

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Stephanie R Grillo Groundwater & Environmental Services Inc 440 Creamery Way Suite 500 Exton, Pennsylvania 19341-2577 Generated 10/3/2023 7:48:40 AM

JOB DESCRIPTION

SPLP - Washington Crossing

JOB NUMBER

410-144915-1

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

Generated 10/3/2023 7:48:40 AM

Authorized for release by Amek Carter, Project Manager Loran.Carter@et.eurofinsus.com (717)556-7252 1

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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Amet Cartos

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc Project/Site: SPLP - Washington Crossing

Job ID: 410-144915-1

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	4
%R	Percent Recovery	
CFL	Contains Free Liquid	5
CFU	Colony Forming Unit	
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	0
DLC	Decision Level Concentration (Radiochemistry)	ŏ
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	13
NC	Not Calculated	
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: 410-144915-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative 410-144915-1

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

Receipt

The samples were received on 9/29/2023 1:15 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 0.8°C

GC/MS VOA

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

Detection Summary

Client: Groundwater & Environmental Services Inc Project/Site: SPLP - Washington Crossing

Lab Sample ID: 410-144915-2

Lab Sample ID: 410-144915-1

No Detections.

Client Sample ID:

Client Sample ID:

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc Project/Site: SPLP - Washington Crossing Job ID: 410-144915-1

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Lab Sample ID: 410-144915-1 Matrix: Drinking Water

Date Collected: 09/28/23 11:45 Date Received: 09/29/23 13:15

Client Sample ID:

Analyte	Result Q	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Benzene	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Ethylbenzene	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Toluene	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Methyl tertiary butyl ether	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Naphthalene	ND		0.50	0.20	ug/L			10/02/23 18:46	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/02/23 18:46	1
1,3,5-Trimethylbenzene	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Isopropylbenzene	ND		0.50	0.10	ug/L			10/02/23 18:46	1
Surrogate	%Recovery Q	ualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	111		80 - 120			-		10/02/23 18:46	1
4-Bromofluorobenzene (Surr)	104		80 - 120					10/02/23 18:46	1

Client Sample Results

Client: Groundwater & Environmental Services Inc Project/Site: SPLP - Washington Crossing

Client Sample ID:

Job ID: 410-144915-1

Lab Sample ID: 410-144915-2 Matrix: Drinking Water

Date Collected: 09/28/23 12:20 Date Received: 09/29/23 13:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed
Xylenes, Total	ND		0.50	0.10	ug/L			10/02/23 19:10
Benzene	ND		0.50	0.10	ug/L			10/02/23 19:10
Ethylbenzene	ND		0.50	0.10	ug/L			10/02/23 19:10
Toluene	ND		0.50	0.10	ug/L			10/02/23 19:10
Methyl tertiary butyl ether	ND		0.50	0.10	ug/L			10/02/23 19:10
Naphthalene	ND		0.50	0.20	ug/L			10/02/23 19:10
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/02/23 19:10
1,3,5-Trimethylbenzene	ND		0.50	0.10	ug/L			10/02/23 19:10
Isopropylbenzene	ND		0.50	0.10	ug/L			10/02/23 19:10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed
1,2-Dichlorobenzene-d4 (Surr)			80 - 120			-		10/02/23 19:10
4-Bromofluorobenzene (Surr)	103		80 - 120					10/02/23 19:10

Dil Fac

1

1

1

1

1

1

1

1

1

1

Dil Fac

Prep Type: Total/NA

Method: 524.2 - Volatile Organic Compounds (GC/MS) Matrix: Drinking Water

Percent Surrogate Recovery (Acceptance Limits) DCZ BFB Lab Sample ID **Client Sample ID** (80-120) (80-120) 410-144915-1 111 104 410-144915-2 110 103 LCS 410-426175/4 Lab Control Sample 114 110 MB 410-426175/6 Method Blank 109 104

Surrogate Legend

DCZ = 1,2-Dichlorobenzene-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-426175/6 Matrix: Drinking Water Analysis Batch: 426175

	MB	мв							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.50	0.10	ug/L			10/02/23 14:07	1
Benzene	ND		0.50	0.10	ug/L			10/02/23 14:07	1
Ethylbenzene	ND		0.50	0.10	ug/L			10/02/23 14:07	1
Toluene	ND		0.50	0.10	ug/L			10/02/23 14:07	1
Methyl tertiary butyl ether	ND		0.50	0.10	ug/L			10/02/23 14:07	1
Naphthalene	ND		0.50	0.20	ug/L			10/02/23 14:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/02/23 14:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.10	ug/L			10/02/23 14:07	1
lsopropylbenzene	ND		0.50	0.10	ug/L			10/02/23 14:07	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	109		80 - 120			-		10/02/23 14:07	1
4-Bromofluorobenzene (Surr)	104		80 - 120					10/02/23 14:07	1

Lab Sample ID: LCS 410-426175/4 Matrix: Drinking Water Analysis Batch: 426175

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Xylenes, Total	15.0	14.9		ug/L		99	70 - 130	1
Benzene	5.00	5.01		ug/L		100	70 - 130	
Ethylbenzene	5.00	4.98		ug/L		100	70 - 130	
Toluene	5.00	4.88		ug/L		98	70 - 130	
Methyl tertiary butyl ether	5.00	5.11		ug/L		102	70 - 130	
Naphthalene	5.00	4.65		ug/L		93	70 - 130	
1,2,4-Trimethylbenzene	5.00	4.91		ug/L		98	70 - 130	
1,3,5-Trimethylbenzene	5.00	5.03		ug/L		101	70 - 130	
Isopropylbenzene	5.00	5.07		ug/L		101	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	114		80 - 120
4-Bromofluorobenzene (Surr)	110		80 - 120

5

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Client Sample ID: Method Blank Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Job ID: 410-144915-1

GC/MS VOA

Analysis Batch: 426175

Lab Sample ID 410-144915-1	Client Sample ID	Prep Type Total/NA	Matrix Drinking Water	Method 524.2	Prep Batch
410-144915-2		Total/NA	Drinking Water	524.2	
MB 410-426175/6	Method Blank	Total/NA	Drinking Water	524.2	
LCS 410-426175/4	Lab Control Sample	Total/NA	Drinking Water	524.2	

Client Samp	le ID:							Lab Sample ID: 410-14491
Date Collected	: 09/28/23 11:4	5	_					Matrix: Drinking W
Date Received	: 09/29/23 13:1	5						
_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	524.2		1	426175	UJML	ELLE	10/02/23 18:46
Client Samp	le ID:							Lab Sample ID: 410-14491
Date Collected	: 09/28/23 12:2	0	-					Matrix: Drinking W
Date Received	: 09/29/23 13:1	5						
_	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	524.2		1	426175	UJML	ELLE	10/02/23 19:10

Laboratory References:

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

	ancaster Laboratories Enviror	nment Testing, LLC		
e accreditations/certifications list	ed below are applicable to this report.			
uthority ennsylvania	Program NELAP	Identification Number 36-00037	Expiration Date 01-31-24	
ennsylvania	NELAF	30-00037	01-31-24	
				- i

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	ELLE

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

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

Sample Summary

Client: Groundwater & Environmental Services Inc Project/Site: SPLP - Washington Crossing

Lab Sample ID Client	t Sample ID	Matrix	Collected	Received
410-144915-1		Drinking Water	09/28/23 11:45	09/29/23 13:15
410-144915-2		Drinking Water	09/28/23 12:20	09/29/23 13:15

Job ID: 410-144915-1



												Page	e 1 of
					Chair	n of C	ustoc	y Record			On-site Time:		Temp 0.0
		Sunoco DUNS	5 #:		N/A - Su	n Pipelin	e				Off-site Time:		Temp 0.0
		Region:									Sky Conditions		
		State or Lead	Regul	atory A	gency:		PADE	- Southeast Region		-	Meteorological Events		
				Requ	ested Due	Date (mn	n/dd/yy)	10/2/2023			Wind Speed:	0.0	Direction
					COC T	racking l	Number						
ab Name	Lancaster Laboratories				Facility A	ddress:	Walker	Road			Consultant/Contractor:	GES,	
ddress	2425 New Holland Pike						Washi	gton Crossing	PA		Address:	440 Creamery Way,	Suite 500
	Lancaster, PA 17605				Site Lat/L			0.0	0.0			Exton, PA 19341	
ab PM	Amek Carter				Sunoco Pl			d Fish			Consultant/Contractor P Consultant/Contractor P		0235496-06-206 Stephanle Grillo
ele/Fax:	(717) 656-2308 x 1501/(717) 656-6	/00			Address:								
-mail EDD To:	No EQEDD needed	C			T. 1. (T.	Marcus					Tele/Fax:	(618) 458-1 ges-invoices@ges	077x3064 / (610) 458-2300
mail Report To	sgrillo@gesonline.com, midatianti	cia gesoniine.com	Ī	Matrix		610-212	-0972	Preservative	1	Dear	ested Analysis	Mes-monces@des	//imite.com
eport Type & QC Lev	vel	II II		MRITIX	-			rreservative	BTEX.	Kequ	COLEU ARBIYSIS		
lem No.	Sample Description			Soil Drinking Water	Laboratory No.	No. of Containers	HCL		EPA Method 12608 (PAUCL) - MTBE, Camee, Niphthalee, INB, 1,3-TAB	EPA Method 524.2 (PAUGL) - BTEX. NTBE, Camere, Naphthaleer, 1,2,4- TNB, 1,3,5-TMB		s	ample Point Lat/Long and Comment
1	121 Glenwood Drive	1145 912	823	X		3	X			X			
2		1220 4120	8123	×		3	×			×			
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ampler's Name:	Jennifer Madden][JLRel	ingulahad	y / Affiliation	Date	Time	Acc	epted By / Affiliation	Date Time
ampler's Company:							horla		912523	1445			92803 1445
hipment Date:	. Grody Inc.				In	6	ES	Fridge	9/29/23	0871	GES - Eridge	- FILL	9/24/23 0831
hipment Method:	Laboratory Courier						ite	Elle	9/29/29	13/5			
Shipment Tracking N					-		هي ما ميو		- quarter		the	2 6415	879/2 1311
pecial Instructions:	And and a second s	v Amel Carter			<u></u>				<u></u>	JL			
DECISE INSTRUCTIONS:	2 day Rush 1 At - approved b	y Americanter			~					2			
				Temp Bl	lankYes	No		Cooler Temperatur	re on Receipt (OF C		Trip Blan	Yes No)
	ice Yes					110	_						
Custody Seals In Pla	ice Yes			Temp Di					0				
	ice Yes			Temp Di					RO	.8			
	ice Yes			Temp Di					R:O				

5

14 15

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

 Login Number: 144915
 List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

 List Number: 1
 Creator: Roth, Stephanie

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
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.	True	
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)?	True	

Job Number: 410-144915-1



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Stephanie R Grillo Groundwater & Environmental Services Inc 440 Creamery Way Suite 500 Exton, Pennsylvania 19341-2577 Generated 9/29/2023 12:08:27 PM

JOB DESCRIPTION

SPLP - Washington Crossing

JOB NUMBER

410-144485-1

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





Eurofins Lancaster Laboratories Environment Testing, LLC

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Generated 9/29/2023 12:08:27 PM

Authorized for release by Amek Carter, Project Manager Loran.Carter@et.eurofinsus.com (717)556-7252

Eurofins Lancaster Laboratories Environment Testing, LLC

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Job ID: 410-144485-1

Glossary		3
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CFU	Colony Forming Unit	
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: 410-144485-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative 410-144485-1

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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 sample was received on 9/27/2023 2:20 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

Receipt Exceptions

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

GC/MS VOA

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

Client Sample ID:

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID:

Job ID: 410-144485-1

Lab Sample ID: 410-144485-1

Matrix: Drinking Water

Date Collected: 09/26/23	11:25
Date Received: 09/27/23	14:20
Г	
Method: EPA-DW 524.2	- Volatile Organic Compounds (GC/MS)
Analvte	Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.50	0.10	ug/L			09/28/23 20:34	1
Benzene	ND		0.50	0.10	ug/L			09/28/23 20:34	1
Ethylbenzene	ND		0.50	0.10	ug/L			09/28/23 20:34	1
Toluene	ND		0.50	0.10	ug/L			09/28/23 20:34	1
Methyl tertiary butyl ether	ND		0.50	0.10	ug/L			09/28/23 20:34	1
Naphthalene	ND		0.50	0.20	ug/L			09/28/23 20:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			09/28/23 20:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.10	ug/L			09/28/23 20:34	1
lsopropylbenzene	ND		0.50	0.10	ug/L			09/28/23 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	106		80 - 120			-		09/28/23 20:34	1
4-Bromofluorobenzene (Surr)	101		80 - 120					09/28/23 20:34	1

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Prep Type: Total/NA

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Method: 524.2 - Volatile Organic Compounds (GC/MS) Matrix: Drinking Water

Percent Surrogate Recovery (Acceptance Limits) DCZ BFB Lab Sample ID **Client Sample ID** (80-120) (80-120) 410-144485-1 106 101 LCS 410-425017/4 Lab Control Sample 111 107 MB 410-425017/6 Method Blank 106 99

Surrogate Legend

DCZ = 1,2-Dichlorobenzene-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-425017/6 Matrix: Drinking Water Analysis Batch: 425017

	МВ	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.50	0.10	ug/L			09/28/23 16:41	1
Benzene	ND		0.50	0.10	ug/L			09/28/23 16:41	1
Ethylbenzene	ND		0.50	0.10	ug/L			09/28/23 16:41	1
Toluene	ND		0.50	0.10	ug/L			09/28/23 16:41	1
Methyl tertiary butyl ether	ND		0.50	0.10	ug/L			09/28/23 16:41	1
Naphthalene	ND		0.50	0.20	ug/L			09/28/23 16:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			09/28/23 16:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.10	ug/L			09/28/23 16:41	1
Isopropylbenzene	ND		0.50	0.10	ug/L			09/28/23 16:41	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	106		80 - 120			-		09/28/23 16:41	1
4-Bromofluorobenzene (Surr)	99		80 - 120					09/28/23 16:41	1

Lab Sample ID: LCS 410-425017/4 Matrix: Drinking Water Analysis Batch: 425017

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Xylenes, Total	15.0	14.7		ug/L		98	70 - 130	 - 1
Benzene	5.00	5.08		ug/L		102	70 - 130	
Ethylbenzene	5.00	4.81		ug/L		96	70 - 130	
Toluene	5.00	4.84		ug/L		97	70 - 130	
Methyl tertiary butyl ether	5.00	5.00		ug/L		100	70 - 130	
Naphthalene	5.00	4.45		ug/L		89	70 - 130	
1,2,4-Trimethylbenzene	5.00	4.95		ug/L		99	70 - 130	
1,3,5-Trimethylbenzene	5.00	4.89		ug/L		98	70 - 130	
Isopropylbenzene	5.00	4.96		ug/L		99	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	111		80 - 120
4-Bromofluorobenzene (Surr)	107		80 - 120

Job ID: 410-144485-1

Client Sample ID: Method Blank Prep Type: Total/NA

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Job ID: 410-144485-1

GC/MS VOA

Analysis Batch: 425017

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
410-144485-1		Total/NA	Drinking Water	524.2	
MB 410-425017/6	Method Blank	Total/NA	Drinking Water	524.2	
LCS 410-425017/4	Lab Control Sample	Total/NA	Drinking Water	524.2	

Client Sample ID: Lab Sample ID: 410-144485-1 Date Collected: 09/26/23 11:25 Date Received: 09/27/23 14:20

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	524.2		1	425017	UJML	ELLE	09/28/23 20:34

Laboratory References:

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

boratory: Eurofins Lai accreditations/certifications listed	ncaster Laboratories Enviro	nment Testing, LLC	
uthority	Program	Identification Number	Expiration Date
ennsylvania	NELAP	36-00037	01-31-24

Eurofins Lancaster Laboratories Environment Testing, LLC

Accreditation/Certification Summary

F

Method	Method Description	Protocol	Laboratory	
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	ELLE	

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

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

Sample Summary

Collected

09/26/23 11:25

Received

09/27/23 14:20

Matrix

Drinking Water

Client: Groundwater & Environmental Services Inc Project/Site: SPLP - Washington Crossing

Client Sample ID

Lab Sample ID

410-144485-1

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Job ID: 410-144485-1



410-144485 Chain of Custody

		Sunoco I Region:	DUNS #:		_	Chair N/A - Su			dy Record			-
		State or Lead Regulato				Agency: PADEP - Southeast Region uested Due Date (mm/dd/yy): 9/29/2023 COC Tracking Number:						
ab Name:	Lancaster Laboratories					Facility A			r Road			
ddress:	2425 New Holland Pike			_	_				ington Crossing		РА	-
	Lancaster, PA 17605				_	Site Lat/L			0.0	0.		
ab PM	Amek Carter					Sunoco Pl		t: Bi	ad Fish			
ele/Fax:	(717) 656-2308 x 1501/(717) 656	-6766				Address:						
mail EDD To.	No EQEDD needed					1		Hook, P				
-mail Report To		ntic@gesonline.com		-		Tele/Fax:			<u>A</u>			
eport Type & O					latrix		1		Preservative			
	C LEVEL	1		1-	1 1	-			Treservative		1	
tem Na.	Sample Description	Time	Date	Soil	Drinking Water	Laboratory No.	No. of Containers	HCL			5PA Method \$260B (PAUGL) - BTEX, MBE, Cunter, Naphthaleac, 1,2,4- MB, 1,3,5-TMB	EPA Method 524.2 (PAUGL) - BTEN, NTBE, Cumene, Naphthalene, 1,2,4-
1		1125	91262		X		3	IXI				
2												
3												
4							1					1
5												1
6				1								
7				1								1
8												1
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11												
ampler's Name	e: Jennifer Madden					111	/Re	inquished	By / Affiliation		, Date	1
ampler's Com	pany: GES, Inc.			_	_	1.1.		ronto				111
hipment Date:				-		110	2/14		black of		alanta	100
hipment Meth				_	_	1770	yuy.	_	Elle		01 163	00
hipment Track								m	Elle		-1/27/23-	
pecial Instructi		by Amek Carter				JI		V		!(
		og riner carte		-								
Custody Seals I	In Place Yes No			Te	mp Bl	ant Ye	No		Cooler Temper	ature on	Receipt Of	(C)
	-					0					R: 1.4	

C: 1.4

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Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

 Login Number: 144485
 List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

 List Number: 1
 Creator: Roth, Stephanie

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
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.	True	
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)?	True	

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Job Number: 410-144485-1



Pace Analytical® ANALYTICAL REPORT October 04, 2023

GES, Inc - Sunoco

Sample Delivery Group: Samples Received: Project Number: Description: Site:

L1659450 09/26/2023 0235496-06-873-XX Washington Crossing

Report To:

Stephanie Grillo 440 Creamery Way, Suite 500 Exton, PA 19341

Тс Ss Cn Sr ʹQc Gl A Sc

Entire Report Reviewed By:

that tphat

Chad A Upchurch Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV/SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

ACCOUNT: GES, Inc - Sunoco

PROJECT: 0235496-06-873-XX

SDG: L1659450

DATE/TIME: 10/04/23 13:56

PAGE: 1 of 23

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SDG: L1659450 DATE/TIME: 10/04/23 13:56

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SAMPLE SUMMARY

L1659450-01 GW			Collected by Jennifer Madden	Collected date/time 09/25/23 12:43	Received dat 09/26/23 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG2139843	1	09/26/23 18:21	09/27/23 00:24	JAC	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2011	WG2139841	1	09/26/23 18:18	09/27/23 10:00	JAC	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2143123	2	10/02/23 10:05	10/03/23 11:14	BMD	Mt. Juliet, TN
Wet Chemistry by Method 2130 B-2011	WG2139731	1	09/26/23 16:30	09/26/23 16:30	SJA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2141315	1	10/02/23 12:36	10/02/23 12:36	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2141748	1	09/29/23 11:50	09/29/23 11:50	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9050A	WG2140520	1	09/28/23 10:31	09/28/23 10:31	NTG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2142052	1	09/30/23 15:58	09/30/23 15:58	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2142753	1	10/03/23 06:26	10/03/23 06:26	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2140509	1	09/28/23 00:50	09/28/23 08:33	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2142504	1	10/02/23 10:52	10/02/23 10:52	CCM	Mt. Juliet, TN
			Collected by	Collected date/time	Received dat	te/time
L1659450-02 DW			Jennifer Madden	09/25/23 12:43	09/26/23 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2138761	1	09/27/23 14:57	09/27/23 14:57	DWR	Mt. Juliet, TN

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CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Charl Uphal

Chad A Upchurch Project Manager



DATE/TIME: 10/04/23 13:56

Collected date/time: 09/25/23			11	L1659			
Gravimetric Analysis by	-						¹ (
Analyta	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch	L
Analyte Dissolved Solids	mg/l 378		mg/l 10.0	1	09/27/2023 00:24	WG2139843	2
	570		10.0		03/2//2023 00.21	102103013	
Gravimetric Analysis by	y Method 2	2540 D-2C)11				3
	Result	Qualifier	RDL	Dilution	Analysis	Batch	[
Analyte	mg/l		mg/l		date / time		4
Suspended Solids	ND		2.50	1	09/27/2023 10:00	WG2139841	
							5
Wet Chemistry by Meth							
Analista	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte Hardness (colorimetric) as CaCO3	mg/l 268		mg/l 60.0	2	date / time 10/03/2023 11:14	WG2143123	
ndiuliess (colorinethc) as CaCOS	200		00.0	Z	10/03/2023 11.14	W62143123	7
Wet Chemistry by Meth	nod 2130 E	3-2011					Í (
	Result	Qualifier	RDL	Dilution	Analysis	Batch	8
Analyte	NTU		NTU		date / time	—	Ĩ.
Turbidity	1.19		0.400	1	09/26/2023 16:30	WG2139731	9
		2 2 2 4					ັງ
Wet Chemistry by Meth							
A 1.	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l 122		mg/l 20.0	1	date / time 10/02/2023 12:36	WC014101E	
Alkalinity	IZZ		20.0	I	10/02/2023 12.30	<u>WG2141315</u>	
Sample Narrative:							
L1659450-01 WG2141315: Endpoint	t pH 4.5 Headspa	ce					
		_					
Wet Chemistry by Meth							
	Result su	Qualifier	Dilution	Analysis date / time	Batch		
Analyta			1	09/29/2023 11:5	50 WG2141748		
Analyte	7 77	18		UJIZJIZUZJ 11.0	WUZ 141/40		
Analyte pH	7.77	<u>T8</u>	ļ				
рН	7.77	18	I				
		18	·				

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	umhos/cm		umhos/cm		date / time	
Specific Conductance	655		10.0	1	09/28/2023 10:31	WG2140520

Sample Narrative:

L1659450-01 WG2140520: at 25C

Wet Chemistry by Method 9056A

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Bromide	ND		1.00	1	09/30/2023 15:58	WG2142052
Chloride	80.5		1.00	1	09/30/2023 15:58	WG2142052
Sulfate	28.1		5.00	1	10/03/2023 06:26	WG2142753

SAMPLE RESULTS - 01 L1659450

Collected date/time: 09/25/2312:43 Metals (ICP) by Method 6010D

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Arsenic	ND		0.0100	1	09/28/2023 08:33	WG2140509	
Barium	0.126		0.00500	1	09/28/2023 08:33	<u>WG2140509</u>	
Calcium	59.9		1.00	1	09/28/2023 08:33	WG2140509	
Iron	ND		0.100	1	09/28/2023 08:33	<u>WG2140509</u>	
Magnesium	23.3		1.00	1	09/28/2023 08:33	WG2140509	
Manganese	0.0192		0.0100	1	09/28/2023 08:33	<u>WG2140509</u>	
Potassium	ND		2.00	1	09/28/2023 08:33	WG2140509	
Sodium	19.9		3.00	1	09/28/2023 08:33	<u>WG2140509</u>	

Volatile Organic Compounds (GC) by Method RSK175

Volatile Organic	c Compounds (GC	C) by Meth	od RSK17	5			
	Result	Qualifier	RDL	Dilution	Analysis	Batch	ိုင္ရင
Analyte	mg/l		mg/l		date / time		
Methane	ND		0.0100	1	10/02/2023 10:52	WG2142504	⁷ Gl
Ethane	ND		0.0130	1	10/02/2023 10:52	WG2142504	
Ethene	ND		0.0130	1	10/02/2023 10:52	WG2142504	8
Propane	ND		0.0190	1	10/02/2023 10:52	WG2142504	Al

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E.

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SAMPLE RESULTS - 02

Volatile Organic Compounds (GC/MS) by Method 524.2

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	09/27/2023 14:57	WG2138761
Xylenes, Total	ND		0.000500	1	09/27/2023 14:57	WG2138761
Toluene	ND		0.000500	1	09/27/2023 14:57	WG2138761
Ethylbenzene	ND		0.000500	1	09/27/2023 14:57	WG2138761
Isopropylbenzene	ND		0.000500	1	09/27/2023 14:57	WG2138761
Methyl tert-butyl ether	ND		0.000500	1	09/27/2023 14:57	WG2138761
Naphthalene	ND		0.000500	1	09/27/2023 14:57	WG2138761
1,2,4-Trimethylbenzene	ND		0.000500	1	09/27/2023 14:57	WG2138761
1,3,5-Trimethylbenzene	ND		0.000500	1	09/27/2023 14:57	WG2138761

Qc

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Gravimetric Analysis by Method 2540 C-2011

QUALITY CONTROL SUMMARY L1659450-01

Method Blank (MB)

(MB) R3979543-1 09/2	27/23 00:24			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Dissolved Solids	U		10.0	10.0

L1659303-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1659303-04 09/27	/23 00:24 • (DU	P) R3979543-	3 09/27/2	3 00:24		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Dissolved Solids	672	691	1	2.74		5

L1659386-01 Original Sample (OS) • Duplicate (DUP)

L1659386-01 O	riginal Sample	(OS) • Du	plicate (DUP)				⁷ Gl
(OS) L1659386-01 09	9/27/23 00:24 • (DUI	^D) R3979543-	4 09/27/2	3 00:24				
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits		⁸ Al
Analyte	mg/l	mg/l		%		%		
Dissolved Solids	723	736	1	1.83		5		°Sc

Laboratory Control Sample (LCS)

(LCS) R3979543-2 09	9/27/23 00:24				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Dissolved Solids	8800	8530	96.9	77.3-123	

DATE/TIME: 10/04/23 13:56 Тс

Ss

Cn

Sr

Qc

Gravimetric Analysis by Method 2540 D-2011

QUALITY CONTROL SUMMARY L1659450-01

Method Blank (MB)

(MB) R3978904-1 09/2	7/23 10:00			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Suspended Solids	U		2.50	2.50

L1659480-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1659480-01 09/2	27/23 10:00 • (DUF	P) R3978904-3	3 09/27/2	3 10:00		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Suspended Solids	193	195	1	0.860		5

L1659549-01 Original Sample (OS) • Duplicate (DUP)

L1659549-01 O	riginal Sample	(OS) • Du	plicate	(DUP)			 7
(OS) L1659549-01 09	9/27/23 10:00 • (DUF	P) R3978904-	4 09/27/2	3 10:00			
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	JP RPD nits	8
Analyte	mg/l	mg/l		%			
Suspended Solids	83.0	85.5	1	2.97			9

Laboratory Control Sample (LCS)

(LCS) R3978904-2 09	9/27/23 10:00				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Suspended Solids	773	812	105	85.7-114	

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Wet Chemistry by Method 130.1

QUALITY CONTROL SUMMARY L1659450-01

Method Blank (MB)

5)				1
3 11:12				
MB Result	MB Qualifier	MB MDL	MB RDL	2
mg/l		mg/l	mg/l	T
U		15.0	30.0	
				³ Si
	3 11:12 MB Result	3 11:12 MB Result <u>MB Qualifier</u>	3 11:12 MB Result <u>MB Qualifier</u> MB MDL mg/l mg/l	3 11:12 MB Result <u>MB Qualifier</u> MB MDL MB RDL mg/l mg/l

L1659450-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1659450-01 10/03/	'23 11:14 • (DUP) I	23981001-3 1	0/03/23 11:	15		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Hardness (colorimetric) as CaCO3	268	270	2	0.743		20

Laboratory Control Sample (LCS)

	n Sample (L	.03)				
(LCS) R3981001-2 10/03/	23 11:13					• 8 Al
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	mg/l	mg/l	%	%		9
Hardness (colorimetric) as CaCO3	100	108	108	85.0-115		SC

L1660669-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1660669-01 10/03/2	23 11:16 • (MS) R	3981001-4 10/0	03/23 11:17 • (N	1SD) R3981001-	5 10/03/23 11:	18						
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Hardness (colorimetric) as CaCO3	100	388	458	460	70.0	72.0	2	80.0-120	<u>E J6</u>	<u>E J6</u>	0.436	20

Sample Narrative:

MS: Matrix spike failure due to matrix interference.

MSD: Matrix spike failure due to matrix interference.

ACCOUNT:
GES, Inc - Sunoco

PROJECT: 0235496-06-873-XX

SDG: L1659450

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Wet Chemistry by Method 2130 B-2011

QUALITY CONTROL SUMMARY

Method Blank (MB)

(MB) R3977999-1 09	0/26/23 16:30			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	NTU		NTU	NTU
Turbidity	U		0.200	0.400

L1659435-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1659435-02 09/2	26/23 16:30 • (DUI	P) R3977999-	3 09/26/2	3 16:30		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	NTU	NTU		%		%
Turbidity	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3977999-2 09	/26/23 16:30				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	NTU	NTU	%	%	
Turbidity	40.0	41.6	104	90.0-110	

DATE/TIME: 10/04/23 13:56

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Wet Chemistry by Method 2320 B-2011

QUALITY CONTROL SUMMARY L1659450-01

Method Blank (MB)

Method Didnk					1
(MB) R3980577-2	10/02/23 11:26				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/l		mg/l	mg/l	
Alkalinity	U		8.45	20.0	
					3
Sample Narrative:					

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PAGE:

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Sample Narrative:

BLANK: Endpoint pH 4.5

L1659397-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1659397-01 10/	(02/23 11:42 • (DUP)	R3980577-3	10/02/23	11:47		
	Original Resul	t DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Alkalinity	445	447	1	0.499		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1659700-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1659700-01 10/02	2/23 13:27 • (DUP) R3980577-4	10/02/23	13:31		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Alkalinity	63.5	62.9	1	0.903		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

ACCOUNT:

GES, Inc - Sunoco

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Alkalinity	100	98.3	98.3	90.0-110	
Sample Narrative:					
LCS: Endpoint pH 4.5					

SDG:

L1659450

DATE/TIME:

10/04/23 13:56

PROJECT:

0235496-06-873-XX

Wet Chemistry by Method 9040C

QUALITY CONTROL SUMMARY L1659450-01

L1660416-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1660416-01 09/2	29/23 11:50 • (DUP)	R3979541-3	09/29/23	11:50			 C
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	JP RPD nits	² T(
Analyte	su	su		%			
рН	6.84	6.83	1	0.146			³ Ss
Sample Narrative:							
OS: 6.84 at 21.4C							⁴ C
DUP: 6.83 at 21.3C							

Laboratory Control Sample (LCS)

(LCS) R3979541-1 09/29/23 11:50

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	SU	SU	%	%	
pH	10.0	10.0	100	99.0-101	

Sample Narrative:

LCS: 10 at 21C

 ¹ Cp
² Tc
³ Ss
⁴ Cn
⁵Sr
 ⁶ Qc
 ⁷ Gl
⁸ Al
°Sc

DATE/TIME: 10/04/23 13:56

Wet Chemistry by Method 9050A

QUALITY CONTROL SUMMARY L1659450-01

Method Blank (MB)

)				^{1}Cn
(MB) R3978812-1 09/28/	23 10:31				СР
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	umhos/cm		umhos/cm	umhos/cm	⁻Tc
Specific Conductance	U		10.0	10.0	
					³ Ss
Sample Narrative:					

Sample Narrative:

BLANK: at 25C

L1659341-02 Original Sample (OS) • Duplicate (DUP)

Original ResultDUP ResultDIUP RPDDUP QualifierDUP RPDDUP RPDnalyteumhos/cmumhos/cm%%pecific Conductance2262410.88720
pecific Conductance 226 224 1 0.887 20

OS: at 25C

DUP: at 25C

L1659700-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1659700-01 09/28	/23 10:31 • (DUP)	R3978812-4	09/28/23	10:31		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	umhos/cm	umhos/cm		%		%
Specific Conductance	326	327	1	0.306		20

Sample Narrative:

OS: at 25C DUP: at 25C

Laboratory Control Sample (LCS)

ACCOUNT:

GES, Inc - Sunoco

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	umhos/cm	umhos/cm	%	%	
Specific Conductance	732	682	93.2	85.0-115	
Sample Narrative:					
LCS: at 25C					

SDG:

L1659450

DATE/TIME:

10/04/23 13:56

PROJECT:

0235496-06-873-XX

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Wet Chemistry by Method 9056A

QUALITY CONTROL SUMMARY

Method Blank (MB)

(MB) R3980466-1	09/30/23 09:05				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/l		mg/l	mg/l	
Bromide	U		0.353	1.00	
Chloride	U		0.379	1.00	

L1659116-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1659116-01 09	/30/23 12:30 • (DUP)	R3980466-3	09/30/23	12:43		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Bromide	ND	ND	1	0.701		15
Chloride	1.98	1.95	1	1.56		15

L1659581-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1659581-03 09/30/2	23 18:46 • (DUP) R3980466-6	09/30/23	3 18:58				
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	- 	9
Analyte	mg/l	mg/l		%		%		
Bromide	ND	ND	1	0.000		15		
Chloride	22.8	22.8	1	0.0883		15		

Laboratory Control Sample (LCS)

(LCS) R3980466-2 09/30/23 09:18													
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier								
Analyte	mg/l	mg/l	%	%									
Bromide	40.0	40.1	100	80.0-120									
Chloride	40.0	39.9	99.8	80.0-120									

L1659116-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1659116-01 09/30/23	DS) L1659116-01 09/30/23 12:30 • (MS) R3980466-4 09/30/23 12:57 • (MSD) R3980466-5 09/30/23 13:11														
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits			
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%			
Bromide	40.0	ND	37.4	37.2	91.9	91.3	1	80.0-120			0.695	15			
Chloride	40.0	1.98	39.3	39.2	93.3	93.2	1	80.0-120			0.105	15			

ACCOUNT:	
GES, Inc - Sunoco	2

PROJECT: 0235496-06-873-XX

SDG: L1659450 DATE/TIME: 10/04/23 13:56

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WG2142052 Wet Chemistry by Method 9056A

QUALITY CONTROL SUMMARY

L1659581-03 Original Sample (OS) • Matrix Spike (MS)

L1039301-03 (Onginal Sample	(US) • Mati	ix spike (1013)									
(OS) L1659581-03 09/30/23 18:46 • (MS) R3980466-7 09/30/23 19:37													
	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier						
Analyte	mg/l	mg/l	mg/l	%		%							
Bromide	40.0	ND	24.3	60.8	1	80.0-120	<u> </u>						
Chloride	40.0	22.8	56.4	84.0	1	80.0-120							

SDG: L1659450 DATE/TIME: 10/04/23 13:56

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Wet Chemistry by Method 9056A

QUALITY CONTROL SUMMARY L1659450-01

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Method Blank (MB)

(MB) R3981591-1 10/03/23 05:23												
	MB Result	MB Qualifier	MB MDL	MB RDL								
Analyte	mg/l		mg/l	mg/l								
Sulfate	U		0.594	5.00								

L1660584-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1660584-02 10/03/2	23 06:52 • (DUF	P) R3981591-3	10/03/23	07:04		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Sulfate	ND	ND	1	0.000		15

L1660683-01 Original Sample (OS) • Duplicate (DUP)

L1660683-01 Or	iginal Sample	(OS) • Du	plicate ((DUP)			
(OS) L1660683-01 10/	03/23 09:18 • (DUP) R3981591-5	10/03/23	09:31			
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	mg/l	mg/l		%		%	
Sulfate	54.4	54.5	1	0.234		15	

Laboratory Control Sample (LCS)

(LCS) R3981591-2 10/03/2					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Sulfate	40.0	39.7	99.3	80.0-120	

L1660584-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1660584-02 10/03/	23 06:52 • (MS)) R3981591-4 10	0/03/23 07:17				
	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/l	mg/l	mg/l	%		%	
Sulfate	40.0	ND	39.3	98.3	1	80.0-120	

L1660683-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1660683-01	10/03/23 09:18 • (MS)	R3981591-6 10	/03/23 09:45	5 • (MSD) R39815	591-7 10/03/2	23 09:57							
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%	
Sulfate	40.0	54.4	84.9	84.9	76.1	76.3	1	80.0-120	<u>J6</u>	<u>J6</u>	0.0856	15	
	ACCOUNT:				JECT:			SDG:		DATE			PAGE:
	GES, Inc - Sunoco			0235496	-06-873-XX		L1659450			10/04/23 13:56			17 of 23

Metals (ICP) by Method 6010D

QUALITY CONTROL SUMMARY

Method Blank (MB)

(MB) R3978998-1 09/	/28/23 08:28			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000736	0.00500
Calcium	U		0.0793	1.00
Iron	U		0.0180	0.100
Magnesium	U		0.0853	1.00
Manganese	U		0.000934	0.0100
Potassium	U		0.261	2.00
Sodium	U		0.504	3.00

Laboratory Control Sample (LCS)

(LCS) R3978998-2 09/28	.CS) R3978998-2 09/28/23 08:31								
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier				
Analyte	mg/l	mg/l	%	%					
Arsenic	1.00	0.992	99.2	80.0-120					
Barium	1.00	1.03	103	80.0-120					
Calcium	10.0	9.98	99.8	80.0-120					
Iron	10.0	9.88	98.8	80.0-120					
Magnesium	10.0	10.1	101	80.0-120					
Manganese	1.00	0.970	97.0	80.0-120					
Potassium	10.0	9.85	98.5	80.0-120					
Sodium	10.0	10.5	105	80.0-120					

L1659450-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

OS) L1659450-01 09/28/23 08:33 • (MS) R3978998-4 09/28/23 08:39 • (MSD) R3978998-5 09/28/23 08:41												
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Arsenic	1.00	ND	1.01	0.994	101	99.4	1	75.0-125			1.77	20
Barium	1.00	0.126	1.13	1.12	101	99.5	1	75.0-125			1.08	20
Calcium	10.0	59.9	69.7	68.8	98.1	88.4	1	75.0-125			1.39	20
Iron	10.0	ND	9.90	9.59	98.8	95.7	1	75.0-125			3.20	20
Magnesium	10.0	23.3	32.9	32.2	95.8	89.5	1	75.0-125			1.92	20
Manganese	1.00	0.0192	0.973	0.952	95.4	93.3	1	75.0-125			2.20	20
Potassium	10.0	ND	11.3	11.2	94.6	93.3	1	75.0-125			1.13	20
Sodium	10.0	19.9	30.5	30.3	106	104	1	75.0-125			0.526	20

ACCOUNT:	
GES, Inc - Sunoco)

PROJECT: 0235496-06-873-XX

SDG: L1659450 DATE/TIME: 10/04/23 13:56

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Volatile Organic Compounds (GC) by Method RSK175

QUALITY CONTROL SUMMARY

Method Blank (MB)

(MB) R3980567-2 10/02/23	3 10:42			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l

Methane	U	0.00291	0.0100
Ethane	U	0.00407	0.0130
Ethene	U	0.00426	0.0130
Propane	U	0.00548	0.0190

L1657583-04 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Methane	ND	ND	1	0.000		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20
Propane	ND	ND	1	0.000		20

L1660867-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1660867-05 10/02/23 13:30 • (DUP) R3980567-4 10/02/23 14:45

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Methane	1.28	1.29	1	0.778		20
Ethane	ND	ND	1	5.45		20
Ethene	ND	ND	1	0.000		20
Propane	0.0495	0.0496	1	0.202		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3980567-1 10/02/2	S) R3980567-1 10/02/23 10:39 • (LCSD) R3980567-5 10/02/23 14:54										
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	
Analyte	mg/l	mg/l	mg/l	%	%	%			%	%	
Methane	0.0678	0.0672	0.0752	99.1	111	85.0-115			11.2	20	
Ethane	0.129	0.117	0.116	90.7	89.9	85.0-115			0.858	20	
Ethene	0.127	0.117	0.115	92.1	90.6	85.0-115			1.72	20	
Propane	0.186	0.172	0.170	92.5	91.4	85.0-115			1.17	20	

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GES,	Inc -	Sunoco

PROJECT: 0235496-06-873-XX

SDG: L1659450 DATE/TIME: 10/04/23 13:56 PAGE: 19 of 23 Тс

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Volatile Organic Compounds (GC/MS) by Method 524.2

QUALITY CONTROL SUMMARY

Method Blank (MB)

(MB) R3978924-2 09/2	27/23 13:48			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Benzene	U		0.0000490	0.000500
Xylenes, Total	U		0.000340	0.000500
Toluene	U		0.000412	0.000500
Ethylbenzene	U		0.0000440	0.000500
Isopropylbenzene	U		0.0000410	0.000500
Methyl tert-butyl ether	U		0.0000530	0.000500
Naphthalene	U		0.000110	0.000500
1,2,4-Trimethylbenzene	U		0.0000430	0.000500
1,3,5-Trimethylbenzene	U		0.0000430	0.000500

Laboratory Control Sample (LCS)

(LCS) R3978924-1 09/2	7/23 12:45				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Benzene	0.00500	0.00506	101	70.0-130	
Xylenes, Total	0.0150	0.0154	103	70.0-130	
Toluene	0.00500	0.00504	101	70.0-130	
Ethylbenzene	0.00500	0.00499	99.8	70.0-130	
Isopropylbenzene	0.00500	0.00522	104	70.0-130	
Methyl tert-butyl ether	0.00500	0.00513	103	70.0-130	
Naphthalene	0.00500	0.00472	94.4	70.0-130	
1,2,4-Trimethylbenzene	0.00500	0.00524	105	70.0-130	
1,3,5-Trimethylbenzene	0.00500	0.00518	104	70.0-130	

DATE/TIME: 10/04/23 13:56 Тс

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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.
Qualifier	Description

E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.

SDG: L1659450 Τс

Ss

Cn

Sr

Qc

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ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SDG: L1659450 Τс

Ss

Cn

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Qc

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			1	Billing Information: Accounts Payable 440 Creamery Way, Suite 500 Exton, PA 19341							A	nalysis /	Contair	ner / Pre	eservativ	ve		Chain of Custody	Page of
GES, Inc - Sunoco 440 Creamery Way, Suite 500 Exton, PA 19341			Pres Chk					ik	Ð	alen	Ū	250mlHDPE-HNO3		obiological			PEOPLE	RCC ADVANCING SCIENCE	
Report to: Stephanie Grillo Project Description:			E					Ŧ.	E-No	Pres					phthi	-		Phone: 615-758-5858	Mount Juliet, TN 37122 Alt: 800-767-5859 via this chain of custody
			Cit	sgrillo@gesonline.c City/State Collected: PA			Please Cir PT MT CT		250mIHDPE-NoPre	PE-No	e, Naj				mb H	logica		constitutes acknowle	dgment and acceptance d Conditions found at:
Phone: 610-458-1077	Client Project #		73-хх	Lab Project # SUNGES-J						250mIHDPE-NoPres	Cumene, Naphthalen	40mlAmb HCI	4 SS	, TSS 1L-HDPE NoPres	***DW COLILERT*** Microbiological	Microbiological			1659450
Collected by (print): Jennifer Madden	Site/Facility ID #				P.O. #				TURB*		MTBE, C							Acctnum: SU	
Collected by (signature): mmediately Packed on Ice N Y		Same Day Next Day Two Day	sh? (Lab MUST Be Notified) ame Day X Five Day lext Day5 Day (Rad Only) wo Day10 Day (Rad Only) hree Day Two they For			nly) Date Results Nee			SPCON,	ALK, Br, Cl, SO4	/8260BTEX, MT	RSK175 + Propane	otal Mtls, Harc			DW Fecal***		Template: T211996 Prelogin: P935132 PM: Chad Upchurch PB:	
Sample ID		Comp/Grab	Matri	ix D	epth	Date	Time	Cntrs	**pH,	ALK	V82	RSK	Tota	TDS,	****	***		Shipped Via: Remarks	Sample # (lab only)
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		2 ⁶⁰ 9																	
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Matrix: G - Soil AIR - Air F - Filter W - Groundwater B - Bioassay W - WasteWater			a,Ca,Fe,	K,Mg,M	In,Na		2					рН ± _{Flow}		_ Tem			COC Signed	ple Receipt C Present/Intact d/Accurate: crive intact:	
W - Drinking Water T - Other	Samples returned via: UPS FedEx Courier					Tracking # (0795 1)				_	10.0.		Othe	Other			ottles used: volume sent:		
elinquished by : (Signature)	[0P3	Date	e:	Т	ime:		ed by: (Signa	1-	1	101)	0-	> O				Preservat:	If Applical Headspace: ion Correct/Ch n <0.5 mR/hr:	_Y_1
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efinguished by : (Signature)		Date	e:	T	ime:	Receive	ed by: (Signa	ture)		5		Temp: 5-1	to=<	C Both	tles Rece	ived:	If preservati	on required by Lo	ogin: Date/Time
elinquished by : (Signature)		Date	e:	Т	ime:	Receiv	ed for lab by	(Signat	ure)	hill	NA	Date:	21	Tim			PH-16BDH4321 CR6-20221V PH-10BDH432		Condition: NCF / OK