THE COMMONWEALTH OF MASSACHUSETTS
OFFICE OF THE
BRISTOL COUNTY SHERIFF

400 FAUNCE CORNER ROAD
NORTH DARTMOUTH, MA 02747

THOMAS M. HODGSON
SHERIFF

TEL. (508) 995-6400 EXT.2611
FAX. (508) 998-0487
EMAIL: CHARLESMONIZ@BCSO-MA.ORG

FROM: Joe Gouveia

TO: Office of the City Clerk of New Bedford, MA

DATE: July 31, 2018

RE: Letter of Revocation for Annual Petroleum Storage Registration

To Whom It May Concern:

This letter is being sent to inform the City of New Bedford that Bristol County House of Correction, located at 226 Ash Street, New Bedford, MA has ceased operation of its 10,000 gallon Underground Petroleum Storage Tank (UST) and would like to have its Registration Permit revoked in its entirety.

The facility switched to natural gas several years ago and no longer stores, uses or keeps crude Petroleum. Therefore, Frank Corp. Environmental was contracted to empty, clean and remove the UST. However, after emptying and cleaning the tank, it was determined that removal of the UST would undermine the existing foundation and jeopardize the structural integrity of the adjacent building. It was therefore determined that the tank be filled and closed in place in accordance with the requirements of the Office of the State Fire Marshall.

Please feel free to give me a call if you have any questions.

Thank you.

Best regards,

Joe Gouveia
Project/Inventory Control Manager
Maintenance Department
Bristol County Sheriff's Office
josegouveia@bcso-ma.org
508-995-6400 ext. 2454

April 30, 2018

Michael Gomes, Fire Chief
City of New Bedford Fire Department
c/o Kirk Franklin
Frank Corp. Environmental
615 Tarklin Hill Rd.
New Bedford, MA 02745

Apex Engineering
2510 Cranberry Hwy.
Wareham, MA 02571
(508) 763-2752
www.apexengcoinc.com

RE: Ash Street Jail
226 Ash St.
New Bedford, MA
Apex Job #18-038

Dear Chief Gomes:

On April 26, 2018, per the request of Mr. Kirk Franklin of Frank Corp. Environmental, Scott Orlowski of this office conducted a site visit to assess the feasibility of removing an underground storage tank (UST) at 226 Ash Street.

Removal of the 10,000-gallon UST would likely undermine the existing foundation, which may jeopardize the structural integrity of the adjacent structure. We therefore request that the UST be closed in place in accordance with the requirements of the Massachusetts Office of the State Fire Marshall.

Should you have any questions about this letter, please do not hesitate to contact this office.

Respectfully,
Apex Engineering

Scott Orlowski, P.E.

Digitally signed by Scott Orlowski, P.E.
DN: cn=Scott Orlowski, P.E., o=Apex Engineering, ou, email=sorlowski@apexengineeringllc.com, c=US
Date: 2018.08.01 13:15:26 -04'00'

Scott R. Orlowski, P.E.
President

18-038. Frank Corp (Ash St. Jail) - Str rpt-01.docx
cc: File 18-038
K. Franklin (Frank Corp.)

City of New Bedford

MASSACHUSETTS

OFFICE OF THE CITY CLERK

133 William St 02740-6182
Tel 508-979-1450 / Fax 508-991-6225

Dennis W. Farias
CITY CLERK

STEPHANIE MACOMBER
ASSISTANT CITY CLERK

SUSAN HENRIQUES
ASSISTANT COUNCIL CLERK

4/3/2018

Cert ID: 2241

BRIST. CO. HOUSE OF CORRECTION
400 FAUNCE CORNER ROAD
DARTMOUTH, MA 02747

ANNUAL PETROLEUM STORAGE REGISTRATION

You are hereby notified that under the provisions of Chapter 148 of the General Laws, a certificate of use and occupancy must be filed in the office of the City Clerk on or before April 30th of each year, for all premises licensed to keep, store or sell products of crude petroleum.

Location: 226 ASH STREET

originally granted to: BRISTOL COUNTY HOUSE OF CORRE

on 9/14/1950

PLEASE RETURN THIS NOTICE WITH YOUR PAYMENT

Item	Units:	Fee
Petro Gallons:	10000	$70.00
		$0.00
	Total:	$70.00

Federal employer's Identification Number (FEIN) required to complete our paperwork.

With kind regards,

Dennis W. Farias
City Clerk

Form ST-2

Certificate of Exemption

Massachusetts Department of Revenue

Certification is hereby made that the organization herein named is an exempt purchaser under General Laws, Chapter 64H, sections 6(d) and (e). All purchases of tangible personal property by this organization are exempt from taxation under said chapter to the extent that such property is used in the conduct of the business of the purchaser. Any abuse or misuse of this certificate by any tax-exempt organization or any unauthorized use of this certificate by any individual constitutes a serious violation and will lead to revocation. **Willful misuse of this Certificate of Exemption is subject to criminal sanctions of up to one year in prison and $10,000 ($50,000 for corporations) in fines.** (See reverse side.)

COMMONWEALTH OF MASSACHUSETTS
1 ASHBURTON PLACE ROOM 909
BOSTON, MASSACHUSETTS 02108

EXEMPTION NUMBER
046-002-284

ISSUE DATE
10/27/92

CERTIFICATE EXPIRES ON
NONE

COMMISSIONER OF REVENUE
FREDERICK A. LASKEY

NOT ASSIGNABLE OR TRANSFERABLE

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: MAR000000631
2. Page 1 of: 1
3. Emergency Response Phone: 877-377-7355
4. Manifest Tracking Number: 018091096 JJK

GENERATOR

5. Generator's Name and Mailing Address: Bristol County Ag's Closed Facility, 108 Crapt Street, New Bedford, MA 02740, (508) 997-6851
Generator's Site Address (if different than mailing address): Same
Generator's Phone:

6. Transporter 1 Company Name: Frank Coup.
U.S. EPA ID Number: MAD980539823

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

8. Designated Facility Name and Site Address: Rolfsend Environmental, LLC, 275 Allens Avenue, Providence, RI 02905, 401-781-6340
U.S. EPA ID Number: RID010093360
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. MA State Regulated Oily Solid	007	DM	2700	P	MA01	0015	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
E. COLI BANK

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 | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

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

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

GENERATOR'S INITIAL COPY

STRAIGHT BILL OF LADING – ORIGINAL – NOT NEGOTIABLE

Shipper's No. _____

Carrier Frank Corp SCAC _____ Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at 615 Tackinhill Rd Hubs date 5/7/18 from Ash St,

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination or on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to Olsen's Greenhouse

Destination	State	County	Zip	Delivery Address
10479	590 South St Raynham	MA		

Route

Delivering Carrier Frank Corp. Vehicle Number

Number of Packages	Description of Articles	Weight (sub. to correction)	Class or Rate
1	Fuel Oil	5172	Gal

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

FREIGHT CHARGES:
Prepaid ☐
Collect ☐

COD AMT:
$

TOTAL CHARGES:
$ _____

Collect On Delivery $ | and remit to | COD FEE: $ Prepaid ☐ Collect ☐

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ _____ per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

Shipper: _____ Carrier: _____

Per: _____ Date: _____ Per: _____ Date: _____

862 (Rev. 3/17)

1

May 22, 2018

Bristol County Sheriff Office
C/O Frank Corp. Environmental Services
615 Tarkiln Hill Road
New Bedford, MA 02745

Subject: Environmental Monitoring Services for UST Removal
Ash Street Jail Bristol County Sheriff
New Bedford, Massachusetts
CEC Project 165-087.0160

Civil & Environmental Consultants, Inc. (CEC) of Raynham, Massachusetts is pleased to submit this letter report detailing the environmental conditions during the assessment of one 10,000 gallon #2 fuel oil underground storage tank (UST) at the above-mentioned property (the Site). The soil sampling was conducted by Frank Corp. Environmental Services (Frank Corp.) of New Bedford, Massachusetts, in conjunction with CEC. The following summarizes CEC's evaluation to determine if a Release, as per 310 CMR 40.0000 to the environment has occurred from the UST.

On May 4, 2018, Frank Corp met CEC on site and gained access to the jail. The UST is located within the jail grounds, the courtyard, approximately five feet off of the northeast "kitchen" two-story brick building and is located approximately four feet below grade. The UST is approximately 8 feet wide and 27 feet long. Refer to the attached Site Figure.

The UST was previously cleaned, by Frank Corp. Prior to entering the UST, ambient air inside the tank was screened for total organic vapors (TOVs) utilizing a photo-ionization detector (PID) calibrated to "read as benzene." PID readings ranged from 80 to 110 parts per million volume (ppmv). Frank Corp. entered the tank and while utilizing 1-inch diameter drill bits, to drill holes into the sidewalls and bottom of the UST. Soil samples were collected and screened with a PID using the head-space method for TOVs. Due to the already elevated PID readings inside the tank, the headspace readings from the soil samples were likely artificially elevated. Bottom samples could not be obtained through the floor due to water and the concrete saddle under the tank. Soil that was encountered was moist sand with some gravel and silt; there were no visual observations of fuel oil impact.

Head Space Test readings are summarized below.

LOCATION	Head Space Test in ppmv
A	11.9
B	28.4
C	43.4
D	28.0

ppmv = parts per million by volume

To further evaluate the soil conditions, three soil samples were collected based on the highest PID readings and submitted to Con-test Analytical Laboratory (Contest) of East Longmeadow, Massachusetts. The soil samples were analyzed for extractable petroleum hydrocarbons (EPH) with target diesel polycyclic aromatic hydrocarbons (PAHs). Only one parameter was detected in one of the three samples. The detection of C19-C36 Aliphatics was above laboratory reporting limits but well below MassDEP's most conservative Reportable Concentration, RCS-1. The table below depicts a summary of soil results. The laboratory report is attached.

Table 1
Summary of Soil Results
Ash Street Jail
New Bedford, MA

Parameter	Reportable Concentrations (RCs)	SAMPLING LOCATION		
	RCS-1	B	C	D
Sampling Date		5/4/2018	5/4/2018	5/4/2018
Head Space Results ppmv		28.4	43.4	28
Sample Depth		9-Feet	9-Feet	9-Feet
MADEP-EPH-04-1.1 (mg/Kg dry)				
C9-C18 ALIPHATICS	1000	<11	<11	<10
C19-C36 ALIPHATICS	3000	<11	<11	**14**
C11-C22 AROMATICS	1000	<11	<11	<10
ACENAPHTHENE	4	<0.11	<0.11	<0.10
2-METHYLNAPHTHALENE	0.7	<0.11	<0.11	<0.10
NAPHTHALENE	4	<0.11	<0.11	<0.10
PHENANTHRENE	10	<0.11	<0.11	<0.10

NOTES:
1. < = Not detected above the lab reporting limits
2. ~ = No Method 1 Standard or UCL available
3. Bolded values detected but below Reportable Concentrations

Based on all data collected, no evidence of a Release or a Reportable Condition, as defined by 310 CMR 40.0300, was observed during this assessment. The sidewall soil samples collected were moist in nature suggesting that they were collected within the groundwater smear zone (the smear zone is the most likely area to encounter a petroleum Release if present). Although UST bottom samples were not obtained, attempts to collect these samples determined that the bottom of the UST was below the groundwater table and that concrete was present at the base of the UST serving as a saddle or anchor to hold the UST down below the water table. This also indicates that the sidewall samples collected were within a few feet of the groundwater table – again suggesting worst case scenario. Based on all field and laboratory analytical data collected to date, it is the opinion of CEC that no future assessment is warranted at this time and that no evidence of a Release or Reportable Condition has been observed.

We appreciate the opportunity to be of service to you. Please do not hesitate to contact either of the undersigned if you have any questions, comments or concerns.

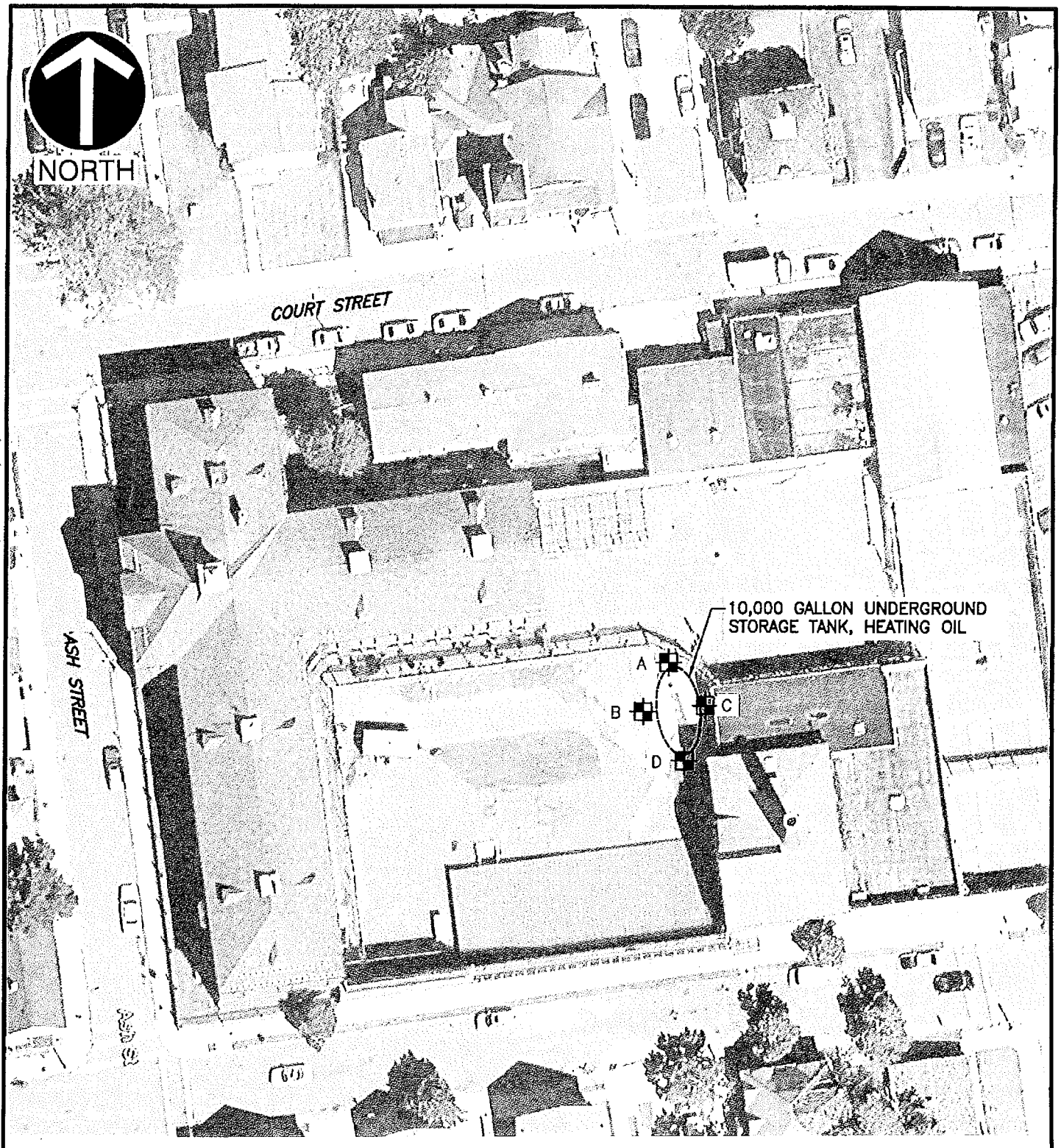
Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Erin Foley
Assistant Project Manager

William R. Hoyerman, P.G., LSP
Senior Project Manager

Enclosures:
Site Figure
Laboratory Analytical Report



LEGEND

APPROXIMATE SOIL SCREENING LOCATION

SCALE IN FEET

0 50 100

Civil & Environmental Consultants, Inc.
333 Baldwin Road · Pittsburgh, PA 15205
412-429-2324 · 800-365-2324
www.cecinc.com

BRISTOL COUNTY SHERIFF
ASH STREET AND COURT STREET FACILITY
NEW BEDFORD, MASSACHUSETTS

AERIAL SITE MAP

DRAWN BY:	AAC	CHECKED BY:	WRH	APPROVED BY:	WRH	FIGURE NO.:	2
DATE:	MAY 2018	DWG SCALE:	1"=50'	PROJECT NO:	165-087-160		

P:\2016\165-087\-CADD\Dwg\EN160-Bristol County Sheriff\165087-EN160-Aerial and Site Map.dwg[AERIAL] LS:(5/22/2018 - acochrane) - LP: 5/22/2018 3:44 PM

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 17, 2018

Bill Hoyerman
Civil & Environmental Consultants, Inc.
31 Bellows Road
Raynham, MA 02767

Project Location: New Bedford, MA
Client Job Number:
Project Number: 165-087.0160
Laboratory Work Order Number: 18E0467

Enclosed are results of analyses for samples received by the laboratory on May 9, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Hoffman

Jessica L. Hoffman
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Civil & Environmental Consultants, Inc.
31 Beltows Road
Raynham, MA 02767
ATTN: Bill Hoyerman

REPORT DATE: 5/17/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 165-087.0160

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18E0467

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Bedford, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B	18E0467-01	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
C	18E0467-02	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
D	18E0467-03	Soil		MADEP-EPH-04-1.1	
				SM 2540G	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method MA EPH, only diesel targets were requested and reported.

MADEP-EPH-04-1.1

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

n-Decane

B203127-BLK1, B203127-BS1, B203127-BSD1

n-Nonane

B203127-BLK1, B203127-BS1, B203127-BSD1

MADEP-EPH-04-1.1

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford, MA | Sample Description: | Work Order: 18E0467

Date Received: 5/9/2018

Field Sample #: B | Sampled: 5/4/2018 11:15

Sample ID: 18E0467-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
Unadjusted C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
Acenaphthene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
2-Methylnaphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
Naphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW
Phenanthrene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:28	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	81.2	40-140		5/16/18 20:28
o-Terphenyl (OTP)	86.3	40-140		5/16/18 20:28
2-Bromonaphthalene	83.1	40-140		5/16/18 20:28
2-Fluorobiphenyl	94.1	40-140		5/16/18 20:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford, MA
Sample Description:
Work Order: 18E0467

Date Received: 5/9/2018

Field Sample #: B
Sampled: 5/4/2018 11:15

Sample ID: 18E0467-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.6		% Wt	1		SM 2540G	5/14/18	5/15/18 7:52	MRL

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford, MA | Sample Description: | Work Order: 18E0467

Date Received: 5/9/2018

Field Sample #: C | Sampled: 5/4/2018 11:20

Sample ID: 18E0467-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
Unadjusted C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
Acenaphthene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
2-Methylnaphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
Naphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW
Phenanthrene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 20:47	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	84.9	40-140		5/16/18 20:47
o-Terphenyl (OTP)	88.0	40-140		5/16/18 20:47
2-Bromonaphthalene	78.6	40-140		5/16/18 20:47
2-Fluorobiphenyl	93.7	40-140		5/16/18 20:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford, MA | Sample Description: | Work Order: 18E0467

Date Received: 5/9/2018

Field Sample #: C | Sampled: 5/4/2018 11:20

Sample ID: 18E0467-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	5/14/18	5/15/18 7:53	MRL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford, MA | Sample Description: | Work Order: 18E0467

Date Received: 5/9/2018

Field Sample #: D | Sampled: 5/4/2018 11:25

Sample ID: 18E0467-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
C19-C36 Aliphatics	14	10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
Unadjusted C11-C22 Aromatics	ND	10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
C11-C22 Aromatics	ND	10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
Acenaphthene	ND	0.10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
2-Methylnaphthalene	ND	0.10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
Naphthalene	ND	0.10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW
Phenanthrene	ND	0.10	mg/Kg dry	1		MADEP-EPH-04-1.1	5/11/18	5/16/18 21:06	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	82.8	40-140		5/16/18 21:06
o-Terphenyl (OTP)	88.1	40-140		5/16/18 21:06
2-Bromonaphthalene	85.2	40-140		5/16/18 21:06
2-Fluorobiphenyl	98.0	40-140		5/16/18 21:06

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Project Location: New Bedford, MA
Sample Description:
Work Order: 18E0467

Date Received: 5/9/2018

Field Sample #: D
Sampled: 5/4/2018 11:25

Sample ID: 18E0467-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	5/14/18	5/15/18 7:53	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
18E0467-01 [B]	B203127	20.0	2.00	05/11/18
18E0467-02 [C]	B203127	20.0	2.00	05/11/18
18E0467-03 [D]	B203127	20.6	2.00	05/11/18

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
18E0467-01 [B]	B203261	05/14/18
18E0467-02 [C]	B203261	05/14/18
18E0467-03 [D]	B203261	05/14/18

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B203127 - SW-846 3546										
Blank (B203127-BLK1)				Prepared: 05/11/18 Analyzed: 05/14/18						
C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C11-C22 Aromatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
n-Decane	ND	0.10	mg/Kg wet							L-04
n-Docosane	ND	0.10	mg/Kg wet							
n-Dodecane	ND	0.10	mg/Kg wet							
n-Eicosane	ND	0.10	mg/Kg wet							
n-Hexacosane	ND	0.10	mg/Kg wet							
n-Hexadecane	ND	0.10	mg/Kg wet							
n-Hexatriacontane	ND	0.10	mg/Kg wet							
n-Nonadecane	ND	0.10	mg/Kg wet							
n-Nonane	ND	0.10	mg/Kg wet							L-04
n-Octacosane	ND	0.10	mg/Kg wet							
n-Octadecane	ND	0.10	mg/Kg wet							
n-Tetracosane	ND	0.10	mg/Kg wet							
n-Tetradecane	ND	0.10	mg/Kg wet							
n-Triacontane	ND	0.10	mg/Kg wet							
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	*3.76*		mg/Kg wet	5.00		75.1	40-140			
Surrogate: o-Terphenyl (OTP)	*3.67*		mg/Kg wet	5.00		73.4	40-140			
Surrogate: 2-Bromonaphthalene	*3.81*		mg/Kg wet	5.02		75.9	40-140			
Surrogate: 2-Fluorobiphenyl	*4.25*		mg/Kg wet	5.04		84.2	40-140			
LCS (B203127-BS1)				Prepared: 05/11/18 Analyzed: 05/14/18						
C9-C18 Aliphatics	19.0	10	mg/Kg wet	30.0		63.4	40-140			
C19-C36 Aliphatics	26.6	10	mg/Kg wet	40.0		66.5	40-140			
Acenaphthene	3.17	0.10	mg/Kg wet	5.00		63.4	40-140			
Acenaphthylene	3.01	0.10	mg/Kg wet	5.00		60.2	40-140			
Anthracene	3.94	0.10	mg/Kg wet	5.00		78.7	40-140			
Benzo(a)anthracene	4.15	0.10	mg/Kg wet	5.00		83.1	40-140			
Benzo(a)pyrene	4.01	0.10	mg/Kg wet	5.00		80.2	40-140			
Benzo(b)fluoranthene	4.06	0.10	mg/Kg wet	5.00		81.2	40-140			
Benzo(g,h,i)perylene	4.00	0.10	mg/Kg wet	5.00		80.1	40-140			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B203127 - SW-846 3546											
LCS (B203127-BS1)				Prepared: 05/11/18 Analyzed: 05/14/18							
Benzo(k)fluoranthene	4.02	0.10	mg/Kg wet	5.00		80.4		40-140			
Chrysene	4.13	0.10	mg/Kg wet	5.00		82.6		40-140			
Dibenz(a,h)anthracene	4.10	0.10	mg/Kg wet	5.00		82.1		40-140			
Fluoranthene	4.09	0.10	mg/Kg wet	5.00		81.7		40-140			
Fluorene	3.50	0.10	mg/Kg wet	5.00		70.1		40-140			
Indeno(1,2,3-cd)pyrene	3.79	0.10	mg/Kg wet	5.00		75.8		40-140			
2-Methylnaphthalene	2.83	0.10	mg/Kg wet	5.00		56.6		40-140			
Naphthalene	2.36	0.10	mg/Kg wet	5.00		47.1		40-140			
Phenanthrene	3.97	0.10	mg/Kg wet	5.00		79.3		40-140			
Pyrene	4.14	0.10	mg/Kg wet	5.00		82.7		40-140			
n-Decane	1.75	0.10	mg/Kg wet	5.00		**35.1**	*	40-140			L-04
n-Docosane	3.65	0.10	mg/Kg wet	5.00		73.1		40-140			
n-Dodecane	2.13	0.10	mg/Kg wet	5.00		42.7		40-140			
n-Eicosane	3.59	0.10	mg/Kg wet	5.00		71.8		40-140			
n-Hexacosane	3.52	0.10	mg/Kg wet	5.00		70.5		40-140			
n-Hexadecane	3.48	0.10	mg/Kg wet	5.00		69.5		40-140			
n-Hexatriacontane	3.20	0.10	mg/Kg wet	5.00		64.0		40-140			
n-Nonadecane	3.61	0.10	mg/Kg wet	5.00		72.3		40-140			
n-Nonane	1.35	0.10	mg/Kg wet	5.00		**27.0**	*	30-140			L-04
n-Octacosane	3.41	0.10	mg/Kg wet	5.00		68.2		40-140			
n-Octadecane	3.78	0.10	mg/Kg wet	5.00		75.5		40-140			
n-Tetracosane	3.59	0.10	mg/Kg wet	5.00		71.7		40-140			
n-Tetradecane	2.85	0.10	mg/Kg wet	5.00		56.9		40-140			
n-Triacontane	3.30	0.10	mg/Kg wet	5.00		66.0		40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00				0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00				0-5			
Surrogate: Chlorooctadecane (COD)	*3.63*		mg/Kg wet	5.00		72.5		40-140			
Surrogate: o-Terphenyl (OTP)	*3.90*		mg/Kg wet	5.00		78.0		40-140			
Surrogate: 2-Bromonaphthalene	*3.75*		mg/Kg wet	5.02		74.7		40-140			
Surrogate: 2-Fluorobiphenyl	*4.28*		mg/Kg wet	5.04		84.9		40-140			
LCS Dup (B203127-BSD1)				Prepared: 05/11/18 Analyzed: 05/14/18							
C9-C18 Aliphatics	18.3	10	mg/Kg wet	30.0		61.1		40-140	3.72	25	
C19-C36 Aliphatics	25.8	10	mg/Kg wet	40.0		64.4		40-140	3.15	25	
Acenaphthene	2.84	0.10	mg/Kg wet	5.00		56.8		40-140	10.9	25	
Acenaphthylene	2.70	0.10	mg/Kg wet	5.00		54.0		40-140	10.8	25	
Anthracene	3.57	0.10	mg/Kg wet	5.00		71.3		40-140	9.84	25	
Benzo(a)anthracene	3.77	0.10	mg/Kg wet	5.00		75.5		40-140	9.55	25	
Benzo(a)pyrene	3.63	0.10	mg/Kg wet	5.00		72.6		40-140	9.89	25	
Benzo(b)fluoranthene	3.65	0.10	mg/Kg wet	5.00		73.0		40-140	10.5	25	
Benzo(g,h,i)perylene	3.53	0.10	mg/Kg wet	5.00		70.5		40-140	12.6	25	
Benzo(k)fluoranthene	3.69	0.10	mg/Kg wet	5.00		73.8		40-140	8.58	25	
Chrysene	3.80	0.10	mg/Kg wet	5.00		76.0		40-140	8.31	25	
Dibenz(a,h)anthracene	3.75	0.10	mg/Kg wet	5.00		75.0		40-140	8.97	25	
Fluoranthene	3.68	0.10	mg/Kg wet	5.00		73.6		40-140	10.5	25	
Fluorene	3.22	0.10	mg/Kg wet	5.00		64.3		40-140	8.58	25	
Indeno(1,2,3-cd)pyrene	3.41	0.10	mg/Kg wet	5.00		68.3		40-140	10.4	25	
2-Methylnaphthalene	2.57	0.10	mg/Kg wet	5.00		51.4		40-140	9.61	25	
Naphthalene	2.12	0.10	mg/Kg wet	5.00		42.3		40-140	10.7	25	
Phenanthrene	3.59	0.10	mg/Kg wet	5.00		71.8		40-140	9.93	25	
Pyrene	3.74	0.10	mg/Kg wet	5.00		74.8		40-140	10.1	25	
n-Decane	1.71	0.10	mg/Kg wet	5.00		**34.2**	*	40-140	2.42	25	L-04

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B203127 - SW-846 3546											
LCS Dup (B203127-BSD1)				Prepared: 05/11/18 Analyzed: 05/14/18							
n-Docosane	3.56	0.10	mg/Kg wet	5.00		71.2		40-140	2.61	25	
n-Dodecane	2.09	0.10	mg/Kg wet	5.00		41.7		40-140	2.31	25	
n-Eicosane	3.48	0.10	mg/Kg wet	5.00		69.7		40-140	2.99	25	
n-Hexacosane	3.43	0.10	mg/Kg wet	5.00		68.5		40-140	2.77	25	
n-Hexadecane	3.38	0.10	mg/Kg wet	5.00		67.5		40-140	2.92	25	
n-Hexatriacontane	3.08	0.10	mg/Kg wet	5.00		61.7		40-140	3.67	25	
n-Nonadecane	3.50	0.10	mg/Kg wet	5.00		70.0		40-140	3.21	25	
n-Nonane	1.32	0.10	mg/Kg wet	5.00		**26.4**	*	30-140	2.25	25	L-04
n-Octacosane	3.32	0.10	mg/Kg wet	5.00		66.5		40-140	2.60	25	
n-Octadecane	3.66	0.10	mg/Kg wet	5.00		73.1		40-140	3.17	25	
n-Tetracosane	3.49	0.10	mg/Kg wet	5.00		69.9		40-140	2.66	25	
n-Tetradecane	2.70	0.10	mg/Kg wet	5.00		54.0		40-140	5.27	25	
n-Triacontane	3.20	0.10	mg/Kg wet	5.00		64.1		40-140	3.04	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00				0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00				0-5			
Surrogate: Chlorooctadecane (COD)	*3.48*		mg/Kg wet	5.00		69.5		40-140			
Surrogate: o-Terphenyl (OTP)	*3.45*		mg/Kg wet	5.00		69.0		40-140			
Surrogate: 2-Bromonaphthalene	*3.56*		mg/Kg wet	5.02		71.0		40-140			
Surrogate: 2-Fluorobiphenyl	*4.32*		mg/Kg wet	5.04		85.8		40-140			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B203261 - % Solids										
Duplicate (B203261-DUP1)	**Source: 18E0467-01**			Prepared: 05/14/18 Analyzed: 05/15/18						
% Solids	93.5		% Wt		93.6			0.174	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP-EPH-04-1.1 in Soil	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC,ME
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P
MADEP-EPH-04-1.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC,ME
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

18E0461

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http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 1_03242017

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name: [illegible]
Address: 31 Bellows
Phone: 781-799-9500
Project Name: ST Excelsior
Project Location: New Bedford
Project Number: 165-082.0160
Project Manager: Bill Hoyerman
Con-Test Quote Name/Number: NA
Invoice Recipient: Bill Hoyerman
Sampled By: CC

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date:

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Con-Test Work Order#	Client Sample ID/ Description	Collection Date	Collection Time	Composite	Grab	Matrix Code	# of Containers	ANALYSIS REQUESTED
01	B	5/4/18	11:15		X	S	L	X
02	C		11:20		X	S	L	X
03	D		11:25		X	S	L	X

ANALYSIS REQUESTED: EPH w/ PAH

# of Containers
[2] Preservation Code
[3] Container Code

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	5/4/18 8:40
Received by: (signature)	Date/Time:
[signature]	5-7-18 8:40
Relinquished by: (signature)	Date/Time:
[signature]	5.9.18 12:32
Received by: (signature)	Date/Time:
[signature]	5-9-18 1232
Relinquished by: (signature)	Date/Time:
[signature]	5-9-18 1805
Received by: (signature)	Date/Time:
[signature]	5/9/18 1805

5/9/18 1955 Sam Simjin 3.2 5/9/18 19:55

Detection Limit Requirements
MA: S-1/GW-1
Other:

Special Requirements
☒ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☒ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Page 18 of 20

Form 070 Courtesy

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client CEC

Received By GD Date 5/9/18 Time 1805

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 577 Actual Temp - 3.2

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? NA MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? NA

Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	3
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 18E0467
Project Location: New Bedford, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

18E0467-01 thru 18E0467-03

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A (X)	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☑ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature: Tod Kopyscinski Position: Laboratory Director

Printed Name: Tod E. Kopyscinski Date: 05/17/18