Waste Management Division
PO Box 95, 29 Hazen Drive
Concord, NH 03302

Type of Submittal (Check One-Most Applicable)

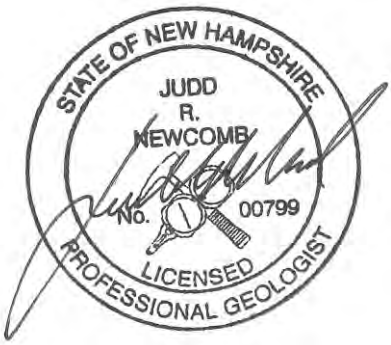
☐ Work Scope ☐ Reimbursement Request	☒ Remedial Action • Remedial Action Plan • Bid Plans and Specifications • Remedial Action Implementation Report ☐ Treatment System and POE O&M ☐ Activity and Use Restriction
☐ UST Facility Report ☐ AST Facility Report	
☐ Emergency/Initial Response Action ☐ Groundwater Quality Assessment	☐ Temporary Surface Water Discharge Permit
☐ Initial Site Characterization ☐ Site Investigation • Site Investigation Report • Supplemental Site Investigation Report • GMZ Delineation • Source Area Investigation • Data Submittal • Annual Summary Report ☐ Unsolicited Phase II Environmental Site Assessment ☐ Closure Documentation	☐ Groundwater Management Permit • Permit Application • Renewal Application • Deed Recordation Documentation • Abutter Notification Documentation • Release of Recordation ☐ Data Submittal ☐ Annual Summary Report

REMEDIAL ACTION IMPLEMENTATION REPORT

Ernie's Auto Sales Property
180 East Main Street
Tilton, New Hampshire
DES#199311019

Prepared For:
Town of Tilton
257 Main Street
Tilton, New Hampshire 03276
Phone: (603) 279-8171
Contact: Ms. Joyce Fulweiler

Prepared By:
CREDERE ASSOCIATES, LLC
776 Main Street
Westbrook, ME 04902
Phone: (207) 828-1272 ext. 16
Contact: Judd Newcomb, CG, PG



July 21, 2014

Recommended Risk Category (check one)

☐ 1. Immediate Human Health Risk (Impacted water supply well, etc.)	☐ 4. Surface Water Impact	☒ 7. Alternate Water Available/Low Level Groundwater Contamination (<1,000 X AGQS)
☐ 2. Potential Human Health Risk (Water supply well within 1,000' or Site within SWPA)	☐ 5. No Alternate Water Available/No Existing Wells in Area	☐ 8. No AGQS Violation/No Source Remaining
☐ 3. Free Product or Source Hazard	☐ 6. Alternate Water Available/High Level Groundwater Contamination (>1,000 X AGQS)	☐ Closure Recommended

CREDERE ASSOCIATES, LLC
776 Main Street
Westbrook, Maine 04092
Phone: 207-828-1272
Fax: 207-887-1051

July 21, 2014

Ms. Joyce Fulweiler
Town Administrator
Town of Tilton
257 Main Street
Tilton, New Hampshire 03276

Subject: **Remedial Action Implementation Report**
Ernie's Auto Sales Property
180 East Main Street, Tilton, New Hampshire
NHDES#199311019

Dear Ms. Fulweiler:

Enclosed is the Remedial Action Implementation Report that documents petroleum cleanup activities that have occurred at the Ernie's Auto Sales Property in Tilton, New Hampshire. This report has also been submitted to the New Hampshire Department of Environmental Services (NHDES) to document the removal activities.

Please do not hesitate to contact me at (207) 828-1272 Ext. 35 if I can provide clarification or additional information regarding this Interim Remedial Action Implementation Report.

Very truly,
Credere Associates, LLC

Rip Patten, PE
Vice President/Environmental Engineer

cc: Jennifer Marts, NHDES

P:\13001185 Ernies Petroleum Cleanup\WORKING FILES\Soil Removal\Enie's Soil Removal Report 07-21-14.docx

Remedial Action Implementation Report

Ernie's Auto Sales Property
180 East Main Street
Tilton, New Hampshire
NHDES Site #199311019

Prepared for:

Town of Tilton
257 Main Street
Tilton, New Hampshire 03276
Attn: Ms. Joyce Fulweiler, Town Administrator

July 21, 2014

In Reference to:
Project No. 13001185

Submitted by:
Credere Associates, LLC
776 Main Street
Westbrook, ME 04092

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APPENDIX B ..... LABORATORY ANALYTICAL REPORTS
APPENDIX C ..... SOIL DISPOSAL DOCUMENTATION
APPENDIX D ..... GROUNDWATER DISPOSAL DOCUMENTATION

1. INTRODUCTION

Credere Associates, LLC (Credere) prepared this Remedial Action Implementation Report (RAIR) for the former Ernie's Auto Sales property (the Site) located at 180 East Main Street in Tilton, New Hampshire. The location of the Site is depicted on **Figure 1**. The cleanup work documented in this RAIR has been performed in accordance with Credere's Soil Delineation Sampling Investigation Report that was prepared for the Site dated September 24, 2013, and associated NHDES response letter dated January 17, 2014. Photographs taken during this work are included in **Appendix A**.

Prior environmental assessment work completed at the Site identified a series of confirmed Recognized Environmental Conditions (RECs). Credere assessed the RECs and performed cleanup planning work as part of the Lakes Region Planning Commission (LRPC) Brownfields Assessment Program. The Town of Tilton subsequently was awarded a Brownfields Cleanup Grant from the U.S. Environmental Protection Agency (EPA) to clean up the Site, and Credere prepared an Analysis of Brownfields Cleanup Alternatives (ABCA) and Remedial Action Plan (RAP) on June 3, 2013, to address the following necessary remediation actions:

- Demolition and proper disposal of the asbestos, lead-based paint (LBP), and polychlorinated biphenyl (PCB)-containing paint covered building components associated with the cottage and garage buildings.
- Removal and proper disposal of universal and/or hazardous wastes in the Site buildings and on the property.
- Removal and proper disposal of two abandoned hydraulic lift cylinders that were discovered beneath the floor of the garage building during demolition in January through February 2013.
- Removal and proper disposal of lead and arsenic contaminated soils that were documented in subsurface soil adjacent to the west side of the garage building. These soils also were documented to contain polycyclic aromatic hydrocarbons (PAHs).

In January through February 2013, the building was demolished. Additionally, the following clean-up activities were completed:

- Approximately 50 cubic yards of surficial and subsurface soil containing concentrations of PAHs, arsenic, and lead exceeding the applicable NHDES SRS were excavated and disposed of offsite in May 2013 from an area immediately southwest of the garage building.
- Subsequently in May, the identified hydraulic lifts were removed. It was determined that a cylinder had its piston removed and was being used for improper waste oil disposal. As a result, approximately 25 cubic yards of waste and hydraulic oil contaminated soil were also excavated for offsite disposal. The hydraulic lift and associated contaminated soil removal is documented in Credere's July 26, 2013, Interim RAIR prepared as part of Tilton's EPA Brownfields Cleanup Grant work.

During the clean-up activities photoionization detector (PID) readings of soil samples along the northern edge of the excavation showed a sharp increase in total volatile organic compounds (VOCs). A sheen was observed on groundwater emanating from the excavation sidewall, and a strong gasoline odor was observed. Laboratory analytical results of samples collected from the area indicated the presence of gasoline constituents. At the request of the NHDES a Soil Delineation Sampling investigation was conducted, and the results indicated that additional soil removal was required at the Site within the vicinity of soil borings SB-107, SB-108, SB-109, and test pit TP-2 from depths ranging from approximately 6 to 9 feet below ground surface (bgs). The areas assessed that required removal are depicted on **Figures 2 and 3**.

Please note that concentrations of PAHs have been documented in surficial soil across the Site at levels that exceed the applicable NHDES Soil Remediation Standards (SRS), but have been attributed to a "background" condition as defined by New Hampshire Code of Administrative Rule Env-Or 602.03. Direct contact with these soils is planned to be mitigated by covering them with an engineered cover system once the final redevelopment design is complete for the Site.

2. REMEDIAL ACTION IMPLEMENTATION

Based on Credere's Soil Delineation Sampling Report, Credere oversaw ENPRO Services, Inc. perform the excavation of the gasoline impacted soil identified in Credere's Soil Delineation Report, which included excavation dewatering and offsite disposal of contaminated media.

2.1 SOIL EXCAVATION AND DEWATERING

Between May 28 and May 30, 2014, Credere oversaw excavation activities at the Site. Approximately 6 feet of overburden was removed and stockpiled from the area extending from the previous excavation area to the vicinity of TP-2, SB-107, SB-108, and SB-109, as previous soil delineation sampling results indicated that petroleum contaminated soils were located from approximately 6 to 9 feet below ground surface (bgs). Due to poor correlation of prior field screening and laboratory data, the excavation of contaminated soil was guided largely on the results of the soil delineation sampling report and visual observations of staining and/or petroleum sheen. However, samples were frequently field screened with a photoionization detector (PID) for total volatile organic compounds (VOCs) to provide additional field guidance of the limits of excavation.

In general, visually impacted (i.e. stained and/or sheen) soil was observed to slope steeply from approximately 3 feet bgs in the vicinity of TP-2 to approximately 6 feet bgs in the vicinity of SB-107, and to extend in the perceived direction of groundwater flow southwest toward SB-109. This observation supports the Soil Delineation Sampling Report conclusion of a historical release from former dispenser island piping. It is likely that the impacted area was limited due to the large paved surface in the vicinity of the dispenser island and the location of the release beneath the former Site building, which would have drastically reduced the amount of stormwater infiltration and flushing of the contaminants.

During soil removal activities, groundwater that exhibited a strong gasoline odor and sheen was observed to be infiltrating the excavation rapidly, saturating the soil and making the shipment and/or stockpiling of soil cumbersome. Credere contacted Ms. Jennifer Marts of the NHDES to discuss the next steps. It was decided that a temporary storage tank would be mobilized to the Site and a sump would be excavated to lower the groundwater table to facilitate the stockpiling and partial draining of soil prior to shipment. Polyethylene sheeting was placed on a sloped area alongside the excavation such that soil could be stockpiled and water draining from the stockpile would return to the excavation. A graduated polyethylene storage tank with a capacity of approximately 950 gallons was mobilized to the Site with the appropriate pumping equipment and the excavation was dewatered while soil stockpiling occurred. Due to complaints from the disposal facility of overly saturated soil, the stockpile was covered and allowed to drain overnight prior to continued shipment.

Upon removal of the most visually stained soil, PID field screening results rapidly decreased from concentrations of greater than 1,000 parts per million by volume (ppm_v) to less than 200 ppm_v in the vicinity of the source area, to non-detect in the vicinity of SB-109. A limited amount

of slightly discolored soil remained along the northern sidewall of the excavation that could not be excavated without significantly increasing the size of the excavation and threatening the nearby sewer and gas underground utilities.

The limits of soil excavation are shown on **Figures 2 and 3**.

2.2 CONFIRMATORY SOIL SAMPLING

After completion of excavation activities, two (2) confirmatory bottom samples (CSB-1 and CSB-2) and four (4) confirmatory sidewall samples (CSS-1 through CSS-4) were subsequently collected from the excavation. The locations of the confirmatory soil samples are depicted on **Figure 3**. Following confirmatory soil sample collection, the excavation bottom was backfilled with clean sand and gravel fill. Previously stripped materials were then placed back into the excavation area.

Each confirmatory soil sample was collected in duplicate then field screened with a PID for VOCs and submitted for laboratory analysis of VOCs and total petroleum hydrocarbons (TPH). Confirmatory soil sample field screening and laboratory analytical results are summarized in **Table 1**. Laboratory analytical results are included in **Appendix B**. Sample results indicated that no compounds were detected above the NHDES Soil Remediation Standards.

2.3 SOIL AND GROUNDWATER DISPOSAL

ENPRO transported and disposed of approximately 145 tons of petroleum contaminated soil at Environmental Soil Management Inc. (ESMI) in Loudon, New Hampshire, for recycling. It was originally estimated that approximate 110 tons would be removed from the excavation; however, saturated (i.e. heavier) soil throughout much of the excavation as well as sidewall slumping increased the anticipate tonnage of soil disposed. Soil disposal documentation is included in **Appendix C**. Approximately 900 gallons of petroleum impacted groundwater was disposed of at ENPROs liquid recycling facility in South Portland, Maine. Groundwater disposal documentation is included in **Appendix D**. Waste asphalt from the Site was disposed of at Pike Industries in Tilton, New Hampshire. No disposal documentation was provided for asphalt disposal.

3. REMAINING ENVIRONMENTAL ISSUES

As documented in the ABCA and observed through remediation activities completed through May 2014, the following environmental issues/actions remain at the Site:

- Gasoline impacted groundwater present below the former Site building and in the vicinity of the soil excavation as evidenced in Credere's July 2013 Interim RAIR.
- Arsenic contaminated groundwater that was interpreted to be the result of reducing conditions created by the petroleum release.
- PAHs that are present in surficial soil across the entire site that are planned to be addressed by the installation of a soil cover system using the Town of Tilton's U.S. Environmental Protection Agency (EPA) awarded Brownfields Cleanup Grant for the Site.

4. RECOMMENDATIONS

Based on the results of the previously and recently completed environmental assessment and cleanup activities at the Site, Credere makes the following recommendations for additional work to ensure that environmental cleanup has been achieved:

- Following soil cover system installation, install a network of groundwater monitoring wells in the vicinity of the petroleum impacted soil removal area to ensure the petroleum source area is not continuing to impact groundwater or create a reducing environment to cause the release of naturally occurring arsenic. Where there are existing upgradient groundwater monitoring wells (MW-1 and MW-3) and groundwater at the Site has been inferred to flow southwest, Credere recommends that four (4) additional wells be installed. One well should be located in the petroleum source area (i.e. the vicinity of test pit TP-2), two (2) wells should be installed along the downgradient perimeter of the excavation area to the west and south, and one replacement monitoring well should be installed downgradient of the removal area in the former location of monitoring well MW-5 that was destroyed during Site excavation work.
- Collect at least two rounds of groundwater samples from the monitoring well network at the Site including MW-1, MW-2, MW-3, and the four newly installed monitoring wells for laboratory analysis of VOCs and dissolved arsenic. Please note that monitoring well MW-7 could not be located during remediation activities and it presumed to have been destroyed by snow plowing of the Site due to the observation of broken concrete and a monitoring well road box along the gravel limits of the Site.

5. SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following Credere personnel performed this cleanup work in accordance with Credere's Soil Delineation Sampling Investigation Report that was prepared for the Site dated September 24, 2013, and associated NHDES response letter dated January 17, 2014.

Judd Newcomb, CG, PG
Project Manager

Rip Patten, PE, LSP
Vice President

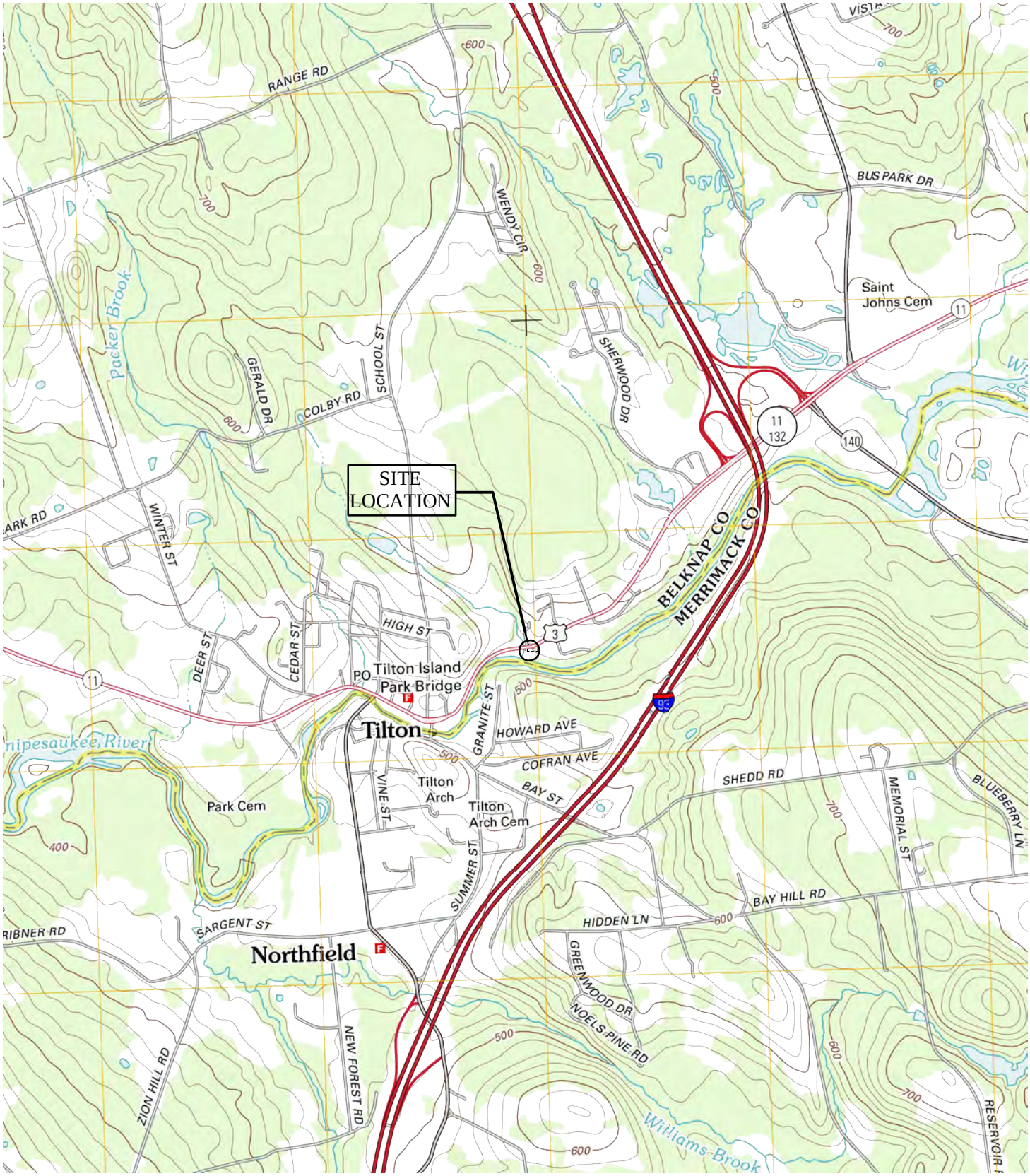
6. LIMITATIONS

This report has been prepared as part of a contract agreement between Credere Associates, LLC and the Town of Tilton.

This report does not reflect:

1. Conditions in untested areas of the Site.
2. Variations in chemical concentrations that can occur between sample locations.
3. The total understanding of potential influences of off-Site areas or historical uses that may have contributed or currently contribute to Site contamination, particularly relating to groundwater and subsurface soil conditions. The limited evaluation of off-Site contamination sources was based on available data and records.
4. The potential presence of compound sources beyond what has been indicated based on available data and records.
5. The potential presence of analytes that were not analyzed for or that may be present below minimum Practical Quantification Limits for the methods tested.
6. The conditions of groundwater and/or surface water beyond available data.
7. Variation in Site conditions that occurred at the time other than that the Site inspection was completed.

In the event that any conditions different from those described herein are encountered at a later time, Credere Associates, LLC requests an opportunity to review such differences and modify the assessment and conclusions of this report. This report was prepared expressly for the purpose described. The information in this report may not be suitable for any other use without adaptation for the specific purpose intended. Any such reuse of this report, without adaptation, shall be at the sole risk and liability of the party undertaking the reuse.



USGS 7.5 MINUTE NORTHFIELD, NH QUADRANGLE (2012)

DRAWN BY: MTG	DATE: 07/15/2014
CHECKED BY: JRN	PROJECT: 13001185

FIGURE 1 - SITE LOCATION MAP

Credere Associates, LLC
776 Main Street
Westbrook, Maine 04092
Tel. (207) 828-1272
www.crederellc.com

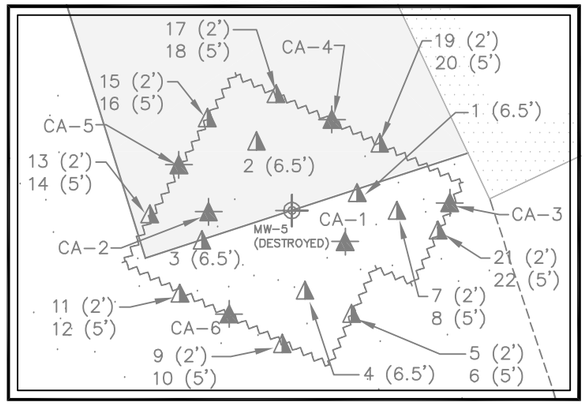
ERNIE'S AUTO SALES PROPERTY
180 EAST MAIN STREET
TILTON, NH
NHDES #199311019

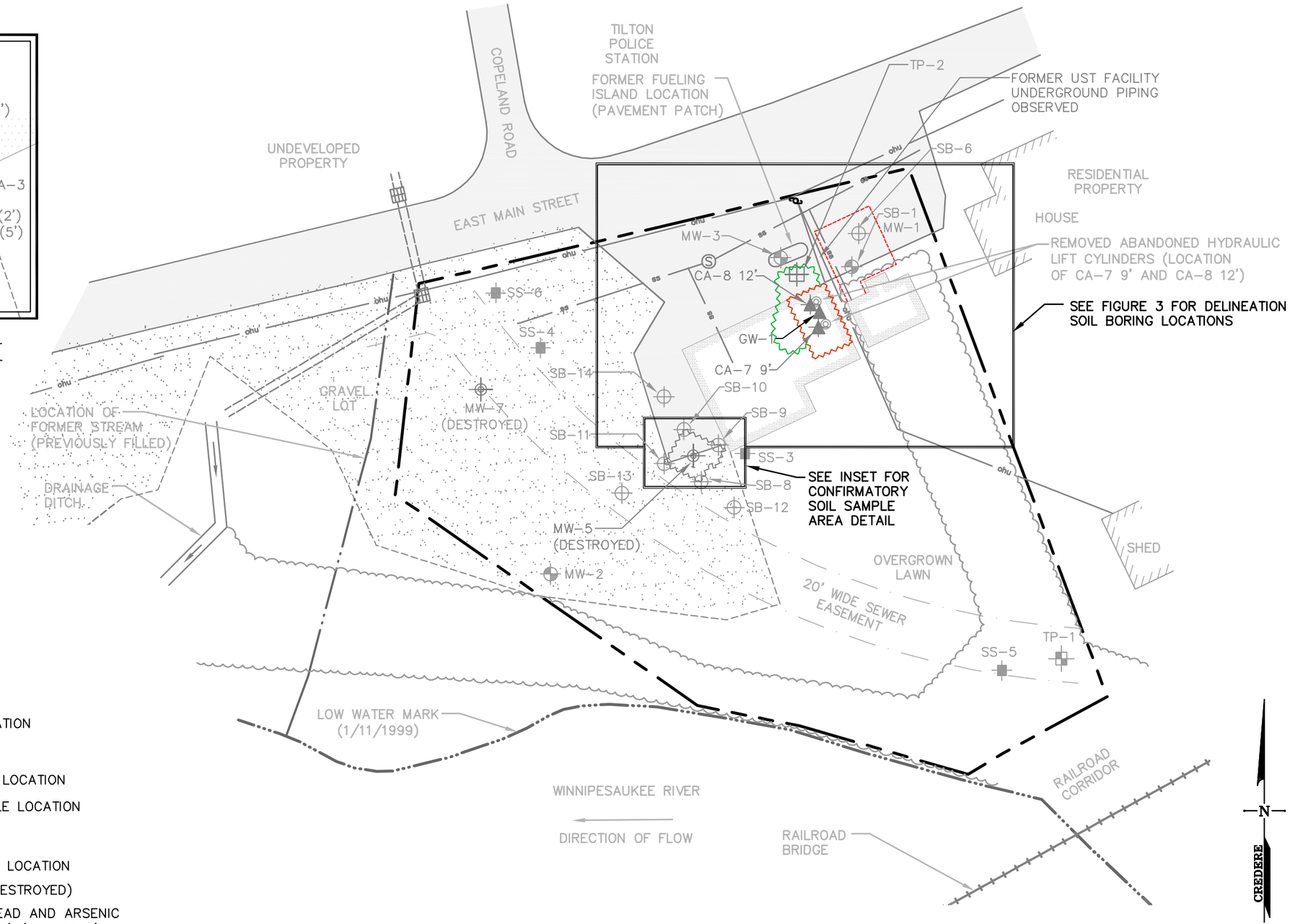
0 1,000 2,000 4,000 Feet
1" = 2,000'

NORTH

J:\CREDERE\12001162_Ernie's\Cleanup Figures (13001185) - JUNE 2014-1.dwg plot date: 7/15/2014 2:20 PM

CONFIRMATORY SOIL SAMPLE AND FIELD SCREENING SAMPLE LOCATION AREA DETAIL
INSET SCALE: 1"=10'





LEGEND

SYMBOL	DESCRIPTION
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF RIVER
	CENTELINE OF FORMER STREAM
	TREE LINE
ohu	OVERHEAD UTILITY LINE
ss S	SANITARY SEWER LINE & MANHOLE
	PAVEMENT
	GRAVEL
	FORMER SITE BUILDING
	BUILDING
	CULVERT
	RAILROAD TRACK
	REMOVED HYDRAULIC LIFT CYLINDER
	EXISTING MONITORING WELL LOCATION
	PREVIOUS SOIL BORING LOCATION
	PREVIOUS SURFICIAL SOIL SAMPLE LOCATION
	PREVIOUS TEST PIT LOCATION
	PREVIOUS CONFIRMATORY SOIL SAMPLE LOCATION
	PREVIOUS FIELD SCREENING SOIL SAMPLE LOCATION
	PREVIOUS TEST PIT LOCATION
	PREVIOUS GRAB GROUNDWATER SAMPLE LOCATION
	FORMER MONITORING WELL LOCATION (DESTROYED)
	APPROXIMATE EXTENT OF EXCAVATED LEAD AND ARSENIC CONTAMINATED SOIL (± 60 CUBIC YARDS) (MAY 2013)
	APPROXIMATE EXTENT OF EXCAVATED PETROLEUM CONTAMINATED SOIL (MAY 2014)
	APPROXIMATE EXTENT OF EXCAVATED PETROLEUM CONTAMINATED SOIL (MAY 2013)
	FORMER UST EXCAVATION AREA

NOTES

1. INFORMATION SHOWN ON THIS PLAN IS BASED ON A SURVEY PROVIDED BY THE WINNIPESAUKEE RIVER TRAIL ASSOCIATION AS WELL AS FIELD OBSERVATIONS MADE ON MAY 14 AND 15, 2013, AND MAY 28, 29 AND 30, 2014, DURING REMEDIATION WORK.

DRAWN BY: MTG	DATE: 07/15/14
CHECKED BY: JRN	PROJECT: 13001185

CREDERE ASSOCIATES, LLC
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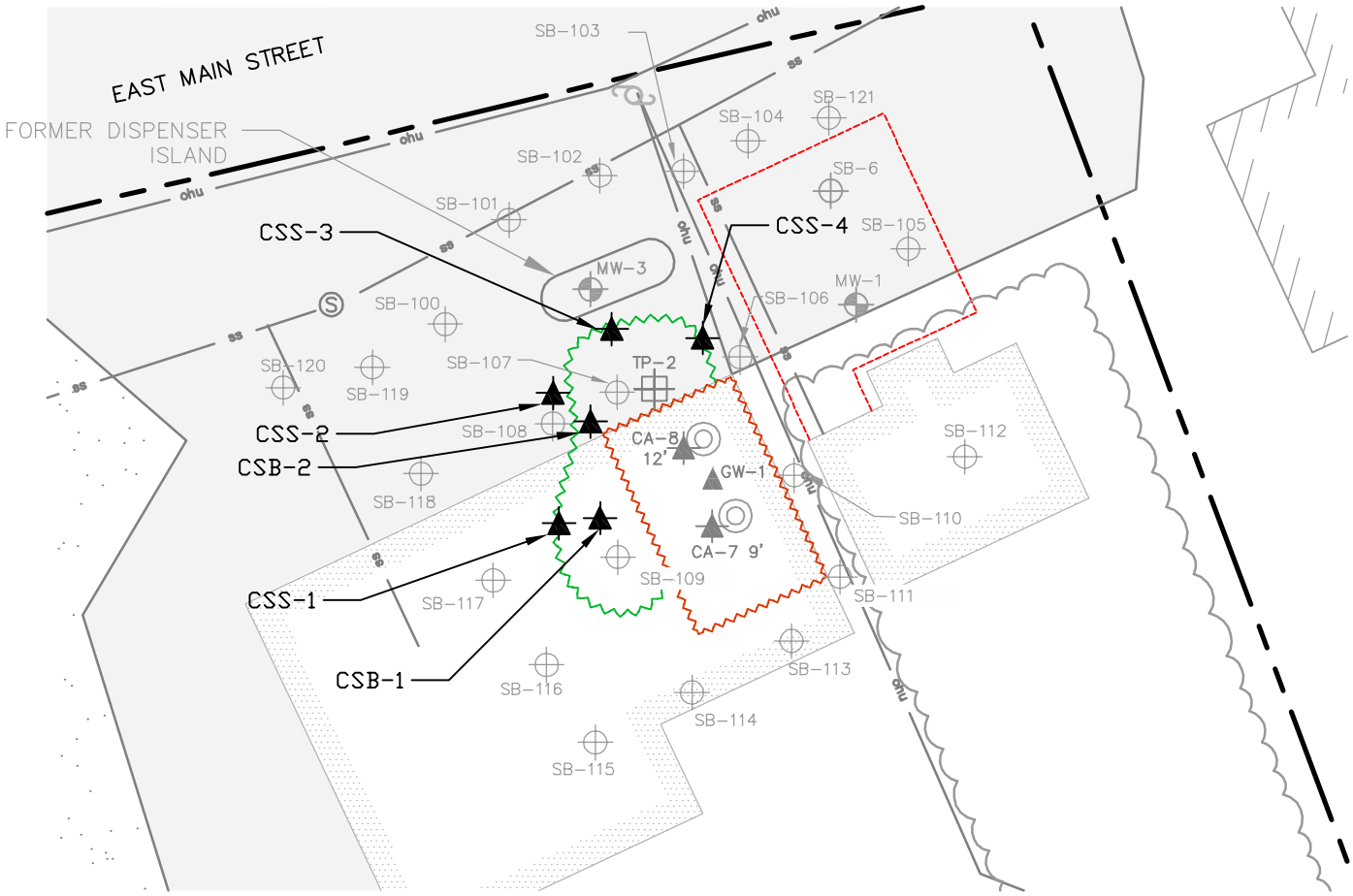
WESTBROOK, MAINE 04092
TEL: 207.828.1272
FAX: 207.887.1051
WWW.CREDERELLC.COM

FIGURE 2
DETAILED SITE PLAN

ERNIE'S AUTO SALES PROPERTY
180 EAST MAIN STREET
TILTON, NH
NHDES #199311019

GRAPHIC SCALE
40 0 20 40
1 inch = 40 ft.



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2. SOIL BORING SB-100 THROUGH SB-121 PERFORMED T&K DRILLING AND OBSERVED BY CREDERE ON AUGUST 14, 2013. SOIL BORING LOCATIONS ARE APPROXIMATE AND BASED ON TAPED FIELD MEASUREMENTS FROM EXISTING SITE FEATURES.

LEGEND

SYMBOL	DESCRIPTION
	PROPERTY LINE
	EASEMENT LINE
	TREE LINE
ohu	OVERHEAD UTILITY LINE
ss Ⓢ	SANITARY SEWER LINE AND MANHOLE
	PAVEMENT
	GRAVEL
	FORMER SITE BUILDING
	EXISTING BUILDING
	APPROXIMATE EXTENT OF EXCAVATED PETROLEUM CONTAMINATED SOIL (MAY 2013)
	APPROXIMATE AREA OF VOC AND TPH CONTAMINATED SOIL EXCAVATION(MAY 2014)
	FORMER UST EXCAVATION AREA

SYMBOL	DESCRIPTION
CSS-1 CSB-1	CONFIRMATORY SOIL SAMPLE SIDEWALL SAMPLE BOTTOM SAMPLE
	REMOVED HYDRAULIC LIFT CYLINDER
	EXISTING MONITORING WELL
	PREVIOUS GRAB GROUNDWATER SAMPLE
	PREVIOUS CONFIRMATORY SOIL SAMPLE
	PREVIOUS TEST PIT
	PREVIOUS SOIL BORING
	UTILITY POLE

DRAWN BY: MTG	DATE: 07/15/2014
CHECKED BY: JRN	PROJECT: 13001185

FIGURE 3 - SOIL EXCAVATION PLAN

Credere Associates, LLC
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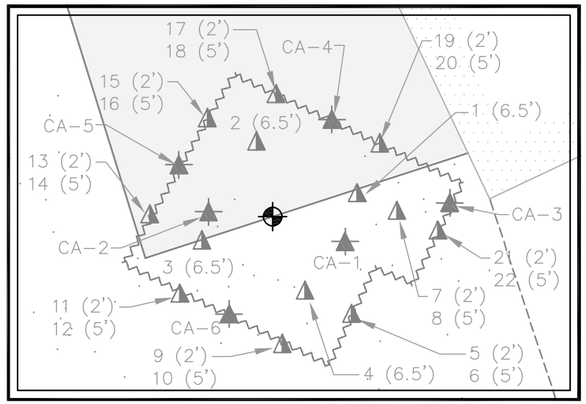
Westbrook, Maine 04092
Tel. (207) 828-1272
www.crederellc.com

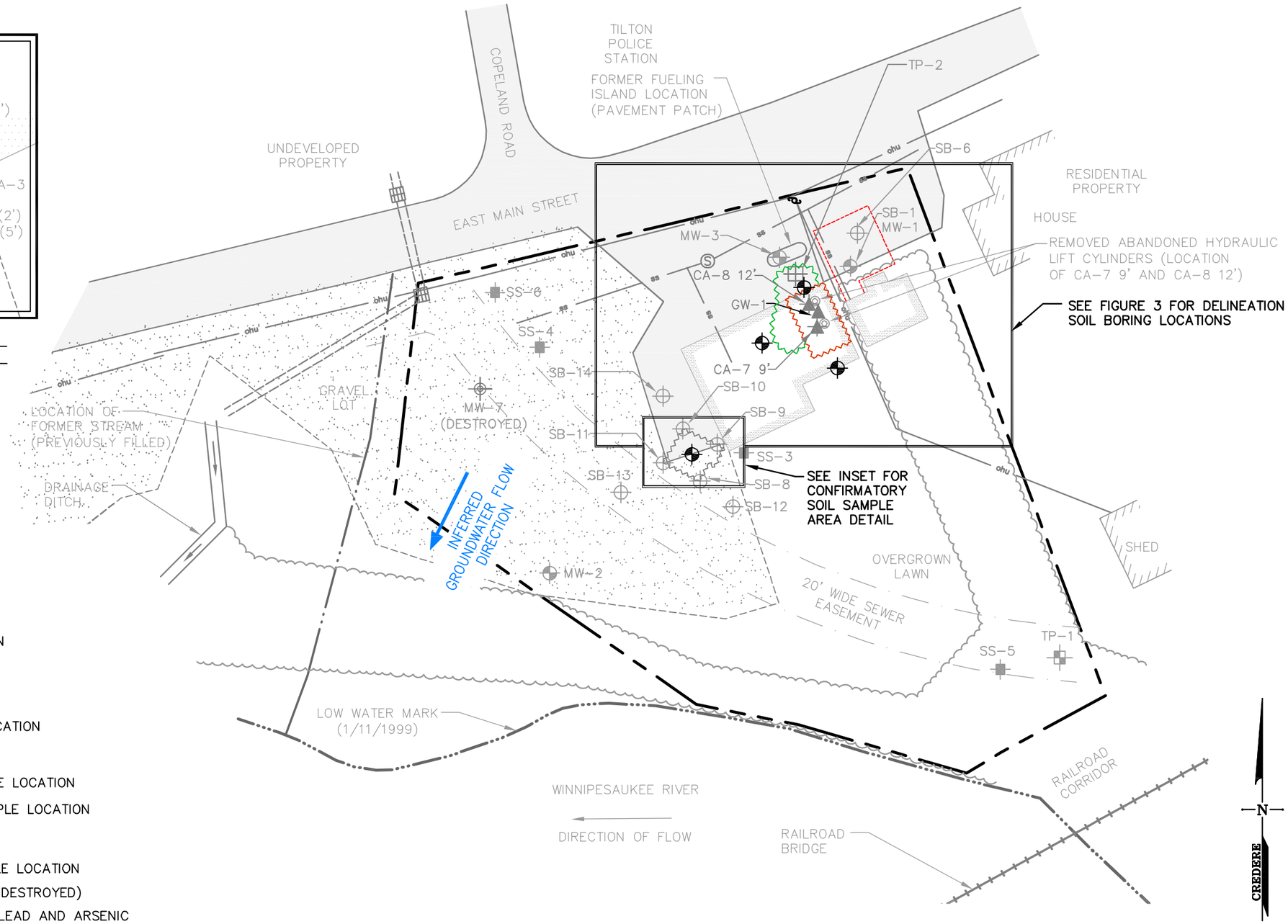
ERNIE'S AUTO SALES PROPERTY
180 EAST MAIN STREET
TILTON, NH
NHDES #199311019

GRAPHIC SCALE
20 0 10 20
1 inch = 20 ft.

NORTH

CONFIRMATORY SOIL SAMPLE AND FIELD SCREENING SAMPLE LOCATION AREA DETAIL
INSET SCALE: 1"=10'





LEGEND

SYMBOL	DESCRIPTION
	PROPERTY LINE
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	EDGE OF RIVER
	CENTELINE OF FORMER STREAM
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	CULVERT
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	FORMER UST EXCAVATION AREA

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FIGURE 4
PROPOSED MONITORING WELL LOCATION PLAN

ERNIE'S AUTO SALES PROPERTY
180 EAST MAIN STREET
TILTON, NH
NHDES #199311019

GRAPHIC SCALE
40 0 20 40
1 inch = 40 ft.

TABLE 1
Ernie's Auto Sales Property
180 East Main Street
Tilton, New Hampshire
NHDES #199311019

SUMMARY OF CONFIRMATORY SOIL SAMPLE ANALYTICAL AND PID RESULTS

Parameter[1]	Regulatory Standard	Soil Sample ID, Sample Date					
	NH Soil Remediation Standards [2] (µg/g)	CSB-1	CSB-2	CSS-1	CSS-2	CSS-3	CSS-4
		5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014
Volatile Organic Compounds (µg/g) EPA Method 8260B							
1,3,5-trimethylbenzene	96	ND<0.1	ND<0.1	ND<0.2	ND<0.1	**0.5**	ND<0.1
1,2,4-trimethylbenzene	130	ND<0.1	ND<0.1	ND<0.2	ND<0.1	**0.7**	ND<0.1
4-isopropyltoluene	3400	ND<0.1	ND<0.1	ND<0.2	ND<0.1	**0.2**	ND<0.1
naphthalene	5	ND<0.1	ND<0.1	ND<0.2	ND<0.1	**0.2**	ND<0.1
Total Petroleum Hydrocarbons (µg/g) EPA Method 8015B							
Total Petroleum Hydrocarbons	10,000	ND<210	ND<220	ND<260	ND<250	**560**	**510**
PID Field Screening Results							
VOCs (ppm_v)	NE	**2.9**	**20.8**	**2.7**	**15.6**	**187**	**165**

NOTES:
[1] Only analytes above detection limit are summarized herein.
[2] New Hampshire Code of Administrative Rules Soil Remediation Standards (SRS), effective July 2008
ug/g = micrograms per gram (equivalent to milligrams per kilogram)
NE = No regulatory guideline established
ND = Not detected above quantitation limit (i.e. 0.2 µg/g)
ppm_v = parts per million by volume
Bold Exceeds laboratory quantitation limit
Exceeds NH DES Env-Or 606.19 Soil Remediation Standards

APPENDIX A

PHOTOGRAPHS

Remedial Action Implementation Report
Ernie's Auto Sales Property
180 East Main Street, Tilton, New Hampshire
NHDES Site #199311019

View of the soil excavation area looking west.

Photograph 1

View of the soil excavation area looking southwest.

Photograph 2

Remedial Action Implementation Report
Ernie's Auto Sales Property
180 East Main Street, Tilton, New Hampshire
NHDES Site #199311019

View of exposed petroleum impacted soil in the vicinity of TP-2 and SB-107.

Photograph 3

View of petroleum sheen on groundwater within the excavation.

Photograph 4

Remedial Action Implementation Report
Ernie's Auto Sales Property
180 East Main Street, Tilton, New Hampshire
NHDES Site #199311019

View of petroleum impacted soil layer and dewatering sump.

Photograph 5

View of excavation area and dewatering equipment looking southeast.

Photograph 6

View of partially backfilled excavation area looking east.

Photograph 7

View of fully restored Site looking northeast.

Photograph 8

APPENDIX B

LABORATORY ANALYTICAL REPORTS

Laboratory Report

Absolute Resource associates
124 Heritage Avenue Portsmouth NH 03801

Judd Newcomb
CREDERE Associates
776 Main Street
Westbrook, ME 04092

PO Number: 13001185
Job ID: 29870
Date Received: 5/30/14

Project: Ernie's 13001185

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

(for)

Sue Sylvester
Principal, General Manager

Date of Approval: 6/12/2014
Total number of pages: 16

Absolute Resource Associates Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-001
Sample ID: CSB-1
Matrix: Solid Percent Dry: 88.1% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:15

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
chloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
bromomethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
chloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
diethyl ether	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
acetone	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
methylene chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
t-butanol (TBA)	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
2-butanone (MEK)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
chloroform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
tetrahydrofuran (THF)	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
benzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
trichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,4-dioxane	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
dibromomethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
4-methyl-2-pentanone (MIBK)	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
toluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
2-hexanone	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-001
Sample ID: CSB-1
Matrix: Solid Percent Dry: 88.1% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:15

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
o-xylene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
styrene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
bromoform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
bromobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
naphthalene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	**99**	78-114	%	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
toluene-D8 SUR	**101**	88-110	%	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
4-bromofluorobenzene SUR	**99**	86-115	%	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C
a,a,a-trifluorotoluene SUR	**103**	70-130	%	1	LMM	6/3/14	6930	6/5/14	19:13	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-002
Sample ID: CSB-2
Matrix: Solid Percent Dry: 86.6% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:20

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
chloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
bromomethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
chloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
diethyl ether	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
acetone	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
methylene chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
t-butanol (TBA)	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
2-butanone (MEK)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
chloroform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
tetrahydrofuran (THF)	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
benzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
trichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,4-dioxane	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
dibromomethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
4-methyl-2-pentanone (MIBK)	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
toluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
2-hexanone	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-002
Sample ID: CSB-2
Matrix: Solid Percent Dry: 86.6% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:20

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
o-xylene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
styrene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
bromoform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
bromobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
naphthalene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	**100**	78-114	%	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
toluene-D8 SUR	**101**	88-110	%	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
4-bromofluorobenzene SUR	**98**	86-115	%	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C
a,a,a-trifluorotoluene SUR	**104**	70-130	%	1	LMM	6/3/14	6930	6/5/14	19:44	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-003
Sample ID: CSS-1
Matrix: Solid Percent Dry: 70.7% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:45

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
chloromethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
vinyl chloride	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
bromomethane	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
chloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
trichlorofluoromethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
diethyl ether	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
acetone	< 4	4	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1-dichloroethene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
methylene chloride	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
carbon disulfide	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
methyl t-butyl ether (MTBE)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
trans-1,2-dichloroethene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
isopropyl ether (DIPE)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
ethyl t-butyl ether (ETBE)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1-dichloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
t-butanol (TBA)	< 4	4	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
2-butanone (MEK)	< 0.5	0.5	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
2,2-dichloropropane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
cis-1,2-dichloroethene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
chloroform	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
bromochloromethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
tetrahydrofuran (THF)	< 0.8	0.8	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1,1-trichloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1-dichloropropene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
t-amyl-methyl ether (TAME)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
carbon tetrachloride	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2-dichloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
benzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
trichloroethene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2-dichloropropane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
bromodichloromethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,4-dioxane	< 4	4	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
dibromomethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
4-methyl-2-pentanone (MIBK)	< 0.7	0.7	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
cis-1,3-dichloropropene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
toluene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
trans-1,3-dichloropropene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
2-hexanone	< 0.8	0.8	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1,2-trichloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,3-dichloropropane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
tetrachloroethene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
dibromochloromethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-003
Sample ID: CSS-1
Matrix: Solid Percent Dry: 70.7% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:45

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
1,2-dibromoethane (EDB)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
chlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1,1,2-tetrachloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
ethylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
m&p-xylenes	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
o-xylene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
styrene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
bromoform	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
isopropylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,1,2,2-tetrachloroethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2,3-trichloropropane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
n-propylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
bromobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,3,5-trimethylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
2-chlorotoluene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
4-chlorotoluene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
tert-butylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2,4-trimethylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
sec-butylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,3-dichlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
4-isopropyltoluene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,4-dichlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2-dichlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
n-butylbenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2,4-trichlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,3,5-trichlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
hexachlorobutadiene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
naphthalene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
1,2,3-trichlorobenzene	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	**99**	78-114	%	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
toluene-D8 SUR	**100**	88-110	%	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
4-bromofluorobenzene SUR	**95**	86-115	%	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C
a,a,a-trifluorotoluene SUR	**101**	70-130	%	1	LMM	6/3/14	6930	6/5/14	20:15	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-004
Sample ID: CSS-2
Matrix: Solid Percent Dry: 74.6% Results expressed on a dry weight basis.
Sampled: 5/29/14 12:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
chloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
bromomethane	< 0.3	0.3	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
chloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
diethyl ether	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
acetone	< 3	3	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
methylene chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
t-butanol (TBA)	< 3	3	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
2-butanone (MEK)	< 0.3	0.3	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
chloroform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
tetrahydrofuran (THF)	< 0.5	0.5	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
benzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
trichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,4-dioxane	< 3	3	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
dibromomethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
4-methyl-2-pentanone (MIBK)	< 0.5	0.5	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
toluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
2-hexanone	< 0.5	0.5	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-004
Sample ID: CSS-2
Matrix: Solid Percent Dry: 74.6% Results expressed on a dry weight basis.
Sampled: 5/29/14 12:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
o-xylene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
styrene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
bromoform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
bromobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
naphthalene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	**98**	78-114	%	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
toluene-D8 SUR	**103**	88-110	%	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
4-bromofluorobenzene SUR	**97**	86-115	%	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C
a,a,a-trifluorotoluene SUR	**108**	70-130	%	1	LMM	6/3/14	6930	6/5/14	22:46	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-005
Sample ID: CSS-3
Matrix: Solid Percent Dry: 76.8% Results expressed on a dry weight basis.
Sampled: 5/29/14 13:30

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
chloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
bromomethane	< 0.3	0.3	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
chloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
diethyl ether	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
acetone	< 3	3	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
methylene chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
t-butanol (TBA)	< 3	3	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
2-butanone (MEK)	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
chloroform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
tetrahydrofuran (THF)	< 0.6	0.6	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
benzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
trichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,4-dioxane	< 3	3	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
dibromomethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
4-methyl-2-pentanone (MIBK)	< 0.6	0.6	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
toluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
2-hexanone	< 0.6	0.6	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-005
Sample ID: CSS-3
Matrix: Solid Percent Dry: 76.8% Results expressed on a dry weight basis.
Sampled: 5/29/14 13:30

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
o-xylene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
styrene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
bromoform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
bromobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,3,5-trimethylbenzene	**0.5**	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2,4-trimethylbenzene	**0.7**	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
4-isopropyltoluene	**0.2**	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
naphthalene	**0.2**	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	**97**	78-114	%	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
toluene-D8 SUR	**104**	88-110	%	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
4-bromofluorobenzene SUR	**103**	86-115	%	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C
a,a,a-trifluorotoluene SUR	**95**	70-130	%	1	LMM	6/3/14	6930	6/5/14	23:16	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-006
Sample ID: CSS-4
Matrix: Solid Percent Dry: 84.9% Results expressed on a dry weight basis.
Sampled: 5/29/14 13:40

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
chloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
bromomethane	< 0.2	0.2	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
chloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
diethyl ether	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
acetone	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
methylene chloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
t-butanol (TBA)	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
2-butanone (MEK)	< 0.3	0.3	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
chloroform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
tetrahydrofuran (THF)	< 0.5	0.5	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
benzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
trichloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,4-dioxane	< 2	2	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
dibromomethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
4-methyl-2-pentanone (MIBK)	< 0.4	0.4	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
toluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
2-hexanone	< 0.5	0.5	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870
Sample#: 29870-006
Sample ID: CSS-4
Matrix: Solid Percent Dry: 84.9% Results expressed on a dry weight basis.
Sampled: 5/29/14 13:40

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
o-xylene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
styrene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
bromoform	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
bromobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
naphthalene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	**98**	78-114	%	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
toluene-D8 SUR	**101**	88-110	%	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
4-bromofluorobenzene SUR	**105**	86-115	%	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C
a,a,a-trifluorotoluene SUR	**101**	70-130	%	1	LMM	6/3/14	6930	6/5/14	23:47	SW5035A8260C

Absolute Resource associates

Project ID: Ernie's 13001185
Job ID: 29870

Sample#: 29870-001
Sample ID: CSB-1
Matrix: Solid Percent Dry: 88.1% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:15

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
TPH C10-C36	< 210	210	ug/g	1	JLZ	6/9/14	6955	6/9/14	16:07	SW3550C8100m
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	**106**	40-140	%	1	JLZ	6/9/14	6955	6/9/14	16:07	SW3550C8100m
o-terphenyl SUR	**105**	40-140	%	1	JLZ	6/9/14	6955	6/9/14	16:07	SW3550C8100m

Sample#: 29870-002
Sample ID: CSB-2
Matrix: Solid Percent Dry: 86.6% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:20

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
TPH C10-C36	< 220	220	ug/g	1	JLZ	6/9/14	6955	6/9/14	16:23	SW3550C8100m
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	**104**	40-140	%	1	JLZ	6/9/14	6955	6/9/14	16:23	SW3550C8100m
o-terphenyl SUR	**105**	40-140	%	1	JLZ	6/9/14	6955	6/9/14	16:23	SW3550C8100m

Sample#: 29870-003
Sample ID: CSS-1
Matrix: Solid Percent Dry: 70.7% Results expressed on a dry weight basis.
Sampled: 5/29/14 11:45

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
TPH C10-C36	< 260	260	ug/g	1	JLZ	6/9/14	6955	6/11/14	3:15	SW3550C8100m
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	**94**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	3:15	SW3550C8100m
o-terphenyl SUR	**88**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	3:15	SW3550C8100m

Sample#: 29870-004
Sample ID: CSS-2
Matrix: Solid Percent Dry: 74.6% Results expressed on a dry weight basis.
Sampled: 5/29/14 12:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
TPH C10-C36	< 250	250	ug/g	1	JLZ	6/9/14	6955	6/11/14	2:26	SW3550C8100m
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	**85**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	2:26	SW3550C8100m
o-terphenyl SUR	**81**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	2:26	SW3550C8100m

Project ID: Ernie's 13001185
Job ID: 29870

Sample#: 29870-005
Sample ID: CSS-3
Matrix: Solid Percent Dry: 76.8% Results expressed on a dry weight basis.
Sampled: 5/29/14 13:30

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
TPH C10-C36	**560**	240	ug/g	1	JLZ	6/9/14	6955	6/11/14	3:31	SW3550C8100m
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	**108**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	3:31	SW3550C8100m
o-terphenyl SUR	**100**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	3:31	SW3550C8100m

Sample#: 29870-006
Sample ID: CSS-4
Matrix: Solid Percent Dry: 84.9% Results expressed on a dry weight basis.
Sampled: 5/29/14 13:40

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
TPH C10-C36	**510**	220	ug/g	1	JLZ	6/9/14	6955	6/11/14	4:03	SW3550C8100m
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	**91**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	4:03	SW3550C8100m
o-terphenyl SUR	**96**	40-140	%	1	JLZ	6/9/14	6955	6/11/14	4:03	SW3550C8100m

Absolute Resource associates
124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

29870

Company Name: CREDERE
Company Address: 776 MAIN ST WESTBROOK ME 04092
Report To: JUDD NEWCOMB
Phone #: 207-232-5387
Invoice to Email: JNEWCOMB@CREDERELLC.com
☐ Hard Copy Invoice Required

Project Name: ERNIE'S
Project #: 13001185
Project Location: (NH) MA ME VT NY Other
Protocol: RCRA SDWA NPDES MCP (NHDES) OTHER
Reporting Limits: QAPP GW-1 S-1 EPA DW Other
Quote #: ☒ NH Reimbursement Pricing
PO # 13001185

ANALYSIS REQUEST

☒ VOC 8260 ☐ VOC 8260 NHDES ☐ VOC 8260 MADEP; ☐ VOC 624 ☐ VOC BTEX ☐ MtBE, only ☐ VOC 8021VT; ☐ VPH MADEP ☐ MEGRO ☐ GRO 8015 ☐ 1,4-Dioxane; ☐ VOC 524.2 ☐ VOC 524.2 NH List ☐ Gases-List:; ☒ TPH ☐ DRO 8015 ☐ MEDRO ☐ EPH MADEP ☐ TPH Fingerprint; ☐ 8270PAH ☐ 8270ABN ☐ 625 ☐ EDB; ☐ 8082 PCB ☐ 8081 Pesticides ☐ 608 Pest/PCB; ☐ O&G 1664 ☐ Mineral O&G SM5520F; ☐ pH ☐ BOD ☐ Conductivity ☐ Turbidity; ☐ TSS ☐ TDS ☐ TS ☐ TVS ☐ Alkalinity; ☐ RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals ☐ Hardness; ☐ Total Metals-list:; ☐ Dissolved Metals-list:; ☐ Ammonia ☐ COD ☐ TKN ☐ TN ☐ TON ☐ TOC; ☐ T-Phosphorus ☐ Phenols ☐ Bacteria P/A ☐ Bacteria MPN; ☐ Cyanide ☐ Sulfide ☐ Nitrate + Nitrite ☐ Ortho P; ☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Sulfate ☐ Bromide ☐ Fluoride; ☐ Corrosivity ☐ Reactive CN ☐ Reactive S- ☐ Ignitibility/FP; ☐ TCLP Metals ☐ TCLP VOC ☐ TCLP SVOC ☐ TCLP Pesticide; Subcontract: ☐ Grain Size ☐ Herbicides ☐ Formaldehyde; Grab (G) or Composite (C)

Lab Sample ID (Lab Use Only)	Field ID	# Containers	Water	Solid	Other	HCl	HNO_3	H_2SO_4	NaOH	MeOH	Date	Time	Sampler	VOC 8260	TPH	Grab (G) or Composite (C)
29870-01	CSB-1	2		X						X	5/29/14	1115	JN	X	X	C
-02	CSB-2	2		↓						↓	↓	1120	↓	↓	↓	↓
-03	CSS-1	2		↓						↓	↓	1145	↓	↓	↓	↓
-04	CSS-2	2		↓						↓	↓	1200	↓	↓	↓	↓
-05	CSS-3	2		↓						↓	↓	1330	↓	↓	↓	↓
-06	CSS-4	2		↓						↓		1340		↓	↓	↓

TAT REQUESTED
Priority (24 hr)* ☐
Expedited (48 hr)* ☐
Standard (10 Business Days) ☐
*Date Needed 6/11/14

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS ☒ PDF (e-mail address) JNEWCOMB@CREDERELLC.com
☐ HARD COPY REQUIRED ☐ FAX (FAX#)

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE ___ °C

CUSTODY RECORD

Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Sampler: [signature]	5/30/14	1623	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by Laboratory: [signature]	5/30/14	1623

QSD-01 Revision 03/03/14

16

APPENDIX C

SOIL DISPOSAL DOCUMENTATION

1153-14

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294293
Date :5/28/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01950

Order No : 9025
Fmr Ernie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 4
Miles : 0
Tons : 121.00

Truck : ENPR907 Enpro #907F
Location: NH NEW HAMPSHIRE

Gross : 54980 lb Scale 1 In 1:19 pm
Tare : 24860 lb STORED Out 1:18 pm

Net : 30120 lb
15.060 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	15.060 tn					

ENPRO

www.enpro.com www.tsdf.com www.hazardouswaste.com www.enpro.com

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NHD980000812 — Manifest Document No. 28646
2. Page 1 of 1

3. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
Attn: JOYCE KULWEILRK
4. Generator's Phone (603) 225 - 3712

A. Non Hazardous Manifest Document Number: NHZ001 28848
B. S.G.I. (Gen. Site Address) (20 EAST MAIN STREET TILTON NH 03276
C. S.T.I. (Tr. Plate #)
D. Transporter's Phone 603 783 5228

5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC.
6. US EPA ID Number
7. Transporter 2 Company Name
8. US EPA ID Number

E. S.T.I. (Tr. Plate #)
F. Transporter's Phone

9. Designated Facility Name and Site Address
ENVIRONMENTAL SOIL MANAGEMENT INC
61 INTERNATIONAL DRIVE
LOUDON NH 03307
10. US EPA ID Number NHD980818852

G. State Facility's ID: SAME
H. Facility's Phone 603 783 5228

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	State Waste No.
NON DOT: NON RCRA REGULATED MATERIAL	001	DT	15 ton	T	State NONE State NONE
b.					State State
c.					State State
d.					State State

J. Additional Descriptions for Materials Listed Above
(a) Petroleum Impacted Soils
(b)

K. Handling Codes for Wastes Listed Above: a. Interim Final; b. Interim Final; c. d.

15. Special Handling Instructions and Additional Information
1)

Point of Departure: NH 03 Loc. 1163 14

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: 05 28 14

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: George Reynolds — Signature: George Reynolds — Month Day Year: 05 28 14

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space
1506 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19. — Date
Printed/Typed Name: ESM Krystle Cogan — Signature: [illegible] — Month Day Year: 05 28 14

TRANSPORTER #2

GENERATOR — TRANSPORTER — FACILITY

1153-14

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294298
Date :5/28/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01950

Order No : 9025
Fmr Ernie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 5
Miles : 0
Tons : 142.09

Truck : ENPR907 Enpro #907F
Location: NH NEW HAMPSHIRE

Gross : 67040 lb MAN WT In 2:43 pm
Tare : 24860 lb STORED Out 2:43 pm

Net : 42180 lb
21.090 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	21.090 tn					

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.
2. Page 1 of 1

3. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
ATTN: JOYCE FULWELLER
4. Generator's Phone (603) 286-3712

A. Non Hazardous Manifest Document Number: NHZ001 28849
B. S.G. (Gen. Site Address): 130 EAST MAIN STREET, TILTON NH 03276
C. S.T.1 (Loc. Plate #)
D. Transporter 1 Phone: 603-781-0023

5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC.
6. US EPA ID Number

7. Transporter 2 Company Name
8. US EPA ID Number

E. S.T.2 (Loc. Plate #)
F. Transporter 2 Phone

9. Designated Facility Name and Site Address
ENVIRONMENTAL SOIL MANAGEMENT INC.
64 INTERNATIONAL DRIVE
LOUDON NH 03307
10. US EPA ID Number: NHD988485852

G. State Facility's ID: SAME
H. Facility's Phone: 603-783-1028

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
NON DOT, NON RCRA REGULATED MATERIAL	001	DT 115	T	State NONE State NONE
b.				State State
c.				State State
d.				State State

J. Additional Descriptions for Materials Listed Above
(15) Petroleum Impacted Soils
a. b. c. d.

K. Handling Codes for Wastes Listed Above
Interim Final
a. b. c. d.

15. Special Handling Instructions and Additional Information
1)

Point of Departure: HNP40 KIR# 11551-14

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

GENERATOR

Printed/Typed Name	Signature	Month Day Year
Joyce Fulweiler / Agent for Town of Tilton	J. Fulweiler	05 28 14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: George Reynolds	Signature: George Reynolds	Month Day Year: 05 28 14
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space
21.09 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
Eric Angelucci		05 28 14

TRANSPORTER #2

www.enpro.com www.tsdf.com www.hazardouswaste.com

1105-14

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294316
Date :5/29/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01950

Order No : 9025
Fmr Ernie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 6
Miles : 0
Tons : 163.09

Truck : ENPR907 Enpro #907F
Location: NH NEW HAMPSHIRE

Gross : 66860 lb Scale 1 In 9:52 am
Tare : 24860 lb STORED Out 9:52 am

Net : 42000 lb
21.000 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	21.000 tn					

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NHD980495250 — Manifest Document No.
2. Page 1 of 1

3. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
Attn: JOYCE FULWELLER
4. Generator's Phone ( ) - -

A. Non-Hazardous Manifest Document Number: NHZ001 28850
B. S.G.L. (Gen. Site Address): 181 EAST MAIN STREET TILTON NH 03276
C. S.T.L. (Lic. Plate #):
D. Transporter's Phone: 603-783-1002

5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC.
6. US EPA ID Number:
E. S.T.L. (Lic. Plate #):
F. Transporter's Phone:

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
ENVIRONMENTAL SOIL MANAGEMENT INC.
64 INTERNATIONAL DRIVE
LOUDON NH 03307
10. US EPA ID Number: NHD988048662
G. State Facility's ID: SAME
H. Facility's Phone: 603-783-0270

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
NON DOT, NON RCRA REGULATED MATERIAL	001	DT	15	T	State NONE / State NONE
b.					State / State
c.					State / State
d.					State / State

J. Additional Descriptions for Materials Listed Above
(b) Petroleum Impacted Soils
a. b. c. d.

K. Handling Codes for Wastes Listed Above: Interim / Final
a. b. c. d.

15. Special Handling Instructions and Additional Information
1)
Point of Departure: ENPRO JOB# 1153-14

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name: Todd Newcomb / Agent for Tilton — Signature: [signature] — Month Day Year: 05 27 14

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: George Reynolds — Signature: George Reynolds — Month Day Year: 05 27 14

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space
21.00 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Erin Marie LaCoagre — Signature: [signature] — Date: Month Day Year: 05 27 14

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER #2

www.enpro.com www.tsdf.com www.hazardouswaste.com www.enpro.com www.tsdf.com www.hazardouswaste.com www.enpro.com www.tsdf.com www.hazardouswaste.com

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294323 1153-14
Date :5/29/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01950

Order No : 9025

Fmr Emie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 7
Miles : 0
Tons : 177.81

Truck : ENPR907 Enpro #907F
Location: NH NEW HAMPSHIRE

Gross : 54300 lb Scale 1 In 11:28 am
Tare : 24860 lb STORED Out 11:28 am

Net : 29440 lb
14.720 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	14.720 tn					

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NHD980662851 — Manifest Document No.
2. Page 1 of 1
3. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
Attn: JOYCE FULWEILER
4. Generator's Phone (603) 286 - 3112
A. Non-Hazardous Manifest Document Number: NHZ001 28851
B. State Gen. Site Address: 145 EAST MAIN STREET, TILTON NH 03276
C. State Gen. Site #
D. Generator's Phone
5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC.
6. US EPA ID Number
E. State Trans. Lic. Plate #
F. Transporter's Phone
7. Transporter 2 Company Name
8. US EPA ID Number
G. State Trans. Lic. Plate #
H. Transporter's Phone
9. Designated Facility Name and Site Address
ENVIRONMENTAL SOIL MANAGEMENT INC
61 INTERNATIONAL DRIVE
LOUDON NH 03307
10. US EPA ID Number NHD986485852
I. State Facility's ID #: SAME
J. Facility's Phone: 603 783 0228

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	DT	115	T	State NONE / State NONE
b.					State / State
c.					State / State
d.					State / State

J. Additional Descriptions for Materials Listed Above
(5) Petroleum Impacted Soils
a. b. c. d.

K. Handling Codes for Wastes Listed Above: a. Interim Final b. Interim Final c. d.

15. Special Handling Instructions and Additional Information
11

Point of Departure: ENPRO JOB# 115314

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

GENERATOR

Printed/Typed Name	Signature	Month Day Year
Todd Newland / Agent for Tilton	[signature]	05 29 14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month Day Year
George Reynolds	George Reynolds	05 29 14

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space
14.72 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name	Signature	Month Day Year
Ann Angelucci	[signature]	05 29 14

TRANSPORTER #2

www.enpro.com www.tsdf.com www.haz www.enpro.com www.hazardouswaste.com www.enpro.com www.tsdf.com www.hazardouswaste.com

1153-14

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294355
Date :5/30/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01950

Order No : 9025
Fmr Ernie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 8
Miles : 0
Tons : 205.57

Truck : ENPRO ENPRO ENVIRONMENTAL #794
Location: NH NEW HAMPSHIRE

Gross : 83560 lb MAN WT In 10:41 am
Tare : 28040 lb STORED Out 10:41 am

Net : 55520 lb
27.760 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	27.760 tn					

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NHD988882863 — Manifest Document No.
2. Page 1 of 1

3. Generator's Name and Mailing Address
TOWN OF TILTON NH — ATTN: JOYCE FULWILER
257 MAIN STREET
TILTON NH 03276
4. Generator's Phone (603) 286-3412

A. Non-Hazardous Manifest Document Number: NHZ001 28853
B. State Gen. Site Address: 137 EAST MAIN STREET, TILTON NH 03276
C. State Lic. Plate #: MM-20403
D. Transporter's Phone: 603-742-3228
E. State Lic. Plate #:
F. Transporter's Phone:
G. State Facility's ID: SAME
H. Facility's Phone: 603-783-0728

5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC. — 6. US EPA ID Number
7. Transporter 2 Company Name — 8. US EPA ID Number
9. Designated Facility Name and Site Address: ENVIRONMENTAL SOIL MANAGEMENT INC., 64 INTERNATIONAL DRIVE, TOULON NH 03307 — 10. US EPA ID Number: NHD981055052

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	DT 28	T	State NONE / State NONE
b.				State / State
c.				State / State
d.				State / State

J. Additional Descriptions for Materials Listed Above
(5) Hydrogen filmacies bolls
a. b. c. d.

K. Handling Codes for Wastes Listed Above — Interim / Final
a. b. c. d.

15. Special Handling Instructions and Additional Information
Point of Departure: ENPRO JOB# 115114

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name: Paul Silverman — Signature — Month 01 Day 15 Year 14

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Joe Gilman — Signature — Month 01 Day 30 Year 14
18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space
27.76 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19. — Date
Printed/Typed Name: Elizabeth Geagre — Signature — Month 01 Day 30 Year 14

TRANSPORTER #2

GENERATOR / TRANSPORTER / FACILITY

www.enpro.com www.tsdf.com www.hazardouswaste.com

1153-14

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294366
Date :5/30/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01960

Order No : 9025
Fmr Ernie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 9
Miles : 0
Tons : 231.85

Truck : ENPRO ENPRO ENVIRONMENTAL #794
Location: NH NEW HAMPSHIRE

Gross : 80600 lb Scale 1 In 12:25 pm
Tare : 28040 lb STORED Out 12:25 pm

Net : 52560 lb
26.280 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	26.280 tn					

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NHD988988988 — Manifest Document No. 28854

2. Page 1 of 1

3. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
Attn: JOYCE FULWEILER

4. Generator's Phone (603) 225 - 3712

A. Non-Hazardous Manifest Document Number: NHZ001 28854

B. S.G.I. (Gen. Site Address): 180 EAST MAIN STREET, TILTON NH 03276

5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC. — 6. US EPA ID Number

C. S.T.I. (Lic. Plate #): NH 23403

D. Transporter's Phone: 603 783 0228

7. Transporter 2 Company Name — 8. US EPA ID Number

E. S.T.I. (Lic. Plate #):

F. Transporter's Phone:

9. Designated Facility Name and Site Address
ENVIRONMENTAL SOIL MANAGEMENT INC.
54 INTERNATIONAL DRIVE
LOUDON NH 03307
NHS988648852 — 10. US EPA ID Number

G. State Facility's ID: SAME

H. Facility's Phone: 603 783 0228

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.	Waste No.
NON DOT, NON RCRA REGULATED MATERIAL	001	DT	22	T	State NONE State NONE
b.					State State
c.					State State
d.					State State

J. Additional Descriptions for Materials Listed Above
a. Petroleum Impacted Soils
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. Interim Final
b. Interim Final
c.
d.

15. Special Handling Instructions and Additional Information

Point of Departure: ENPHO JOB# 115111

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name: JUDITH Wang / AGENT FOR TILTON — Signature: [signature] — Month 05 Day 30 Year 14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Joe Collins — Signature: Joe Collins — Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space
26.28 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jim Anglatergue — Signature: [signature] — Date Month 05 Day 30 Year 14

TRANSPORTER #2

www.enpro.com www.tsdf.com www.hazardouswaste.com www.enpro.com www.tsdf.com www.hazardouswaste.com www.enpro.com www.tsdf.com www.hazardouswaste.com

1152-14

ESMI of N.H.
67 International Drive

Loudon, NH 03307

Ticket No :294372
Date :5/30/14
Phone :(603)783-0228
Fax :(603)783-0104

Customer: ENP20
ENPRO SERVICES, INC. (MASS)
12 MULLIKAN WAY

NEWBURYPORT, MA 01950

Order No : 9025
Fmr Ernie's Garage - GS01
180 E. Main St.
Tilton NH

Loads : 10
Miles : 0
Tons : 251.50

Truck : ENPRO ENPRO ENVIRONMENTAL #794
Location: NH NEW HAMPSHIRE

Gross : 67340 lb Scale 1 In 2:22 pm
Tare : 28040 lb STORED Out 2:22 pm

Net : 39300 lb
19.650 tn

Weigh Master: ANGELA
Angela Gagne

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
GASOLINE	19.650 tn					

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
ATTN: JOYCE FULWEILER
4. Generator's Phone (603) 225 3712

A. Non-Hazardous Manifest Document Number: NHZ001 28855
B. S.T.I. (Gen. Site Address): 180 EAST MAIN STREET, TILTON NH 03276
C. S.T.I. (Lic. Plate #): NH 2012
D. Transporter's Phone: 603-793-0728
E. S.T.I. (Lic. Plate #)
F. Transporter's Phone
G. State Facility's ID: NAME
H. Facility's Phone: 603-783-0228

5. Transporter 1 Company Name: ENVIRONMENTAL SOIL MANAGEMENT INC. | 6. US EPA ID Number
7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address
ENVIRONMENTAL SOIL MANAGEMENT INC.
64 INTERNATIONAL DRIVE
LOUDON NH 03307
10. US EPA ID Number: NHSD8R48583 2

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.	Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	DT	000/0	T	State NONE State NONE
b.					State State
c.					State State
d.					State State

J. Additional Descriptions for Materials Listed Above
(5) Petroleum Impacted Soils
a. b. c. d.

K. Handling Codes for Wastes Listed Above: Interim / Final
a. b. c. d.

15. Special Handling Instructions and Additional Information
1)
Point of Departure: ENPRO JOB# 11532 14

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

GENERATOR

Printed/Typed Name	Signature	Month Day Year
JUDY WEBBER / AGENT FOR TILTON	[signature]	03 31 14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Joe Gilliam	Signature: [signature]	Month Day Year: 03 31 14
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space
19.65 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
Erin Anzuleagre	[signature]	04 30

TRANSPORTER #2

www.enpro.com www.tsdf.com www.hazardouswaste.com www.enpro.com www.hazardouswaste.com www.tsdf.com www.enpro.com www.hazardouswaste.com

APPENDIX D

GROUNDWATER DISPOSAL DOCUMENTATION

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NHD999888998	2. Page 1 of 1	3. Emergency Response Phone 800 968-1102	4. Manifest Tracking Number 002483816 GBF

5. Generator's Name and Mailing Address
TOWN OF TILTON NH
257 MAIN STREET
TILTON NH 03276
Generator's Phone: 603 225-3712

AE JOYCE FULWEILER

Generator's Site Address (if different than mailing address)
TOWN OF TILTON NH
180 EAST MAIN STREET
TILTON NH 03276

6. Transporter 1 Company Name: ENPRO SERVICES, INC.
U.S. EPA ID Number: MAD986067004

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENPRO SERVICES OF MAINE, INC.
106 MAIN STREET
SOUTH PORTLAND ME 04106
Facility's Phone: 207 799-0850
U.S. EPA ID Number: MED019051069

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WT/Vol.	13. Waste Codes		
	1 STATE REGULATED OIL WASTE	001	TT	900	G	NHX1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1)(L) oil/water dexsil _x_ Passed/____ Failed
ENPRO PO# ~~27323~~ 27348
ENPRO JOB# 1153-14

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Aaron Shumway
Signature
Month Day Year: 05 09 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: George Reynolds
Signature: George Reynolds
Month Day Year: 05 30 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR INT'L TRANSPORTER DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

www.enpro.com www.hazardouswaste.com www.tsdf.com