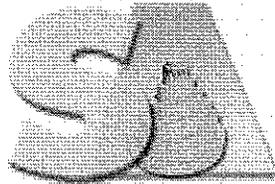


Report Date:
16-Jun-10 14:38

- Draft Report
- Re-Issued Report
- Revised Report



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Draft Laboratory Report

New England Disposal Technologies, Inc
83 Gilmore Drive
Sutton, MA 01590
Attn: Brian Bodemer

Project: Charlton Spill - Charlton, MA
Project #: [none]

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SB13744-03	DRAFT: Water	Drinking Water	12-Jun-10 14:30	15-Jun-10 17:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

- Massachusetts # M-MA138/MA1110
- Connecticut # PH-0777
- Florida # E87600/E87936
- Maine # MA138
- New Hampshire # 2538
- New Jersey # MA011/MA012
- New York # 11393/11840
- Pennsylvania # 68-04426/68-02924
- Rhode Island # 98
- USDA # S-51435
- Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes.
Please note that this report contains 9 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The sample temperature upon receipt by Spectrum Analytical courier was recorded as 4.2 degrees Celsius. The condition of these samples was further noted as refrigerated. The samples were transported on ice to the laboratory facility and the temperature was recorded at 1.1 degrees Celsius upon receipt at the laboratory. Please refer to the Chain of Custody for details specific to sample receipt times.

An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

EPA 524.2

Calibration:

1006025

Analyte quantified by quadratic equation type calibration.

1,2,3-Trichlorobenzene

1,2,4-Trichlorobenzene

Naphthalene

This affected the following samples:

DRAFT: Water

Sample Identification

DRAFT: Water
SBI3744-03

Client Project #
[none]

Matrix
Drinking Water

Collection Date/Time
12-Jun-10 14:30

Received
15-Jun-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
DRAFT: Volatile Organic Compounds												
524.2 Purgeable Organic Compounds												
Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	0.50	1	EPA 524.2	16-Jun-10	16-Jun-10	ek	1012708	
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.50	1	"	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.50	1	"	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.50	1	"	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.50	1	"	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.50	1	"	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.50	1	"	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.50	1	"	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.50	1	"	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.50	1	"	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.50	1	"	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.50	1	"	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.50	1	"	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.50	1	"	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.50	1	"	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.50	1	"	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.50	1	"	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.50	1	"	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.50	1	"	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.50	1	"	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

DRAFT: Water
SB13744-03

Client Project #
[none]

Matrix
Drinking Water

Collection Date/Time
12-Jun-10 14:30

Received
15-Jun-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
DRAFT: Volatile Organic Compounds												
524.2 Purgeable Organic Compounds												
Prepared by method SW846 5030 Water MS												
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.50	1	EPA 524.2	16-Jun-10	16-Jun-10	ek	1012708	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.50	1	"	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.50	1	"	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.50	1	"	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.50	1	"	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.50	1	"	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.50	1	"	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.50	1	"	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.50	1	"	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.50	1	"	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.50	1	"	"	"	"	"	"
179601-23-1	m,p-Xylene	BRL		µg/l	0.50	1	"	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.50	1	"	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	2.00	1	"	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.50	1	"	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.50	1	"	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.50	1	"	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"	"

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	85			70-130 %		"	"	"	"	"	"
2037-26-5	Toluene-d8	107			70-130 %		"	"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	113			70-130 %		"	"	"	"	"	"
1868-53-7	Dibromofluoromethane	113			70-130 %		"	"	"	"	"	"

VPH Aliphatic/Aromatic Carbon Ranges

Prepared by method VPH - EPA 5030B

C5-C8 Aliphatic Hydrocarbons	BRL			mg/l	0.0750	1	+MADEP VPH 5/2004 Rev. 1.1	16-Jun-10	16-Jun-10	MP	1012734	
C9-C12 Aliphatic Hydrocarbons	BRL			mg/l	0.0250	1	"	"	"	"	"	"
C9-C10 Aromatic Hydrocarbons	BRL			mg/l	0.0250	1	"	"	"	"	"	"
Unadjusted C5-C8 Aliphatic Hydrocarbons	BRL			mg/l	0.0750	1	"	"	"	"	"	"
Unadjusted C9-C12 Aliphatic Hydrocarbons	BRL			mg/l	0.0250	1	"	"	"	"	"	"

VPH Target Analytes

Prepared by method VPH - EPA 5030B

71-43-2	Benzene	BRL		µg/l	5.0	1	"	"	"	"	"	"
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This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

DRAFT: Water
SB13744-03

Client Project #
[none]

Matrix
Drinking Water

Collection Date/Time
12-Jun-10 14:30

Received
15-Jun-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
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DRAFT: Volatile Organic Compounds

VPH Target Analytes

Prepared by method VPH - EPA 5030B

100-41-4	Ethylbenzene	BRL		µg/l	5.0	1	+MADEP VPH 5/2004 Rev. 1.1	16-Jun-10	16-Jun-10	MP	1012734	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	1	"	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	1	"	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	1	"	"	"	"	"	"
179601-23-1	m,p-Xylene	BRL		µg/l	10.0	1	"	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	5.0	1	"	"	"	"	"	"

Surrogate recoveries:

615-59-8	2,5-Dibromotoluene (FID)	105			70-130 %		"	"	"	"	"	"
615-59-8	2,5-Dibromotoluene (PID)	100			70-130 %		"	"	"	"	"	"

DRAFT: Extractable Petroleum Hydrocarbons

EPH Aliphatic/Aromatic Ranges

Prepared by method SW846 3510C

C9-C18 Aliphatic Hydrocarbons	BRL			mg/l	0.1	1	+MADEP EPH 5/2004 R	16-Jun-10	16-Jun-10	MM	1012693	
C19-C36 Aliphatic Hydrocarbons	BRL			mg/l	0.1	1	"	"	"	"	"	"
C11-C22 Aromatic Hydrocarbons	BRL			mg/l	0.1	1	"	"	"	"	"	"
Unadjusted C11-C22 Aromatic Hydrocarbons	BRL			mg/l	0.1	1	"	"	"	"	"	"
Total Petroleum Hydrocarbons	BRL			mg/l	0.1	1	"	"	"	"	"	"
Unadjusted Total Petroleum Hydrocarbons	BRL			mg/l	0.1	1	"	"	"	"	"	"

EPH Target PAH Analytes

Prepared by method SW846 3510C

91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/l	1.00	1	"	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/l	1.00	1	"	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	1.00	1	"	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.500	1	"	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.500	1	"	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"	"

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	88			40-140 %		"	"	"	"	"	"
84-15-1	Ortho-Terphenyl	71			40-140 %		"	"	"	"	"	"
321-60-8	2-Fluorobiphenyl	65			40-140 %		"	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification

DRAFT: Water
SB13744-03

Client Project #
[none]

Matrix
Drinking Water

Collection Date/Time
12-Jun-10 14:30

Received
15-Jun-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
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DRAFT: Extractable Petroleum Hydrocarbons

TPH 8100 by GC

Prepared by method SW846 3510C

8006-61-9	Gasoline	BRL		mg/l	0.2	1	+SW846 8100Mod.	16-Jun-10	16-Jun-10	JG	1012694	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"	"
6032-32-4	Ligroin	BRL		mg/l	0.2	1	"	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"	"
	Hydraulic Oil	BRL		mg/l	0.2	1	"	"	"	"	"	"
	Dielectric Fluid	BRL		mg/l	0.2	1	"	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"	"

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	88			40-140 %		"	"	"	"	"	"
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Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

A Matrix Spike and Matrix Spike Duplicate (MS/MSD) for MADEP EPH CAM may not have been analyzed with the samples in this work order. According to the method these spikes are performed only when requested by the client. If requested the spike recoveries are included in the batch QC data.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

- Gasoline - includes regular, unleaded, premium, etc.
- Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
- Fuel Oil #4 - includes #4 fuel oil
- Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
- Motor Oil - includes virgin and waste automobile oil
- Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
- Aviation Fuel - includes kerosene, Jet A and JP-4
- Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
Kimberly Wisk

The following outlines the condition of all VPH samples contained within this report upon laboratory receipt.

Matrices	Drinking Water		
Containers	✓ Satisfactory		
Sample Preservative	Aqueous (acid preserved)	N/A	✓ pH _≤ 2 pH>2
	Soil or Sediment	✓ N/A	Samples not received in Methanol
		Samples received in Methanol: covering soil/sediment not covering soil/sediment	
Samples received in air-tight container			
Temperature	Received on ice ✓ Received at 4 ± 2 °C		

Were all QA/QC procedures followed as required by the VPH method? *Yes*

Were any significant modifications made to the VPH method as specified in section 11.3? *No *see below*

Were all performance/acceptance standards for required QA/QC procedures achieved? *Yes*

* Yes, if PID and FID surrogate recoveries are listed as n/a, then that sample was run via GCMS using all QC criteria specified in the method

The following outlines the condition of all EPH samples contained within this report upon laboratory receipt.

Matrices	Drinking Water		
Containers	✓ Satisfactory		
Aqueous Preservative	N/A	✓ pH _≤ 2	pH>2 pH adjusted to <2 in lab
Temperature	Received on ice ✓ Received at 4 ± 2 °C		

Were all QA/QC procedures followed as required by the EPH method? *Yes*

Were any significant modifications made to the EPH method as specified in Section 11.3? *No*

Were all performance/acceptance standards for required QA/QC procedures achieved? *Yes*

I attest that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Authorized by:



Hanibal C. Tayeh, Ph.D.
President/Laboratory Director



CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed 6/18/10
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rush.
- Samples disposed of after 60 days unless otherwise instructed.

S/S 13744

Report To: **NE DITAC**
83 Gilmore Dr
Sutton MA 01590

Invoice To: **Samey**

P.O. No.: **RON**

Project No.:
 Site Name: **Chadron Spill 11/8/09**
 Location: **Chadron**
 State: **NE**
 Sampler(s): **BBB**

Project Mgr: **BBB**
 1=Na2S2O8, 2=HCl, 3=H2SO4, 4=Fe(NO3)3, 5=NaOH, 6=Ascorbic Acid
 7=CH3OH, 8=NaHSO4, 9=LiCl, 10=

DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sediment A=Air
 X1= X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type:	Matrix:	Preservative:	# of VOA Vials:	# of Amber Glass:	# of Clear Glass:	# of Plastic:	Comments:	Analysis:	QA Reporting Notes: (check if needed):
B74-01	EMULSION	6/13/10	9:00AM	G	07A	2B	1	2	1	1		TPH by GC EPH VPH VOC (8260) PCB's VOC (524)	<input checked="" type="checkbox"/> Provide MIA DEP MCP LAM Report <input type="checkbox"/> Provide CE DEP REP Report <input type="checkbox"/> QA/QC Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> N/A QC <input type="checkbox"/> Other
	OL BLACKSIL		10:15AM	G	09	1	1						<input type="checkbox"/> Other
	-03 WATER	6/13/10	3:30PM	G	DN/A	1	2					V V V V V	<input type="checkbox"/> Other
	-04 EMULSION-2	6/13/10	9:00	G	GO	1	1					V	<input type="checkbox"/> Other

Per N.L.

Released by

Received by

Date:

Time:

Fax results when available to:
 E-mail to: **Melba Benoit**
 EDD Format

Condition upon receipt: cool ambient 4.2

Released by: **Frank Williams**
 Received by: **Mary Batts**

Date: 6/13/10
 Time: 3:00PM

Date: 6/15/10
 Time: 17:20

1.1'