From: <cawhitemaine@gwi.net>
Date: Fri, Oct 18, 2019 at 8:23 AM
Subject: Bustins Water Quality Test results.
To: <bivc.tanya.sweatt@gmail.com>, <taisey207@aol.com>

Tanya:

Attached are the laboratory test results for the three wells, the Store Well, the Community Well and the Brewer Cottage Well, that I sampled last month with Crawford. The samples were analyzed for poly cyclic/nuclear hydrocarbons (PAH) using US EPA SW-846 method 8270, modified for Simultaneous Ion Monitoring(SIM). This method was used because of its low detection limits for these compounds in water. The water samples were delivered to Maine Environmental Lab in Yarmouth, Maine and they subsequently sent them to their partner lab, Eastern Analytical, for this specialized analysis. PAHs were tested because these are the compounds of concern in relation to Reclaim, or recycled asphalt. I also requested that they lab provide the chromatograms so I could evaluate the nature and distribution of any PAHs, if they were detected. As you can see from the laboratory report , **no PAH compounds were detected in any of the 3 well water samples and the chromatograms look "clean". Based on these results, there is no evidence that the groundwater has been impacted by the recycled asphalt or any other source of PAH compounds.**

I have attached a copy of the invoice from Maine Environmental Laboratory and would appreciate if BIVC would pay Maine Environmental Lab directly. Please contact me by email or phone if have any questions.

Thanks

Carol

Carol White
C.A. White & Associates LLC
One Main Street
Yarmouth, Maine 04096
Office 207.846.5599
Cell 207.749.6906

Maine Environmental Laboratory

One Main Street, Yarmouth, ME 04096 Tel.: 207-846-6569 FAX: 207-846-9066 Email: melab@mel-lab.com

Report of Analyses

Report Prepared for:

Carol White
C. A. White & Associates
1 Main Street
Yarmouth, ME 04096

Report Information:

Batch ID: CAW 6043
Report ID: 6043-190930-1629
Date of Issue: September 30, 2019

The complete report consists of the following parts:

Maine Environmental Laboratory Chain of Custody form
Eastern Analytical, Inc. report

REPORT NARRATIVE:

Enclosed are results of the analyses for your samples as received by the laboratory. Results are for the exclusive use of the client named on the report and will not be released to a third party without written consent. This report shall not be reproduced except in full without the written consent of the laboratory.

Maine Environmental Laboratory is certified by the States of Maine (Cert. #2019010) and New Hampshire (NH ELAP) (Cert. #2031) and is TNI/NELAP accredited. Our USEPA Lab ID is ME00028. Please refer to our website www.maineenvironmentallaboratory.com for a copy of our Maine and NH ELAP certificates and accreditied parameters. Any subcontracted parameters were produced by a laboratory certified for the fields of testing performed, when available.

Unless otherwise noted:
- Samples were received in acceptable condition and analyzed within method hold times.
- Soils, sediment, solids and tissues are reported on dry weight basis. Wipes are reported on an "as received" basis.
- All quality control data demonstrated acceptable limits.
- The results reported herein conform to the 2009 TNI standards where applicable.
- Analysis of solids for pH, flash point, ignitability, paint filter, corrosivity, alkalinity, conductivity and specific gravity are reported on an “as received” basis.
- Results for “immediate” field parameters tested at the lab such as pH were run outside of the EPA-recommended hold time.

DEFINITIONS:

LOQ / RL - The Limit of Quantitation / Reporting Limit is the minimum level for reporting quantitative data.
LOD / MDL - The Limit of Detection / Method Detection Limit is the minimum level for reporting estimated data.
J - Data reported between the Limit of Quantitation and Limit of Detection is J-flagged as “estimated.”
ND or U – Not detected below the LOD / MDL
B – Detected in QC blank
S – Detection Limits increased due to sample matrix
D1 – Relative Percent Difference (RPD) cannot be calculated because the sample result was below the LOQ.
D2 – Native sample concentration was less than 5 times the LOQ. RPD acceptance range is ± LOQ.
4X – Native sample concentration was greater than 4 times the spike concentration so the spike added could not be distinguished from the native concentration.
% Rec – Percent Recovery; RPD - Relative Percent Difference
D – Duplicate sample
R – Reanalysis

This report has been reviewed and authorized by Jacquelyn R. Villinski, Laboratory Director: Jacquelyn R. Villinski

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

FOR LAB USE ONLY
LABORATORY REPORT # CAW 6043

REPORT TO: Carol White | EMAIL | TELEPHONE

COMPANY | BILL TO / PURCHASE ORDER #

ADDRESS

PROJECT NAME: Bustins Island Village Corp. | SAMPLER NAME: Carol White | QUOTE #

SAMPLE RECEIVING
Within Hold Time? ☒ Yes ☐ No ☐ N/A
Good Condition? ☒ Yes ☐ No ☐ N/A
Preserved? ☒ Yes ☐ No ☐ N/A
Custody Seal? ☐ Yes ☒ No ☐ N/A
Del. by: HM
Temp. °C 2.1

ANALYSES — Specify Required Method

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	PATs by MA	LAB ID/SUBCONTRACTOR
Store Well	1	AIL		X	DW	X		4°C	9/18/19	14:00	X	190919 J003
Community Well	1	AIL		X	DW	X		4°C	9/18/19	14:05	X	190919 J004
Brewer Cottage	1	AIL		X	DW	X		4°C	9/18/19	14:12	X	190919 J005

TURNAROUND REQUEST
☒ Standard
☐ Priority (SURCHARGE)

REPORTING REQUIREMENTS?
☒ Standard Report
☐ ME DEP EDD ☐ STUTOX
☐ DW Compliance (sent to State)
☐ CC Results to _____

COMMENTS: Testing for PATs in drinking water
Not sure of method

MEL reserves the right to subcontract analyses at MEL's discretion.

	DATE	TIME	
RELINQUISHED BY SAMPLER:	9/18/19	1:30	RECEIVED BY:
RELINQUISHED BY:	9/18/19	9:50	RECEIVED BY:
RELINQUISHED BY:	9/19/19	9:50	RECEIVED BY LABORATORY:

 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions. page _____ of _____

Eastern Analytical, Inc.
professional laboratory and drilling services

Jackie Villinski
Maine Environmental Laboratory
One Main Street
Yarmouth , ME 04096

Subject: Laboratory Report

Eastern Analytical, Inc. ID:	200610
Client Identification:	CAW 6043
Date Received:	9/20/2019

Dear Ms. Villinski :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.easternanalytical.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012) and New York (12072).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample (s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw — Lorraine Olashaw, Lab Director
9.30.19 — Date
8 — # of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

EAI ID#: **200610**

Client: **Maine Environmental Laboratory**

Client Designation: **CAW 6043**

Temperature upon receipt (°C): 0.9 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
200610.01	Store Well	9/20/19	9/18/19	aqueous		Adheres to Sample Acceptance Policy
200610.02	Community Well	9/20/19	9/18/19	aqueous		Adheres to Sample Acceptance Policy
200610.03	Brewer Cottage	9/20/19	9/18/19	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.
Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.
All results contained in this report relate only to the above listed samples.
References include:
1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd Edition or noted Revision year.
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 4th edition, 1992

LABORATORY REPORT

EAI ID#: **200610**

Client: **Maine Environmental Laboratory**
Client Designation: **CAW 6043**

Client Sample ID:	Store Well
Lab Sample ID:	200610.01
Matrix:	aqueous
Date Sampled:	9/18/19
Date Received:	9/20/19

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Naphthalene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
2-Methylnaphthalene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
1-Methylnaphthalene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Acenaphthylene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Acenaphthene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Fluorene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Phenanthrene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Anthracene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Pyrene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Benzo[a]anthracene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Chrysene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Benzo[b]fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Benzo[k]fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Benzo[a]pyrene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Indeno[1,2,3-cd]pyrene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Dibenz[a,h]anthracene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
Benzo[g,h,i]perylene	< 0.1	0.1	1	ug/L	9/23/19	18:21	9/23/19	8270D	JMR
p-Terphenyl-D14 (surr)	**89 %R**			%	9/23/19	18:21	9/23/19	8270D	JMR

LABORATORY REPORT

EAI ID#: **200610**

Client: **Maine Environmental Laboratory**
Client Designation: **CAW 6043**

Client Sample ID:	Community Well
Lab Sample ID:	200610.02
Matrix:	aqueous
Date Sampled:	9/18/19
Date Received:	9/20/19

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Naphthalene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
2-Methylnaphthalene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
1-Methylnaphthalene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Acenaphthylene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Acenaphthene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Fluorene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Phenanthrene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Anthracene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Pyrene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Benzo[a]anthracene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Chrysene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Benzo[b]fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Benzo[k]fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Benzo[a]pyrene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Indeno[1,2,3-cd]pyrene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Dibenz[a,h]anthracene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
Benzo[g,h,i]perylene	< 0.1	0.1	1	ug/L	9/23/19	18:43	9/23/19	8270D	JMR
p-Terphenyl-D14 (surr)	**94 %R**			%	9/23/19	18:43	9/23/19	8270D	JMR

LABORATORY REPORT

EAI ID#: **200610**

Client: **Maine Environmental Laboratory**
Client Designation: **CAW 6043**

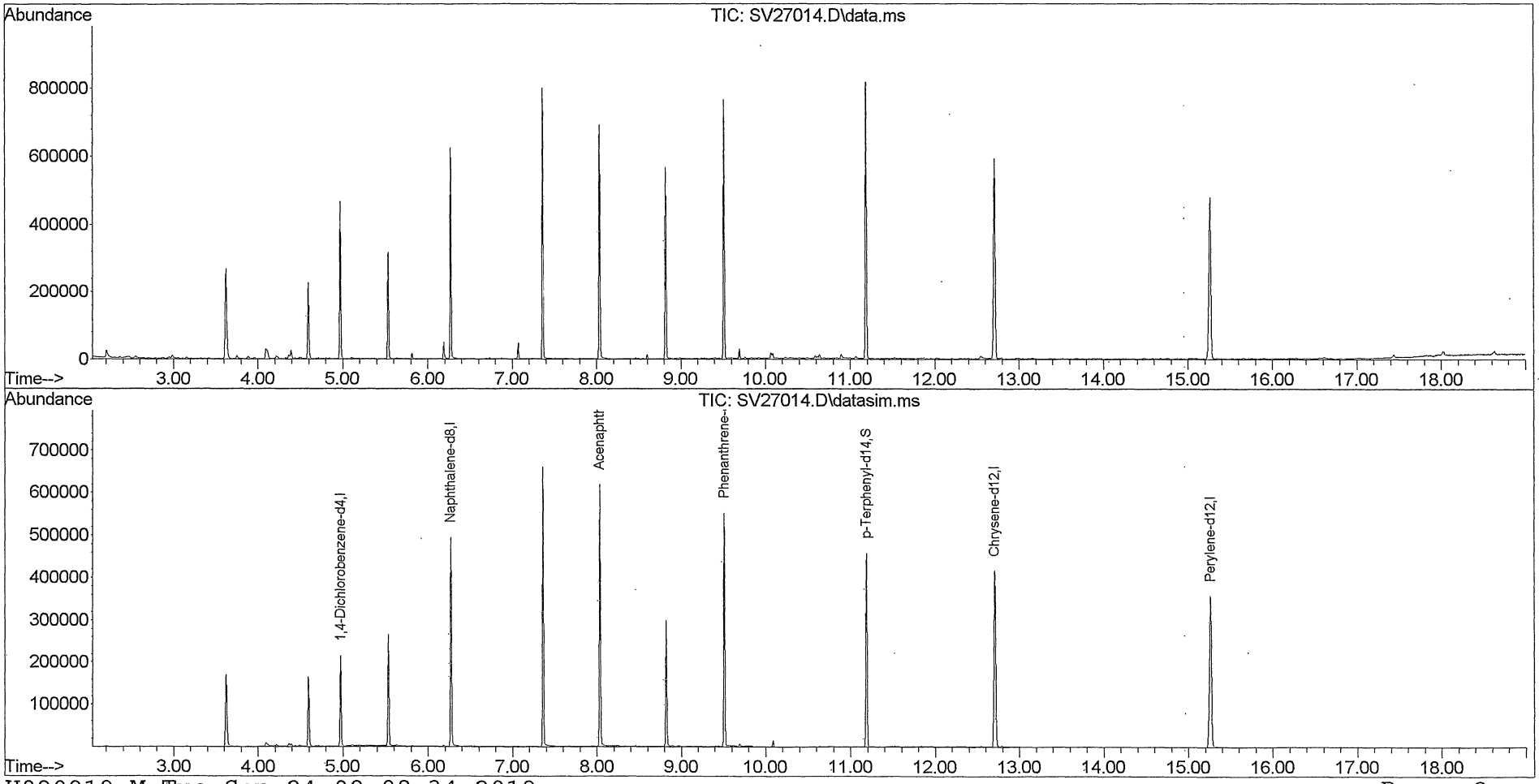
Client Sample ID:	Brewer Cottage
Lab Sample ID:	200610.03
Matrix:	aqueous
Date Sampled:	9/18/19
Date Received:	9/20/19

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Naphthalene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
2-Methylnaphthalene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
1-Methylnaphthalene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Acenaphthylene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Acenaphthene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Fluorene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Phenanthrene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Anthracene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Pyrene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Benzo[a]anthracene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Chrysene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Benzo[b]fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Benzo[k]fluoranthene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Benzo[a]pyrene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Indeno[1,2,3-cd]pyrene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Dibenz[a,h]anthracene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
Benzo[g,h,i]perylene	< 0.1	0.1	1	ug/L	9/23/19	19:06	9/23/19	8270D	JMR
p-Terphenyl-D14 (surr)	**94 %R**			%	9/23/19	19:06	9/23/19	8270D	JMR

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\092319\
Data File : SV27014.D
Acq On : 23 Sep 2019 18:21
Operator :
Sample : 200610.01
Misc : PAH
ALS Vial : 21 Sample Multiplier: 1

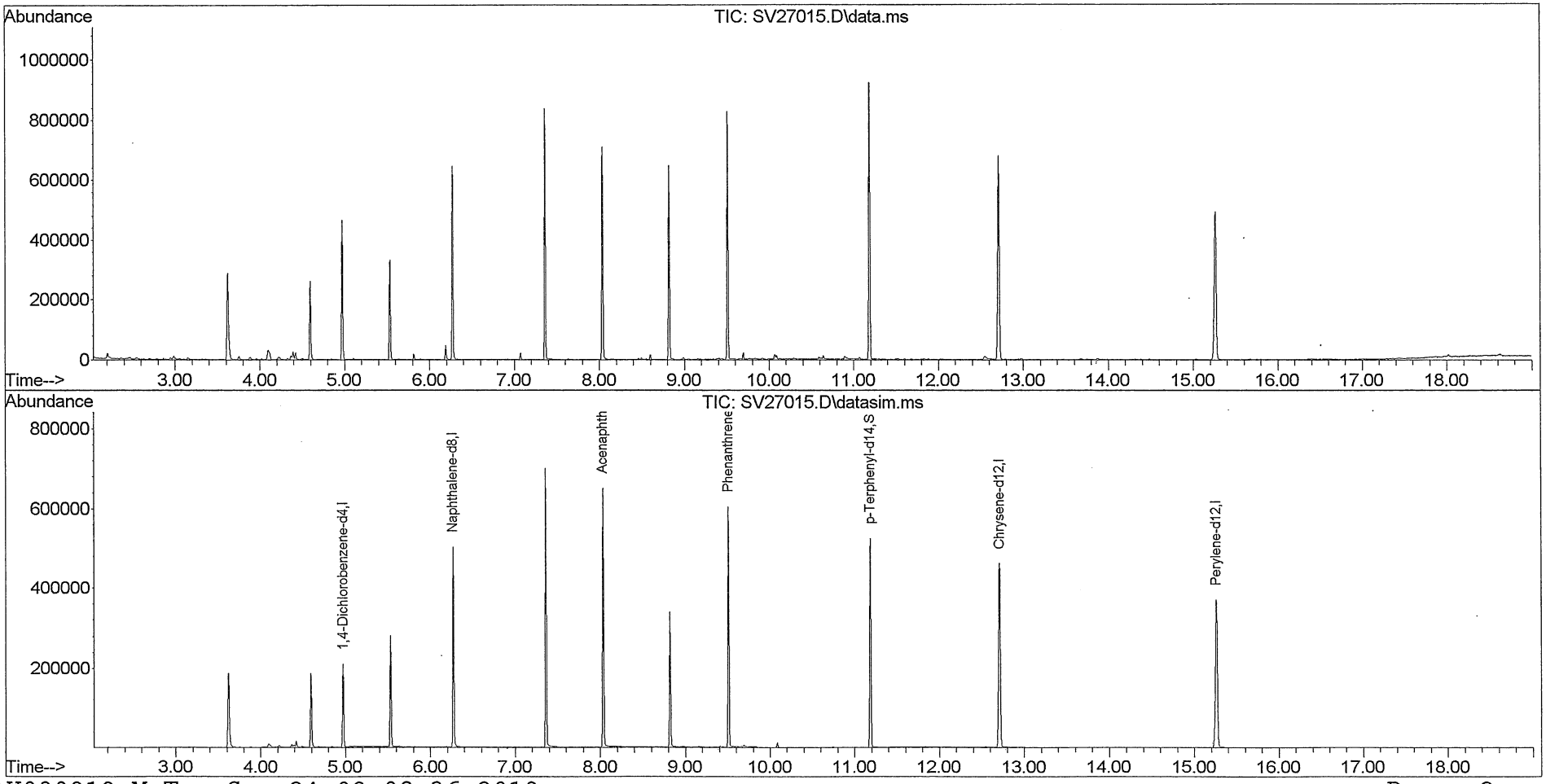
Quant Time: Sep 24 08:50:25 2019
Quant Method : C:\msdchem\1\methods\QUANT METHODS\PAH090919.M
Quant Title : 8270D ABNMS5
QLast Update : Mon Sep 23 11:56:50 2019
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\092319\
Data File : SV27015.D
Acq On : 23 Sep 2019 18:43
Operator :
Sample : 200610.02
Misc : PAH
ALS Vial : 22 Sample Multiplier: 1

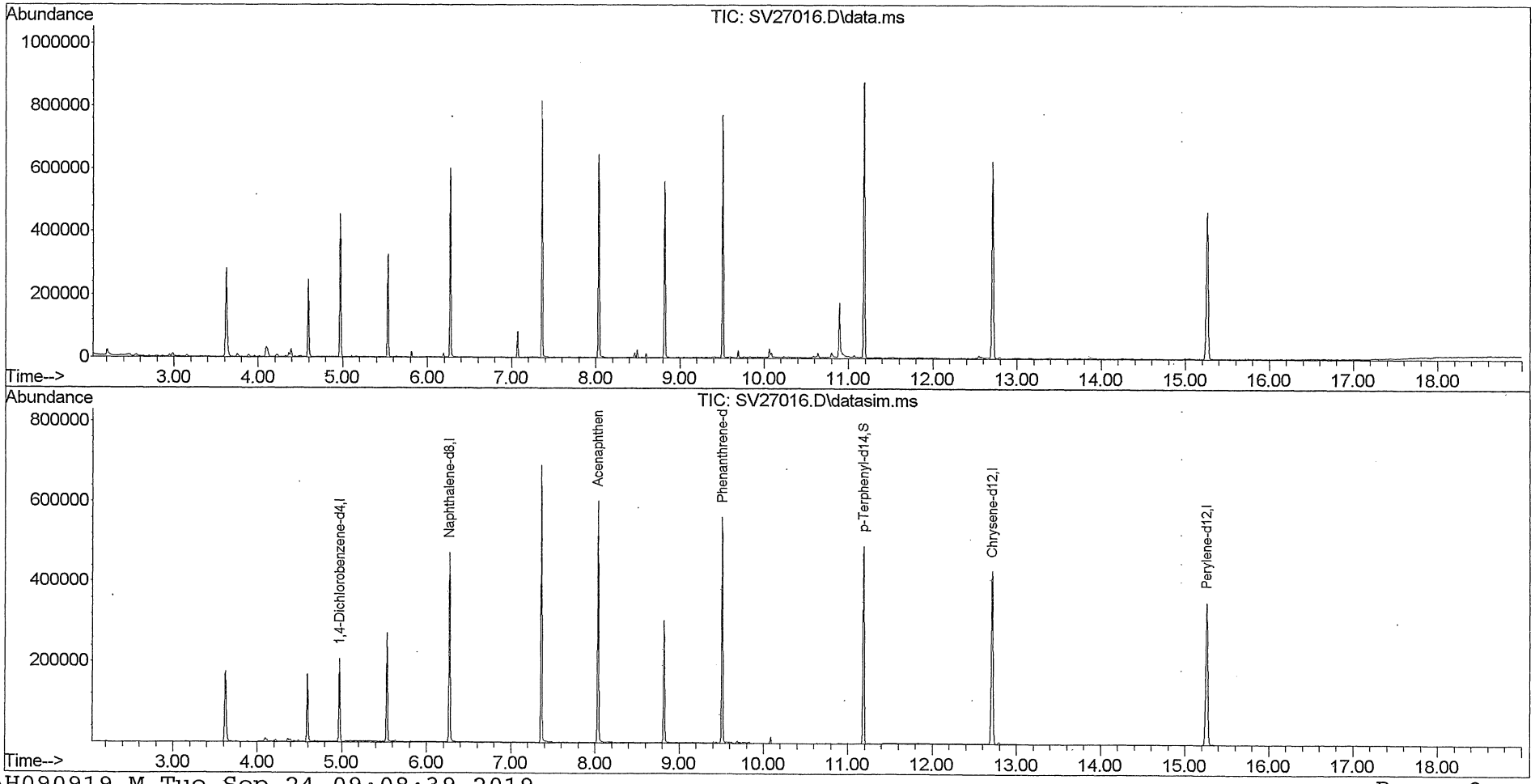
Quant Time: Sep 24 08:50:39 2019
Quant Method : C:\msdchem\1\methods\QUANT METHODS\PAH090919.M
Quant Title : 8270D ABNMS5
QLast Update : Mon Sep 23 11:56:50 2019
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\092319\
Data File : SV27016.D
Acq On : 23 Sep 2019 19:06
Operator :
Sample : 200610.03
Misc : PAH
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 24 08:50:50 2019
Quant Method : C:\msdchem\1\methods\QUANT METHODS\PAH090919.M
Quant Title : 8270D ABNMS5
QLast Update : Mon Sep 23 11:56:50 2019
Response via : Initial Calibration



MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

FOR LAB USE ONLY
LABORATORY JOB # 200610
8 G

REPORT TO: J. Villinski
EMAIL:
TELEPHONE:
COMPANY:
BILL TO / PURCHASE ORDER #:
ADDRESS:
PROJECT NAME: CAW 6043
SAMPLER NAME:
QUOTE #:

ANALYSES — Specify Required Method

Within Hold Time? ❑Yes ❑No ❑N/A
Good Condition? ❑Yes ❑No ❑N/A
Preserved? ❑Yes ❑No ❑N/A
Custody Seal? ❑Yes ❑No ❑N/A
Del. by:
Temp. °C 0.9

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE (drinking water)	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	PAHs (drinking water method) by 8270 SIM plus chrysene	LAB ID/SUBCONTRACTOR
Store Well	1	AMB L		X	GW	X		4°C	9/18/19	14:00	X	
Community Well	1	↓		X	↓	X		↓	↓	14:05	X	
Brewer Cottage	1	↓		X	↓	X		↓	↓	14:12	X	

TURNAROUND REQUEST
☒ Standard 10/1
❑ Priority (SURCHARGE)
MEL3120101-35

REPORTING REQUIREMENTS?
☒ Standard Report
❑ ME DEP EDD ❑ STUTOX
❑ DW Compliance (sent to State)
❑ CC Results to

COMMENTS

MEL reserves the right to subcontract analyses at MEL's discretion.

RELINQUISHED BY SAMPLER:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY: K Bulyn	DATE 9-20-19	TIME 1050	RECEIVED BY BoBH 1050 9-20-19
RELINQUISHED BY: BoBH 9-20-19 1315	DATE 9-20-19	TIME 1315	RECEIVED BY LABORATORY:

COC 42718 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions. page 1 of 1