30
J0907063002	18583	oil	9/1/2009 11:00	9/3/2009 08:30
J0907063003	49191	Water	9/1/2009 11:00	9/3/2009 08:30
J0907063004	18583	Water	9/1/2009 11:00	9/3/2009 08:30
J0907063005	49191	oil	9/1/2009 11:00	9/3/2009 08:30
J0907063006	18583	oil	9/1/2009 11:00	9/3/2009 08:30

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ANALYTICAL RESULTS

Workorder J0907063 Rail Cars

Lab ID: **J0907063001** Date Received: 9/3/2009 08:30 Matrix: oil
 Sample ID: **49191** Date Collected: 9/1/2009 11:00

Results for sample J0907063001 are reported on a wet weight basis.

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
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METALS

Analysis Desc: SW846 6010B Analysis,oils	Preparation Method: SW-846 3050B Analytical Method: SW-846 6010								
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Arsenic	0.91 mg/Kg	1.0	U	0.91	2	9/18/2009		10:11	J
Barium	11 mg/Kg	0.20		0.11	2	9/15/2009		03:12	J
Cadmium	0.013 mg/Kg	0.060	U	0.013	2	9/15/2009		03:12	J
Chromium	0.54 mg/Kg	0.40		0.24	2	9/15/2009		03:12	J
Lead	1.7 mg/Kg	0.70		0.20	2	9/18/2009		10:11	J
Selenium	0.75 mg/Kg	2.0	U	0.75	2	9/18/2009		10:11	J
Silver	0.22 mg/Kg	0.40	I	0.12	2	9/15/2009		03:12	J

Analysis Desc: SW846 7471A Analysis, oil	Preparation Method: SW-846 7471A Analytical Method: SW-846 7471A								
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Mercury	0.0014 mg/Kg	0.010	U	0.0014	1	9/10/2009		12:01	J
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MISCELANEOUS COMPOUNDS

Analysis Desc: Percent Water,E203,Karl Fisher	Analytical Method: E203								
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Percent Water	6.4 %				1	9/15/2009		10:30	J^
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Lab ID: **J0907063002** Date Received: 9/3/2009 08:30 Matrix: oil
 Sample ID: **18583** Date Collected: 9/1/2009 11:00

Results for sample J0907063002 are reported on a wet weight basis.

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
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METALS

Analysis Desc: SW846 6010B Analysis,oils	Preparation Method: SW-846 3050B Analytical Method: SW-846 6010								
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Arsenic	0.91 mg/Kg	1.0	U	0.91	2	9/18/2009		10:15	J
Barium	13 mg/Kg	0.20		0.11	2	9/15/2009		03:17	J
Cadmium	0.044 mg/Kg	0.060	I	0.013	2	9/15/2009		03:17	J
Chromium	1.0 mg/Kg	0.40		0.24	2	9/15/2009		03:17	J
Lead	5.7 mg/Kg	0.70		0.20	2	9/18/2009		10:15	J

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ANALYTICAL RESULTS

Workorder J0907063 Rail Cars

Lab ID: **J0907063002**

Date Received: 9/3/2009 08:30

Matrix: oil

Sample ID: **18583**

Date Collected: 9/1/2009 11:00

Results for sample J0907063002 are reported on a wet weight basis.

Sample Description

Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
Selenium	0.75	mg/Kg	2.0	U	0.75	2	9/18/2009	10:15	J
Silver	0.86	mg/Kg	0.40	0.12	2	9/15/2009		03:17	J

Analysis Desc: SW846 7471A Analysis, oil

Preparation Method: SW-846 7471A
Analytical Method: SW-846 7471A

Mercury	0.0027	mg/Kg	0.010	I	0.00141	9/10/2009		12:09	J
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MISCELLANEOUS COMPOUNDS

Analysis Desc: Percent Water, E203, Karl Fisher

Analytical Method: E203

Percent Water	8.2	%		1	9/15/2009			10:30	J^
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Lab ID: **J0907063003**

Date Received: 9/3/2009 08:30

Matrix: Water

Sample ID: **49191**

Date Collected: 9/1/2009 11:00

Sample Description

Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
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METALS

Analysis Desc: SW846 6010B Analysis, Water

Preparation Method: SW-846 3010A
Analytical Method: SW-846 6010

Arsenic	0.017	mg/L	0.020	U	0.017	1	9/18/2009	10:01	J
Barium	0.068	mg/L	0.0040	0.00057	1	9/14/2009		22:37	J
Cadmium	0.0030	mg/L	0.0012	0.00063	1	9/14/2009		22:37	J
Chromium	0.021	mg/L	0.0080	V	0.00099	9/14/2009		22:37	J
Lead	0.0026	mg/L	0.014	U	0.00261	9/14/2009		22:37	J
Selenium	0.014	mg/L	0.040	U	0.014	1	9/18/2009	10:01	J
Silver	0.0079	mg/L	0.0080	I	0.00088	9/14/2009		22:37	J

Analysis Desc: SW846 7470A Analysis, Water

Preparation Method: SW-846 7470A
Analytical Method: SW-846 7470A

Mercury	0.000057	mg/L	0.00010	I	0.0000149	11/2009		12:18	J
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VOLATILES, TCLP

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ANALYTICAL RESULTS

Workorder J0907063 Rail Cars

Lab ID: **J0907063003** Date Received: 9/3/2009 08:30 Matrix: Water
Sample ID: **49191** Date Collected: 9/1/2009 11:00

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
Analysis Desc: 8260C Analysis, TCLP		Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1-Dichloroethylene	0.014	mg/L	0.050	U	0.014	50	9/16/2009	06:39	J
1,2-Dichloroethane	0.014	mg/L	0.050	U	0.014	50	9/16/2009	06:39	J
1,4-Dichlorobenzene	0.018	mg/L	0.050	U	0.018	50	9/16/2009	06:39	J
2-Butanone (MEK)	3.9	mg/L	0.25	0.036	50	9/16/2009	06:39	J	
Benzene	0.20	mg/L	0.050	0.010	50	9/16/2009	06:39	J	
Carbon Tetrachloride	0.011	mg/L	0.050	U	0.011	50	9/16/2009	06:39	J
Chlorobenzene	0.012	mg/L	0.050	U	0.012	50	9/16/2009	06:39	J
Chloroform	0.013	mg/L	0.050	U	0.013	50	9/16/2009	06:39	J
Tetrachloroethylene (PCE)	0.018	mg/L	0.050	U	0.018	50	9/16/2009	06:39	J
Trichloroethene	0.018	mg/L	0.050	U	0.018	50	9/16/2009	06:39	J
Vinyl Chloride	0.018	mg/L	0.050	U	0.018	50	9/16/2009	06:39	J
1,2-Dichloroethane-d4 (S)	92	%	80-120		50	9/16/2009	06:39		
Toluene-d8 (S)	111	%	88-110	J4	50	9/16/2009	06:39		
Bromofluorobenzene (S)	100	%	86-115		50	9/16/2009	06:39		

WET CHEMISTRY

Analysis Desc: pH,SW9040B,RCRA,Water		Analytical Method: SW 9040B							
pH	5.42	pH unit	1.0	1.0	1	9/14/2009	08:00	J	

Lab ID: **J0907063004** Date Received: 9/3/2009 08:30 Matrix: Water
Sample ID: **18583** Date Collected: 9/1/2009 11:00

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
Analysis Desc: SW846 6010B Analysis,Water		Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Arsenic	0.042	mg/L	0.050	U	0.042	1	9/18/2009	10:06	J
Barium	1.6	mg/L	0.010	0.0014	1	9/18/2009	10:06	J	
Cadmium	0.015	mg/L	0.0030	0.0016	1	9/18/2009	10:06	J	

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ANALYTICAL RESULTS

Workorder J0907063 Rail Cars

Lab ID: **J0907063004** Date Received: 9/3/2009 08:30 Matrix: Water
Sample ID: **18583** Date Collected: 9/1/2009 11:00

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
Chromium	0.21	mg/L	0.020	0.0025	1	9/18/2009		10:06	J
Lead	0.37	mg/L	0.035	V	0.00651	9/18/2009		10:06	J
Selenium	0.034	mg/L	0.10	U	0.034	1 9/18/2009		10:06	J
Silver	0.15	mg/L	0.020	0.0022	1	9/18/2009		10:06	J

Analysis Desc: SW846 7470A Preparation Method: SW-846 7470A
Analysis, Water Analytical Method: SW-846 7470A

Mercury	0.00039	mg/L	0.00010	0.000014	1	9/16/2009		15:31	J
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VOLATILES, TCLP

Analysis Desc: 8260C Analysis, TCLP Preparation Method: SW-846 5030B
Analytical Method: SW-846 8260B

1,1-Dichloroethylene	0.014	mg/L	0.050	U	0.014	50 9/16/2009		07:24	J
1,2-Dichloroethane	0.014	mg/L	0.050	U	0.014	50 9/16/2009		07:24	J
1,4-Dichlorobenzene	0.018	mg/L	0.050	U	0.018	50 9/16/2009		07:24	J
2-Butanone (MEK)	0.036	mg/L	0.25	U	0.036	50 9/16/2009		07:24	J
Benzene	0.42	mg/L	0.050	0.010	50	9/16/2009		07:24	J
Carbon Tetrachloride	0.011	mg/L	0.050	U	0.011	50 9/16/2009		07:24	J
Chlorobenzene	0.012	mg/L	0.050	U	0.012	50 9/16/2009		07:24	J
Chloroform	0.013	mg/L	0.050	U	0.013	50 9/16/2009		07:24	J
Tetrachloroethylene (PCE)	0.018	mg/L	0.050	U	0.018	50 9/16/2009		07:24	J
Trichloroethene	0.018	mg/L	0.050	U	0.018	50 9/16/2009		07:24	J
Vinyl Chloride	0.018	mg/L	0.050	U	0.018	50 9/16/2009		07:24	J
1,2-Dichloroethane-d4 (S)	97	%	80-120		50	9/16/2009		07:24	J
Toluene-d8 (S)	110	%	88-110		50	9/16/2009		07:24	J
Bromofluorobenzene (S)	99	%	86-115		50	9/16/2009		07:24	J

WET CHEMISTRY

Analysis Desc: pH, SW9040B, RCRA, Water Analytical Method: SW 9040B

pH	4.99	pH unit	1.0	1.0	1	9/14/2009		08:00	J
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ANALYTICAL RESULTS

Workorder J0907063 Rail Cars

Lab ID: **J0907063005** Date Received: 9/3/2009 08:30 Matrix: oil
Sample ID: **49191** Date Collected: 9/1/2009 11:00

Results for sample J0907063005 are reported on a wet weight basis.

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
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SEMIVOLATILES

Analysis Desc: 8082A PCB Analysis, oil	Preparation Method: SW-846 3580A Analytical Method: SW-846 8082A								
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Aroclor 1016 (PCB-1016)	26 ug/Kg	200	U 26	1	9/15/2009			17:08	J
Aroclor 1221 (PCB-1221)	32 ug/Kg	200	U 32	1	9/15/2009			17:08	J
Aroclor 1232 (PCB-1232)	13 ug/Kg	200	U 13	1	9/15/2009			17:08	J
Aroclor 1242 (PCB-1242)	25 ug/Kg	200	U 25	1	9/15/2009			17:08	J
Aroclor 1248 (PCB-1248)	27 ug/Kg	200	U 27	1	9/15/2009			17:08	J
Aroclor 1254 (PCB-1254)	37 ug/Kg	200	U 37	1	9/15/2009			17:08	J
Aroclor 1260 (PCB-1260)	31 ug/Kg	200	U 31	1	9/15/2009			17:08	J
Tetrachloro-m-xylene (S)	76 %	63-159		1	9/15/2009			17:08	
Decachlorobiphenyl (S)	73 %	43-160		1	9/15/2009			17:08	

VOLATILES, TCLP

Analysis Desc: 8260C Analysis, TCLP	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B								
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1,1-Dichloroethylene	0.014 mg/L	0.050	U 0.014	50	9/16/2009			08:09	J
1,2-Dichloroethane	0.014 mg/L	0.050	U 0.014	50	9/16/2009			08:09	J
1,4-Dichlorobenzene	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:09	J
2-Butanone (MEK)	0.036 mg/L	0.25	U 0.036	50	9/16/2009			08:09	J
Benzene	0.20 mg/L	0.050	0.010	50	9/16/2009			08:09	J
Carbon Tetrachloride	0.011 mg/L	0.050	U 0.011	50	9/16/2009			08:09	J
Chlorobenzene	0.012 mg/L	0.050	U 0.012	50	9/16/2009			08:09	J
Chloroform	0.013 mg/L	0.050	U 0.013	50	9/16/2009			08:09	J
Tetrachloroethylene (PCE)	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:09	J
Trichloroethene	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:09	J
Vinyl Chloride	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:09	J
1,2-Dichloroethane-d4 (S)	97 %	80-120		50	9/16/2009			08:09	
Toluene-d8 (S)	109 %	88-110		50	9/16/2009			08:09	
Bromofluorobenzene (S)	104 %	86-115		50	9/16/2009			08:09	

WET CHEMISTRY

Analysis Desc: Flashpoint, SW1010, Water	Analytical Method: SW 1010								
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Flash Point	>200 °F	70	70	1	9/14/2009			10:18	J
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ANALYTICAL RESULTS

Workorder J0907063 Rail Cars

Lab ID: **J0907063006** Date Received: 9/3/2009 08:30 Matrix: oil
Sample ID: **18583** Date Collected: 9/1/2009 11:00

Results for sample J0907063006 are reported on a wet weight basis.

Sample Description Location

Parameters	Results	Units	Qual	DF	Anal	Adjusted PQL	Adjusted MDL	alyzed	Lab
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SEMIVOLATILES

Analysis Desc: 8082A PCB Analysis, oil Preparation Method: SW-846 3580A
Analytical Method: SW-846 8082A

Aroclor 1016 (PCB-1016)	26 ug/Kg	200	U 26	1	9/15/2009			17:29	J
Aroclor 1221 (PCB-1221)	32 ug/Kg	200	U 32	1	9/15/2009			17:29	J
Aroclor 1232 (PCB-1232)	13 ug/Kg	200	U 13	1	9/15/2009			17:29	J
Aroclor 1242 (PCB-1242)	25 ug/Kg	200	U 25	1	9/15/2009			17:29	J
Aroclor 1248 (PCB-1248)	27 ug/Kg	200	U 27	1	9/15/2009			17:29	J
Aroclor 1254 (PCB-1254)	37 ug/Kg	200	U 37	1	9/15/2009			17:29	J
Aroclor 1260 (PCB-1260)	31 ug/Kg	200	U 31	1	9/15/2009			17:29	J
Tetrachloro-m-xylene (S)	74 %	63-159		1	9/15/2009			17:29	
Decachlorobiphenyl (S)	70 %	43-160		1	9/15/2009			17:29	

VOLATILES, TCLP

Analysis Desc: 8260C Analysis, TCLP Preparation Method: SW-846 5030B
Analytical Method: SW-846 8260B

1,1-Dichloroethylene	0.014 mg/L	0.050	U 0.014	50	9/16/2009			08:54	J
1,2-Dichloroethane	0.014 mg/L	0.050	U 0.014	50	9/16/2009			08:54	J
1,4-Dichlorobenzene	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:54	J
2-Butanone (MEK)	0.21 mg/L	0.25	I 0.036	50	9/16/2009			08:54	J
Benzene	0.54 mg/L	0.050	0.010	50	9/16/2009			08:54	J
Carbon Tetrachloride	0.011 mg/L	0.050	U 0.011	50	9/16/2009			08:54	J
Chlorobenzene	0.012 mg/L	0.050	U 0.012	50	9/16/2009			08:54	J
Chloroform	0.013 mg/L	0.050	U 0.013	50	9/16/2009			08:54	J
Tetrachloroethylene (PCE)	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:54	J
Trichloroethene	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:54	J
Vinyl Chloride	0.018 mg/L	0.050	U 0.018	50	9/16/2009			08:54	J
1,2-Dichloroethane-d4 (S)	99 %	80-120		50	9/16/2009			08:54	
Toluene-d8 (S)	108 %	88-110		50	9/16/2009			08:54	
Bromofluorobenzene (S)	101 %	86-115		50	9/16/2009			08:54	

WET CHEMISTRY

Analysis Desc: Flashpoint, SW1010, Water Analytical Method: SW 1010

Flash Point	>200 °F	70	70	1	9/14/2009			10:18	J
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ANALYTICAL RESULTS QUALIFIERS

Workorder J0907063 Rail Cars

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result
- V Method Blank Contamination

LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)
- J^ Not Certified

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QUALITY CONTROL DATA

Workorder J0907063 Rail Cars

QC Batch: DGMj/19980 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3050B Prepared: 9/9/2009 10:30
Associated Lab Samples: J0907042001 J0907042002 J0907063001 J0907063002

METHOD BLANK: 412083

Parameter Uni	ts	Blank Result	Reporting Limit	Qualifiers
Silver	mg/Kg	0.0012	0.0012U	
Arsenic	mg/Kg	0.0091	0.0091U	
Barium	mg/Kg	0.0011	0.0011U	
Cadmium	mg/Kg	0.00013	0.00013U	
Chromium	mg/Kg	0.0024	0.0024U	
Lead	mg/Kg	0.0020	0.0020U	
Selenium	mg/Kg	0.0075	0.0075U	

QC Batch: DGMj/19983 Analysis Method: SW-846 7471A
QC Batch Method: SW-846 7471A Prepared: 9/10/2009 08:45
Associated Lab Samples: J0906949001 J0906993001 J0907042001 J0907042002 J0907063001 J0907063002
J0907078001

METHOD BLANK: 412828

Parameter Uni	ts	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/Kg	0.000014	0.000014U	

QC Batch: DGMj/19995 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 9/11/2009 05:00
Associated Lab Samples: J0907063003 J0907161001 J0907162001 J0907195001 T0914046 001

METHOD BLANK: 413817

Parameter Uni	ts	Blank Result	Reporting Limit	Qualifiers
Silver	mg/L	0.00044	0.00044U	
Arsenic	mg/L	0.0085	0.0085U	
Barium	mg/L	0.00028	0.00028U	
Cadmium	mg/L	0.00032	0.00032U	
Chromium	mg/L	0.00050	0.00056I	V
Lead	mg/L	0.0013	0.0014I	V
Selenium	mg/L	0.0068	0.0068U	

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QUALITY CONTROL DATA

Workorder J0907063 Rail Cars

QC Batch: DGMj/20000 Analysis Method: SW-846 7470A
QC Batch Method: SW-846 7470A Prepared: 9/11/2009 08:45
Associated Lab Samples: J0907063003 M0900862001 M0900864001

METHOD BLANK: 414198

Parameter Uni	ts	Blank Result	Reporting Limit Qualifiers
Mercury	mg/L	0.000014	0.000014U

QC Batch: WCAj/21294 Analysis Method: SW 9040B
QC Batch Method: SW 9040B Prepared:
Associated Lab Samples: J0907063003 J0907063004 M0900882001

QC Batch: EXTj/18939 Analysis Method: SW-846 8082A
QC Batch Method: SW-846 3580A Prepared: 9/14/2009 15:00
Associated Lab Samples: J0906680001 J0907063005 J0907063006

METHOD BLANK: 415273

Parameter Uni	ts	Blank Result	Reporting Limit Qualifiers
Aroclor 1016 (PCB-1016)	ug/Kg	26	26U
Aroclor 1221 (PCB-1221)	ug/Kg	32	32U
Aroclor 1232 (PCB-1232)	ug/Kg	13	13U
Aroclor 1242 (PCB-1242)	ug/Kg	25	25U
Aroclor 1248 (PCB-1248)	ug/Kg	27	27U
Aroclor 1254 (PCB-1254)	ug/Kg	37	37U
Aroclor 1260 (PCB-1260)	ug/Kg	31	31U
Tetrachloro-m-xylene (S)	%	63-159	95
Decachlorobiphenyl (S)	%	43-160	95

QC Batch: MSVj/18522 Analysis Method: SW-846 8260B
QC Batch Method: SW-846 5030B Prepared: 9/15/2009 14:50
Associated Lab Samples: J0907063003 J0907063004 J0907063005 J0907063006 J0907271001 J0907271002
J0907271003 J0907271010 J0907271011 J0907271012 J0907271013 J0907271014
J0907271015 J0907271016 J0907308001

METHOD BLANK: 415978

Parameter Uni	ts	Blank Result	Reporting Limit Qualifiers
Vinyl Chloride	mg/L	0.00037	0.00037U

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QUALITY CONTROL DATA

Workorder J0907063 Rail Cars

METHOD BLANK: 415978

Parameter Uni	ts	Blank Result	Reporting Limit	Qualifiers
1,1-Dichloroethylene	mg/L 0.00029	0.00029U		
2-Butanone (MEK)	mg/L 0.00071	0.00071U		
Chloroform	mg/L 0.00026	0.00026U		
1,2-Dichloroethane	mg/L 0.00029	0.00029U		
Carbon Tetrachloride	mg/L 0.00022	0.00022U		
Benzene	mg/L 0.00021	0.00021U		
Trichloroethene	mg/L 0.00036	0.00036U		
Tetrachloroethylene (PCE)	mg/L 0.00036	0.00036U		
Chlorobenzene	mg/L 0.00023	0.00023U		
1,4-Dichlorobenzene	mg/L 0.00037	0.00037U		
1,2-Dichloroethane-d4 (S)	% 80-120	100		
Toluene-d8 (S)	% 88-110	108		
Bromofluorobenzene (S)	% 86-115	105		

QC Batch: DGMj/20023 Analysis Method: SW-846 7470A
 QC Batch Method: SW-846 7470A Prepared: 9/16/2009 08:30
 Associated Lab Samples: J0906995001 J0907063004 J0907271010 J0907271011 J0907271012 J0907271013
 J0907271014 J0907271015

METHOD BLANK: 416033

Parameter Uni	ts	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/L 0.000014	0.000014U		

QC Batch: DGMj/20030 Analysis Method: SW-846 6010
 QC Batch Method: SW-846 3010A Prepared: 9/17/2009 05:00
 Associated Lab Samples: J0907063004 J0907370001 J0907370002

METHOD BLANK: 417125

Parameter Uni	ts	Blank Result	Reporting Limit	Qualifiers
Silver	mg/L 0.00044	0.00044U		
Arsenic	mg/L 0.0085	0.0085U		
Barium	mg/L 0.00028	0.00028U		
Cadmium	mg/L 0.00032	0.00032U		
Chromium	mg/L 0.00050	0.00050U		
Lead	mg/L 0.0013	0.0023I		V
Selenium	mg/L 0.0068	0.0068U		

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QUALITY CONTROL DATA QUALIFIERS

Workorder J0907063 Rail Cars

QUALITY CONTROL PARAMETER QUALIFIERS

- J4 Estimated Result
- V Method Blank Contamination

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder J0907063 Rail Cars

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
J0907063001	49191	SW-846 3050B	DGMj/19980	SW-846 6010	ICPj/19514
J0907063002	18583	SW-846 3050B	DGMj/19980	SW-846 6010	ICPj/19514
J0907063001	49191	SW-846 3050B	DGMj/19980	SW-846 6010	ICPj/19530
J0907063002	18583	SW-846 3050B	DGMj/19980	SW-846 6010	ICPj/19530
J0907063001	49191	SW-846 7471A	DGMj/19983	SW-846 7471A	CVAj/16495
J0907063002	18583	SW-846 7471A	DGMj/19983	SW-846 7471A	CVAj/16495
J0907063003	49191	SW-846 3010A	DGMj/19995	SW-846 6010	ICPj/19519
J0907063003	49191	SW-846 3010A	DGMj/19995	SW-846 6010	ICPj/19530
J0907063003	49191	SW-846 7470A	DGMj/20000	SW-846 7470A	CVAj/16501
J0907063003	49191 SW	9040B	WCAj/21294		
J0907063004	18583 SW	9040B	WCAj/21294		
J0907063005	49191 SW	1010	WCAj/21303		
J0907063006	18583 SW	1010	WCAj/21303		
J0907063005	49191	SW-846 3580A	EXTj/18939	SW-846 8082A	GCSj/18427
J0907063006	18583	SW-846 3580A	EXTj/18939	SW-846 8082A	GCSj/18427
J0907063001	49191 E203		WCAj/21310		
J0907063002	18583 E203		WCAj/21310		
J0907063003	49191	SW-846 5030B	MSVj/18522	SW-846 8260B	MSVj/18523
J0907063004	18583	SW-846 5030B	MSVj/18522	SW-846 8260B	MSVj/18523
J0907063005	49191	SW-846 5030B	MSVj/18522	SW-846 8260B	MSVj/18523
J0907063006	18583	SW-846 5030B	MSVj/18522	SW-846 8260B	MSVj/18523
J0907063004	18583	SW-846 7470A	DGMj/20023	SW-846 7470A	CVAj/16505

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder J0907063 Rail Cars

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
J0907063004	18583	SW-846 3010A	DGMj/20030	SW-846 6010	ICPj/19553

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Page 1 of 1

LAB NUMBER:

J0907063

- 6601 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
- 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84569
- 6815 SW Archer Road • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639 • E82001
- 528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 • E53076

CLIENT NAME: CLIFF BEARR, INC		PROJECT NAME: RAILCARS		BOTTLE SIZE & TYPE	ANALYSIS REQUIRED	PH (LIQUID)	PCRA & METAL (SLUDGE)	PCRA & METAL (LIQUID)	% WATER	FLASH (LIQUID)	TEMP VOLATILES	TEMP VOLATILES (SLUDGE)	PCB (SLUDGE)	LABORATORY I.D. NUMBER
ADDRESS: 5218 ST. PAUL ST.		P.O. NUMBER/PROJECT NUMBER: 34695												
TAMPA, FL 33619		PROJECT LOCATION: TAMPA												
PHONE: 813-626-6533		REMARKS/SPECIAL INSTRUCTIONS: Email To: dstone@cliffberrync.com Bill To: CBI P.O. Box 13079 FT. LAUDERDALE, FL 33316												
FAX: 813-626-7012														
CONTACT: DAN STONE														
SAMPLED BY: DAN STONE		TURN AROUND TIME: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH												
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION							
			DATE	TIME										
49191	BUNKERS	Comp	9/19	1100	SL	21		✓	✓	✓	✓	✓	✓	001
18583	BUNKERS	Comp	9/19	1100	SL	21		✓	✓	✓	✓	✓	✓	002
49191	BUNKERS	"	"	"	WW	1								003
18583	BUNKERS	"	"	"	WW	1								004
49191	Bunkers				WS									005
18583	Bunkers				WS									006

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = Ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice Yes No Temp taken from sample Temp from blank Where required, pH checked Temperature when received _____ (in degrees celsius)

Form revised 2/8/08 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A

Relinquished by:	Date	Time	Received by:	Date	Time
[Signature]	9/19/08	1700	[Signature]	9/19/08	1700

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID: _____
Contact Person: _____ Phone: _____
Supplier of Water: _____
Site Address: _____

GROUNDWATER SAMPLING LOG

SITE NAME: MARANI ASPHALT		SITE LOCATION: RAILCARS 49191 + 18583	
WELL NUMBER:	SAMPLE ID: 49191 / 18583	SAMPLE DATE: 9/1/01	

PURGING DATA

WELL	.75, 1.0, 1.25,	TOTAL WELL DEPTH	STATIC DEPTH TO WATER	TOTAL WELL
DIAMETER (in):	2.0, 3.0, 4.0	FROM T.O.C. (ft):	FROM T.O.C. (ft):	VOLUME (FT):
ONE WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =				

PURGE METHOD:	Peristaltic ESP, Bladder	PURGE INITIATED AT:			PURGE ENDED AT:			TOTAL VOL. PURGED (gal):	
		gal.	gal.	gal.	gal.	gal.	gal.	gal.	gal.
Total "VOL. PURGED (gal)									
PURGE RATE (gpm)									
DEPTH TO WATER (ft)									
PH									
TEMP.									
DEGREE CEL.									
COND. (umhos)									
D.O. (mg/L)									
TURBIDITY (NTUs)									
COLOR	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N
ODOR	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N	Y or N

WELL CAPACITY (GALLONS per FOOT): 0.75" = 0.02; 1" = 0.04; 1.25 = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLING METHOD(S): SAMPLE TNEIF	ESP, Bladder Plumbed	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1130
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)	
FIELD CONDITION: CLEAR	CLOUDY	RAINING: OVERCAST - LIGHT RAIN	
CIRCLE ONE			
Field Remarks: OVERCAST, LIGHT RAIN. USED SAMPLE TNEIF FOR COMPOSITE REPRESENTATIVE INTG			
Amber Glass Jars.			
Field Meters Calibrations	Turbidity NTUs = 4.00 = 40.00 =	DO mg/L =	
PH - 4.00 = 7.00 = 10.00 =	COND.umhos 1000 =		500 =
SAMPLED BY (PRINT): DON	SAMPLER'S SIGNATURE(S): <i>[Signature]</i>		
AFFILIATION: CLIFF DEERY, INC			



**Advanced
Environmental Laboratories, Inc.**

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

QCBatch: J0907063

Method:

PrepMethod:

I. RECEIPT

Samples for J0907063 were received outside thermal preservation not on ice. FDEP was on site and advised against thermal preservation. No data qualifier necessary.

II. HOLDING TIMES

Preparation: All holding times were met.
Analysis: All holding times were met.

III. PREPARATION

Sample preparation proceeded normally.

VI. ANALYSIS

A. Calibration: All acceptance criteria were met.
B. Blanks: All acceptance criteria were met.
C. Surrogates: All acceptance criteria were met.
D. Spikes: All acceptance criteria were met.
E. Internal Standard: All acceptance criteria were met.
F. Samples: Sample analyses proceeded normally.
G. Other:

I certify that this data package is in compliance with the terms and conditions agreed to by Advanced Environmental Laboratories, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette:

**Advance
Environmental Laboratories, Inc.**

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350 FAX (904) 363-9354

QCBatch: **MSVj/18523**
Method: SW-846 8260 B
PrepMethod: SW-846 5030B

I. RECEIPT

No Exceptions were encountered.

II. HOLDING TIMES

Preparation: All holding times were met.
Analysis: All holding times were met.

III. PREPARATION

Sample preparation proceeded normally.

VI. ANALYSIS

- A. All acceptance criteria were met.
- B. Blanks: The Method Blank contained low levels of Methylene Chloride above the Method Detection Limit (MDL). In accordance with AEL QA, all sample results found in the method blank are flagged with a V qualifier to indicate the data is an estimate.
- C. The upper control criterion were exceeded for the following surrogate in J0907063003 due to matrix interference: Toluene-d8. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected, as internal recoveries were within acceptance criteria of the ICAL and are consistent with quality control samples. The sample matrix was a dark brown TCLP, and it contained high concentration levels of non-target analytes. No further corrective action is required.
- D. Spikes: All acceptance criteria were met.
- E. Internal: All acceptance criteria were met.
- F. Samples: Sample analyses proceeded normally.
- G. Other:

I certify that this data package is in compliance with the terms and conditions agreed to by Advanced Environmental Laboratories, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette: