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March 27, 2013

Ms. Ann Brown
Project Manager
Stamford Urban Transitway
City of Stamford
888 Washington Boulevard
Stamford, CT 06904-2152

RE: Waste Stock Pile Area Sampling
Stamford Urban Transitway
TRC Project Number: 201227.0000.0000

Dear Ann:

TRC Environmental Corporation (TRC) has evaluated the soil data from the sampling conducted on the soil pile at the Waste Stockpile Area (WSA) located on Myrtle Avenue in Stamford, Connecticut. Approximately 7000 yards of soil in the WSA remain from the first phase of the Stamford Urban Transitway (SUT) construction.

Sampling Procedures

On March 6, 2013 TRC was on-site at Myrtle Avenue in Stamford, Connecticut to collect seven composite soil samples from the WSA to determine the environmental quality of the soils. Soil samples were collected from seven different areas of the stockpile for the following analysis:

Priority Pollutant Semivolatile Compounds, EPA Method 8270,
Priority Pollutant Volatile Organic Compounds, EPA Method 8260,
Extractable Total Petroleum Hydrocarbons (ETPH), Connecticut Method,
Priority Pollutant Metals, EPA Method 6010 (HG Method),
Leachable Priority Pollutant Metals, EPA Method 6010 (HG Method)
Pesticides, EPA Method 8081,
PCBs, EPA Method 8082,
Herbicides, EPA Method 8151
Total and Reactive Cyanide, Sulfide, pH and Flashpoint

The samples were collected using a properly decontaminated shovel and were obtained from between one and two feet below the stockpile's surface. The environmental soil samples were submitted to Complete Environmental Testing, Inc. of Stratford, Connecticut under proper chain-of-custody procedures.

Sampling Results

Volatile organic compounds (VOCs) were not reported to be present in any one of the seven soil samples collected from the WSA.

Semi-volatile organic compounds (SVOCs) were detected in all seven of the soil samples collected from the WSA. The concentrations of SVOCs reported to be present in five of the seven samples (ETI WSA Myrtle 8, ETI WSA Myrtle 9, ETI WSA Myrtle 10, ETI WSA Myrtle 12, and ETI WSA Myrtle 13) were below applicable RDEC and GAPMC. In the remaining two samples, concentrations of benzo(b)fluoranthene were reported to be present at concentrations that exceeded the Residential Direct Exposure Criteria (RDEC) and the GA/GB Pollutant Mobility Criteria (GAPMC/GBPMC). The reported concentrations did not exceed the industrial/commercial Direct Exposure Criteria (I/CDEC).

Priority Pollutant Metals were reported to be present in all seven of the soil samples collected from the WSA. None of the reported total metals concentrations exceeded their respective RDEC. The results of the SPLP extraction of the samples reported only concentrations of leachable zinc. These reported concentrations did not exceed the zinc GAPMC.

ETPH concentrations were detected in six of the seven soil samples (all samples except for ETI WSA Myrtle 14). None of the ETPH concentrations exceeded the either the RDEC or the GAPMC.

Pesticides, herbicides, PCBs total or reactive cyanide, and sulfide were not detected in any of the soil samples. None of the samples were reported to have a flashpoint less that 200°F.

Conclusions

The majority of the samples from the WSA pile did not contain concentrations of contaminants above RSRs standards. The presence of low-level SVOCs and ETPH indicate that the soil has been impacted by heavier hydrocarbons as a result of its presence below or as part of the re-constructed Transitway. The CET laboratory results package is attached to this document for reference.

If you have any questions, please feel free to contact me at (860) 298-6219 or strombetta@trcsolutions.com .

Yours truly,
TRC ENVIRONMENTAL CORPORATION

Sarah J. Trombetta, LEP, CPG, CHMM
Senior Project Manager

Attachment

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Sarah Trombetta
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET # 13030077

Report Date: March 15, 2013
Client Project: SUT, Stamford
Client Project #: 155174

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013	10:05	03/06/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013	10:10	03/06/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013	10:15	03/06/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013	10:20	03/06/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013	10:25	03/06/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013	10:30	03/06/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013	10:35	03/06/2013

Sample temperature upon receipt was 1.1 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/7/2013	3/11/2013	3/11/2013	3/11/2013

Acid Digestion [EPA 3050B]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/7/2013	3/7/2013	3/7/2013	3/7/2013

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/7/2013	3/7/2013	3/7/2013

Accelerated Solv Ext.- Herbicides [EPA 3545A]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/8/2013	3/8/2013	3/8/2013	3/8/2013

Accelerated Solv Ext.- Herbicides [EPA 3545A]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/8/2013	3/8/2013	3/8/2013

Accelerated Solvent Ext.- PCBs [EPA 3545A]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/6/2013	3/6/2013	3/6/2013	3/6/2013

Accelerated Solvent Ext.- PCBs [EPA 3545A]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/6/2013	3/6/2013	3/6/2013

Accelerated Solvent Ext.- Pest [EPA 3545A]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/6/2013	3/6/2013	3/6/2013	3/6/2013

Accelerated Solvent Ext.- Pest [EPA 3545A]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/6/2013	3/6/2013	3/6/2013

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/9/2013	3/9/2013	3/9/2013	3/9/2013

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/9/2013	3/9/2013	3/9/2013

SPLP, Metals [EPA 1312]

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/11/2013	3/11/2013	3/11/2013	3/11/2013

SPLP, Metals [EPA 1312]

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013

ANALYSIS:

Cyanide, Total Dup Res [9010/9012] Units: mg/kg Dry Wt.

Client ID	ET1 WSA Myrtle 8
CET ID	AF26277
Date Analyzed	3/7/2013
Cyanide, Total Dup Res	ND < 1.1

Mercury Dup Result [EPA 7471B] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8
CET ID	AF26277
Date Analyzed	3/11/2013
Mercury Dup Result	ND < 0.30

Cyanide, Total [9010/9012] Units: mg/kg Dry Wt.

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/7/2013	3/7/2013	3/7/2013	3/7/2013
Cyanide, Total	ND < 1.1	ND < 1.1	ND < 1.1	ND < 1.1

Cyanide, Total [9010/9012] Units: mg/kg Dry Wt.

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/7/2013	3/7/2013	3/7/2013
Cyanide, Total	ND < 1.1	ND < 1.1	ND < 1.1

Sulfide [EPA 9030] Units: mg/kg

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/15/2013	3/15/2013	3/15/2013	3/15/2013
Sulfide	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0

Sulfide [EPA 9030] Units: mg/kg

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/15/2013	3/15/2013	3/15/2013
Sulfide	ND < 5.0	ND < 5.0	ND < 5.0

SPLP Mercury [EPA 6020A] Units: mg/l

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/12/2013	3/12/2013	3/12/2013	3/12/2013
SPLP Mercury	ND < 0.002	ND < 0.002	ND < 0.002	ND < 0.002

SPLP Mercury [EPA 6020A] Units: mg/l

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/12/2013	3/12/2013	3/12/2013
SPLP Mercury	ND < 0.002	ND < 0.002	ND < 0.002

Total Mercury [EPA 7471B] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/11/2013	3/11/2013	3/11/2013	3/11/2013
Total Mercury	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30

Total Mercury [EPA 7471B] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013
Total Mercury	ND < 0.30	ND < 0.30	ND < 0.30

Flash Point (Ignitability) [EPA 1010] Units: Degrees F

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/11/2013	3/11/2013	3/11/2013	3/11/2013
Flash Point (Ignitability)	>200	>200	>200	>200

Flash Point (Ignitability) [EPA 1010] Units: Degrees F

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013
Flash Point (Ignitability)	>200	>200	>200

pH [EPA 9045C] Units: S.U.

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/6/2013	3/6/2013	3/6/2013	3/6/2013
pH	8.43	8.31	8.41	8.47

pH [EPA 9045C] Units: S.U.

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/6/2013	3/6/2013	3/6/2013
pH	8.43	8.54	8.59

Reactivity (Cyanide) [SW 846 CH.7] Units: mg/kg

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/12/2013	3/12/2013	3/12/2013	3/12/2013
Reactivity (Cyanide)	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0

Reactivity (Cyanide) [SW 846 CH.7] Units: mg/kg

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/12/2013	3/12/2013	3/12/2013
Reactivity (Cyanide)	ND < 5.0	ND < 5.0	ND < 5.0

Reactivity (Sulfide) [SW 846 CH.7] Units: mg/kg

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/12/2013	3/12/2013	3/12/2013	3/12/2013
Reactivity (Sulfide)	ND < 20	ND < 20	ND < 20	ND < 20

Reactivity (Sulfide) [SW 846 CH.7] Units: mg/kg

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/12/2013	3/12/2013	3/12/2013
Reactivity (Sulfide)	ND < 20	ND < 20	ND < 20

Total Solids [EPA 160.3 mo] Units: percent

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/11/2013	3/11/2013	3/11/2013	3/11/2013
Total Solids	92	93	91	92

Total Solids [EPA 160.3 mo] Units: percent

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013
Total Solids	93	93	92

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/7/2013	3/11/2013	3/11/2013	3/11/2013
Lead	21	25	27	24
Selenium	ND < 1.5	2.9	3.4	2.7
Cadmium	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Chromium	18	19	21	19
Arsenic	2.6	3.6	3.6	3.2
Silver	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5
Copper	16	18	24	16
Nickel	12	12	17	13
Zinc	50	56	58	54
Beryllium	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5
Antimony	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5
Thallium	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013
Lead	28	34	39
Selenium	2.8	3.4	3.5
Cadmium	ND < 1.0	ND < 1.0	ND < 1.0
Chromium	20	21	21
Arsenic	4.1	4.1	4.2
Silver	ND < 2.5	ND < 2.5	ND < 2.5
Copper	20	24	27
Nickel	13	14	14
Zinc	54	59	72
Beryllium	ND < 1.5	ND < 1.5	ND < 1.5
Antimony	ND < 2.5	ND < 2.5	ND < 2.5
Thallium	ND < 2.5	ND < 2.5	ND < 2.5

Total Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 9
CET ID	AF26278
Date Analyzed	3/11/2013
Lead	27
Selenium	3.1
Cadmium	ND < 1.0
Chromium	19
Arsenic	3.7
Silver	ND < 2.5
Copper	20
Nickel	13
Zinc	54
Beryllium	ND < 1.5
Antimony	ND < 2.5
Thallium	ND < 2.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/12/2013	3/12/2013	3/12/2013	3/12/2013
Lead	ND < 0.013	ND < 0.013	ND < 0.013	0.014
Selenium	ND < 0.01	ND < 0.01	ND < 0.01	ND < 0.01
Cadmium	ND < 0.005	ND < 0.005	ND < 0.005	ND < 0.005
Chromium	ND < 0.05	ND < 0.05	ND < 0.05	ND < 0.05
Arsenic	ND < 0.009	ND < 0.009	ND < 0.009	ND < 0.009
Silver	ND < 0.02	ND < 0.02	ND < 0.02	ND < 0.02
Copper	ND < 0.04	ND < 0.04	ND < 0.04	ND < 0.04
Nickel	ND < 0.05	ND < 0.05	ND < 0.05	ND < 0.05
Zinc	0.029	0.034	0.028	0.032
Beryllium	ND < 0.004	ND < 0.004	ND < 0.004	ND < 0.004
Antimony	ND < 0.006	ND < 0.006	ND < 0.006	ND < 0.006
Thallium	ND < 0.005	ND < 0.005	ND < 0.005	ND < 0.005

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/12/2013	3/12/2013	3/12/2013
Lead	ND < 0.013	0.014	ND < 0.013
Selenium	ND < 0.01	ND < 0.01	ND < 0.01
Cadmium	ND < 0.005	ND < 0.005	ND < 0.005
Chromium	ND < 0.05	ND < 0.05	ND < 0.05
Arsenic	ND < 0.009	ND < 0.009	ND < 0.009
Silver	ND < 0.02	ND < 0.02	ND < 0.02
Copper	ND < 0.04	ND < 0.04	ND < 0.04
Nickel	ND < 0.05	ND < 0.05	ND < 0.05
Zinc	0.034	0.041	0.03
Beryllium	ND < 0.004	ND < 0.004	ND < 0.004
Antimony	ND < 0.006	ND < 0.006	ND < 0.006
Thallium	ND < 0.005	ND < 0.005	ND < 0.005

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	ET1 WSA Myrtle 8
CET ID	AF26277
Date Analyzed	3/12/2013
Lead	ND < 0.013
Selenium	ND < 0.01
Cadmium	ND < 0.005
Chromium	ND < 0.05
Arsenic	ND < 0.009
Silver	ND < 0.02
Copper	ND < 0.04
Nickel	ND < 0.05
Zinc	0.032
Beryllium	ND < 0.004
Antimony	ND < 0.006
Thallium	ND < 0.005

EPA 8081B Chlorinated Pesticides [EPA 8081B] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/11/2013	3/11/2013	3/11/2013	3/11/2013
Dilution	1	1	1	1
4,4-DDD	ND < 33	ND < 33	ND < 33	ND < 33
4,4-DDE	ND < 22	ND < 22	ND < 22	ND < 22
4,4-DDT	ND < 22	ND < 22	ND < 22	ND < 22
4,4-Methoxychlor	ND < 55	ND < 54	ND < 55	ND < 55
Alachlor	ND < 200	ND < 200	ND < 200	ND < 200
Aldrin	ND < 28	ND < 27	ND < 28	ND < 28
Alpha-BHC	ND < 55	ND < 54	ND < 55	ND < 55
Beta-BHC	ND < 55	ND < 54	ND < 55	ND < 55
Chlordane	ND < 44	ND < 44	ND < 44	ND < 44
Delta-BHC	ND < 55	ND < 54	ND < 55	ND < 55
Dieldrin	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Endosulfan I	ND < 55	ND < 54	ND < 55	ND < 55
Endosulfan II	ND < 55	ND < 54	ND < 55	ND < 55
Endosulfan Sulfate	ND < 55	ND < 54	ND < 55	ND < 55
Endrin	ND < 55	ND < 54	ND < 55	ND < 55
Endrin Aldehyde	ND < 55	ND < 54	ND < 55	ND < 55
Endrin Ketone	ND < 55	ND < 54	ND < 55	ND < 55
Gamma-BHC	ND < 22	ND < 22	ND < 22	ND < 22
Heptachlor	ND < 9.0	ND < 9.0	ND < 9.0	ND < 9.0
Heptachlor Epoxide	ND < 14	ND < 13	ND < 14	ND < 14
Toxaphene	ND < 220	ND < 220	ND < 220	ND < 220
TCMX (Surr 1)	77	81	88	77
DCB (Surr 2)	87	89	95	90

EPA 8081B Chlorinated Pesticides [EPA 8081B] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/11/2013
Dilution	1	1	1
4,4-DDD	ND < 33	ND < 33	ND < 33
4,4-DDE	ND < 22	ND < 22	ND < 22
4,4-DDT	ND < 22	ND < 22	32
4,4-Methoxychlor	ND < 54	ND < 54	ND < 55
Alachlor	ND < 200	ND < 200	ND < 200
Aldrin	ND < 27	ND < 27	ND < 28
Alpha-BHC	ND < 54	ND < 54	ND < 55
Beta-BHC	ND < 54	ND < 54	ND < 55
Chlordane	ND < 44	ND < 44	ND < 44
Delta-BHC	ND < 54	ND < 54	ND < 55
Dieldrin	ND < 5.0	ND < 5.0	ND < 5.0
Endosulfan I	ND < 54	ND < 54	ND < 55
Endosulfan II	ND < 54	ND < 54	ND < 55
Endosulfan Sulfate	ND < 54	ND < 54	ND < 55
Endrin	ND < 54	ND < 54	ND < 55
Endrin Aldehyde	ND < 54	ND < 54	ND < 55
Endrin Ketone	ND < 54	ND < 54	ND < 55
Gamma-BHC	ND < 22	ND < 22	ND < 22
Heptachlor	ND < 9.0	ND < 9.0	ND < 9.0
Heptachlor Epoxide	ND < 13	ND < 13	ND < 14
Toxaphene	ND < 220	ND < 220	ND < 220
TCMX (Surr 1)	64	77	89
DCB (Surr 2)	78	79	93

EPA 8082 PCBs [EPA 8082A] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/7/2013	3/7/2013	3/7/2013	3/7/2013
Dilution	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1221	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1232	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1242	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1248	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1254	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1260	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
PCB-1268	ND < 0.28	ND < 0.27	ND < 0.28	ND < 0.28
TCMX (Surr 1) 50-150	83	86	89	92
DCB (Surr 2) 50-150	117	122	128	145

EPA 8082 PCBs [EPA 8082A] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/7/2013	3/7/2013	3/7/2013
Dilution	1.0	1.0	1.0
PCB-1016	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1221	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1232	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1242	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1248	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1254	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1260	ND < 0.27	ND < 0.27	ND < 0.28
PCB-1268	ND < 0.27	ND < 0.27	ND < 0.28
TCMX (Surr 1) 50-150	84	88	90
DCB (Surr 2) 50-150	129	149	102

EPA 8151A Chlorinated Herbicides [EPA 8151A] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/15/2013	3/15/2013	3/15/2013	3/15/2013
Dilution	1.0	1.0	1.0	1.0
2,4,5-T	ND < 91	ND < 91	ND < 91	ND < 91
2,4-D	ND < 455	ND < 455	ND < 455	ND < 455
2,4-DB	ND < 910	ND < 910	ND < 910	ND < 910
3,5-Dichlorobenzoic acid	ND < 91	ND < 91	ND < 91	ND < 91
4-Nitrophenol	ND < 455	ND < 455	ND < 455	ND < 455
Dalapon	ND < 910	ND < 910	ND < 910	ND < 910
Dicamba	ND < 91	ND < 91	ND < 91	ND < 91
Dichloroprop	ND < 455	ND < 455	ND < 455	ND < 455
Dinoseb	ND < 91	ND < 91	ND < 91	ND < 91
PCP	ND < 46	ND < 46	ND < 46	ND < 46
Picloram	ND < 91	ND < 91	ND < 91	ND < 91
Silvex	ND < 91	ND < 91	ND < 91	ND < 91
DCPAA (surr)	76	77	77	79

EPA 8151A Chlorinated Herbicides [EPA 8151A] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/15/2013	3/15/2013	3/15/2013
Dilution	1.0	1.0	1.0
2,4,5-T	ND < 91	ND < 91	ND < 91
2,4-D	ND < 455	ND < 455	ND < 455
2,4-DB	ND < 910	ND < 910	ND < 910
3,5-Dichlorobenzoic acid	ND < 91	ND < 91	ND < 91
4-Nitrophenol	ND < 455	ND < 455	ND < 455
Dalapon	ND < 910	ND < 910	ND < 910
Dicamba	ND < 91	ND < 91	ND < 91
Dichloroprop	ND < 455	ND < 455	ND < 455
Dinoseb	ND < 91	ND < 91	ND < 91
PCP	ND < 46	ND < 46	ND < 46
Picloram	ND < 91	ND < 91	ND < 91
Silvex	ND < 91	ND < 91	ND < 91
DCPAA (surr)	84	82	73

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/11/2013	3/12/2013	3/11/2013	3/11/2013
Dilution	1.0	1.0	1.0	1.0
Pyridine	ND < 109	ND < 108	ND < 110	ND < 109
n-Nitroso-dimethylamine	ND < 327	ND < 323	ND < 330	ND < 327
bis(2-Chloroethyl)ether	ND < 327	ND < 323	ND < 330	ND < 327
Phenol	ND < 327	ND < 323	ND < 330	ND < 327
Aniline	ND < 327	ND < 323	ND < 330	ND < 327
2-Chlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
1,3-Dichlorobenzene	ND < 327	ND < 323	ND < 330	ND < 327
1,4-Dichlorobenzene	ND < 327	ND < 323	ND < 330	ND < 327
Benzyl Alcohol	ND < 327	ND < 323	ND < 330	ND < 327
1,2-Dichlorobenzene	ND < 327	ND < 323	ND < 330	ND < 327
bis(2-chloroisopropyl)ether	ND < 327	ND < 323	ND < 330	ND < 327
Hexachloroethane	ND < 327	ND < 323	ND < 330	ND < 327
N-Nitroso-di-n-propylamine	ND < 327	ND < 323	ND < 330	ND < 327
2-Methyl Phenol	ND < 327	ND < 323	ND < 330	ND < 327
3+4 Methyl Phenol	ND < 327	ND < 323	ND < 330	ND < 327
Nitrobenzene	ND < 327	ND < 323	ND < 330	ND < 327
Isophorone	ND < 327	ND < 323	ND < 330	ND < 327
2-Nitrophenol	ND < 327	ND < 323	ND < 330	ND < 327
2,4-Dimethylphenol	ND < 327	ND < 323	ND < 330	ND < 327
bis(2-Chloroethoxy)methane	ND < 327	ND < 323	ND < 330	ND < 327
Benzoic Acid	ND < 327	ND < 323	ND < 330	ND < 327
2,4-Dichlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
1,2,4-Trichlorobenzene	ND < 327	ND < 323	ND < 330	ND < 327
Naphthalene	ND < 327	ND < 323	ND < 330	ND < 327
2,6-Dichlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
4-Chloroaniline	ND < 327	ND < 323	ND < 330	ND < 327
Hexachlorobutadiene	ND < 327	ND < 323	ND < 330	ND < 327
4-Chloro-3-methylphenol	ND < 327	ND < 323	ND < 330	ND < 327
2-Methyl Naphthalene	ND < 327	ND < 323	ND < 330	ND < 327
Hexachlorocyclopentadiene	ND < 327	ND < 323	ND < 330	ND < 327
2,4,6-Trichlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
2,4,5-Trichlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
2-Chloronaphthalene	ND < 327	ND < 323	ND < 330	ND < 327
2-Nitroaniline	ND < 327	ND < 323	ND < 330	ND < 327
Acenaphthylene	ND < 327	ND < 323	ND < 330	ND < 327
Dimethylphthalate	ND < 327	ND < 323	ND < 330	ND < 327
2,6-Dinitrotoluene	ND < 327	ND < 323	ND < 330	ND < 327
4-Nitroaniline	ND < 327	ND < 323	ND < 330	ND < 327
Acenaphthene	ND < 327	ND < 323	ND < 330	ND < 327
2,4-Dinitrophenol	ND < 327	ND < 323	ND < 330	ND < 327
2,4-Dinitrotoluene	ND < 327	ND < 323	ND < 330	ND < 327
4-Nitrophenol	ND < 327	ND < 323	ND < 330	ND < 327
Dibenzofuran	ND < 327	ND < 323	ND < 330	ND < 327
2,3,4,6-Tetrachlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
Fluorene	ND < 327	ND < 323	ND < 330	ND < 327
4-Chlorophenyl-phenylether	ND < 327	ND < 323	ND < 330	ND < 327
Diethylphthalate	ND < 327	ND < 323	ND < 330	ND < 327
3-Nitroaniline	ND < 327	ND < 323	ND < 330	ND < 327
4,6-Dinitro-2-methylphenol	ND < 327	ND < 323	ND < 330	ND < 327
n-Nitrosodiphenylamine	ND < 327	ND < 323	ND < 330	ND < 327

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
Azobenzene	ND < 327	ND < 323	ND < 330	ND < 327
4-Bromophenyl-phenylether	ND < 327	ND < 323	ND < 330	ND < 327
Hexachlorobenzene	ND < 327	ND < 323	ND < 330	ND < 327
Pentachlorophenol	ND < 327	ND < 323	ND < 330	ND < 327
Benzidine	ND < 327	ND < 323	ND < 330	ND < 327
Phenanthrene	ND < 327	ND < 323	ND < 330	ND < 327
Anthracene	ND < 327	ND < 323	ND < 330	ND < 327
Carbazole	ND < 327	ND < 323	ND < 330	ND < 327
Di-n-butylphthalate	ND < 327	ND < 323	ND < 330	ND < 327
Fluoranthene	430	880	620	980
Pyrene	410	910	580	1100
Butylbenzylphthalate	ND < 327	ND < 323	ND < 330	ND < 327
3,3-Dichlorobenzidine	ND < 327	ND < 323	ND < 330	ND < 327
Benzo[a]anthracene	ND < 327	510	380	770
Chrysene	ND < 327	530	400	800
bis(2-Ethylhexyl)phthalate	ND < 327	ND < 323	ND < 330	ND < 327
Di-n-octylphthalate	ND < 327	ND < 323	ND < 330	ND < 327
Benzo[b]fluoranthene	350	630	530	1100
Benzo[k]fluoranthene	ND < 327	ND < 323	ND < 330	370
Benzo[a]pyrene	ND < 327	590	480	900
Indeno[1,2,3-cd]pyrene	ND < 327	ND < 323	350	620
Dibenz[a,h]anthracene	ND < 327	ND < 323	ND < 330	ND < 327
Benzo[g,h,i]perylene	370	ND < 323	490	780
2-Fluorophenol (Surr) 30-130	72.9	63.9	70.5	74.4
Phenol-d5 (Surr) 30-130	63.2	63.9	63.7	67.5
Nitrobenzene-d5(Surr) 30-130	73.5	59.1	66	66.5
2-Fluorobiphenyl (Surr) 30-130	73.7	68.6	73.2	73.9
2,4,6-Tribromophenol (Surr) 30-130	67.4	68.7	67.7	65.1
Terphenyl-d14 (Surr) 30-130	58.8	68.8	58.9	69.3

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/11/2013	3/11/2013	3/12/2013
Dilution	1.0	1.0	1.0
Pyridine	ND < 108	ND < 108	ND < 109
n-Nitroso-dimethylamine	ND < 323	ND < 323	ND < 327
bis(2-Chloroethyl)ether	ND < 323	ND < 323	ND < 327
Phenol	ND < 323	ND < 323	ND < 327
Aniline	ND < 323	ND < 323	ND < 327
2-Chlorophenol	ND < 323	ND < 323	ND < 327
1,3-Dichlorobenzene	ND < 323	ND < 323	ND < 327
1,4-Dichlorobenzene	ND < 323	ND < 323	ND < 327
Benzyl Alcohol	ND < 323	ND < 323	ND < 327
1,2-Dichlorobenzene	ND < 323	ND < 323	ND < 327
bis(2-chloroisopropyl)ether	ND < 323	ND < 323	ND < 327
Hexachloroethane	ND < 323	ND < 323	ND < 327
N-Nitroso-di-n-propylamine	ND < 323	ND < 323	ND < 327
2-Methyl Phenol	ND < 323	ND < 323	ND < 327
3+4 Methyl Phenol	ND < 323	ND < 323	ND < 327

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
Nitrobenzene	ND < 323	ND < 323	ND < 327
Isophorone	ND < 323	ND < 323	ND < 327
2-Nitrophenol	ND < 323	ND < 323	ND < 327
2,4-Dimethylphenol	ND < 323	ND < 323	ND < 327
bis(2-Chloroethoxy)methane	ND < 323	ND < 323	ND < 327
Benzoic Acid	ND < 323	ND < 323	ND < 327
2,4-Dichlorophenol	ND < 323	ND < 323	ND < 327
1,2,4-Trichlorobenzene	ND < 323	ND < 323	ND < 327
Naphthalene	ND < 323	ND < 323	ND < 327
2,6-Dichlorophenol	ND < 323	ND < 323	ND < 327
4-Chloroaniline	ND < 323	ND < 323	ND < 327
Hexachlorobutadiene	ND < 323	ND < 323	ND < 327
4-Chloro-3-methylphenol	ND < 323	ND < 323	ND < 327
2-Methyl Naphthalene	ND < 323	ND < 323	ND < 327
Hexachlorocyclopentadiene	ND < 323	ND < 323	ND < 327
2,4,6-Trichlorophenol	ND < 323	ND < 323	ND < 327
2,4,5-Trichlorophenol	ND < 323	ND < 323	ND < 327
2-Chloronaphthalene	ND < 323	ND < 323	ND < 327
2-Nitroaniline	ND < 323	ND < 323	ND < 327
Acenaphthylene	ND < 323	ND < 323	ND < 327
Dimethylphthalate	ND < 323	ND < 323	ND < 327
2,6-Dinitrotoluene	ND < 323	ND < 323	ND < 327
4-Nitroaniline	ND < 323	ND < 323	ND < 327
Acenaphthene	ND < 323	ND < 323	ND < 327
2,4-Dinitrophenol	ND < 323	ND < 323	ND < 327
2,4-Dinitrotoluene	ND < 323	ND < 323	ND < 327
4-Nitrophenol	ND < 323	ND < 323	ND < 327
Dibenzofuran	ND < 323	ND < 323	ND < 327
2,3,4,6-Tetrachlorophenol	ND < 323	ND < 323	ND < 327
Fluorene	ND < 323	ND < 323	ND < 327
4-Chlorophenyl-phenylether	ND < 323	ND < 323	ND < 327
Diethylphthalate	ND < 323	ND < 323	ND < 327
3-Nitroaniline	ND < 323	ND < 323	ND < 327
4,6-Dinitro-2-methylphenol	ND < 323	ND < 323	ND < 327
n-Nitrosodiphenylamine	ND < 323	ND < 323	ND < 327
Azobenzene	ND < 323	ND < 323	ND < 327
4-Bromophenyl-phenylether	ND < 323	ND < 323	ND < 327
Hexachlorobenzene	ND < 323	ND < 323	ND < 327
Pentachlorophenol	ND < 323	ND < 323	ND < 327
Benzidine	ND < 323	ND < 323	ND < 327
Phenanthrene	ND < 323	320	ND < 327
Anthracene	ND < 323	ND < 323	ND < 327
Carbazole	ND < 323	ND < 323	ND < 327
Di-n-butylphthalate	ND < 323	ND < 323	ND < 327
Fluoranthene	800	1100	1100
Pyrene	830	1100	1300
Butylbenzylphthalate	ND < 323	ND < 323	ND < 327
3,3-Dichlorobenzidine	ND < 323	ND < 323	ND < 327
Benzo[a]anthracene	620	790	840
Chrysene	660	820	880
bis(2-Ethylhexyl)phthalate	ND < 323	ND < 323	ND < 327
Di-n-octylphthalate	ND < 323	ND < 323	ND < 327
Benzo[b]fluoranthene	910	980	1200

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
Benzo[k]fluoranthene	380	420	520
Benzo[a]pyrene	900	920	960
Indeno[1,2,3-cd]pyrene	730	650	390
Dibenz[a,h]anthracene	ND < 323	ND < 323	ND < 327
Benzo[g,h,i]perylene	970	790	390
2-Fluorophenol (Surr) 30-130	64	63.9	64
Phenol-d5 (Surr) 30-130	61.8	62.1	69.3
Nitrobenzene-d5(Surr) 30-130	55.4	60.5	62.5
2-Fluorobiphenyl (Surr) 30-130	63.7	68.2	71.6
2,4,6-Tribromophenol (Surr) 30-130	62.6	66.4	68.2
Terphenyl-d14 (Surr) 30-130	68.4	70.7	71.3

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	ET1 WSA Myrtle 9
CET ID	AF26278
Date Analyzed	3/12/2013
Dilution	1.0
Pyridine	ND < 108
n-Nitroso-dimethylamine	ND < 323
bis(2-Chloroethyl)ether	ND < 323
Phenol	ND < 323
Aniline	ND < 323
2-Chlorophenol	ND < 323
1,3-Dichlorobenzene	ND < 323
1,4-Dichlorobenzene	ND < 323
Benzyl Alcohol	ND < 323
1,2-Dichlorobenzene	ND < 323
bis(2-chloroisopropyl)ether	ND < 323
Hexachloroethane	ND < 323
N-Nitroso-di-n-propylamine	ND < 323
2-Methyl Phenol	ND < 323
3+4 Methyl Phenol	ND < 323
Nitrobenzene	ND < 323
Isophorone	ND < 323
2-Nitrophenol	ND < 323
2,4-Dimethylphenol	ND < 323
bis(2-Chloroethoxy)methane	ND < 323
Benzoic Acid	ND < 323
2,4-Dichlorophenol	ND < 323
1,2,4-Trichlorobenzene	ND < 323
Naphthalene	ND < 323
2,6-Dichlorophenol	ND < 323
4-Chloroaniline	ND < 323
Hexachlorobutadiene	ND < 323
4-Chloro-3-methylphenol	ND < 323
2-Methyl Naphthalene	ND < 323
Hexachlorocyclopentadiene	ND < 323
2,4,6-Trichlorophenol	ND < 323
2,4,5-Trichlorophenol	ND < 323
2-Chloronaphthalene	ND < 323

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	ET1 WSA Myrtle 9
2-Nitroaniline	ND < 323
Acenaphthylene	ND < 323
Dimethylphthalate	ND < 323
2,6-Dinitrotoluene	ND < 323
4-Nitroaniline	ND < 323
Acenaphthene	ND < 323
2,4-Dinitrophenol	ND < 323
2,4-Dinitrotoluene	ND < 323
4-Nitrophenol	ND < 323
Dibenzofuran	ND < 323
2,3,4,6-Tetrachlorophenol	ND < 323
Fluorene	ND < 323
4-Chlorophenyl-phenylether	ND < 323
Diethylphthalate	ND < 323
3-Nitroaniline	ND < 323
4,6-Dinitro-2-methylphenol	ND < 323
n-Nitrosodiphenylamine	ND < 323
Azobenzene	ND < 323
4-Bromophenyl-phenylether	ND < 323
Hexachlorobenzene	ND < 323
Pentachlorophenol	ND < 323
Benzidine	ND < 323
Phenanthrene	460
Anthracene	ND < 323
Carbazole	ND < 323
Di-n-butylphthalate	ND < 323
Fluoranthene	1100
Pyrene	980
Butylbenzylphthalate	ND < 323
3,3-Dichlorobenzidine	ND < 323
Benzo[a]anthracene	620
Chrysene	620
bis(2-Ethylhexyl)phthalate	ND < 323
Di-n-octylphthalate	ND < 323
Benzo[b]fluoranthene	720
Benzo[k]fluoranthene	340
Benzo[a]pyrene	610
Indeno[1,2,3-cd]pyrene	ND < 323
Dibenz[a,h]anthracene	ND < 323
Benzo[g,h,i]perylene	ND < 323
2-Fluorophenol (Surr) 30-130	68
Phenol-d5 (Surr) 30-130	69.1
Nitrobenzene-d5(Surr) 30-130	63.7
2-Fluorobiphenyl (Surr) 30-130	74.9
2,4,6-Tribromophenol (Surr) 30-130	74.4
Terphenyl-d14 (Surr) 30-130	75.1

EPA 8151B Chlor. Herb. Dup Resu [EPA 8151A] Units: ug/kg

Client ID	ET1 WSA Myrtle 8
CET ID	AF26277
Date Analyzed	3/15/2013
2,4,5-T	ND < 55
2,4-D	ND < 272
2,4-DB	ND < 544
3,5-Dichlorobenzoic acid	ND < 55
4-Nitrophenol	ND < 272
Dicamba	ND < 55
Dichloroprop	ND < 272
Dinoseb	ND < 55
PCP	ND < 28
Picloram	ND < 55
Silvex	ND < 55
DCPAA (surr)	75

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8
CET ID	AF26277
Date Analyzed	3/12/2013
Dilution	1.0
ETPH	100*
Octacosane (surr)	76.4

*C_{18} – C_{36} May be PNA related/Motor Oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/12/2013	3/12/2013	3/12/2013	3/12/2013
Dilution	1.0	1.0	1.0	1.0
ETPH	99*	110*	290*	120**
Octacosane (surr) 50-150	73.7	73.9	72.5	74.6

*C_{18} – C_{36} May be PNA related/Motor Oil range
**C_{18} – C_{36} May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/12/2013	3/12/2013	3/12/2013
Dilution	1.0	1.0	1.0
ETPH	85**	100**	ND < 55
Octacosane (surr) 50-150	72.4	78.5	75.8

**C_{18} – C_{36} May be PNA related

Volatile Organics [EPA 8260] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 8	ET1 WSA Myrtle 9	ET1 WSA Myrtle 10	ET1 WSA Myrtle 11
CET ID	AF26277	AF26278	AF26279	AF26280
Date Analyzed	3/8/2013	3/8/2013	3/11/2013	3/11/2013
Dilution	1.3	1.9	1.8	1.4
Dichlorodifluoromethane	ND < 11	ND < 16	ND < 15	ND < 12
Chloromethane	ND < 8.0	ND < 11	ND < 10	ND < 8.0
Vinyl Chloride	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Bromomethane	ND < 8.0	ND < 11	ND < 10	ND < 8.0
Chloroethane	ND < 8.0	ND < 11	ND < 10	ND < 8.0
Acrolein	ND < 36	ND < 52	ND < 49	ND < 38
Trichlorofluoromethane	ND < 29	ND < 42	ND < 40	ND < 30
1,1-Dichloroethene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Methylene Chloride	ND < 36	ND < 52	ND < 49	ND < 38
Acrylonitrile	ND < 6.0	ND < 9.0	ND < 8.0	ND < 6.0
trans-1,2-Dichloroethene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,1-Dichloroethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Chloroform	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,1,1-Trichloroethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Carbon Tetrachloride	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Benzene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,2-Dichloroethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Trichloroethene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,2-Dichloropropane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Bromodichloromethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
2-Chloroethyl Vinyl Ether	ND < 18	ND < 26	ND < 25	ND < 19
cis-1,3-Dichloropropene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Toluene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Tetrachloroethene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Dibromochloromethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Chlorobenzene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Ethylbenzene	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
Bromoform	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0	ND < 6.0	ND < 5.0	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	112	115	107	113
toluene-d8 (SURR) 70-130	98.5	99.3	98	99.5
4-bromofluorobenzene (SURR) 70-130	91.9	92.1	94.8	90.7

Volatile Organics [EPA 8260] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
CET ID	AF26281	AF26282	AF26283
Date Analyzed	3/8/2013	3/7/2013	3/8/2013
Dilution	1.4	1.2	1.8
Dichlorodifluoromethane	ND < 12	ND < 10	ND < 15
Chloromethane	ND < 8.0	ND < 7.0	ND < 10
Vinyl Chloride	ND < 4.0	ND < 4.0	ND < 5.0
Bromomethane	ND < 8.0	ND < 7.0	ND < 10
Chloroethane	ND < 8.0	ND < 7.0	ND < 10
Acrolein	ND < 39	ND < 34	ND < 50

Volatile Organics [EPA 8260] Units: ug/kg (Dry Wt)

Client ID	ET1 WSA Myrtle 12	ET1 WSA Myrtle 13	ET1 WSA Myrtle 14
Trichlorofluoromethane	ND < 31	ND < 27	ND < 40
1,1-Dichloroethene	ND < 4.0	ND < 4.0	ND < 5.0
Methylene Chloride	ND < 39	ND < 34	ND < 50
Acrylonitrile	ND < 7.0	ND < 6.0	ND < 8.0
trans-1,2-Dichloroethene	ND < 4.0	ND < 4.0	ND < 5.0
1,1-Dichloroethane	ND < 4.0	ND < 4.0	ND < 5.0
cis-1,2-Dichloroethene	ND < 4.0	ND < 4.0	ND < 5.0
Chloroform	ND < 4.0	ND < 4.0	ND < 5.0
1,1,1-Trichloroethane	ND < 4.0	ND < 4.0	ND < 5.0
Carbon Tetrachloride	ND < 4.0	ND < 4.0	ND < 5.0
Benzene	ND < 4.0	ND < 4.0	ND < 5.0
1,2-Dichloroethane	ND < 4.0	ND < 4.0	ND < 5.0
Trichloroethene	ND < 4.0	ND < 4.0	ND < 5.0
1,2-Dichloropropane	ND < 4.0	ND < 4.0	ND < 5.0
Bromodichloromethane	ND < 4.0	ND < 4.0	ND < 5.0
2-Chloroethyl Vinyl Ether	ND < 20	ND < 17	ND < 25
cis-1,3-Dichloropropene	ND < 4.0	ND < 4.0	ND < 5.0
Toluene	ND < 4.0	ND < 4.0	ND < 5.0
trans-1,3-Dichloropropene	ND < 4.0	ND < 4.0	ND < 5.0
1,1,2-Trichloroethane	ND < 4.0	ND < 4.0	ND < 5.0
Tetrachloroethene	ND < 4.0	ND < 4.0	ND < 5.0
Dibromochloromethane	ND < 4.0	ND < 4.0	ND < 5.0
Chlorobenzene	ND < 4.0	ND < 4.0	ND < 5.0
Ethylbenzene	ND < 4.0	ND < 4.0	ND < 5.0
Bromoform	ND < 4.0	ND < 4.0	ND < 5.0
1,1,2,2-Tetrachloroethane	ND < 4.0	ND < 4.0	ND < 5.0
1,2 Dichloroethane-d4 (SURR) 70-130	117	132 H	111
toluene-d8 (SURR) 70-130	98.5	99	97.7
4-bromofluorobenzene (SURR) 70-130	91.3	92.2	98.4

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET # 13030077

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List; 8260 Aromatics; 8260 Halogens; CT ETPH; 8270 CT List; 8270 PNAs; PCBs; Pesticides; Herbicides

Metals (check all that apply): 13 Priority Poll; 8 RCRA; TOTAL; TCLP; SPLP Priority Pest Metals; Field Filtered; Lab To Filter

Additional Analysis: Priority Pollutant VOCs; Priority Pollutant SVOCs; Cyanide; Sulfide; Reactivity; pH; Flashpoint

Sample ID	Date/Time	Matrix	Turnaround	Organics	Metals	Additional Analysis	TOTAL # OF CONT.	NOTE #
ETI WSA Myrtle 8	3/6/13 / 1005	S	Std (5-7 Days)	CT ETPH; PCBs; Pesticides; Herbicides	13 Priority Poll; SPLP Priority Pest Metals	Priority Pollutant VOCs; Priority Pollutant SVOCs; Cyanide; Sulfide; Reactivity; pH; Flashpoint	5	
ETI WSA Myrtle 9	/ 1010							
ETI WSA Myrtle 10	/ 1015							
ETI WSA Myrtle 11	/ 1020							
ETI WSA Myrtle 12	/ 1025							
ETI WSA Myrtle 13	/ 1030							
ETI WSA Myrtle 14	/ 1035							
							35	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	3/6/13 11:55	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: TRC
Address: 21 Griffin Road North
City: Windsor State: CT Zip: 06095
Report To: Strombetta@trcsolutions.com Email: Sarah Trombetta
Phone #: 860-298-9692 Fax #: 860-298-6399

Project Information

Project Contact: Sarah Trombetta PO #:
Project: SUT Project #: 155171
Location: Stamford CT Collector(s): K. Sheffield

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Temp Upon Receipt 1.1 (Y) °C or N

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 12/11

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** TRC Environmental Consultants

Project Location: SUT, Stamford ***Project Number:*** 155174

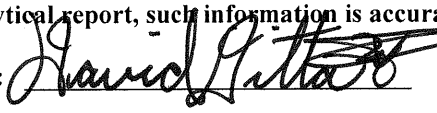
Laboratory Sample ID(s): AF26277 – AF26283 ***Sampling Date(s):*** 3/6/13

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 13030077

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒Yes ☐No
3	Were samples received at an appropriate temperature (<6°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐Yes ☒No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 3/18/13

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: SUT, Stamford
CET#: 13030077

Blank/LCS Report

QA Type: EPA 8082 PCBs Date Analyzed: 3/6/2013 Batch ID: 84626

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.20	91	50-150
PCB-1260	ND<0.20	90	50-150

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: Volatile Organics Date Analyzed: 3/6/2013 Batch ID: 84628

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	101	70-130
Chloromethane	ND<2.7	109	70-130
Vinyl Chloride	ND<1.6	76	70-130
Bromomethane	ND<5.0	85	70-130
Chloroethane	ND<5.0	101	70-130
Trichlorofluoromethane	ND<25	111	70-130
1,1-Dichloroethene	ND<1.0	84	70-130
Methylene Chloride	ND<5.0	145 H	70-130
Acrylonitrile	ND<20	154 H	70-130
trans-1,2-Dichloroethene	ND<1.0	98	70-130
1,1-Dichloroethane	ND<1.0	113	70-130
cis-1,2-Dichloroethene	ND<1.0	127	70-130
Chloroform	ND<1.0	109	70-130
1,1,1-Trichloroethane	ND<1.0	112	70-130
Carbon Tetrachloride	ND<1.0	111	70-130
Benzene	ND<1.0	104	70-130
1,2-Dichloroethane	ND<1.0	115	70-130
Trichloroethene	ND<1.0	101	70-130
1,2-Dichloropropane	ND<1.0	114	70-130
Bromodichloromethane	ND<0.5	112	70-130
cis-1,3-Dichloropropene	ND<0.5	116	70-130
Toluene	ND<1.0	105	70-130
trans-1,3-Dichloropropene	ND<0.5	123	70-130
1,1,2-Trichloroethane	ND<1.0	116	70-130

Project: SUT, Stamford
Cet#: 13030077

QA Type: Volatile Organics Date Analyzed: 3/6/2013 Batch ID: 84628

Analyte	Blank	LCS%Rec	LCS CL
Tetrachloroethene	ND<1.0	106	70-130
Dibromochloromethane	ND<0.5	112	70-130
Chlorobenzene	ND<1.0	106	70-130
Ethylbenzene	ND<1.0	105	70-130
Bromoform	ND<1.0	126	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	128	70-130

All associated samples: AF26282

QA Type: Total Metals Date Analyzed: 3/7/2013 Batch ID: 84636

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	87	80-120
Selenium	ND<1.0	93	80-120
Cadmium	ND<0.5	90	80-120
Chromium	ND<2.0	90	80-120
Arsenic	ND<1.0	91	80-120
Silver	ND<2.0	94	80-120
Copper	ND<2.0	95	80-120
Nickel	ND<2.0	86	80-120
Zinc	ND<2.0	97	80-120
Beryllium	ND<1.0	94	80-120
Antimony	ND<2.0	93	80-120
Thallium	ND<2.0	90	80-120

All associated samples: AF26277

QA Type: Cyanide, Total Date Analyzed: 3/7/2013 Batch ID: 84640

Analyte	Blank	LCS%Rec	LCS CL
Cyanide, Total	ND<5.0	90	80-120

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: Semi-Volatile Organics Date Analyzed: 3/11/2013 Batch ID: 84653

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	34	30-130
n-Nitroso-dimethylamine	ND<300	43	40-140
bis(2-Chloroethyl)ether	ND<300	43	40-140
Phenol	ND<300	46	30-130
Aniline	ND<300	37	30-130
2-Chlorophenol	ND<300	45	30-130
1,3-Dichlorobenzene	ND<300	41	40-140
1,4-Dichlorobenzene	ND<300	42	40-140
Benzyl Alcohol	ND<300	22 L	30-130
1,2-Dichlorobenzene	ND<300	43	40-140
bis(2-chloroisopropyl)ether	ND<300	45	40-140
Hexachloroethane	ND<300	42	40-140
N-Nitroso-di-n-propylamine	ND<300	44	40-140
2-Methyl Phenol	ND<300	41	30-130
3+4 Methyl Phenol	ND<300	44	30-130
Nitrobenzene	ND<300	42	40-140
Isophorone	ND<300	43	40-140
2-Nitrophenol	ND<300	43	30-130
2,4-Dimethylphenol	ND<300	36	30-130
bis(2-Chloroethoxy)methane	ND<300	43	40-140
Benzoic Acid	ND<300	34 L	40-140
2,4-Dichlorophenol	ND<300	44	30-130
1,2,4-Trichlorobenzene	ND<300	44	40-140

Project: SUT, Stamford
Cet#: 13030077

QA Type: Semi-Volatile Organics Date Analyzed: 3/11/2013 Batch ID: 84653

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	43	40-140
2,6-Dichlorophenol	ND<300	35	30-130
4-Chloroaniline	ND<300	36	30-130
Hexachlorobutadiene	ND<300	43	40-140
4-Chloro-3-methylphenol	ND<300	40	30-130
2-Methyl Naphthalene	ND<300	45	40-140
Hexachlorocyclopentadiene	ND<300	25 L	40-140
2,4,6-Trichlorophenol	ND<300	32	30-130
2,4,5-Trichlorophenol	ND<300	46	30-130
2-Chloronaphthalene	ND<300	41	30-130
2-Nitroaniline	ND<300	43	30-130
Acenaphthylene	ND<300	43	40-140
Dimethylphthalate	ND<300	44	40-140
2,6-Dinitrotoluene	ND<300	43	40-140
4-Nitroaniline	ND<300	57	30-130
Acenaphthene	ND<300	44	40-140
2,4-Dinitrophenol	ND<300	35	30-130
2,4-Dinitrotoluene	ND<300	44	40-140
4-Nitrophenol	ND<300	46	30-130
Dibenzofuran	ND<300	45	40-140
2,3,4,6-Tetrachlorophenol	ND<300	43	40-140
Fluorene	ND<300	44	40-140
4-Chlorophenyl-phenylether	ND<300	44	40-140
Diethylphthalate	ND<300	44	40-140
3-Nitroaniline	ND<300	41	30-130
4,6-Dinitro-2-methylphenol	ND<300	36	30-130
n-Nitrosodiphenylamine	ND<300	50	40-140
Azobenzene	ND<300	43	30-130
4-Bromophenyl-phenylether	ND<300	45	40-140
Hexachlorobenzene	ND<300	44	40-140
Pentachlorophenol	ND<300	39	30-130
Phenanthrene	ND<300	45	40-140
Anthracene	ND<300	46	40-140
Carbazole	ND<300	74	40-140
Di-n-butylphthalate	ND<300	47	40-140
Fluoranthene	ND<300	46	40-140
Pyrene	ND<300	46	40-140
Butylbenzylphthalate	ND<300	44	40-140
3,3-Dichlorobenzidine	ND<300	38 L	40-140
Benzo[a]anthracene	ND<300	45	40-140
Chrysene	ND<300	45	40-140
bis(2-Ethylhexyl)phthalate	ND<300	45	40-140
Di-n-octylphthalate	ND<300	46	40-140
Benzo[b]fluoranthene	ND<300	63	40-140
Benzo[k]fluoranthene	ND<300	78	40-140
Benzo[a]pyrene	ND<300	70	40-140
Indeno[1,2,3-cd]pyrene	ND<300	80	40-140
Dibenz[a,h]anthracene	ND<300	81	40-140
Benzo[g,h,i]perylene	ND<300	79	40-140

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

Project: SUT, Stamford
Cet#: 13030077

QA Type: EPA 8081B Chlorinated Pesticides Date Analyzed: 3/8/2013 Batch ID: 84663

Analyte	Blank	LCS%Rec	LCS CL
4,4-DDD	ND<30	96	40-140
4,4-DDE	ND<20	94	40-140
4,4-DDT	ND<20	91	40-140
4,4-Methoxychlor	ND<50	96	40-140
Aldrin	ND<25	93	40-140
Alpha-BHC	ND<50	88	40-140
Beta-BHC	ND<25	91	40-140
Delta-BHC	ND<50	96	40-140
Dieldrin	ND<5.0	96	40-140
Endosulfan I	ND<50	91	40-140
Endosulfan II	ND<50	86	40-140
Endosulfan Sulfate	ND<50	99	40-140
Endrin	ND<50	80	40-140
Endrin Aldehyde	ND<50	139	40-140
Endrin Ketone	ND<50	104	40-140
Gamma-BHC	ND<12	91	40-140
Heptachlor	ND<9.0	91	40-140
Heptachlor Epoxide	ND<15	94	40-140

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: Volatile Organics Date Analyzed: 3/8/2013 Batch ID: 84687

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	115	70-130
Chloromethane	ND<2.7	121	70-130
Vinyl Chloride	ND<1.6	97	70-130
Bromomethane	ND<5.0	110	70-130
Chloroethane	ND<5.0	114	70-130
Trichlorofluoromethane	ND<25	95	70-130
1,1-Dichloroethene	ND<1.0	110	70-130
Methylene Chloride	ND<5.0	190 H	70-130
Acrylonitrile	ND<20	126	70-130
trans-1,2-Dichloroethene	ND<1.0	94	70-130
1,1-Dichloroethane	ND<1.0	111	70-130
cis-1,2-Dichloroethene	ND<1.0	122	70-130
Chloroform	ND<1.0	104	70-130
1,1,1-Trichloroethane	ND<1.0	81	70-130
Carbon Tetrachloride	ND<1.0	80	70-130
Benzene	ND<1.0	107	70-130
1,2-Dichloroethane	ND<1.0	89	70-130
Trichloroethene	ND<1.0	97	70-130
1,2-Dichloropropane	ND<1.0	117	70-130
Bromodichloromethane	ND<0.5	100	70-130
cis-1,3-Dichloropropene	ND<0.5	108	70-130
Toluene	ND<1.0	103	70-130
trans-1,3-Dichloropropene	ND<0.5	105	70-130
1,1,2-Trichloroethane	ND<1.0	117	70-130
Tetrachloroethene	ND<1.0	99	70-130
Dibromochloromethane	ND<0.5	100	70-130
Chlorobenzene	ND<1.0	107	70-130
Ethylbenzene	ND<1.0	98	70-130
Bromoform	ND<1.0	109	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	132 H	70-130

All associated samples: AF26277 AF26278 AF26281 AF26283

Project: SUT, Stamford
Cet#: 13030077

QA Type: Total Mercury Date Analyzed: 3/11/2013 Batch ID: 84695

Analyte	Blank	LCS%Rec	LCS CL
Total Mercury	ND<0.002	110	80-120

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: Total Metals Date Analyzed: 3/11/2013 Batch ID: 84696

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	97	80-120
Selenium	ND<1.0	100	80-120
Cadmium	ND<0.5	101	80-120
Chromium	ND<2.0	104	80-120
Arsenic	ND<1.0	99	80-120
Silver	ND<2.0	107	80-120
Copper	ND<2.0	106	80-120
Nickel	ND<2.0	97	80-120
Zinc	ND<2.0	106	80-120
Beryllium	ND<1.0	108	80-120
Antimony	ND<2.0	99	80-120
Thallium	ND<2.0	100	80-120

All associated samples: AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: Volatile Organics Date Analyzed: 3/11/2013 Batch ID: 84700

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	195 H	70-130
Chloromethane	ND<2.7	178 H	70-130
Vinyl Chloride	ND<1.6	129	70-130
Bromomethane	ND<5.0	126	70-130
Chloroethane	ND<5.0	128	70-130
Trichlorofluoromethane	ND<25	100	70-130
1,1-Dichloroethene	ND<1.0	117	70-130
Methylene Chloride	ND<5.0	127	70-130
Acrylonitrile	ND<20	171 H	70-130
trans-1,2-Dichloroethene	ND<1.0	105	70-130
1,1-Dichloroethane	ND<1.0	104	70-130
cis-1,2-Dichloroethene	ND<1.0	101	70-130
Chloroform	ND<1.0	92	70-130
1,1,1-Trichloroethane	ND<1.0	74	70-130
Carbon Tetrachloride	ND<1.0	73	70-130
Benzene	ND<1.0	100	70-130
1,2-Dichloroethane	ND<1.0	78	70-130
Trichloroethene	ND<1.0	84	70-130
1,2-Dichloropropane	ND<1.0	100	70-130
Bromodichloromethane	ND<0.5	81	70-130
cis-1,3-Dichloropropene	ND<0.5	91	70-130
Toluene	ND<1.0	88	70-130
trans-1,3-Dichloropropene	ND<0.5	84	70-130
1,1,2-Trichloroethane	ND<1.0	90	70-130
Tetrachloroethene	ND<1.0	82	70-130
Dibromochloromethane	ND<0.5	83	70-130
Chlorobenzene	ND<1.0	88	70-130
Ethylbenzene	ND<1.0	87	70-130
Bromoform	ND<1.0	85	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	103	70-130

All associated samples: AF26279 AF26280

Project: SUT, Stamford
Cet#: 13030077

QA Type: Conn. Extractable TPH Date Analyzed: 3/12/2013 Batch ID: 84723

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	71	60-120

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: SPLP Metals Date Analyzed: 3/12/2013 Batch ID: 84724

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	96	80-120
Selenium	ND<0.01	102	80-120
Cadmium	ND<0.005	98	80-120
Chromium	ND<0.05	96	80-120
Arsenic	ND<0.009	98	80-120
Silver	ND<0.02	97	80-120
Copper	ND<0.04	98	80-120
Nickel	ND<0.05	98	80-120
Zinc	ND<0.02	100	80-120
Beryllium	ND<0.004	98	80-120
Antimony	ND<0.006	99	80-120
Thallium	ND<0.005	94	80-120
Mercury	ND<0.002	97	80-120

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

QA Type: EPA 8151A Chlorinated Herbicides Date Analyzed: 3/15/2013 Batch ID: 84789

Analyte	Blank	LCS%Rec	LCS CL
2,4,5-T	ND<50	70	40-140
2,4-D	ND<250	70	40-140
2,4-DB	ND<500	79	40-140
3,5-Dichlorobenzoic acid	ND<50	72	40-140
4-Nitrophenol	ND<250	89	40-140
Dalapon	ND<500	26	40-140
Dicamba	ND<50	72	40-140
Dichloroprop	ND<250	78	40-140
Dinoseb	ND<50	41	40-140
PCP	ND<25	120	40-140
Picloram	ND<50	42	40-140
Silvex	ND<50	83	40-140

All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283

Project: SUT, Stamford
Cet#: 13030077

Matrix Spike Report

QA Type: Cyanide, Total Date Analyzed: 3/7/2013 Sample ID: AF26277 Client ID: ET1 WSA Myrtle 8

Analyte	SampRes	Amt	MS%R	MS CL
Cyanide, Total	ND<1.1	4.35	88	75-125

QA Type: Total Mercury Date Analyzed: 3/11/2013 Sample ID: AF26277 Client ID: ET1 WSA Myrtle 8

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Total Mercury	ND<0.30	0.902	111	111	75-125	0.00	35

QA Type: Conn. Extractable TPH Date Analyzed: 3/13/2013 Sample ID: AF26277 Client ID: ET1 WSA Myrtle 8

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	99	1630	78	80	50-150	3.00	30

QA Type: SPLP Metals Date Analyzed: 3/12/2013 Sample ID: AF26277 Client ID: ET1 WSA Myrtle 8

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	100	95	75-125	4.60	20
Selenium	ND<0.01	0.40	100	96	75-125	4.60	20
Cadmium	ND<0.005	0.20	98	94	75-125	4.70	20
Chromium	ND<0.05	0.20	98	94	75-125	4.70	20
Arsenic	ND<0.009	0.20	99	94	75-125	4.70	20
Silver	ND<0.02	0.10	96	91	75-125	4.70	20
Copper	ND<0.04	0.20	101	98	75-125	3.00	20
Nickel	ND<0.05	0.20	98	94	75-125	4.20	20
Zinc	0.029	0.20	97	93	75-125	4.20	20
Beryllium	ND<0.004	0.20	98	94	75-125	4.10	20
Antimony	ND<0.006	0.10	98	94	75-125	4.40	20
Thallium	ND<0.005	0.20	92	88	75-125	5.60	20
Mercury	ND<0.002	0.005	99	93	75-125	6.70	20

QA Type: EPA 8151A Chlorinated Herbicides Date Analyzed: 3/15/2013 Sample ID: AF26277 Client ID: ET1 WSA Myrtle 8

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
2,4,5-T	ND<91	130	64	54	50-150	18.00	30
2,4-D	ND<455	652	69	55	50-150	23.00	30
2,4-DB	ND<910	1300	74	62	50-150	17.00	30
3,5-Dichlorobenzoic acid	ND<91	130	68	57	50-150	18.00	30
4-Nitrophenol	ND<455	652	80	64	50-150	23.00	30
Dalapon	ND<910	652	37	28	50-150	26.00	30
Dicamba	ND<91	130	69	64	50-150	6.30	30
Dichloroprop	ND<455	652	80	62	50-150	25.00	30
Dinoseb	ND<91	130	33 L	27 L	50-150	20.00	30
PCP	ND<46	32.6	77	60	50-150	24.00	30
Picloram	ND<91	130	63	51	50-150	21.00	30
Silvex	ND<91	130	71	59	50-150	18.00	30

Project: SUT, Stamford
Cet#: 13030077

QA Type: Semi-Volatile Organics Date Analyzed: 3/12/2013 Sample ID: AF26278 Client ID: ET1 WSA Myrtle 9

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Pyridine	ND<108	4300	49	49	30-130	0.00	30
n-Nitroso-dimethylamine	ND<323	4300	65	67	40-140	3.50	30
bis(2-Chloroethyl)ether	ND<323	4300	60	65	40-140	7.30	30
Phenol	ND<323	4300	65	70	30-130	7.00	30
Aniline	ND<323	4300	49	56	30-130	13.00	30
2-Chlorophenol	ND<323	4300	65	70	30-130	7.00	30
1,3-Dichlorobenzene	ND<323	4300	60	65	40-140	7.30	30
1,4-Dichlorobenzene	ND<323	4300	60	65	40-140	7.30	30
Benzyl Alcohol	ND<323	4300	8 L	10 L	30-130	25.00	30
1,2-Dichlorobenzene	ND<323	4300	63	65	40-140	3.60	30
bis(2-chloroisopropyl)ether	ND<323	4300	63	67	40-140	7.10	30
Hexachloroethane	ND<323	4300	30 L	33 L	40-140	7.60	30
N-Nitroso-di-n-propylamine	ND<323	4300	60	65	40-140	7.30	30
2-Methyl Phenol	ND<323	4300	58	60	30-130	4.00	30
3+4 Methyl Phenol	ND<323	4300	58	60	30-130	4.00	30
Nitrobenzene	ND<323	4300	63	65	40-140	3.60	30
Isophorone	ND<323	4300	63	65	40-140	3.60	30
2-Nitrophenol	ND<323	4300	40	42	30-130	5.90	30
2,4-Dimethylphenol	ND<323	4300	46	54	30-130	14.00	30
bis(2-Chloroethoxy)methane	ND<323	4300	65	67	40-140	3.50	30
Benzoic Acid	ND<323	4300	56	49	40-140	13.00	30
2,4-Dichlorophenol	ND<323	4300	67	72	30-130	6.70	30
1,2,4-Trichlorobenzene	ND<323	4300	65	70	40-140	7.00	30
Naphthalene	ND<323	4300	65	70	40-140	7.00	30
2,6-Dichlorophenol	ND<323	4300	58	63	30-130	7.80	30
4-Chloroaniline	ND<323	4300	49	51	30-130	4.80	30
Hexachlorobutadiene	ND<323	4300	65	67	40-140	3.50	30
4-Chloro-3-methylphenol	ND<323	4300	67	70	30-130	3.50	30
2-Methyl Naphthalene	ND<323	4300	88	91	40-140	2.60	30
Hexachlorocyclopentadiene	ND<323	4300	15 L	14 L	40-140	3.50	30
2,4,6-Trichlorophenol	ND<323	4300	49	49	30-130	0.00	30
2,4,5-Trichlorophenol	ND<323	4300	81	88	30-130	8.20	30
2-Chloronaphthalene	ND<323	4300	65	63	40-140	3.60	30
2-Nitroaniline	ND<323	4300	65	67	30-130	3.50	30
Acenaphthylene	ND<323	4300	70	74	40-140	6.40	30
Dimethylphthalate	ND<323	4300	70	72	40-140	3.20	30
2,6-Dinitrotoluene	ND<323	4300	56	58	40-140	4.00	30
4-Nitroaniline	ND<323	4300	81	86	30-130	5.50	30
Acenaphthene	ND<323	4300	72	72	40-140	0.00	30
2,4-Dinitrophenol	ND<323	4300	15 L	14 L	30-130	3.50	30
2,4-Dinitrotoluene	ND<323	4300	51	54	40-140	4.40	30
4-Nitrophenol	ND<323	4300	65	65	30-130	0.00	30
Dibenzofuran	ND<323	4300	72	74	40-140	3.10	30
2,3,4,6-Tetrachlorophenol	ND<323	4300	65	63	30-130	3.60	
Fluorene	ND<323	4300	72	74	40-140	3.10	30
4-Chlorophenyl-phenylether	ND<323	4300	70	72	40-140	3.20	30
Diethylphthalate	ND<323	4300	70	72	40-140	3.20	30
3-Nitroaniline	ND<323	4300	58	60	30-130	4.00	30
4,6-Dinitro-2-methylphenol	ND<323	4300	11 L	10 L	30-130	11.00	30
n-Nitrosodiphenylamine	ND<323	4300	79	81	40-140	2.90	30
Azobenzene	ND<323	4300	65	70	40-140	7.00	30
4-Bromophenyl-phenylether	ND<323	4300	70	74	40-140	6.40	30
Hexachlorobenzene	ND<323	4300	70	74	40-140	6.40	30
Pentachlorophenol	ND<323	4300	58	56	30-130	4.00	30

Project: SUT, Stamford
Cet#: 13030077

QA Type: Semi-Volatile Organics Date Analyzed: 3/12/2013 Sample ID: AF26278 Client ID: ET1 WSA Myrtle 9

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Phenanthrene	ND<323	4300	79	81	40-140	2.90	30
Anthracene	ND<323	4300	77	79	40-140	3.10	30
Carbazole	ND<323	4300	121	123	40-140	1.60	30
Di-n-butylphthalate	ND<323	4300	74	77	40-140	3.00	30
Fluoranthene	880	4300	73	75	40-140	3.10	30
Pyrene	910	4300	70	72	40-140	3.40	30
Butylbenzylphthalate	ND<323	4300	65	70	40-140	7.00	30
3,3-Dichlorobenzidine	ND<323	4300	42	51	30-140	20.00	30
Benzo[a]anthracene	510	4300	65	70	40-140	6.80	30
Chrysene	530	4300	64	67	40-140	3.50	30
bis(2-Ethylhexyl)phthalate	ND<323	4300	67	72	40-140	6.70	30
Di-n-octylphthalate	ND<323	4300	70	72	40-140	3.20	30
Benzo[b]fluoranthene	630	4300	62	69	40-140	11.00	30
Benzo[k]fluoranthene	ND<323	4300	77	84	40-140	8.70	30
Benzo[a]pyrene	590	4300	58	63	40-140	7.60	30
Indeno[1,2,3-cd]pyrene	ND<323	4300	54	51	40-140	4.40	30
Dibenz[a,h]anthracene	ND<323	4300	56	54	40-140	4.20	30
Benzo[g,h,i]perylene	ND<323	4300	46	46	40-140	0.00	30

QA Type: Total Metals Date Analyzed: 3/11/2013 Sample ID: AF26278 Client ID: ET1 WSA Myrtle 9

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	25	26.9	100	101	75-125	1.40	35
Selenium	2.9	53.8	88	91	75-125	3.30	35
Cadmium	ND<1.0	26.9	85	86	75-125	1.30	35
Chromium	19	26.9	104	113	75-125	8.30	35
Arsenic	3.6	26.9	90	93	75-125	2.50	35
Silver	ND<2.5	5.38	101	104	75-125	2.90	35
Copper	18	26.9	125	122	75-125	2.40	35
Nickel	12	26.9	110	106	75-125	3.70	35
Zinc	56	26.9	94	98	75-125	4.20	35
Beryllium	ND<1.5	26.9	105	115	75-125	9.10	35
Antimony	ND<2.5	5.38	85	87	75-125	2.20	35
Thallium	ND<2.5	26.9	80	81	75-125	1.90	35

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Vinyl Chloride	84628	22 H	20
Methylene Chloride	84628	23 H	20
All associated samples: AF26282			
Initial Calibration VOC			
Chloromethane	84687	24 H	20
Vinyl Chloride	84687	22 H	20
Bromomethane	84687	24 H	20
All associated samples: AF26277 AF26278 AF26281 AF26283			
Initial Calibration VOC			
Chloromethane	84700	24 H	20
Vinyl Chloride	84700	22 H	20
Bromomethane	84700	24 H	20
All associated samples: AF26279 AF26280			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Methylene Chloride	84628	73 H	35-65	3/6/2013
All associated samples: AF26282				
Semi-Vol Cont Cal				
Benzyl Alcohol	84653	18 L	35-65	3/11/2013
All associated samples: AF26277 AF26278 AF26279 AF26280 AF26281 AF26282 AF26283				
Volatile Organics Cont Cal				
Methylene Chloride	84687	72 H	35-65	3/8/2013
All associated samples: AF26277 AF26278 AF26281 AF26283				
Volatile Organics Cont Cal				
Dichlorodifluoromethane	84700	97 H	35-65	3/11/2013
Chloromethane	84700	89 H	35-65	3/11/2013
Acrylonitrile	84700	85 H	35-65	3/11/2013
All associated samples: AF26279 AF26280				

QC Batch Report

EPA 8082 PCBs Batch 84626

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Volatile Organics Batch 84628

CET ID	Client Sample ID	Matrix	Collection Date
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013

Total Metals Batch 84636

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013

Cyanide, Total Batch 84640

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Semi-Volatile Organics Batch 84653

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

EPA 8081B Chlorinated Pesticides Batch 84663

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Volatile Organics Batch 84687

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Total Mercury Batch 84695

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Total Metals Batch 84696

CET ID	Client Sample ID	Matrix	Collection Date
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Volatile Organics Batch 84700

CET ID	Client Sample ID	Matrix	Collection Date
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013

Conn. Extractable TPH Batch 84723

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

SPLP Metals Batch 84724

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

EPA 8151A Chlorinated Herbicides Batch 84789

CET ID	Client Sample ID	Matrix	Collection Date
AF26277	ET1 WSA Myrtle 8	Soil	3/6/2013
AF26278	ET1 WSA Myrtle 9	Soil	3/6/2013
AF26279	ET1 WSA Myrtle 10	Soil	3/6/2013
AF26280	ET1 WSA Myrtle 11	Soil	3/6/2013
AF26281	ET1 WSA Myrtle 12	Soil	3/6/2013
AF26282	ET1 WSA Myrtle 13	Soil	3/6/2013
AF26283	ET1 WSA Myrtle 14	Soil	3/6/2013

Narrative

4. Methylene Chloride LCS recovery high (145%) for batch 84628.
Acrylonitrile LCS recovery high (154%) for batch 84628.
Benzyl Alcohol LCS recovery low (22%) for batch 84653.
Benzoic Acid LCS recovery low (34%) for batch 84653.
Hexachlorocyclopentadiene LCS recovery low (25%) for batch 84653.
3,3-Dichlorobenzidine LCS recovery low (38%) for batch 84653.
Methylene Chloride LCS recovery high (190%) for batch 84687.
1,1,2,2-Tetrachloroethane LCS recovery high (132%) for batch 84687.
Dichlorodifluoromethane LCS recovery high (195%) for batch 84700.
Chloromethane LCS recovery high (178%) for batch 84700.
Acrylonitrile LCS recovery high (171%) for batch 84700.
Dinoseb matrix spike recovery low (33%) for sample AF26277.
Dinoseb matrix spike dup recovery low (27%) for sample AF26277.
Benzyl Alcohol matrix spike recovery low (8%) for sample AF26278.
Benzyl Alcohol matrix spike dup recovery low (10%) for sample AF26278.
Hexachloroethane matrix spike recovery low (30%) for sample AF26278.
Hexachloroethane matrix spike dup recovery low (33%) for sample AF26278.
Hexachlorocyclopentadiene matrix spike recovery low (15%) for sample AF26278.
Hexachlorocyclopentadiene matrix spike dup recovery low (14%) for sample AF26278.
2,4-Dinitrophenol matrix spike recovery low (15%) for sample AF26278.
2,4-Dinitrophenol matrix spike dup recovery low (14%) for sample AF26278.
4,6-Dinitro-2-methylphenol matrix spike recovery low (11%) for sample AF26278.
4,6-Dinitro-2-methylphenol matrix spike dup recovery low (10%) for sample AF26278.
Vinyl Chloride Initial Cal % RSD high(22%) for batch 84628.
Methylene Chloride Initial Cal % RSD high(23%) for batch 84628.
Chloromethane Initial Cal % RSD high(24%) for batch 84687.
Vinyl Chloride Initial Cal % RSD high(22%) for batch 84687.
Bromomethane Initial Cal % RSD high(24%) for batch 84687.
Chloromethane Initial Cal % RSD high(24%) for batch 84700.
Vinyl Chloride Initial Cal % RSD high(22%) for batch 84700.
Bromomethane Initial Cal % RSD high(24%) for batch 84700.
Methylene Chloride CC high for batch 84628.
Benzyl Alcohol CC low for batch 84653.
Methylene Chloride CC high for batch 84687.
Dichlorodifluoromethane CC high for batch 84700.
Chloromethane CC high for batch 84700.
Acrylonitrile CC high for batch 84700.

6. The client has requested a subset of the RCP Metals and the CT 8260 lists.

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Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064