

**Environment Testing** 

# **ANALYTICAL REPORT**

# PREPARED FOR

Attn: Diana Carpinone WRAFT 27 Moseley Avenue Westfield, Massachusetts 01085 Generated 12/5/2023 1:48:27 PM

# JOB DESCRIPTION

**PAH Testing** 

# **JOB NUMBER**

410-148480-1

Eurofins Lancaster Laboratories Environment Testing, LLC 2425 New Holland Pike Lancaster PA 17601



# **Eurofins Lancaster Laboratories Environment Testing, LLC**

**Job Notes** 

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization

istin Sears

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Authorized for release by Kristin Sears, Operations Support Specialist Kristin.Sears@et.eurofinsus.com (717)556-9424

# **Eurofins Lancaster Laboratories Environment Testing, LLC**

## **Compliance Statement**

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

• QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Kristin Sears

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## **Definitions/Glossary**

## Client: WRAFT Project/Site: PAH Testing

Job ID: 410-148480-1

Glossary		3
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	А
%R	Percent Recovery	
CFL	Contains Free Liquid	5
CFU	Colony Forming Unit	0
CNF	Contains No Free Liquid	
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	
DL	Detection Limit (DoD/DOE)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision Level Concentration (Radiochemistry)	8
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	13
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

## Job ID: 410-148480-1

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

#### Narrative

Job Narrative 410-148480-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method. Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The samples were received on 10/25/2023 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C

#### **Receipt Exceptions**

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Analyses were listed on COC, but individual samples were not designated for specific analyses. Entered per COC and received containers.

#### GC/MS Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 410-148480-1

## **Detection Summary**

## Client: WRAFT Project/Site: PAH Testing

## **Client Sample ID: Driveway Runoff**

## Job ID: 410-148480-1

-1
----

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Anthracene	0.81		0.51	0.10	ug/L	1	8270E	Total/NA
Benzo[a]anthracene	1.1		0.51	0.10	ug/L	1	8270E	Total/NA
Benzo[a]pyrene	1.3		0.51	0.11	ug/L	1	8270E	Total/NA
Benzo[b]fluoranthene	1.6		0.51	0.10	ug/L	1	8270E	Total/NA
Benzo[g,h,i]perylene	1.0		0.51	0.10	ug/L	1	8270E	Total/NA
Benzo[k]fluoranthene	0.68		0.51	0.10	ug/L	1	8270E	Total/NA
Chrysene	2.0		0.51	0.10	ug/L	1	8270E	Total/NA
Fluoranthene	9.7		0.51	0.10	ug/L	1	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.99		0.51	0.11	ug/L	1	8270E	Total/NA
Phenanthrene	1.5		0.51	0.11	ug/L	1	8270E	Total/NA
Pyrene	5.4		0.51	0.10	ug/L	1	8270E	Total/NA

## **Client Sample ID: Field Blank**

No Detections.

This Detection Summary does not include radiochemical test results.

#### 0.51 0.51

**Client Sample Results** 

RL

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

0.51

Qualifier	Limits	Prepared	Analyzed
	44 - 120	10/27/23 14:58	10/30/23 01:01
	31 - 120	10/27/23 14:58	10/30/23 01:01
	30 - 125	10/27/23 14:58	10/30/23 01:01

MDL Unit

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.11 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.10 ug/L

0.12 ug/L

0.11 ug/L

0.10 ug/L

0.11 ug/L

0.10 ug/L

D

Prepared

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

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10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

10/27/23 14:58 10/30/23 01:01

### **Client Sample ID: Field Blank** Date Collected: 10/21/23 00:00 Date Received: 10/25/23 13:05

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
2-Methylnaphthalene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Acenaphthene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Acenaphthylene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Anthracene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Benzo[a]anthracene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Benzo[a]pyrene	ND	0.53	0.12	ug/L		10/27/23 14:58	10/30/23 01:23	1
Benzo[b]fluoranthene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Benzo[g,h,i]perylene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Benzo[k]fluoranthene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Chrysene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Dibenz(a,h)anthracene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Fluoranthene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Fluorene	ND	0.53	0.13	ug/L		10/27/23 14:58	10/30/23 01:23	1
Indeno[1,2,3-cd]pyrene	ND	0.53	0.12	ug/L		10/27/23 14:58	10/30/23 01:23	1
Naphthalene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1
Phenanthrene	ND	0.53	0.12	ug/L		10/27/23 14:58	10/30/23 01:23	1
Pyrene	ND	0.53	0.11	ug/L		10/27/23 14:58	10/30/23 01:23	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

**Result Qualifier** 

ND

ND

ND

ND

0.81

1.1

1.3

1.6

1.0

0.68

2.0

ND

9.7

ND

0.99

ND

1.5

5.4

66

65

88

%Recovery

**Client Sample ID: Driveway Runoff** Date Collected: 10/21/23 00:00 Date Received: 10/25/23 13:05

Client: WRAFT

Analyte

1-Methylnaphthalene

2-Methylnaphthalene

Benzo[a]anthracene

Benzo[b]fluoranthene

Benzo[g,h,i]perylene

Benzo[k]fluoranthene

Dibenz(a,h)anthracene

Indeno[1,2,3-cd]pyrene

2-Fluorobiphenyl (Surr)

Nitrobenzene-d5 (Surr)

p-Terphenyl-d14 (Surr)

Acenaphthene

Anthracene

Chrysene

Fluorene

**Pyrene** 

Surrogate

Naphthalene

**Phenanthrene** 

**Fluoranthene** 

Acenaphthylene

Benzo[a]pyrene

# Lab Sample ID: 410-148480-1

Analyzed

**Matrix: Water** 

Dil Fac

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Dil Fac

Job ID: 410-148480-1

## 12/5/2023

Eurofins Lancaster Laboratories Environment Testing, LLC

## Lab Sample ID: 410-148480-2

Matrix: Water

## **Client Sample Results**

Client: WRAFT Project/Site: PAH Testing Job ID: 410-148480-1

## Client Sample ID: Field Blank Date Collected: 10/21/23 00:00 Date Received: 10/25/23 13:05

Lab	Sample	ID:	410-148480-2
			Motrix: Motor

Matrix: Water

6

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	70	44 - 120	10/27/23 14:58	10/30/23 01:23	1
Nitrobenzene-d5 (Surr)	65	31 - 120	10/27/23 14:58	10/30/23 01:23	1
p-Terphenyl-d14 (Surr)	85	30 - 125	10/27/23 14:58	10/30/23 01:23	1

## **Surrogate Summary**

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) Matrix: Water

				Prep Type: Total/NA
		Pe	ercent Surrogate Re	covery (Acceptance Limits)
	FBP	NBZ	TPHd14	
Client Sample ID	(44-120)	(31-120)	(30-125)	
Driveway Runoff	66	65	88	
Field Blank	70	65	85	
Lab Control Sample	84	78	85	
Method Blank	79	69	94	
	Driveway Runoff Field Blank Lab Control Sample	Client Sample ID(44-120)Driveway Runoff66Field Blank70Lab Control Sample84	FBPNBZClient Sample ID(44-120)(31-120)Driveway Runoff6665Field Blank7065Lab Control Sample8478	FBP         NBZ         TPHd14           Client Sample ID         (44-120)         (31-120)         (30-125)           Driveway Runoff         66         65         88           Field Blank         70         65         85           Lab Control Sample         84         78         85

#### Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

#### Lab Sample ID: MB 410-436659/1-A Matrix: Water

Analysis Batch: 436974

								. Top Batom	
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Acenaphthene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Acenaphthylene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Anthracene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		10/27/23 14:58	10/29/23 16:32	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Chrysene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Fluoranthene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Fluorene	ND		0.50	0.12	ug/L		10/27/23 14:58	10/29/23 16:32	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		10/27/23 14:58	10/29/23 16:32	1
Naphthalene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
Phenanthrene	ND		0.50	0.11	ug/L		10/27/23 14:58	10/29/23 16:32	1
Pyrene	ND		0.50	0.10	ug/L		10/27/23 14:58	10/29/23 16:32	1
	МВ	МВ							

Surrogate	%Recovery G	Qualifier Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79	44 - 120	10/27/23 14:58	10/29/23 16:32	1
Nitrobenzene-d5 (Surr)	69	31 - 120	10/27/23 14:58	10/29/23 16:32	1
p-Terphenyl-d14 (Surr)	94	30 - 125	10/27/23 14:58	10/29/23 16:32	1

#### Lab Sample ID: LCS 410-436659/2-A Matrix: Water Analysis Batch: 436974

#### **Prep Batch: 436659** Spike LCS LCS %Rec Analyte Added **Result Qualifier** Unit D %Rec Limits 1-Methylnaphthalene 50.0 45.8 ug/L 92 58 - 120 2-Methylnaphthalene 50.0 47.5 ug/L 95 53 - 120 Acenaphthene 50.0 53.1 ug/L 106 59 - 120 50.0 Acenaphthylene 52.1 ug/L 104 61 - 121 Anthracene 50.0 50.0 ug/L 100 67 - 123 66 - 133 50.0 Benzo[a]anthracene 59.3 ug/L 119 Benzo[a]pyrene 50.0 53.4 ug/L 107 64 - 131 Benzo[b]fluoranthene 50.0 46.6 ug/L 93 64 - 124 Benzo[g,h,i]perylene 50.0 48.5 ug/L 97 60 - 136 Benzo[k]fluoranthene 50.0 51.0 ug/L 102 67 - 132 Chrysene 50.0 54.3 ug/L 109 70 - 128 Dibenz(a,h)anthracene 50.0 47.2 ug/L 94 59 - 135 Fluoranthene 50.0 ug/L 103 70 - 128 51.7 50.0 Fluorene 50.5 ug/L 101 66 - 120 Indeno[1,2,3-cd]pyrene 50.0 54.0 ug/L 108 55 - 134 50.0 48.0 Naphthalene ug/L 96 55 - 120 Phenanthrene 50.0 52.2 ug/L 104 66 - 120 Pyrene 50.0 53.4 ug/L 107 67 - 126

Job ID: 410-148480-1

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8

### Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 436659

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

5

**8** 9

# Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued) Lab Sample ID: LCS 410-436659/2-A Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA Analysis Batch: 436974 Prep Batch: 436659 LCS LCS Surrogate %Recovery Qualifier Limits

	LCS LCS	
Surrogate	%Recovery Qual	lifier Limits
2-Fluorobiphenyl (Surr)	84	44 - 120
Nitrobenzene-d5 (Surr)	78	31 - 120
p-Terphenyl-d14 (Surr)	85	30 - 125

## **QC** Association Summary

## GC/MS Semi VOA

## Prep Batch: 436659

LCS 410-436659/2-A

Lab Control Sample

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
410-148480-1	Driveway Runoff	Total/NA	Water	3510C	
410-148480-2	Field Blank	Total/NA	Water	3510C	
MB 410-436659/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-436659/2-A	Lab Control Sample	Total/NA	Water	3510C	
L ah Sample ID		Pren Tyne	Matrix	Method	Pren Batch
Analysis Batch: 4369 Lab Sample ID 410-148480-1	974 <u>Client Sample ID</u> Driveway Runoff	Prep Type Total/NA	Matrix Water	Method 8270E	Prep Batch 436659
Lab Sample ID	Client Sample ID				_ <u> </u>

Total/NA

Water

8270E

436659

## Client Sample ID: Driveway Runoff Date Collected: 10/21/23 00:00 Date Received: 10/25/23 13:05

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3510C			436659	T9CY	ELLE	10/27/23 14:58
Total/NA	Analysis	8270E		1	436974	GLQ9	ELLE	10/30/23 01:01

## Client Sample ID: Field Blank Date Collected: 10/21/23 00:00 Date Received: 10/25/23 13:05

_	Batch	Batch		Dilution	Batch			Prepared
Prep Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3510C			436659	T9CY	ELLE	10/27/23 14:58
Total/NA	Analysis	8270E		1	436974	GLQ9	ELLE	10/30/23 01:23

#### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Job ID: 410-148480-1

**Matrix: Water** 

Matrix: Water

Lab Sample ID: 410-148480-1

Lab Sample ID: 410-148480-2

# -2 3 4 5 6 7 8 9 10 11 12 13 14 14

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC The accreditations/certifications listed below are applicable to this report.						
Authority New Hampshire	Program NELAP	Identification Number 2730	Expiration Date 01-10-24	4		
	NELAI	2130	01-10-24	5		
				8		
				9		
				11		
				12		
				13		
				14		

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ELLE

#### **Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Sample Summary

Client: WRAFT Project/Site: PAH Testing

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-148480-1	Driveway Runoff	Water	10/21/23 00:00	10/25/23 13:05
410-148480-2	Field Blank	Water	10/21/23 00:00	10/25/23 13:05

#### Eurofins Lancaster Laboratories Environme

2425 New Holland Pike

## Chain of Custody Record

|--|

Lancaster, PA 17601 Phone: 717-656-2300 Fax: 717-656-2681

Client Information	Sampler Dian Phone 6178	a Carp	inone	Lab Sea	PM Irs, Krist	in M		Carrier Tra	cking No(s)	_41	0-148480 Chain of Custo	lillii dv
lient Contact Diana Carpinone	Phone 617 8	16-8	290	E-Ma Kris		s@et euro	finsus com	State of O	igin: NH		Page 1 of 1	<u> </u>
ompany VRAFT			PWSID		T	0		s Requested			# doL	
Idrass 7 Moseley Avenue	Due Date Requeste							5 Requested			Preservation Codes: A - HCL M - Hexane	,
ity Nestfield State, Zip	TAT Requested (da	iys):									B - NaOH O - AsNaO C - Zn Acetate P - Na2O45	S
MA, 01085	Compliance Projec	at: A Yes	∆ No								E - NaHSO4 Q - Na2SO E - NaHSO4 R - Na2SO F - MeOH S - H2SO4 G - Amchlor S - H2SO4	23
114-564-4772(Tel)	Advance Payme WO #	ent Require	d	_	or No)						H - Ascorbic Acid U - Acetone I - Ice V - MCAA	B
d carpinone@gmail.com Project Name PAH Testing	Project # 41017127				J Sample (Yes or No) MSD (Yes or No)					Italners	L - EDA Z - other (s	
Governor Sawyer Line Dover, NH	SSOW#				Sampl MSD (Y	u.				r of cont	Other:	
		Sample	Sample Type (C=comp,	Matrix (Wewater, Sesolid, Deweste/oil,	eld Filtered	8270E - 18 PAHs				Total Number		
Sample Identification	Sample Date	Time		BT-Tissue, A+Air ation Code:	) ii a XX	the second se	an 10 Kai 3			X	Special Instructions	s/Note
Driveway runoff	10/21/2023		G	Water	Π							
Field Blank	10/21/2023		G	Water								
					T							
					11							
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					┼┼╴							
					1							
Possible Hazard Identification           Non-Hazard         Flammable         Skin Irritant         F	Poison B	nown	Radiologica	u .	Sa [	Return	osal ( A fee ma To Client	Disposal	By Lab	re retain Arcl	ed longer than 1 month) hive For Month	s
Deliverable Requested: I, II, III, IV, Other (specify)							ictions/QC Requ					
Empty Kit Relinquished by		Date:			Time	_		Met	nod of Shipment.			
Reinquished by	Date/Time			Company	1	Received by	1		Date/Time		Company	
Relinquished by	Date/Time			Company	-	Received by	1		Date/Time		Company	
Relinquished by	Date/Time:			Company		Received by	a a.l	Byca	Date/Time	25-23	13:05 Company	GT
Custody Seals Intact: Custody Seal No.							perature(s) °C apor	Diper Remarks	· Lic	1		

## Client: Cash in Advance (Lancaster)

Login Sample Rece	eipt Check	list	2
Client: Cash in Advance (Lancaster)		Job Number: 410-148480-1	
Login Number: 148480 List Sourc	e: Eurofins L	ancaster Laboratories Environment Testing, LLC	4
Creator: Arroyo, Haley			5
Question	Answer	Comment	
The cooler's custody seal is intact.	True		
The cooler or samples do not appear to have been compromised or tampered with.	True		7
Samples were received on ice.	True		8
Cooler Temperature acceptable, where thermal pres is required ( =6C, not frozen).</td <td>True</td> <td></td> <td>9</td>	True		9
Cooler Temperature is recorded.	True		
WV:Container Temp acceptable, where thermal pres is required ( =6C, not frozen).</td <td>N/A</td> <td></td> <td></td>	N/A		
WV: Container Temperature is recorded.	N/A		
COC is present.	True		
COC is filled out in ink and legible.	True		
COC is filled out with all pertinent information.	False	Analysis listed on COC; individual samples not designated for specific analyses.	13
There are no discrepancies between the containers received and the COC.	True		
Sample containers have legible labels.	True		
Containers are not broken or leaking.	True		
Sample collection date/times are provided.	True		15

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable, where thermal pres is required ( =6C, not frozen).</td <td>True</td> <td></td>	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable, where thermal pres is required ( =6C, not frozen).</td <td>N/A</td> <td></td>	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Analysis listed on COC; individual samples not designated for specific analyses.
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	