APPENDIX B

Laboratory Reports and Chain of Custody Documentation
(See Files on CD)

Europhins Lancaster Laboratories
ID Numbers:
1621229
1624311
1624984
1624985
1630138
1630139
1630955
1631396
1631397
1631639
1634948
1638491
1639427
1643080
1643082

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

January 15, 2016

Project: Carroll Wally's

Submittal Date: 01/05/2016
Group Number: 1621229
PO Number: 0402909-05-220
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
Effluent Grab Potable Water	8195783
Mid2 Grab Potable Water	8195784
Mid1 Grab Potable Water	8195785
Influent Grab Potable Water	8195786
RW-2 Grab Groundwater	8195787
RW-4 Grab Groundwater	8195788

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Analysis Report

Sample Description: **Effluent Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195783
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:00 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYEF

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160111AA	01/11/2016 14:33	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16008C20A	01/11/2016 19:59	Jeremy C Giffin	1

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Analysis Report

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Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195783
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:00 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYEF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16008C20A	01/11/2016 19:59	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160110009A	01/12/2016 14:07	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160110009A	01/12/2016 07:20	Maria Davenport	1

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Analysis Report

Sample Description: Mid2 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195784
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:05 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160111AA	01/11/2016 14:58	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16008C20A	01/11/2016 20:21	Jeremy C Giffin	1

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Analysis Report

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Sample Description: **Mid2 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195784
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:05 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16008C20A	01/11/2016 20:21	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160110009A	01/12/2016 14:30	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160110009A	01/12/2016 07:20	Maria Davenport	1

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Analysis Report

Sample Description: Mid1 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195785
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:10 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM1

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.		2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	1
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160111AA	01/11/2016 15:22	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16008C20A	01/11/2016 20:43	Jeremy C Giffin	1

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Analysis Report

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Sample Description: Mid1 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195785
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:10 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16008C20A	01/11/2016 20:43	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160110009A	01/12/2016 14:53	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160110009A	01/12/2016 07:20	Maria Davenport	1

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Analysis Report

Sample Description: Influent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195786
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:15 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYIN

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	1.9		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	3.7	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	0.7		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	91		1.0	10
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	110		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160111AA	01/11/2016 15:46	Kerri E Legerlotz	1

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Analysis Report

Sample Description: Influent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195786
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:15 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYIN

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160141AA	01/14/2016 11:10	Kerri E Legerlotz	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16008C20A	01/11/2016 21:28	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16008C20A	01/11/2016 21:28	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160110009A	01/12/2016 15:16	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160110009A	01/12/2016 07:20	Maria Davenport	1

Sample Description: **RW-2 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195787
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:20 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR2

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	0.1	J	0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	0.2	J	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	9.9		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: RW-2 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195787
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:20 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160071AA	01/07/2016 18:32	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160071AA	01/07/2016 18:32	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16008C20A	01/11/2016 21:50	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16008C20A	01/11/2016 21:50	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160110009A	01/12/2016 15:40	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160110009A	01/12/2016 07:20	Maria Davenport	1

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Analysis Report

Sample Description: RW-4 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195788
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:25 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR4

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		5.0	5
02898	t-Amyl methyl ether	994-05-8	3.4		0.5	5
02898	Benzene	71-43-2	N.D.		0.5	5
02898	Bromobenzene	108-86-1	N.D.		0.5	5
02898	Bromochloromethane	74-97-5	N.D.		0.5	5
02898	Bromodichloromethane	75-27-4	N.D.		0.5	5
02898	Bromoform	75-25-2	N.D.		0.5	5
02898	Bromomethane	74-83-9	N.D.		0.5	5
02898	t-Butyl Alcohol	75-65-0	N.D.		20	5
02898	n-Butylbenzene	104-51-8	N.D.		0.5	5
02898	sec-Butylbenzene	135-98-8	N.D.		0.5	5
02898	tert-Butylbenzene	98-06-6	N.D.		0.5	5
02898	Carbon Disulfide	75-15-0	N.D.		2.0	5
02898	Chlorobenzene	108-90-7	N.D.		0.5	5
02898	Chloroethane	75-00-3	N.D.		0.5	5
02898	Chloroform	67-66-3	N.D.		0.5	5
02898	Chloromethane	74-87-3	N.D.		1.0	5
02898	2-Chlorotoluene	95-49-8	N.D.		0.5	5
02898	4-Chlorotoluene	106-43-4	N.D.		0.5	5
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		1.0	5
02898	Dibromochloromethane	124-48-1	N.D.		0.5	5
02898	1,2-Dibromoethane	106-93-4	N.D.		0.5	5
02898	Dibromomethane	74-95-3	N.D.		0.5	5
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		5.0	5
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.5	5
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.5	5
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.5	5
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.5	5
02898	1,1-Dichloroethane	75-34-3	N.D.		0.5	5
02898	1,2-Dichloroethane	107-06-2	N.D.		0.5	5
02898	1,1-Dichloroethene	75-35-4	N.D.		0.5	5
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.5	5
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.5	5
02898	1,2-Dichloropropane	78-87-5	N.D.		0.5	5
02898	1,3-Dichloropropane	142-28-9	N.D.		0.5	5
02898	2,2-Dichloropropane	594-20-7	N.D.		0.5	5
02898	1,1-Dichloropropene	563-58-6	N.D.		0.5	5
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.5	5
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.5	5
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.5	5
02898	Ethylbenzene	100-41-4	N.D.		0.5	5
02898	Hexachlorobutadiene	87-68-3	N.D.		0.5	5
02898	di-Isopropyl Ether	108-20-3	1.1	J	0.5	5
02898	Isopropylbenzene	98-82-8	N.D.		0.5	5
02898	p-Isopropyltoluene	99-87-6	N.D.		0.5	5
02898	Methyl Tertiary Butyl Ether	1634-04-4	180		5.0	50
02898	Methylene Chloride	75-09-2	N.D.		1.0	5
02898	Naphthalene	91-20-3	N.D.		0.5	5
02898	n-Propylbenzene	103-65-1	N.D.		0.5	5

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Analysis Report

Sample Description: RW-4 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195788
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:25 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR4

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.5	5
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.5	5
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.5	5
02898	Tetrachloroethene	127-18-4	N.D.	0.5	5
02898	Toluene	108-88-3	N.D.	0.5	5
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.5	5
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.5	5
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.5	5
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.5	5
02898	Trichloroethene	79-01-6	N.D.	0.5	5
02898	Trichlorofluoromethane	75-69-4	N.D.	0.5	5
02898	1,2,3-Trichloropropane	96-18-4	N.D.	1.5	5
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.5	5
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.5	5
02898	Vinyl Chloride	75-01-4	N.D.	0.5	5
02898	Xylene (Total)	1330-20-7	N.D.	0.5	5
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	190	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160071AA	01/07/2016 18:54	Alexander M Ametrano	5
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160071AA	01/07/2016 19:17	Alexander M Ametrano	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160071AA	01/07/2016 18:54	Alexander M Ametrano	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160071AA	01/07/2016 19:17	Alexander M Ametrano	50
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16008C20A	01/11/2016 22:12	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16008C20A	01/11/2016 22:12	Jeremy C Giffin	1

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Analysis Report

Sample Description: **RW-4 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8195788
LL Group # 1621229
Account # 08390

Project Name: Carroll Wally's

Collected: 01/04/2016 10:25 by JP

Submitted: 01/05/2016 17:25
Reported: 01/15/2016 13:09

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12858	TPH-DRO 8015B	SW-846 8015B	1	160110009A	01/12/2016 16:03	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160110009A	01/12/2016 07:20	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160071AA	Sample number(s): 8195787-8195788	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

Analysis Name	Result	MDL
	ug/l	ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: G160111AA	Sample number(s): 8195783-8195786	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	2.5
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: S160141AA	Sample number(s): 8195786	
Methyl Tertiary Butyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

Analysis Name	Result ug/l	MDL ug/l
Batch number: 16008C20A	Sample number(s): 8195783-8195788	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160110009A	Sample number(s): 8195783-8195788	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160071AA	Sample number(s): 8195787-8195788								
Acrylonitrile	25	26.35	25	26.7	105	107	63-141	1	30
t-Amyl methyl ether	5.00	5.33	5.00	5.32	107	106	77-126	0	30
Benzene	5.00	4.87	5.00	4.85	97	97	80-120	0	30
Bromobenzene	5.00	5.24	5.00	5.17	105	103	80-120	1	30
Bromochloromethane	5.00	5.08	5.00	5.11	102	102	80-125	1	30
Bromodichloromethane	5.00	5.82	5.00	5.80	116	116	80-120	0	30
Bromoform	5.00	5.60	5.00	5.45	112	109	64-134	3	30
Bromomethane	5.00	4.54	5.00	4.45	91	89	71-126	2	30
t-Butyl Alcohol	50	54.85	50	62.82	110	126	77-130	14	30
n-Butylbenzene	5.00	5.11	5.00	5.07	102	101	80-120	1	30
sec-Butylbenzene	5.00	5.12	5.00	5.08	102	102	80-120	1	30
tert-Butylbenzene	5.00	5.08	5.00	4.86	102	97	80-120	4	30
Carbon Disulfide	5.00	4.99	5.00	5.02	100	100	70-128	1	30
Chlorobenzene	5.00	5.01	5.00	4.98	100	100	80-120	1	30
Chloroethane	5.00	4.61	5.00	4.62	92	92	71-122	0	30
Chloroform	5.00	5.24	5.00	5.25	105	105	80-120	0	30
Chloromethane	5.00	4.02	5.00	4.00	80	80	63-121	0	30
2-Chlorotoluene	5.00	4.92	5.00	4.96	98	99	80-120	1	30
4-Chlorotoluene	5.00	5.13	5.00	4.97	103	99	80-120	3	30
1,2-Dibromo-3-chloropropane	5.00	4.26	5.00	4.47	85	89	54-147	5	30
Dibromochloromethane	5.00	6.09	5.00	6.01	122	120	80-126	1	30
1,2-Dibromoethane	5.00	5.69	5.00	5.62	114	112	80-120	1	30
Dibromomethane	5.00	5.60	5.00	5.54	112	111	80-122	1	30
trans-1,4-Dichloro-2-butene	25	25.34	25	26.08	101	104	14-166	3	30
1,2-Dichlorobenzene	5.00	5.05	5.00	4.98	101	100	80-120	2	30
1,3-Dichlorobenzene	5.00	5.07	5.00	5.10	101	102	80-120	1	30
1,4-Dichlorobenzene	5.00	5.01	5.00	4.98	100	100	80-120	1	30
Dichlorodifluoromethane	5.00	3.72	5.00	3.75	74	75	35-142	1	30
1,1-Dichloroethane	5.00	4.84	5.00	4.80	97	96	80-120	1	30
1,2-Dichloroethane	5.00	5.65	5.00	5.61	113	112	80-125	1	30
1,1-Dichloroethene	5.00	4.90	5.00	4.87	98	97	80-120	1	30
cis-1,2-Dichloroethene	5.00	4.96	5.00	4.92	99	98	80-120	1	30
trans-1,2-Dichloroethene	5.00	4.96	5.00	4.86	99	97	80-120	2	30
1,2-Dichloropropane	5.00	5.19	5.00	5.15	104	103	80-120	1	30
1,3-Dichloropropane	5.00	5.38	5.00	5.30	108	106	80-120	2	30
2,2-Dichloropropane	5.00	5.71	5.00	5.72	114	114	77-127	0	30
1,1-Dichloropropene	5.00	4.71	5.00	4.65	94	93	80-120	1	30
cis-1,3-Dichloropropene	5.00	5.62	5.00	5.59	112	112	80-124	0	30
trans-1,3-Dichloropropene	5.00	5.63	5.00	5.56	113	111	76-132	1	30
Ethyl t-butyl ether	5.00	5.06	5.00	5.08	101	102	72-126	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	5.00	5.15	5.00	5.07	103	101	80-120	1	30
Hexachlorobutadiene	5.00	5.12	5.00	5.11	102	102	74-123	0	30
di-Isopropyl Ether	5.00	5.05	5.00	5.03	101	101	71-130	0	30
Isopropylbenzene	5.00	5.22	5.00	5.18	104	104	80-120	1	30
p-Isopropyltoluene	5.00	5.25	5.00	5.17	105	103	80-120	2	30
Methyl Tertiary Butyl Ether	5.00	5.32	5.00	5.33	106	107	80-121	0	30
Methylene Chloride	5.00	4.84	5.00	4.78	97	96	80-120	1	30
Naphthalene	5.00	4.47	5.00	4.52	89	90	59-136	1	30
n-Propylbenzene	5.00	5.16	5.00	5.14	103	103	79-121	0	30
Styrene	5.00	5.36	5.00	5.30	107	106	80-122	1	30
1,1,1,2-Tetrachloroethane	5.00	5.53	5.00	5.54	111	111	80-120	0	30
1,1,2,2-Tetrachloroethane	5.00	5.39	5.00	5.22	108	104	80-120	3	30
Tetrachloroethene	5.00	5.05	5.00	4.97	101	99	80-120	1	30
Toluene	5.00	4.88	5.00	4.88	98	98	80-120	0	30
1,2,3-Trichlorobenzene	5.00	4.26	5.00	4.37	85	87	64-124	2	30
1,2,4-Trichlorobenzene	5.00	4.70	5.00	4.70	94	94	70-123	0	30
1,1,1-Trichloroethane	5.00	5.49	5.00	5.57	110	111	80-120	1	30
1,1,2-Trichloroethane	5.00	5.37	5.00	5.30	107	106	80-120	1	30
Trichloroethene	5.00	5.10	5.00	5.08	102	102	80-120	0	30
Trichlorofluoromethane	5.00	5.36	5.00	5.46	107	109	69-133	2	30
1,2,3-Trichloropropane	5.00	5.72	5.00	5.58	114	112	80-120	3	30
1,2,4-Trimethylbenzene	5.00	5.30	5.00	5.21	106	104	80-120	2	30
1,3,5-Trimethylbenzene	5.00	5.22	5.00	5.21	104	104	80-120	0	30
Vinyl Chloride	5.00	4.10	5.00	4.19	82	84	71-123	2	30
Xylene (Total)	15	15.14	15	14.92	101	99	80-120	1	30
Batch number: G160111AA	Sample number(s): 8195783-8195786								
t-Amyl Methyl Ether	5.00	4.34			87		70-130		
Benzene	5.00	4.75			95		70-130		
t-Butyl Alcohol	50	41.19			82		70-130		
Carbon Tetrachloride	5.00	4.07			81		70-130		
Chlorobenzene	5.00	4.87			97		70-130		
1,2-Dichlorobenzene	5.00	4.48			90		70-130		
1,3-Dichlorobenzene	5.00	4.45			89		70-130		
1,2-Dichloroethane	5.00	4.40			88		70-130		
1,1-Dichloroethene	5.00	4.52			90		70-130		
cis-1,2-Dichloroethene	5.00	4.33			87		70-130		
trans-1,2-Dichloroethene	5.00	4.60			92		70-130		
1,2-Dichloropropane	5.00	4.79			96		70-130		
Ethyl t-Butyl Ether	5.00	4.24			85		70-130		
Ethylbenzene	5.00	4.73			95		70-130		
di-Isopropyl Ether	5.00	4.38			88		70-130		
Methyl Tertiary Butyl Ether	5.00	4.28			86		70-130		
Methylene Chloride	5.00	4.15			83		70-130		
Naphthalene	5.00	4.52			90		70-130		
Styrene	5.00	4.88			98		70-130		
Tetrachloroethene	5.00	4.05			81		70-130		
Toluene	5.00	4.94			99		70-130		
1,2,4-Trichlorobenzene	5.00	4.21			84		70-130		
1,1,1-Trichloroethane	5.00	4.15			83		70-130		
1,1,2-Trichloroethane	5.00	5.00			100		70-130		
Trichloroethene	5.00	4.79			96		70-130		
Vinyl Chloride	2.00	1.64			82		70-130		
Xylene (Total)	15	14.2			95		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S160141AA	Sample number(s): 8195786								
Methyl Tertiary Butyl Ether	5.00	4.52			90		70-130		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16008C20A	Sample number(s): 8195783-8195788								
TPH-GRO water C6-C10	1100	1177.94	1100	1137.46	107	103	80-129	3	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160110009A	Sample number(s): 8195783-8195788								
DRO C10-C28	2660	1916.51	2660	2003.6	72	75	69-115	4	20

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc ug/l	DUP Conc ug/l	DUP RPD	DUP RPD Max
Batch number: C160071AA	Sample number(s): 8195787-8195788 BKG: P195154			
Acrylonitrile	N.D.	N.D.	0 (1)	30
t-Amyl methyl ether	N.D.	N.D.	0 (1)	30
Benzene	0.328	0.300	9 (1)	30
Bromobenzene	N.D.	N.D.	0 (1)	30
Bromochloromethane	N.D.	N.D.	0 (1)	30
Bromodichloromethane	N.D.	N.D.	0 (1)	30
Bromoform	N.D.	N.D.	0 (1)	30
Bromomethane	N.D.	N.D.	0 (1)	30
t-Butyl Alcohol	N.D.	N.D.	0 (1)	30
n-Butylbenzene	N.D.	N.D.	0 (1)	30
sec-Butylbenzene	N.D.	N.D.	0 (1)	30
tert-Butylbenzene	N.D.	N.D.	0 (1)	30
Carbon Disulfide	N.D.	N.D.	0 (1)	30
Chlorobenzene	N.D.	N.D.	0 (1)	30
Chloroethane	N.D.	N.D.	0 (1)	30
Chloroform	N.D.	N.D.	0 (1)	30
Chloromethane	N.D.	N.D.	0 (1)	30
2-Chlorotoluene	N.D.	N.D.	0 (1)	30
4-Chlorotoluene	N.D.	N.D.	0 (1)	30
1,2-Dibromo-3-chloropropane	N.D.	N.D.	0 (1)	30
Dibromochloromethane	N.D.	N.D.	0 (1)	30
1,2-Dibromoethane	N.D.	N.D.	0 (1)	30
Dibromomethane	N.D.	N.D.	0 (1)	30
trans-1,4-Dichloro-2-butene	N.D.	N.D.	0 (1)	30
1,2-Dichlorobenzene	N.D.	N.D.	0 (1)	30
1,3-Dichlorobenzene	N.D.	N.D.	0 (1)	30
1,4-Dichlorobenzene	N.D.	N.D.	0 (1)	30
Dichlorodifluoromethane	N.D.	N.D.	0 (1)	30
1,1-Dichloroethane	N.D.	N.D.	0 (1)	30
1,2-Dichloroethane	N.D.	N.D.	0 (1)	30
1,1-Dichloroethene	N.D.	N.D.	0 (1)	30
cis-1,2-Dichloroethene	N.D.	N.D.	0 (1)	30

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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

Analysis Name	BKG Conc ug/l	DUP Conc ug/l	DUP RPD	DUP RPD Max
trans-1,2-Dichloroethene	N.D.	N.D.	0 (1)	30
1,2-Dichloropropane	N.D.	N.D.	0 (1)	30
1,3-Dichloropropane	N.D.	N.D.	0 (1)	30
2,2-Dichloropropane	N.D.	N.D.	0 (1)	30
1,1-Dichloropropene	N.D.	N.D.	0 (1)	30
cis-1,3-Dichloropropene	N.D.	N.D.	0 (1)	30
trans-1,3-Dichloropropene	N.D.	N.D.	0 (1)	30
Ethyl t-butyl ether	N.D.	N.D.	0 (1)	30
Ethylbenzene	N.D.	N.D.	0 (1)	30
Hexachlorobutadiene	N.D.	N.D.	0 (1)	30
di-Isopropyl Ether	N.D.	N.D.	0 (1)	30
Isopropylbenzene	N.D.	N.D.	0 (1)	30
p-Isopropyltoluene	N.D.	N.D.	0 (1)	30
Methyl Tertiary Butyl Ether	N.D.	N.D.	0 (1)	30
Methylene Chloride	N.D.	N.D.	0 (1)	30
Naphthalene	N.D.	N.D.	0 (1)	30
n-Propylbenzene	N.D.	N.D.	0 (1)	30
Styrene	N.D.	N.D.	0 (1)	30
1,1,1,2-Tetrachloroethane	N.D.	N.D.	0 (1)	30
1,1,2,2-Tetrachloroethane	N.D.	N.D.	0 (1)	30
Tetrachloroethene	N.D.	N.D.	0 (1)	30
Toluene	N.D.	N.D.	0 (1)	30
1,2,3-Trichlorobenzene	N.D.	N.D.	0 (1)	30
1,2,4-Trichlorobenzene	N.D.	N.D.	0 (1)	30
1,1,1-Trichloroethane	N.D.	N.D.	0 (1)	30
1,1,2-Trichloroethane	N.D.	N.D.	0 (1)	30
Trichloroethene	N.D.	N.D.	0 (1)	30
Trichlorofluoromethane	N.D.	N.D.	0 (1)	30
1,2,3-Trichloropropane	N.D.	N.D.	0 (1)	30
1,2,4-Trimethylbenzene	N.D.	N.D.	0 (1)	30
1,3,5-Trimethylbenzene	N.D.	N.D.	0 (1)	30
Vinyl Chloride	N.D.	N.D.	0 (1)	30
Xylene (Total)	N.D.	N.D.	0 (1)	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160071AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8195787	104	104	96	97
8195788	103	103	97	97
Blank	106	105	97	97
DUP	108	105	96	98
LCS	103	103	99	102
LCSD	105	103	99	100
Limits:	77-114	74-113	77-110	78-110

*- Outside of specification
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P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/15/2016 13:09

Group Number: 1621229

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: G160111AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8195783	89	90
8195784	87	92
8195785	88	90
8195786	88	91
Blank	87	90
LCS	91	93
Limits:	80-120	80-120

Analysis Name: TPH-GRO water C6-C10
Batch number: 16008C20A

	Trifluorotoluene-F
8195783	90
8195784	90
8195785	91
8195786	90
8195787	91
8195788	91
Blank	92
LCS	102
LCSD	99
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160110009A

	Orthoterphenyl
8195783	93
8195784	100
8195785	96
8195786	95
8195787	97
8195788	97
Blank	102
LCS	95
LCSD	97
Limits:	42-160

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Environmental Analysis Request/Chain of Custody

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Acct. # 8340 Group # 1621279 Sample # 8195783-88

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909
Project Manager: Peter Reichardt	P.O. #: 0402909-05-220
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Sediment	Soil	Ground	Potable	Surface	NPDES	Water	Other:	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
Effluent	1-4-16	1000	X								X		7	X		X	X	EQEDD file name:
Mid2	↓	1005	↓								↓		↓	↓		↓	↓	Carroll Wally's-lab
Mid1	↓	1010	↓								↓		↓	↓		↓	↓	report #.17962.
Influent	↓	1015	↓								↓		↓	X		↓	↓	EQEDD.zip
RW-2	↓	1020	↓								↓		↓	↓	X	↓	↓	
RW-4	1-4-16	1025	X								X		7		X	X	X	

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	1-5-16	0800	Denise Noadring	1-5-16	0800
Denise Noadring	1-5-16	1115	[illegible]	1/5/16	11:15
[illegible]	1/5/16	17:25			
			[illegible]	1/5/16	1725

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.7 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 132772

Group Number(s): 162129

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	01/05/2016 17:25
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 17:34 on 01/05/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.7	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

January 25, 2016

Project: Carroll Wally's

Submittal Date: 01/18/2016
Group Number: 1624311
PO Number: 0402819-06-206
Release Number: Wally's
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
1608R Grab Groundwater	8210139

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Sample Description: **1608R Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8210139
LL Group # 1624311
Account # 08390

Project Name: Carroll Wally's

Collected: 01/13/2016 11:30 by LK

Submitted: 01/18/2016 14:45
Reported: 01/25/2016 13:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1608R

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.		50	50
02898	t-Amyl methyl ether	994-05-8	46		5.0	50
02898	Benzene	71-43-2	N.D.		5.0	50
02898	Bromobenzene	108-86-1	N.D.		5.0	50
02898	Bromochloromethane	74-97-5	N.D.		5.0	50
02898	Bromodichloromethane	75-27-4	N.D.		5.0	50
02898	Bromoform	75-25-2	N.D.		5.0	50
02898	Bromomethane	74-83-9	N.D.		5.0	50
02898	t-Butyl Alcohol	75-65-0	1,000		200	50
02898	n-Butylbenzene	104-51-8	N.D.		5.0	50
02898	sec-Butylbenzene	135-98-8	N.D.		5.0	50
02898	tert-Butylbenzene	98-06-6	N.D.		5.0	50
02898	Carbon Disulfide	75-15-0	N.D.		20	50
02898	Chlorobenzene	108-90-7	N.D.		5.0	50
02898	Chloroethane	75-00-3	N.D.		5.0	50
02898	Chloroform	67-66-3	N.D.		5.0	50
02898	Chloromethane	74-87-3	N.D.		10	50
02898	2-Chlorotoluene	95-49-8	N.D.		5.0	50
02898	4-Chlorotoluene	106-43-4	N.D.		5.0	50
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		10	50
02898	Dibromochloromethane	124-48-1	N.D.		5.0	50
02898	1,2-Dibromoethane	106-93-4	N.D.		5.0	50
02898	Dibromomethane	74-95-3	N.D.		5.0	50
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		50	50
02898	1,2-Dichlorobenzene	95-50-1	N.D.		5.0	50
02898	1,3-Dichlorobenzene	541-73-1	N.D.		5.0	50
02898	1,4-Dichlorobenzene	106-46-7	N.D.		5.0	50
02898	Dichlorodifluoromethane	75-71-8	N.D.		5.0	50
02898	1,1-Dichloroethane	75-34-3	N.D.		5.0	50
02898	1,2-Dichloroethane	107-06-2	N.D.		5.0	50
02898	1,1-Dichloroethene	75-35-4	N.D.		5.0	50
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		5.0	50
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		5.0	50
02898	1,2-Dichloropropane	78-87-5	N.D.		5.0	50
02898	1,3-Dichloropropane	142-28-9	N.D.		5.0	50
02898	2,2-Dichloropropane	594-20-7	N.D.		5.0	50
02898	1,1-Dichloropropene	563-58-6	N.D.		5.0	50
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		5.0	50
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		5.0	50
02898	Ethyl t-butyl ether	637-92-3	N.D.		5.0	50
02898	Ethylbenzene	100-41-4	N.D.		5.0	50
02898	Hexachlorobutadiene	87-68-3	N.D.		5.0	50
02898	di-Isopropyl Ether	108-20-3	8.7	J	5.0	50
02898	Isopropylbenzene	98-82-8	N.D.		5.0	50
02898	p-Isopropyltoluene	99-87-6	N.D.		5.0	50
02898	Methyl Tertiary Butyl Ether	1634-04-4	2,500		50	500
02898	Methylene Chloride	75-09-2	N.D.		10	50
02898	Naphthalene	91-20-3	N.D.		5.0	50
02898	n-Propylbenzene	103-65-1	N.D.		5.0	50

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Analysis Report

Sample Description: 1608R Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8210139
LL Group # 1624311
Account # 08390

Project Name: Carroll Wally's

Collected: 01/13/2016 11:30 by LK

Submitted: 01/18/2016 14:45
Reported: 01/25/2016 13:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1608R

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Styrene	100-42-5	N.D.	5.0	50
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	5.0	50
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	5.0	50
02898	Tetrachloroethene	127-18-4	N.D.	5.0	50
02898	Toluene	108-88-3	N.D.	5.0	50
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	5.0	50
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	5.0	50
02898	1,1,1-Trichloroethane	71-55-6	N.D.	5.0	50
02898	1,1,2-Trichloroethane	79-00-5	N.D.	5.0	50
02898	Trichloroethene	79-01-6	N.D.	5.0	50
02898	Trichlorofluoromethane	75-69-4	N.D.	5.0	50
02898	1,2,3-Trichloropropane	96-18-4	N.D.	15	50
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	5.0	50
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	5.0	50
02898	Vinyl Chloride	75-01-4	N.D.	5.0	50
02898	Xylene (Total)	1330-20-7	N.D.	5.0	50
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	3,000	1,000	50

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160201AA	01/20/2016 15:54	Alexander M Ametrano	50
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160201AA	01/20/2016 16:16	Alexander M Ametrano	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160201AA	01/20/2016 15:54	Alexander M Ametrano	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160201AA	01/20/2016 16:16	Alexander M Ametrano	500
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16020B20A	01/21/2016 19:04	Jeremy C Giffin	50
01146	GC VOA Water Prep	SW-846 5030B	1	16020B20A	01/21/2016 19:04	Jeremy C Giffin	50

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/25/2016 13:53

Group Number: 1624311

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160201AA	Sample number(s): 8210139	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/25/2016 13:53

Group Number: 1624311

Analysis Name	Result ug/l	MDL ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16020B20A	Sample number(s): 8210139	
TPH-GRO water C6-C10	N.D.	20

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160201AA	Sample number(s): 8210139								
Acrylonitrile	25	28.2	25	27.95	113	112	63-141	1	30
t-Amyl methyl ether	5.00	4.54	5.00	4.60	91	92	77-126	1	30
Benzene	5.00	4.61	5.00	4.60	92	92	80-120	0	30
Bromobenzene	5.00	5.02	5.00	4.97	100	99	80-120	1	30
Bromochloromethane	5.00	5.19	5.00	5.16	104	103	80-125	1	30
Bromodichloromethane	5.00	5.22	5.00	5.22	104	104	80-120	0	30
Bromoform	5.00	4.74	5.00	4.64	95	93	64-134	2	30
Bromomethane	5.00	6.11	5.00	5.93	122	119	71-126	3	30
t-Butyl Alcohol	50	56.45	50	55.94	113	112	77-130	1	30
n-Butylbenzene	5.00	4.80	5.00	4.70	96	94	80-120	2	30
sec-Butylbenzene	5.00	5.04	5.00	4.79	101	96	80-120	5	30
tert-Butylbenzene	5.00	4.73	5.00	4.76	95	95	80-120	1	30
Carbon Disulfide	5.00	4.66	5.00	4.61	93	92	70-128	1	30
Chlorobenzene	5.00	4.88	5.00	4.84	98	97	80-120	1	30
Chloroethane	5.00	6.02	5.00	5.86	120	117	71-122	3	30
Chloroform	5.00	4.74	5.00	4.72	95	94	80-120	0	30
Chloromethane	5.00	4.65	5.00	4.70	93	94	63-121	1	30
2-Chlorotoluene	5.00	4.84	5.00	4.80	97	96	80-120	1	30
4-Chlorotoluene	5.00	4.84	5.00	4.84	97	97	80-120	0	30
1,2-Dibromo-3-chloropropane	5.00	5.03	5.00	4.88	101	98	54-147	3	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/25/2016 13:53

Group Number: 1624311

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Dibromochloromethane	5.00	5.35	5.00	5.51	107	110	80-126	3	30
1,2-Dibromoethane	5.00	4.94	5.00	5.30	99	106	80-120	7	30
Dibromomethane	5.00	5.23	5.00	5.17	105	103	80-122	1	30
trans-1,4-Dichloro-2-butene	25	28.65	25	26.27	115	105	14-166	9	30
1,2-Dichlorobenzene	5.00	4.87	5.00	4.88	97	98	80-120	0	30
1,3-Dichlorobenzene	5.00	5.07	5.00	4.96	101	99	80-120	2	30
1,4-Dichlorobenzene	5.00	4.90	5.00	4.87	98	97	80-120	1	30
Dichlorodifluoromethane	5.00	5.41	5.00	5.20	108	104	35-142	4	30
1,1-Dichloroethane	5.00	4.21	5.00	4.19	84	84	80-120	1	30
1,2-Dichloroethane	5.00	4.65	5.00	4.61	93	92	80-125	1	30
1,1-Dichloroethene	5.00	4.63	5.00	4.61	93	92	80-120	1	30
cis-1,2-Dichloroethene	5.00	4.75	5.00	4.77	95	95	80-120	0	30
trans-1,2-Dichloroethene	5.00	4.74	5.00	4.70	95	94	80-120	1	30
1,2-Dichloropropane	5.00	4.63	5.00	4.65	93	93	80-120	0	30
1,3-Dichloropropane	5.00	4.68	5.00	4.57	94	91	80-120	3	30
2,2-Dichloropropane	5.00	4.83	5.00	4.84	97	97	77-127	0	30
1,1-Dichloropropene	5.00	4.17	5.00	4.14	83	83	80-120	1	30
cis-1,3-Dichloropropene	5.00	4.95	5.00	5.36	99	107	80-124	8	30
trans-1,3-Dichloropropene	5.00	4.44	5.00	4.82	89	96	76-132	8	30
Ethyl t-butyl ether	5.00	4.14	5.00	4.21	83	84	72-126	2	30
Ethylbenzene	5.00	4.67	5.00	4.75	93	95	80-120	2	30
Hexachlorobutadiene	5.00	4.11	5.00	4.23	82	85	74-123	3	30
di-Isopropyl Ether	5.00	4.08	5.00	4.12	82	82	71-130	1	30
Isopropylbenzene	5.00	4.83	5.00	4.37	97	87	80-120	10	30
p-Isopropyltoluene	5.00	5.06	5.00	4.93	101	99	80-120	3	30
Methyl Tertiary Butyl Ether	5.00	4.51	5.00	4.59	90	92	80-121	2	30
Methylene Chloride	5.00	4.60	5.00	4.58	92	92	80-120	0	30
Naphthalene	5.00	4.09	5.00	4.44	82	89	59-136	8	30
n-Propylbenzene	5.00	4.79	5.00	4.70	96	94	79-121	2	30
Styrene	5.00	5.05	5.00	4.97	101	99	80-122	2	30
1,1,1,2-Tetrachloroethane	5.00	4.99	5.00	5.00	100	100	80-120	0	30
1,1,2,2-Tetrachloroethane	5.00	5.14	5.00	4.93	103	99	80-120	4	30
Tetrachloroethene	5.00	4.41	5.00	4.44	88	89	80-120	1	30
Toluene	5.00	4.16	5.00	4.61	83	92	80-120	10	30
1,2,3-Trichlorobenzene	5.00	3.94	5.00	4.32	79	86	64-124	9	30
1,2,4-Trichlorobenzene	5.00	4.19	5.00	4.39	84	88	70-123	4	30
1,1,1-Trichloroethane	5.00	4.85	5.00	4.82	97	96	80-120	1	30
1,1,2-Trichloroethane	5.00	4.92	5.00	5.03	98	101	80-120	2	30
Trichloroethene	5.00	4.74	5.00	4.78	95	96	80-120	1	30
Trichlorofluoromethane	5.00	5.91	5.00	5.89	118	118	69-133	0	30
1,2,3-Trichloropropane	5.00	5.20	5.00	5.15	104	103	80-120	1	30
1,2,4-Trimethylbenzene	5.00	5.17	5.00	4.91	103	98	80-120	5	30
1,3,5-Trimethylbenzene	5.00	4.81	5.00	4.84	96	97	80-120	1	30
Vinyl Chloride	5.00	4.94	5.00	4.89	99	98	71-123	1	30
Xylene (Total)	15	14.21	15	14.01	95	93	80-120	1	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16020B20A	Sample number(s): 8210139								
TPH-GRO water C6-C10	1100	1064.82			97		80-129		

MS/MSD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/25/2016 13:53

Group Number: 1624311

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 16020B20A	Sample number(s): 8210139 UNSPK: P211719									
TPH-GRO water C6-C10	N.D.	1100	1204.7	1100	1289.23	110	117	80-129	7	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8210139	101	102	93	89
Blank	105	108	91	94
LCS	100	105	86	93
LCSD	100	104	92	86
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16020B20A

	Trifluorotoluene-F
8210139	79
Blank	91
LCS	100
MS	89
MSD	102
Limits:	63-135

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

MW COC

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1624311 Sample # 8210139

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909
Project Manager: Peter Reichardt	P.O. #: 0402909-06-206
Sampler: Lindsay Keeney	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Matrix: Sediment	Matrix: Potable Water	Matrix: Ground Water	Matrix: NPDES	Matrix: Surface Water	Matrix: Other:	Total # of Containers	Full Suite VOCs plus Oxy & Naphthalene (8260)	TPH-GRO (8015B)	TPH-DRO (8015B)	Remarks
1608R	1-13-16	1130	X					X				7	X	X		EQEDD file name:
																Carroll Wally's-lab
																report #.17962.
																EQEDD.zip

Analyses Requested / Preservation Codes

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 P = H_3PO_4
O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	1-14-16	0900	Donna Marple	01/14/16	0900
D. Marple	1/18/16	11:55	[signature]	1-18-16	11:55
[signature]	1-18-16	14:45			

Received by:	Date	Time
[signature]	1/18/16	1445

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.4 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 133959

Group Number(s): 1624311

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	01/18/2016 14:45
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 15:01 on 01/18/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT131	0.4	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 01, 2016

Project: Carroll Wally's

Submittal Date: 01/20/2016
Group Number: 1624984
PO Number: 0402909-05-220
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
Effluent Grab Potable Water	8213464
Mid2 Grab Potable Water	8213465

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Lancaster Laboratories Environmental
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Analysis Report

Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213464
LL Group # 1624984
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 13:00 by JP

Submitted: 01/20/2016 17:04
Reported: 02/01/2016 11:20

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WALEF

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	3.7	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	1
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160291AA	01/29/2016 11:35	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16020B20A	01/21/2016 15:46	Jeremy C Giffin	1

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Analysis Report

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Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213464
LL Group # 1624984
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 13:00 by JP

Submitted: 01/20/2016 17:04
Reported: 02/01/2016 11:20

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WALEF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16020B20A	01/21/2016 15:46	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160210012A	01/22/2016 13:32	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160210012A	01/21/2016 21:00	David V Hershey Jr	1

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Analysis Report

Sample Description: Mid2 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213465
LL Group # 1624984
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 13:05 by JP

Submitted: 01/20/2016 17:04
Reported: 02/01/2016 11:20

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WALM2

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	15	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	1
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160291AA	01/29/2016 12:02	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16020B20A	01/21/2016 16:30	Jeremy C Giffin	1

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Analysis Report

Sample Description: **Mid2 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213465
LL Group # 1624984
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 13:05 by JP

Submitted: 01/20/2016 17:04
Reported: 02/01/2016 11:20

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WALM2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16020B20A	01/21/2016 16:30	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160210012A	01/22/2016 13:55	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160210012A	01/21/2016 21:00	David V Hershey Jr	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/01/2016 11:20

Group Number: 1624984

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	MDL ug/l
Batch number: S160291AA	Sample number(s): 8213464-8213465	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	2.5
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16020B20A	Sample number(s): 8213464-8213465	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160210012A	Sample number(s): 8213464-8213465	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S160291AA	Sample number(s): 8213464-8213465								
t-Amyl Methyl Ether	5.00	5.50			110		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/01/2016 11:20

Group Number: 1624984

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzene	5.00	5.30			106		70-130		
t-Butyl Alcohol	50	50.95			102		70-130		
Carbon Tetrachloride	5.00	5.15			103		70-130		
Chlorobenzene	5.00	5.29			106		70-130		
1,2-Dichlorobenzene	5.00	5.03			101		70-130		
1,3-Dichlorobenzene	5.00	4.87			97		70-130		
1,2-Dichloroethane	5.00	5.60			112		70-130		
1,1-Dichloroethene	5.00	4.91			98		70-130		
cis-1,2-Dichloroethene	5.00	5.14			103		70-130		
trans-1,2-Dichloroethene	5.00	5.08			102		70-130		
1,2-Dichloropropane	5.00	5.54			111		70-130		
Ethyl t-Butyl Ether	5.00	4.92			98		70-130		
Ethylbenzene	5.00	5.11			102		70-130		
di-Isopropyl Ether	5.00	5.40			108		70-130		
Methyl Tertiary Butyl Ether	5.00	5.76			115		70-130		
Methylene Chloride	5.00	5.25			105		70-130		
Naphthalene	5.00	4.69			94		70-130		
Styrene	5.00	5.50			110		70-130		
Tetrachloroethene	5.00	4.84			97		70-130		
Toluene	5.00	5.08			102		70-130		
1,2,4-Trichlorobenzene	5.00	4.50			90		70-130		
1,1,1-Trichloroethane	5.00	4.95			99		70-130		
1,1,2-Trichloroethane	5.00	5.42			108		70-130		
Trichloroethene	5.00	4.97			99		70-130		
Vinyl Chloride	2.00	2.15			107		70-130		
Xylene (Total)	15	15.55			104		70-130		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16020B20A	Sample number(s): 8213464-8213465								
TPH-GRO water C6-C10	1100	1064.82			97		80-129		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160210012A	Sample number(s): 8213464-8213465								
DRO C10-C28	2610	2009.26	2620	2076	77	79	69-115	3	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 16020B20A	Sample number(s): 8213464-8213465 UNSPK: P211719									
TPH-GRO water C6-C10	N.D.	1100	1204.7	1100	1289.23	110	117	80-129	7	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/01/2016 11:20

Group Number: 1624984

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: S160291AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8213464	90	97
8213465	88	101
Blank	90	95
LCS	99	103
Limits:	80-120	80-120

Analysis Name: TPH-GRO water C6-C10
Batch number: 16020B20A

	Trifluorotoluene-F
8213464	82
8213465	90
Blank	91
LCS	100
MS	89
MSD	102
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160210012A

	Orthoterphenyl
8213464	97
8213465	103
Blank	90
LCS	85
LCSD	93
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1624984 Sample # 8213464-65

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909
Project Manager: Peter Reichardt	P.O. #: 0402909-05-220
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Matrix: Sediment	Matrix: Water (Ground / Potable / Surface / NPDES)	Matrix: Other:	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
Effluent	1-19-16	1300	X				X		7	X		X	X	EQEDD file name:
Mid 2	1-19-16	1305	X				X		7	X		X	X	Carroll Wally's-lab
														report #.17962.
														EQEDD.zip

Analyses Requested / Preservation Codes

For Lab Use Only: SF #: _____ SCR #: _____

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	1-20-16	0800	Denise Woodring	1-20-16	0800
Denise Woodring	1-20-16	1350	[illegible]	1-20-16	1350
[illegible]	1-20-16	1704			

Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.4 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 134168

Group Number(s): 1621984

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	01/20/2016 17:04
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 17:15 on 01/20/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.4	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

January 27, 2016

Project: Carroll Wally's

Submittal Date: 01/20/2016
Group Number: 1624985
PO Number: 0402909-06-206
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
1608R-End Grab Groundwater	8213466

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Sample Description: 1608R-End Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213466
LL Group # 1624985
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 10:00 by JP

Submitted: 01/20/2016 17:04
Reported: 01/27/2016 13:15

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

R1608

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		20	20
02898	t-Amyl methyl ether	994-05-8	36		2.0	20
02898	Benzene	71-43-2	N.D.		2.0	20
02898	Bromobenzene	108-86-1	N.D.		2.0	20
02898	Bromochloromethane	74-97-5	N.D.		2.0	20
02898	Bromodichloromethane	75-27-4	N.D.		2.0	20
02898	Bromoform	75-25-2	N.D.		2.0	20
02898	Bromomethane	74-83-9	N.D.		2.0	20
02898	t-Butyl Alcohol	75-65-0	470		80	20
02898	n-Butylbenzene	104-51-8	N.D.		2.0	20
02898	sec-Butylbenzene	135-98-8	N.D.		2.0	20
02898	tert-Butylbenzene	98-06-6	N.D.		2.0	20
02898	Carbon Disulfide	75-15-0	N.D.		8.0	20
02898	Chlorobenzene	108-90-7	N.D.		2.0	20
02898	Chloroethane	75-00-3	N.D.		2.0	20
02898	Chloroform	67-66-3	N.D.		2.0	20
02898	Chloromethane	74-87-3	N.D.		4.0	20
02898	2-Chlorotoluene	95-49-8	N.D.		2.0	20
02898	4-Chlorotoluene	106-43-4	N.D.		2.0	20
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		4.0	20
02898	Dibromochloromethane	124-48-1	N.D.		2.0	20
02898	1,2-Dibromoethane	106-93-4	N.D.		2.0	20
02898	Dibromomethane	74-95-3	N.D.		2.0	20
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		20	20
02898	1,2-Dichlorobenzene	95-50-1	N.D.		2.0	20
02898	1,3-Dichlorobenzene	541-73-1	N.D.		2.0	20
02898	1,4-Dichlorobenzene	106-46-7	N.D.		2.0	20
02898	Dichlorodifluoromethane	75-71-8	N.D.		2.0	20
02898	1,1-Dichloroethane	75-34-3	N.D.		2.0	20
02898	1,2-Dichloroethane	107-06-2	N.D.		2.0	20
02898	1,1-Dichloroethene	75-35-4	N.D.		2.0	20
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		2.0	20
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		2.0	20
02898	1,2-Dichloropropane	78-87-5	N.D.		2.0	20
02898	1,3-Dichloropropane	142-28-9	N.D.		2.0	20
02898	2,2-Dichloropropane	594-20-7	N.D.		2.0	20
02898	1,1-Dichloropropene	563-58-6	N.D.		2.0	20
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.0	20
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.0	20
02898	Ethyl t-butyl ether	637-92-3	N.D.		2.0	20
02898	Ethylbenzene	100-41-4	N.D.		2.0	20
02898	Hexachlorobutadiene	87-68-3	N.D.		2.0	20
02898	di-Isopropyl Ether	108-20-3	7.5	J	2.0	20
02898	Isopropylbenzene	98-82-8	N.D.		2.0	20
02898	p-Isopropyltoluene	99-87-6	N.D.		2.0	20
02898	Methyl Tertiary Butyl Ether	1634-04-4	1,800		20	200
02898	Methylene Chloride	75-09-2	N.D.		4.0	20
02898	Naphthalene	91-20-3	N.D.		2.0	20
02898	n-Propylbenzene	103-65-1	N.D.		2.0	20

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Analysis Report

Sample Description: 1608R-End Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213466
LL Group # 1624985
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 10:00 by JP

Submitted: 01/20/2016 17:04
Reported: 01/27/2016 13:15

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

R1608

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	2.0	20
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	20
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	20
02898	Tetrachloroethene	127-18-4	N.D.	2.0	20
02898	Toluene	108-88-3	N.D.	2.0	20
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	2.0	20
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	2.0	20
02898	1,1,1-Trichloroethane	71-55-6	N.D.	2.0	20
02898	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	20
02898	Trichloroethene	79-01-6	N.D.	2.0	20
02898	Trichlorofluoromethane	75-69-4	N.D.	2.0	20
02898	1,2,3-Trichloropropane	96-18-4	N.D.	6.0	20
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	2.0	20
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	2.0	20
02898	Vinyl Chloride	75-01-4	N.D.	2.0	20
02898	Xylene (Total)	1330-20-7	N.D.	2.0	20
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	1,800	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160251AA	01/26/2016	02:51	Matthew S Krause	20
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160251AA	01/26/2016	03:14	Matthew S Krause	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160251AA	01/26/2016	02:51	Matthew S Krause	20
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160251AA	01/26/2016	03:14	Matthew S Krause	200
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16020B20A	01/21/2016	17:14	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16020B20A	01/21/2016	17:14	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160210012A	01/22/2016	14:19	Christine E Dolman	1

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Analysis Report

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Sample Description: 1608R-End Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8213466
LL Group # 1624985
Account # 08390

Project Name: Carroll Wally's

Collected: 01/19/2016 10:00 by JP

Submitted: 01/20/2016 17:04
Reported: 01/27/2016 13:15

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

R1608

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160210012A	01/21/2016 21:00	David V Hershey Jr	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/27/2016 13:15

Group Number: 1624985

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160251AA	Sample number(s): 8213466	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/27/2016 13:15

Group Number: 1624985

Analysis Name	Result ug/l	MDL ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16020B20A	Sample number(s): 8213466	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160210012A	Sample number(s): 8213466	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160251AA	Sample number(s): 8213466								
Acrylonitrile	25	28.98			116		63-141		
t-Amyl methyl ether	5.00	4.73			95		77-126		
Benzene	5.00	4.71			94		80-120		
Bromobenzene	5.00	5.11			102		80-120		
Bromochloromethane	5.00	5.28			106		80-125		
Bromodichloromethane	5.00	5.33			107		80-120		
Bromoform	5.00	5.38			108		64-134		
Bromomethane	5.00	5.72			114		71-126		
t-Butyl Alcohol	50	57.57			115		77-130		
n-Butylbenzene	5.00	4.92			98		80-120		
sec-Butylbenzene	5.00	5.04			101		80-120		
tert-Butylbenzene	5.00	4.84			97		80-120		
Carbon Disulfide	5.00	4.33			87		70-128		
Chlorobenzene	5.00	5.09			102		80-120		
Chloroethane	5.00	5.82			116		71-122		
Chloroform	5.00	4.80			96		80-120		
Chloromethane	5.00	4.87			97		63-121		
2-Chlorotoluene	5.00	4.98			100		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/27/2016 13:15

Group Number: 1624985

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
4-Chlorotoluene	5.00	4.87			97		80-120		
1,2-Dibromo-3-chloropropane	5.00	5.15			103		54-147		
Dibromochloromethane	5.00	5.68			114		80-126		
1,2-Dibromoethane	5.00	5.46			109		80-120		
Dibromomethane	5.00	5.38			108		80-122		
trans-1,4-Dichloro-2-butene	25	37.66			151		14-166		
1,2-Dichlorobenzene	5.00	5.09			102		80-120		
1,3-Dichlorobenzene	5.00	5.05			101		80-120		
1,4-Dichlorobenzene	5.00	4.95			99		80-120		
Dichlorodifluoromethane	5.00	4.31			86		35-142		
1,1-Dichloroethane	5.00	4.28			86		80-120		
1,2-Dichloroethane	5.00	4.77			95		80-125		
1,1-Dichloroethene	5.00	4.88			98		80-120		
cis-1,2-Dichloroethene	5.00	4.85			97		80-120		
trans-1,2-Dichloroethene	5.00	4.74			95		80-120		
1,2-Dichloropropane	5.00	4.80			96		80-120		
1,3-Dichloropropane	5.00	4.82			96		80-120		
2,2-Dichloropropane	5.00	4.96			99		77-127		
1,1-Dichloropropene	5.00	4.25			85		80-120		
cis-1,3-Dichloropropene	5.00	5.20			104		80-124		
trans-1,3-Dichloropropene	5.00	5.01			100		76-132		
Ethyl t-butyl ether	5.00	4.29			86		72-126		
Ethylbenzene	5.00	5.16			103		80-120		
Hexachlorobutadiene	5.00	4.03			81		74-123		
di-Isopropyl Ether	5.00	4.24			85		71-130		
Isopropylbenzene	5.00	5.31			106		80-120		
p-Isopropyltoluene	5.00	5.07			101		80-120		
Methyl Tertiary Butyl Ether	5.00	4.65			93		80-121		
Methylene Chloride	5.00	4.65			93		80-120		
Naphthalene	5.00	4.19			84		59-136		
n-Propylbenzene	5.00	4.82			96		79-121		
Styrene	5.00	5.52			110		80-122		
1,1,1,2-Tetrachloroethane	5.00	5.49			110		80-120		
1,1,2,2-Tetrachloroethane	5.00	5.47			109		80-120		
Tetrachloroethene	5.00	4.77			95		80-120		
Toluene	5.00	4.62			92		80-120		
1,2,3-Trichlorobenzene	5.00	3.98			80		64-124		
1,2,4-Trichlorobenzene	5.00	4.10			82		70-123		
1,1,1-Trichloroethane	5.00	4.89			98		80-120		
1,1,2-Trichloroethane	5.00	5.18			104		80-120		
Trichloroethene	5.00	4.84			97		80-120		
Trichlorofluoromethane	5.00	5.76			115		69-133		
1,2,3-Trichloropropane	5.00	5.36			107		80-120		
1,2,4-Trimethylbenzene	5.00	5.05			101		80-120		
1,3,5-Trimethylbenzene	5.00	5.03			101		80-120		
Vinyl Chloride	5.00	5.40			108		71-123		
Xylene (Total)	15	16.01			107		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16020B20A	Sample number(s): 8213466								
TPH-GRO water C6-C10	1100	1064.82			97		80-129		
	ug/l	ug/l	ug/l	ug/l					

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/27/2016 13:15

Group Number: 1624985

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 160210012A	Sample number(s): 8213466								
DRO C10-C28	2610	2009.26	2620	2076	77	79	69-115	3	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: C160251AA	Sample number(s): 8213466 UNSPK: P213438									
Acrylonitrile	N.D.	25	26.91	25	27.76	108	111	63-141	3	30
t-Amyl methyl ether	N.D.	5.00	4.46	5.00	4.68	89	94	77-126	5	30
Benzene	N.D.	5.00	4.90	5.00	4.99	98	100	80-120	2	30
Bromobenzene	N.D.	5.00	4.94	5.00	5.12	99	102	80-120	4	30
Bromochloromethane	N.D.	5.00	5.37	5.00	5.46	107	109	80-125	2	30
Bromodichloromethane	N.D.	5.00	5.41	5.00	5.46	108	109	80-120	1	30
Bromoform	N.D.	5.00	5.00	5.00	4.73	100	95	64-134	5	30
Bromomethane	N.D.	5.00	5.86	5.00	5.79	117	116	71-126	1	30
t-Butyl Alcohol	N.D.	50	54.06	50	58.69	108	117	77-130	8	30
n-Butylbenzene	N.D.	5.00	5.05	5.00	4.96	101	99	80-120	2	30
sec-Butylbenzene	N.D.	5.00	5.19	5.00	5.31	104	106	80-120	2	30
tert-Butylbenzene	N.D.	5.00	4.74	5.00	5.02	95	100	80-120	6	30
Carbon Disulfide	N.D.	5.00	4.67	5.00	4.75	93	95	70-128	2	30
Chlorobenzene	N.D.	5.00	5.06	5.00	5.13	101	103	80-120	1	30
Chloroethane	N.D.	5.00	5.81	5.00	6.00	116	120	71-122	3	30
Chloroform	N.D.	5.00	4.97	5.00	5.07	99	101	80-120	2	30
Chloromethane	N.D.	5.00	4.20	5.00	4.35	84	87	63-121	3	30
2-Chlorotoluene	N.D.	5.00	5.02	5.00	5.01	100	100	80-120	0	30
4-Chlorotoluene	N.D.	5.00	5.00	5.00	5.03	100	101	80-120	0	30
1,2-Dibromo-3-chloropropane	N.D.	5.00	5.14	5.00	5.36	103	107	54-147	4	30
Dibromochloromethane	N.D.	5.00	5.28	5.00	5.58	106	112	80-126	6	30
1,2-Dibromoethane	N.D.	5.00	5.15	5.00	5.15	103	103	80-120	0	30
Dibromomethane	N.D.	5.00	5.31	5.00	5.31	106	106	80-122	0	30
trans-1,4-Dichloro-2-butene	N.D.	25	32.67	25	32.34	131	129	14-166	1	30
1,2-Dichlorobenzene	N.D.	5.00	4.91	5.00	4.80	98	96	80-120	2	30
1,3-Dichlorobenzene	N.D.	5.00	5.06	5.00	5.11	101	102	80-120	1	30
1,4-Dichlorobenzene	N.D.	5.00	4.98	5.00	4.94	100	99	80-120	1	30
Dichlorodifluoromethane	N.D.	5.00	4.40	5.00	4.36	88	87	35-142	1	30
1,1-Dichloroethane	N.D.	5.00	4.42	5.00	4.51	88	90	80-120	2	30
1,2-Dichloroethane	N.D.	5.00	4.70	5.00	4.77	94	95	80-125	2	30
1,1-Dichloroethene	N.D.	5.00	5.04	5.00	4.90	101	98	80-120	3	30
cis-1,2-Dichloroethene	N.D.	5.00	4.98	5.00	5.07	100	101	80-120	2	30
trans-1,2-Dichloroethene	N.D.	5.00	4.95	5.00	5.07	99	101	80-120	2	30
1,2-Dichloropropane	N.D.	5.00	4.90	5.00	5.01	98	100	80-120	2	30
1,3-Dichloropropane	N.D.	5.00	4.38	5.00	4.32	88	86	80-120	1	30
2,2-Dichloropropane	N.D.	5.00	5.21	5.00	5.32	104	106	77-127	2	30
1,1-Dichloropropene	N.D.	5.00	4.46	5.00	4.61	89	92	80-120	3	30
cis-1,3-Dichloropropene	N.D.	5.00	5.08	5.00	5.25	102	105	80-124	3	30
trans-1,3-Dichloropropene	N.D.	5.00	4.47	5.00	4.42	89	88	76-132	1	30
Ethyl t-butyl ether	N.D.	5.00	4.06	5.00	4.25	81	85	72-126	5	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/27/2016 13:15

Group Number: 1624985

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	5.00	5.00	5.00	5.23	100	105	80-120	5	30
Hexachlorobutadiene	N.D.	5.00	4.25	5.00	4.24	85	85	74-123	0	30
di-Isopropyl Ether	N.D.	5.00	4.05	5.00	4.24	81	85	71-130	5	30
Isopropylbenzene	N.D.	5.00	5.15	5.00	5.16	103	103	80-120	0	30
p-Isopropyltoluene	N.D.	5.00	5.19	5.00	5.33	104	107	80-120	3	30
Methyl Tertiary Butyl Ether	N.D.	5.00	4.38	5.00	4.56	88	91	80-121	4	30
Methylene Chloride	N.D.	5.00	4.71	5.00	4.80	94	96	80-120	2	30
Naphthalene	N.D.	5.00	3.95	5.00	3.89	79	78	59-136	1	30
n-Propylbenzene	N.D.	5.00	4.81	5.00	5.11	96	102	79-121	6	30
Styrene	N.D.	5.00	5.52	5.00	5.02	110	100	80-122	10	30
1,1,1,2-Tetrachloroethane	N.D.	5.00	5.14	5.00	5.27	103	105	80-120	2	30
1,1,2,2-Tetrachloroethane	N.D.	5.00	4.96	5.00	5.32	99	106	80-120	7	30
Tetrachloroethene	N.D.	5.00	4.64	5.00	4.53	93	91	80-120	2	30
Toluene	N.D.	5.00	4.37	5.00	4.32	87	86	80-120	1	30
1,2,3-Trichlorobenzene	N.D.	5.00	3.62	5.00	3.90	72	78	64-124	7	30
1,2,4-Trichlorobenzene	N.D.	5.00	4.07	5.00	4.02	81	80	70-123	1	30
1,1,1-Trichloroethane	N.D.	5.00	5.16	5.00	5.34	103	107	80-120	3	30
1,1,2-Trichloroethane	N.D.	5.00	4.73	5.00	4.59	95	92	80-120	3	30
Trichloroethene	N.D.	5.00	5.08	5.00	5.17	102	103	80-120	2	30
Trichlorofluoromethane	N.D.	5.00	6.28	5.00	6.26	126	125	69-133	0	30
1,2,3-Trichloropropane	N.D.	5.00	4.98	5.00	5.26	100	105	80-120	5	30
1,2,4-Trimethylbenzene	N.D.	5.00	4.86	5.00	5.03	97	101	80-120	4	30
1,3,5-Trimethylbenzene	N.D.	5.00	5.04	5.00	5.10	101	102	80-120	1	30
Vinyl Chloride	N.D.	5.00	5.35	5.00	5.55	107	111	71-123	4	30
Xylene (Total)	N.D.	15	15.53	15	14.86	104	99	80-120	4	30
	ug/l	ug/l	ug/l	ug/l	ug/l					
Batch number: 16020B20A	Sample number(s): 8213466 UNSPK: P211719									
TPH-GRO water C6-C10	N.D.	1100	1204.7	1100	1289.23	110	117	80-129	7	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160251AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8213466	95	103	95	92
Blank	104	107	90	81
LCS	99	108	95	99
MS	100	104	87	94
MSD	101	106	85	94
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16020B20A

*- Outside of specification
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P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 01/27/2016 13:15

Group Number: 1624985

	Trifluorotoluene-F
8213466	89
Blank	91
LCS	100
MS	89
MSD	102
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160210012A

	Orthoterphenyl
8213466	95
Blank	90
LCS	85
LCSD	93
Limits:	42-160

*- Outside of specification
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P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

MW COC

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # 8390 Group # 1624985 Sample # 8213466

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909
Project Manager: Peter Reichardt	P.O. #: 0402909-06-206
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Sediment	Soil	Ground	Surface	Potable	NPDES	Water	Other:	Total # of Containers	Full Suite VOCs plus Oxy & Naphthalene (8260)	TPH-GRO (8015B)	TPH-DRO (8015B)	Remarks
1608R-End	1-19-16	1000	X				X				X		7	X	X	X	EQEDD file name:
																	Carroll Wally's-lab
																	report #.17962.
																	EQEDD.zip

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	1-20-16	0800	Denise Woodring	1-20-16	0800
Denise Woodring	1-20-16	1350	[signature]	1-20-16	1350
[signature]	1-20-16	1704			

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.4 °C

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 134170

Group Number(s): 1624985

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	01/20/2016 17:04
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 17:16 on 01/20/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.4	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 19, 2016

Project: Carroll Wally's

Submittal Date: 02/09/2016
Group Number: 1630138
PO Number: 0402909-05-220
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
Effluent Grab Potable Water	8236514
Mid2 Grab Potable Water	8236515
Mid1 Grab Potable Water	8236516
Influent Grab Potable Water	8236517
RW-2 Grab Groundwater	8236518
RW-4 Grab Groundwater	8236519

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Analysis Report

Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236514
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:00 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYEF

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160421AA	02/11/2016 11:10	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16041A53A	02/11/2016 21:24	Jeremy C Giffin	1

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Analysis Report

Sample Description: **Effluent Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236514
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:00 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYEF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16041A53A	02/11/2016 21:24	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 12:00	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

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Analysis Report

Sample Description: Mid2 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236515
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:05 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

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WLYM2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160421AA	02/11/2016 11:34	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16041A53A	02/11/2016 21:52	Jeremy C Giffin	1

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Analysis Report

Sample Description: **Mid2 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236515
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:05 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

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WLYM2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16041A53A	02/11/2016 21:52	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 12:23	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

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Analysis Report

Sample Description: Mid1 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236516
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:10 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

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Odenton MD 21113

WLYM1

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	2.6	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	1
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160421AA	02/11/2016 11:58	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16041A53A	02/11/2016 22:20	Jeremy C Giffin	1

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Analysis Report

Sample Description: **Mid1 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236516
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:10 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16041A53A	02/11/2016 22:20	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 12:47	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

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Analysis Report

Sample Description: Influent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236517
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:15 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYIN

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	1.3		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	4.4	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	0.6		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	66		1.0	10
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	85		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160421AA	02/11/2016 13:59	Jason M Long	1

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Analysis Report

Sample Description: Influent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236517
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:15 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYIN

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160421AA	02/11/2016 14:23	Jason M Long	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16041A53A	02/11/2016 22:47	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16041A53A	02/11/2016 22:47	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 13:10	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

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Analysis Report

Sample Description: RW-2 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236518
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:20 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

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Suite A
1350 Blair Dr
Odenton MD 21113

WLYR2

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	0.1	J	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	6.7		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: RW-2 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236518
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:20 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160462AA	02/16/2016 01:59	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160462AA	02/16/2016 01:59	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16041A53A	02/11/2016 23:15	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16041A53A	02/11/2016 23:15	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 13:34	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Sample Description: RW-4 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236519
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:25 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR4

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	2.7		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	7.1	J	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	0.9		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	120		0.5	5
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: RW-4 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236519
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:25 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR4

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	150	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160462AA	02/16/2016 04:48	Matthew S Krause	5
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160471AA	02/16/2016 14:25	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160462AA	02/16/2016 04:48	Matthew S Krause	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	I160471AA	02/16/2016 14:25	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16042A20A	02/12/2016 20:10	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16042A20A	02/12/2016 20:10	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 13:59	Christine E Dolman	1

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Analysis Report

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Sample Description: **RW-4 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236519
LL Group # 1630138
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 11:25 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:43

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: G160421AA	Sample number(s): 8236514-8236517	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	2.5
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: I160462AA	Sample number(s): 8236518-8236519	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	Result	MDL
	ug/l	ug/l
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: I160471AA	Sample number(s): 8236519	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	Result	MDL
	ug/l	ug/l
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	Result ug/l	MDL ug/l
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16041A53A	Sample number(s): 8236514-8236518	
TPH-GRO water C6-C10	N.D.	20
Batch number: 16042A20A	Sample number(s): 8236519	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160430005A	Sample number(s): 8236514-8236519	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: G160421AA	Sample number(s): 8236514-8236517								
t-Amyl Methyl Ether	5.00	4.44			89		70-130		
Benzene	5.00	5.05			101		70-130		
t-Butyl Alcohol	50	58.19			116		70-130		
Carbon Tetrachloride	5.00	4.67			93		70-130		
Chlorobenzene	5.00	5.05			101		70-130		
1,2-Dichlorobenzene	5.00	4.68			94		70-130		
1,3-Dichlorobenzene	5.00	4.70			94		70-130		
1,2-Dichloroethane	5.00	4.65			93		70-130		
1,1-Dichloroethene	5.00	4.91			98		70-130		
cis-1,2-Dichloroethene	5.00	4.81			96		70-130		
trans-1,2-Dichloroethene	5.00	5.00			100		70-130		
1,2-Dichloropropane	5.00	5.14			103		70-130		
Ethyl t-Butyl Ether	5.00	4.59			92		70-130		
Ethylbenzene	5.00	4.91			98		70-130		
di-Isopropyl Ether	5.00	4.86			97		70-130		
Methyl Tertiary Butyl Ether	5.00	4.79			96		70-130		
Methylene Chloride	5.00	4.82			96		70-130		
Naphthalene	5.00	4.60			92		70-130		
Styrene	5.00	5.07			101		70-130		
Tetrachloroethene	5.00	4.38			88		70-130		
Toluene	5.00	5.05			101		70-130		
1,2,4-Trichlorobenzene	5.00	4.22			84		70-130		
1,1,1-Trichloroethane	5.00	4.07			81		70-130		
1,1,2-Trichloroethane	5.00	5.14			103		70-130		
Trichloroethene	5.00	4.96			99		70-130		
Vinyl Chloride	2.00	1.91			96		70-130		
Xylene (Total)	15	14.8			99		70-130		
Batch number: I160462AA	Sample number(s): 8236518-8236519								

*- Outside of specification
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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Acrylonitrile	25	31.45			126		68-135		
t-Amyl methyl ether	5.00	4.93			99		73-120		
Benzene	5.00	4.60			92		80-120		
Bromobenzene	5.00	4.77			95		80-120		
Bromochloromethane	5.00	4.90			98		80-125		
Bromodichloromethane	5.00	4.91			98		80-120		
Bromoform	5.00	4.94			99		62-128		
Bromomethane	5.00	3.78			76		71-126		
t-Butyl Alcohol	50	60.54			121		64-146		
n-Butylbenzene	5.00	4.66			93		80-120		
sec-Butylbenzene	5.00	4.74			95		80-120		
tert-Butylbenzene	5.00	4.85			97		80-120		
Carbon Disulfide	5.00	4.38			88		65-120		
Chlorobenzene	5.00	4.69			94		80-120		
Chloroethane	5.00	3.78			76		71-122		
Chloroform	5.00	4.71			94		80-120		
Chloromethane	5.00	3.29			66		63-121		
2-Chlorotoluene	5.00	4.71			94		80-120		
4-Chlorotoluene	5.00	4.70			94		80-120		
1,2-Dibromo-3-chloropropane	5.00	6.52			130		56-131		
Dibromochloromethane	5.00	4.87			97		68-131		
1,2-Dibromoethane	5.00	5.15			103		80-120		
Dibromomethane	5.00	5.02			100		80-122		
trans-1,4-Dichloro-2-butene	25	27.92			112		10-182		
1,2-Dichlorobenzene	5.00	4.70			94		80-120		
1,3-Dichlorobenzene	5.00	4.68			94		80-120		
1,4-Dichlorobenzene	5.00	4.71			94		80-120		
Dichlorodifluoromethane	5.00	2.71			54		35-142		
1,1-Dichloroethane	5.00	4.50			90		75-120		
1,2-Dichloroethane	5.00	4.88			98		72-127		
1,1-Dichloroethene	5.00	4.55			91		70-120		
cis-1,2-Dichloroethene	5.00	4.66			93		80-120		
trans-1,2-Dichloroethene	5.00	4.73			95		80-120		
1,2-Dichloropropane	5.00	4.76			95		80-120		
1,3-Dichloropropane	5.00	4.86			97		80-120		
2,2-Dichloropropane	5.00	4.62			92		64-126		
1,1-Dichloropropene	5.00	4.41			88		71-120		
cis-1,3-Dichloropropene	5.00	4.83			97		80-124		
trans-1,3-Dichloropropene	5.00	4.95			99		77-121		
Ethyl t-butyl ether	5.00	4.78			96		67-122		
Ethylbenzene	5.00	4.71			94		80-120		
Hexachlorobutadiene	5.00	4.51			90		69-120		
di-Isopropyl Ether	5.00	4.90			98		66-128		
Isopropylbenzene	5.00	4.89			98		80-120		
p-Isopropyltoluene	5.00	4.72			94		80-120		
Methyl Tertiary Butyl Ether	5.00	4.80			96		74-120		
Methylene Chloride	5.00	4.68			94		80-120		
Naphthalene	5.00	5.05			101		58-125		
n-Propylbenzene	5.00	4.67			93		79-120		
Styrene	5.00	5.02			100		80-122		
1,1,1,2-Tetrachloroethane	5.00	4.87			97		72-125		
1,1,2,2-Tetrachloroethane	5.00	4.88			98		80-120		
Tetrachloroethene	5.00	4.64			93		80-120		

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Toluene	5.00	4.57			91		80-120		
1,2,3-Trichlorobenzene	5.00	4.47			89		59-120		
1,2,4-Trichlorobenzene	5.00	4.66			93		67-120		
1,1,1-Trichloroethane	5.00	4.68			94		70-124		
1,1,2-Trichloroethane	5.00	4.87			97		80-120		
Trichloroethene	5.00	4.81			96		80-120		
Trichlorofluoromethane	5.00	4.15			83		64-133		
1,2,3-Trichloropropane	5.00	5.20			104		80-120		
1,2,4-Trimethylbenzene	5.00	4.74			95		80-120		
1,3,5-Trimethylbenzene	5.00	4.74			95		80-120		
Vinyl Chloride	5.00	3.56			71		62-128		
Xylene (Total)	15	14.2			95		80-120		
Batch number: I160471AA	Sample number(s): 8236519								
Acrylonitrile	25	25.3			101		68-135		
t-Amyl methyl ether	5.00	4.69			94		73-120		
Benzene	5.00	4.55			91		80-120		
Bromobenzene	5.00	4.39			88		80-120		
Bromochloromethane	5.00	4.61			92		80-125		
Bromodichloromethane	5.00	4.75			95		80-120		
Bromoform	5.00	4.41			88		62-128		
Bromomethane	5.00	4.65			93		71-126		
t-Butyl Alcohol	50	45.78			92		64-146		
n-Butylbenzene	5.00	4.45			89		80-120		
sec-Butylbenzene	5.00	4.51			90		80-120		
tert-Butylbenzene	5.00	4.54			91		80-120		
Carbon Disulfide	5.00	4.12			82		65-120		
Chlorobenzene	5.00	4.55			91		80-120		
Chloroethane	5.00	4.48			90		71-122		
Chloroform	5.00	4.66			93		80-120		
Chloromethane	5.00	4.64			93		63-121		
2-Chlorotoluene	5.00	4.33			87		80-120		
4-Chlorotoluene	5.00	4.32			86		80-120		
1,2-Dibromo-3-chloropropane	5.00	5.37			107		56-131		
Dibromochloromethane	5.00	4.52			90		68-131		
1,2-Dibromoethane	5.00	4.79			96		80-120		
Dibromomethane	5.00	4.80			96		80-122		
trans-1,4-Dichloro-2-butene	25	23.26			93		10-182		
1,2-Dichlorobenzene	5.00	4.37			87		80-120		
1,3-Dichlorobenzene	5.00	4.33			87		80-120		
1,4-Dichlorobenzene	5.00	4.37			87		80-120		
Dichlorodifluoromethane	5.00	5.19			104		35-142		
1,1-Dichloroethane	5.00	4.44			89		75-120		
1,2-Dichloroethane	5.00	4.75			95		72-127		
1,1-Dichloroethene	5.00	4.43			89		70-120		
cis-1,2-Dichloroethene	5.00	4.59			92		80-120		
trans-1,2-Dichloroethene	5.00	4.68			94		80-120		
1,2-Dichloropropane	5.00	4.67			93		80-120		
1,3-Dichloropropane	5.00	4.55			91		80-120		
2,2-Dichloropropane	5.00	4.69			94		64-126		
1,1-Dichloropropene	5.00	4.38			88		71-120		
cis-1,3-Dichloropropene	5.00	4.63			93		80-124		
trans-1,3-Dichloropropene	5.00	4.56			91		77-121		
Ethyl t-butyl ether	5.00	4.59			92		67-122		

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	5.00	4.60			92		80-120		
Hexachlorobutadiene	5.00	4.42			88		69-120		
di-Isopropyl Ether	5.00	4.72			94		66-128		
Isopropylbenzene	5.00	4.79			96		80-120		
p-Isopropyltoluene	5.00	4.50			90		80-120		
Methylene Chloride	5.00	4.51			90		80-120		
Naphthalene	5.00	4.63			93		58-125		
n-Propylbenzene	5.00	4.43			89		79-120		
Styrene	5.00	4.85			97		80-122		
1,1,1,2-Tetrachloroethane	5.00	4.67			93		72-125		
1,1,2,2-Tetrachloroethane	5.00	4.26			85		80-120		
Tetrachloroethene	5.00	4.55			91		80-120		
Toluene	5.00	4.47			89		80-120		
1,2,3-Trichlorobenzene	5.00	4.29			86		59-120		
1,2,4-Trichlorobenzene	5.00	4.39			88		67-120		
1,1,1-Trichloroethane	5.00	4.69			94		70-124		
1,1,2-Trichloroethane	5.00	4.54			91		80-120		
Trichloroethene	5.00	4.81			96		80-120		
Trichlorofluoromethane	5.00	4.99			100		64-133		
1,2,3-Trichloropropane	5.00	4.59			92		80-120		
1,2,4-Trimethylbenzene	5.00	4.41			88		80-120		
1,3,5-Trimethylbenzene	5.00	4.46			89		80-120		
Vinyl Chloride	5.00	4.67			93		62-128		
Xylene (Total)	15	13.85			92		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16041A53A	Sample number(s): 8236514-8236518								
TPH-GRO water C6-C10	1100	1042.51			95		80-129		
Batch number: 16042A20A	Sample number(s): 8236519								
TPH-GRO water C6-C10	1100	1031.15	1100	998.83	94	91	80-129	3	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160430005A	Sample number(s): 8236514-8236519								
DRO C10-C28	2690	2057.77	2660	1998.93	76	75	69-115	3	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: I160462AA	Sample number(s): 8236518-8236519 UNSPK: P242373									
Acrylonitrile	N.D.	25	23.1	25	27.22	92	109	68-135	16	30
t-Amyl methyl ether	N.D.	5.00	5.31	5.00	5.40	106	108	73-120	2	30
Benzene	N.D.	5.00	5.04	5.00	4.98	101	100	80-120	1	30
Bromobenzene	N.D.	5.00	4.89	5.00	4.81	98	96	80-120	2	30
Bromochloromethane	N.D.	5.00	5.50	5.00	5.51	110	110	80-125	0	30
Bromodichloromethane	N.D.	5.00	5.49	5.00	5.44	110	109	80-120	1	30
Bromoform	N.D.	5.00	5.29	5.00	5.29	106	106	62-128	0	30

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Group Number: 1630138

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Bromomethane	N.D.	5.00	3.95	5.00	4.25	79	85	71-126	7	30
t-Butyl Alcohol	N.D.	50	39.82	50	50.95	80	102	64-146	25	30
n-Butylbenzene	N.D.	5.00	4.67	5.00	4.60	93	92	80-120	1	30
sec-Butylbenzene	N.D.	5.00	4.86	5.00	4.82	97	96	80-120	1	30
tert-Butylbenzene	N.D.	5.00	4.93	5.00	4.88	99	98	80-120	1	30
Carbon Disulfide	N.D.	5.00	4.81	5.00	4.79	96	96	65-120	0	30
Chlorobenzene	N.D.	5.00	4.92	5.00	4.88	98	98	80-120	1	30
Chloroethane	N.D.	5.00	3.93	5.00	4.22	79	84	71-122	7	30
Chloroform	N.D.	5.00	5.12	5.00	5.03	102	101	80-120	2	30
Chloromethane	N.D.	5.00	3.41	5.00	3.71	68	74	63-121	9	30
2-Chlorotoluene	N.D.	5.00	4.67	5.00	4.66	93	93	80-120	0	30
4-Chlorotoluene	N.D.	5.00	4.76	5.00	4.68	95	94	80-120	2	30
1,2-Dibromo-3-chloropropane	N.D.	5.00	5.56	5.00	6.32	111	126	56-131	13	30
Dibromochloromethane	N.D.	5.00	5.31	5.00	5.27	106	105	68-131	1	30
1,2-Dibromoethane	N.D.	5.00	5.60	5.00	5.59	112	112	80-120	0	30
Dibromomethane	N.D.	5.00	5.64	5.00	5.57	113	111	80-122	1	30
trans-1,4-Dichloro-2-butene	N.D.	25	17.96	25	20.54	72	82	10-182	13	30
1,2-Dichlorobenzene	N.D.	5.00	4.82	5.00	4.75	96	95	80-120	2	30
1,3-Dichlorobenzene	N.D.	5.00	4.70	5.00	4.68	94	94	80-120	0	30
1,4-Dichlorobenzene	N.D.	5.00	4.78	5.00	4.73	96	95	80-120	1	30
Dichlorodifluoromethane	N.D.	5.00	2.90	5.00	3.04	58	61	35-142	5	30
1,1-Dichloroethane	N.D.	5.00	4.81	5.00	4.84	96	97	75-120	1	30
1,2-Dichloroethane	N.D.	5.00	5.49	5.00	5.46	110	109	72-127	1	30
1,1-Dichloroethene	N.D.	5.00	5.01	5.00	4.95	100	99	70-120	1	30
cis-1,2-Dichloroethene	N.D.	5.00	5.04	5.00	4.99	101	100	80-120	1	30
trans-1,2-Dichloroethene	N.D.	5.00	5.17	5.00	5.10	103	102	80-120	1	30
1,2-Dichloropropane	N.D.	5.00	5.27	5.00	5.23	105	105	80-120	1	30
1,3-Dichloropropane	N.D.	5.00	5.30	5.00	5.37	106	107	80-120	1	30
2,2-Dichloropropane	N.D.	5.00	5.09	5.00	5.12	102	102	64-126	1	30
1,1-Dichloropropene	N.D.	5.00	4.96	5.00	4.96	99	99	71-120	0	30
cis-1,3-Dichloropropene	N.D.	5.00	5.45	5.00	5.61	109	112	80-124	3	30
trans-1,3-Dichloropropene	N.D.	5.00	5.47	5.00	5.45	109	109	77-121	0	30
Ethyl t-butyl ether	N.D.	5.00	4.94	5.00	5.07	99	101	67-122	2	30
Ethylbenzene	N.D.	5.00	4.91	5.00	4.88	98	98	80-120	1	30
Hexachlorobutadiene	N.D.	5.00	4.68	5.00	4.57	94	91	69-120	2	30
di-Isopropyl Ether	N.D.	5.00	5.01	5.00	5.08	100	102	66-128	1	30
Isopropylbenzene	N.D.	5.00	5.11	5.00	5.08	102	102	80-120	1	30
p-Isopropyltoluene	N.D.	5.00	4.81	5.00	4.74	96	95	80-120	2	30
Methyl Tertiary Butyl Ether	N.D.	5.00	5.29	5.00	5.37	106	107	74-120	1	30
Methylene Chloride	N.D.	5.00	4.92	5.00	4.90	98	98	80-120	0	30
Naphthalene	N.D.	5.00	5.87	5.00	5.87	117	117	58-125	0	30
n-Propylbenzene	N.D.	5.00	4.74	5.00	4.72	95	94	79-120	1	30
Styrene	N.D.	5.00	5.26	5.00	5.22	105	104	80-122	1	30
1,1,1,2-Tetrachloroethane	N.D.	5.00	5.10	5.00	5.04	102	101	72-125	1	30
1,1,2,2-Tetrachloroethane	N.D.	5.00	5.08	5.00	5.13	102	103	80-120	1	30
Tetrachloroethene	N.D.	5.00	5.16	5.00	5.05	103	101	80-120	2	30
Toluene	N.D.	5.00	4.83	5.00	4.80	97	96	80-120	1	30
1,2,3-Trichlorobenzene	N.D.	5.00	4.87	5.00	4.76	97	95	59-120	2	30
1,2,4-Trichlorobenzene	N.D.	5.00	4.71	5.00	4.63	94	93	67-120	2	30
1,1,1-Trichloroethane	N.D.	5.00	5.23	5.00	5.14	105	103	70-124	2	30
1,1,2-Trichloroethane	N.D.	5.00	5.27	5.00	5.32	105	106	80-120	1	30
Trichloroethene	N.D.	5.00	5.39	5.00	5.30	108	106	80-120	2	30
Trichlorofluoromethane	N.D.	5.00	4.76	5.00	4.98	95	100	64-133	5	30

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
1,2,3-Trichloropropane	N.D.	5.00	5.57	5.00	5.52	111	110	80-120	1	30
1,2,4-Trimethylbenzene	N.D.	5.00	4.77	5.00	4.74	95	95	80-120	1	30
1,3,5-Trimethylbenzene	N.D.	5.00	4.78	5.00	4.72	96	94	80-120	1	30
Vinyl Chloride	N.D.	5.00	4.04	5.00	4.29	81	86	62-128	6	30
Xylene (Total)	N.D.	15	14.81	15	14.66	99	98	80-120	1	30
Batch number: I160471AA	Sample number(s): 8236519 UNSPK: P241516									
Acrylonitrile	N.D.	25	31.42	25	25.69	126	103	68-135	20	30
t-Amyl methyl ether	N.D.	5.00	4.67	5.00	4.51	93	90	73-120	3	30
Benzene	1.18	5.00	6.07	5.00	5.83	98	93	80-120	4	30
Bromobenzene	N.D.	5.00	4.67	5.00	4.42	93	88	80-120	5	30
Bromochloromethane	N.D.	5.00	4.98	5.00	4.80	100	96	80-125	4	30
Bromodichloromethane	N.D.	5.00	5.18	5.00	4.88	104	98	80-120	6	30
Bromoform	N.D.	5.00	4.82	5.00	4.54	96	91	62-128	6	30
Bromomethane	N.D.	5.00	4.88	5.00	4.63	98	93	71-126	5	30
t-Butyl Alcohol	N.D.	50	38.71	50	45.3	77	91	64-146	16	30
n-Butylbenzene	N.D.	5.00	4.72	5.00	4.48	94	90	80-120	5	30
sec-Butylbenzene	N.D.	5.00	4.90	5.00	4.66	98	93	80-120	5	30
tert-Butylbenzene	N.D.	5.00	4.92	5.00	4.69	98	94	80-120	5	30
Carbon Disulfide	N.D.	5.00	4.55	5.00	4.36	91	87	65-120	4	30
Chlorobenzene	0.897	5.00	5.75	5.00	5.41	97	90	80-120	6	30
Chloroethane	N.D.	5.00	4.75	5.00	4.57	95	91	71-122	4	30
Chloroform	26.16	5.00	32.07	5.00	31.6	118 (2)	109 (2)	80-120	1	30
Chloromethane	N.D.	5.00	4.69	5.00	4.66	94	93	63-121	1	30
2-Chlorotoluene	10.23	5.00	15.74	5.00	15.64	110	108	80-120	1	30
4-Chlorotoluene	N.D.	5.00	4.71	5.00	4.42	94	88	80-120	6	30
1,2-Dibromo-3-chloropropane	N.D.	5.00	7.11	5.00	5.46	142*	109	56-131	26	30
Dibromochloromethane	N.D.	5.00	4.92	5.00	4.58	98	92	68-131	7	30
1,2-Dibromoethane	N.D.	5.00	4.87	5.00	4.66	97	93	80-120	4	30
Dibromomethane	N.D.	5.00	5.02	5.00	4.75	100	95	80-122	6	30
trans-1,4-Dichloro-2-butene	N.D.	25	28.29	25	22.05	113	88	10-182	25	30
1,2-Dichlorobenzene	N.D.	5.00	4.70	5.00	4.42	94	88	80-120	6	30
1,3-Dichlorobenzene	N.D.	5.00	4.66	5.00	4.41	93	88	80-120	6	30
1,4-Dichlorobenzene	N.D.	5.00	4.70	5.00	4.45	94	89	80-120	6	30
Dichlorodifluoromethane	N.D.	5.00	5.21	5.00	5.32	104	106	35-142	2	30
1,1-Dichloroethane	N.D.	5.00	4.68	5.00	4.58	94	92	75-120	2	30
1,2-Dichloroethane	0.109	5.00	5.01	5.00	4.76	98	93	72-127	5	30
1,1-Dichloroethene	N.D.	5.00	4.87	5.00	4.69	97	94	70-120	4	30
cis-1,2-Dichloroethene	14.01	5.00	19.86	5.00	19.66	117	113	80-120	1	30
trans-1,2-Dichloroethene	0.111	5.00	5.10	5.00	4.88	100	95	80-120	4	30
1,2-Dichloropropane	N.D.	5.00	4.88	5.00	4.64	98	93	80-120	5	30
1,3-Dichloropropane	N.D.	5.00	4.73	5.00	4.44	95	89	80-120	6	30
2,2-Dichloropropane	N.D.	5.00	4.95	5.00	4.70	99	94	64-126	5	30
1,1-Dichloropropene	N.D.	5.00	4.77	5.00	4.56	95	91	71-120	4	30
cis-1,3-Dichloropropene	N.D.	5.00	4.76	5.00	4.60	95	92	80-124	3	30
trans-1,3-Dichloropropene	N.D.	5.00	4.82	5.00	4.59	96	92	77-121	5	30
Ethyl t-butyl ether	N.D.	5.00	4.50	5.00	4.40	90	88	67-122	2	30
Ethylbenzene	N.D.	5.00	4.90	5.00	4.63	98	93	80-120	6	30
Hexachlorobutadiene	N.D.	5.00	4.67	5.00	4.49	93	90	69-120	4	30
di-Isopropyl Ether	N.D.	5.00	4.77	5.00	4.68	95	94	66-128	2	30
Isopropylbenzene	N.D.	5.00	5.14	5.00	4.85	103	97	80-120	6	30
p-Isopropyltoluene	N.D.	5.00	4.84	5.00	4.58	97	92	80-120	6	30
Methylene Chloride	N.D.	5.00	4.67	5.00	4.56	93	91	80-120	2	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Naphthalene	0.337	5.00	5.36	5.00	5.20	100	97	58-125	3	30
n-Propylbenzene	N.D.	5.00	4.77	5.00	4.52	95	90	79-120	5	30
Styrene	N.D.	5.00	4.98	5.00	4.71	100	94	80-122	5	30
1,1,1,2-Tetrachloroethane	N.D.	5.00	5.08	5.00	4.73	102	95	72-125	7	30
1,1,2,2-Tetrachloroethane	N.D.	5.00	4.39	5.00	4.15	88	83	80-120	6	30
Tetrachloroethene	9.86	5.00	15.43	5.00	15.1	111	105	80-120	2	30
Toluene	N.D.	5.00	4.77	5.00	4.51	95	90	80-120	6	30
1,2,3-Trichlorobenzene	N.D.	5.00	4.39	5.00	4.27	88	85	59-120	3	30
1,2,4-Trichlorobenzene	N.D.	5.00	4.51	5.00	4.37	90	87	67-120	3	30
1,1,1-Trichloroethane	N.D.	5.00	5.15	5.00	4.89	103	98	70-124	5	30
1,1,2-Trichloroethane	N.D.	5.00	4.67	5.00	4.45	93	89	80-120	5	30
Trichloroethene	1.27	5.00	6.57	5.00	6.32	106	101	80-120	4	30
Trichlorofluoromethane	N.D.	5.00	5.48	5.00	5.10	110	102	64-133	7	30
1,2,3-Trichloropropane	N.D.	5.00	4.69	5.00	4.36	94	87	80-120	7	30
1,2,4-Trimethylbenzene	N.D.	5.00	4.77	5.00	4.49	95	90	80-120	6	30
1,3,5-Trimethylbenzene	N.D.	5.00	4.77	5.00	4.49	95	90	80-120	6	30
Vinyl Chloride	0.103	5.00	5.13	5.00	4.92	100	96	62-128	4	30
Xylene (Total)	N.D.	15	14.7	15	13.9	98	93	80-120	6	30
	ug/l	ug/l	ug/l	ug/l	ug/l					
Batch number: 16041A53A	Sample number(s): 8236514-8236518 UNSPK: P235451									
TPH-GRO water C6-C10	6919.43	5500	10806.74	5500	13762.47	71*	124	80-129	24	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: G160421AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8236514	82	91
8236515	83	97
8236516	83	92
8236517	82	92
Blank	83	92
LCS	90	96
Limits:	80-120	80-120

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: I160462AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8236518	102	104	97	98
Blank	101	101	98	98
LCS	101	101	98	99
MS	104	113	95	101
MSD	104	113	96	102
Limits:	77-114	74-113	77-110	78-110

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:43

Group Number: 1630138

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: I160471AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8236519	98	99	98	99
Blank	101	100	97	97
LCS	102	105	97	101
MS	103	101	98	101
MSD	104	103	98	100
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16041A53A

	Trifluorotoluene-F
8236514	93
8236515	93
8236516	93
8236517	94
8236518	92
Blank	93
LCS	109
MS	150*
MSD	175*
Limits:	63-135

Analysis Name: TPH-GRO water C6-C10
Batch number: 16042A20A

	Trifluorotoluene-F
8236519	89
Blank	91
LCS	101
LCSD	101
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160430005A

	Orthoterphenyl
8236514	102
8236515	100
8236516	100
8236517	103
8236518	99
8236519	100
Blank	99
LCS	91
LCSD	91
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1630138 Sample # 8236514-19

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909
Project Manager: Peter Reichardt	P.O. #: 0402909-05-220
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Matrix: Sediment ☐ Soil ☐ Ground ☒ Potable ☐ Surface ☒ NPDES ☐ Water ☐ Other:

Analyses Requested / Preservation Codes

For Lab Use Only: SF #: ____ SCR #: ____

Sample Identification	Collection Date	Collection Time	Grab	Composite	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
Effluent	2-8-16	1100	X		7	X		X	X	EQEDD file name:
Mid2	↓	1105	↓		↓	X		↓	↓	Carroll Wally's-lab
Mid1	↓	1110	↓		↓	X		↓	↓	report #.17962.
Influent	↓	1115	↓		↓	X		↓	↓	EQEDD.zip
RW-2	↓	1120	↓		↓		X	↓	↓	
RW-4	2-8-16	1125	X		7		X	X	X	

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	2-9-16	1110	Denise Wooding	2-9-16	11:18
Denise Wooding	2-9-16	1250	[illegible]	2/9/16	1:50
[illegible]	2/9/16	17:15			
			[illegible]	2/9/16	17:15

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt 1.6 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 135826

Group Number(s): 1630138

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/09/2016 17:15
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Jordan Woods (6698) at 17:35 on 02/09/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.6	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 19, 2016

Project: Carroll Wally's

Submittal Date: 02/09/2016
Group Number: 1630139
PO Number: 0402909-06-206
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
RW-1 Grab Groundwater	8236520
MW-21 Grab Groundwater	8236521
MW-22 Grab Groundwater	8236522
MW-3 Grab Groundwater	8236523
1608R Grab Groundwater	8236524

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Analysis Report

Sample Description: RW-1 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236520
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:00 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR1

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	0.2	J	0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	0.2	J	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	14		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: RW-1 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236520
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:00 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYR1

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Styrene	100-42-5	N.D.		0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	1
02898	Toluene	108-88-3	N.D.		0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
02898	Trichloroethene	79-01-6	N.D.		0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	1
02898	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	29	J	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160471AA	02/16/2016 14:46	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160471AA	02/16/2016 14:46	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16042A20A	02/12/2016 20:37	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16042A20A	02/12/2016 20:37	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 14:23	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Sample Description: MW-21 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236521
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:10 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY21

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-21 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236521
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:10 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY21

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160462AA	02/16/2016 02:20	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160462AA	02/16/2016 02:20	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16042A20A	02/12/2016 21:05	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16042A20A	02/12/2016 21:05	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 14:47	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Sample Description: MW-22 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236522
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:20 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY22

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.4	J	0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-22 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236522
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:20 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY22

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160471AA	02/16/2016 15:07	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160471AA	02/16/2016 15:07	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16042A20A	02/12/2016 22:00	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16042A20A	02/12/2016 22:00	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 15:10	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Sample Description: MW-3 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236523
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:30 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY03

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.5	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-3 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236523
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:30 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY03

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160471AA	02/16/2016 15:28	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160471AA	02/16/2016 15:28	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16042A20A	02/12/2016 22:27	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16042A20A	02/12/2016 22:27	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 15:34	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Sample Description: **1608R Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236524
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:40 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1608-

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.		20	20
02898	t-Amyl methyl ether	994-05-8	21		2.0	20
02898	Benzene	71-43-2	N.D.		2.0	20
02898	Bromobenzene	108-86-1	N.D.		2.0	20
02898	Bromochloromethane	74-97-5	N.D.		2.0	20
02898	Bromodichloromethane	75-27-4	N.D.		2.0	20
02898	Bromoform	75-25-2	N.D.		2.0	20
02898	Bromomethane	74-83-9	N.D.		2.0	20
02898	t-Butyl Alcohol	75-65-0	260		80	20
02898	n-Butylbenzene	104-51-8	N.D.		2.0	20
02898	sec-Butylbenzene	135-98-8	N.D.		2.0	20
02898	tert-Butylbenzene	98-06-6	N.D.		2.0	20
02898	Carbon Disulfide	75-15-0	N.D.		8.0	20
02898	Chlorobenzene	108-90-7	N.D.		2.0	20
02898	Chloroethane	75-00-3	N.D.		2.0	20
02898	Chloroform	67-66-3	N.D.		2.0	20
02898	Chloromethane	74-87-3	N.D.		4.0	20
02898	2-Chlorotoluene	95-49-8	N.D.		2.0	20
02898	4-Chlorotoluene	106-43-4	N.D.		2.0	20
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		4.0	20
02898	Dibromochloromethane	124-48-1	N.D.		2.0	20
02898	1,2-Dibromoethane	106-93-4	N.D.		2.0	20
02898	Dibromomethane	74-95-3	N.D.		2.0	20
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		20	20
02898	1,2-Dichlorobenzene	95-50-1	N.D.		2.0	20
02898	1,3-Dichlorobenzene	541-73-1	N.D.		2.0	20
02898	1,4-Dichlorobenzene	106-46-7	N.D.		2.0	20
02898	Dichlorodifluoromethane	75-71-8	N.D.		2.0	20
02898	1,1-Dichloroethane	75-34-3	N.D.		2.0	20
02898	1,2-Dichloroethane	107-06-2	N.D.		2.0	20
02898	1,1-Dichloroethene	75-35-4	N.D.		2.0	20
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		2.0	20
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		2.0	20
02898	1,2-Dichloropropane	78-87-5	N.D.		2.0	20
02898	1,3-Dichloropropane	142-28-9	N.D.		2.0	20
02898	2,2-Dichloropropane	594-20-7	N.D.		2.0	20
02898	1,1-Dichloropropene	563-58-6	N.D.		2.0	20
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.0	20
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.0	20
02898	Ethyl t-butyl ether	637-92-3	N.D.		2.0	20
02898	Ethylbenzene	100-41-4	N.D.		2.0	20
02898	Hexachlorobutadiene	87-68-3	N.D.		2.0	20
02898	di-Isopropyl Ether	108-20-3	4.7	J	2.0	20
02898	Isopropylbenzene	98-82-8	N.D.		2.0	20
02898	p-Isopropyltoluene	99-87-6	N.D.		2.0	20
02898	Methyl Tertiary Butyl Ether	1634-04-4	1,100		5.0	50
02898	Methylene Chloride	75-09-2	N.D.		4.0	20
02898	Naphthalene	91-20-3	N.D.		2.0	20
02898	n-Propylbenzene	103-65-1	N.D.		2.0	20

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Analysis Report

Sample Description: 1608R Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236524
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:40 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1608-

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	2.0	20
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	20
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	20
02898	Tetrachloroethene	127-18-4	N.D.	2.0	20
02898	Toluene	108-88-3	N.D.	2.0	20
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	2.0	20
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	2.0	20
02898	1,1,1-Trichloroethane	71-55-6	N.D.	2.0	20
02898	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	20
02898	Trichloroethene	79-01-6	N.D.	2.0	20
02898	Trichlorofluoromethane	75-69-4	N.D.	2.0	20
02898	1,2,3-Trichloropropane	96-18-4	N.D.	6.0	20
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	2.0	20
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	2.0	20
02898	Vinyl Chloride	75-01-4	N.D.	2.0	20
02898	Xylene (Total)	1330-20-7	N.D.	2.0	20
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	1,200	200	10
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160471AA	02/16/2016 15:50	Alexander M Ametrano	50
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160471AA	02/16/2016 23:39	Alexander M Ametrano	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160471AA	02/16/2016 15:50	Alexander M Ametrano	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	I160471AA	02/16/2016 23:39	Alexander M Ametrano	20
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16042A20A	02/13/2016 00:45	Jeremy C Giffin	10
01146	GC VOA Water Prep	SW-846 5030B	1	16042A20A	02/13/2016 00:45	Jeremy C Giffin	10

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Analysis Report

Sample Description: 1608R Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8236524
LL Group # 1630139
Account # 08390

Project Name: Carroll Wally's

Collected: 02/08/2016 15:40 by JP

Submitted: 02/09/2016 17:15
Reported: 02/19/2016 11:45

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1608-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 15:57	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: I160462AA	Sample number(s): 8236521	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	Result	MDL
	ug/l	ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: I160471AA	Sample number(s): 8236520,8236522-8236524	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	Result ug/l	MDL ug/l
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16042A20A	Sample number(s): 8236520-8236524	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160430005A	Sample number(s): 8236520-8236524	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: I160462AA	Sample number(s): 8236521								
Acrylonitrile	25	31.45			126		68-135		
t-Amyl methyl ether	5.00	4.93			99		73-120		
Benzene	5.00	4.60			92		80-120		
Bromobenzene	5.00	4.77			95		80-120		
Bromochloromethane	5.00	4.90			98		80-125		
Bromodichloromethane	5.00	4.91			98		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	5.00	4.94			99		62-128		
Bromomethane	5.00	3.78			76		71-126		
t-Butyl Alcohol	50	60.54			121		64-146		
n-Butylbenzene	5.00	4.66			93		80-120		
sec-Butylbenzene	5.00	4.74			95		80-120		
tert-Butylbenzene	5.00	4.85			97		80-120		
Carbon Disulfide	5.00	4.38			88		65-120		
Chlorobenzene	5.00	4.69			94		80-120		
Chloroethane	5.00	3.78			76		71-122		
Chloroform	5.00	4.71			94		80-120		
Chloromethane	5.00	3.29			66		63-121		
2-Chlorotoluene	5.00	4.71			94		80-120		
4-Chlorotoluene	5.00	4.70			94		80-120		
1,2-Dibromo-3-chloropropane	5.00	6.52			130		56-131		
Dibromochloromethane	5.00	4.87			97		68-131		
1,2-Dibromoethane	5.00	5.15			103		80-120		
Dibromomethane	5.00	5.02			100		80-122		
trans-1,4-Dichloro-2-butene	25	27.92			112		10-182		
1,2-Dichlorobenzene	5.00	4.70			94		80-120		
1,3-Dichlorobenzene	5.00	4.68			94		80-120		
1,4-Dichlorobenzene	5.00	4.71			94		80-120		
Dichlorodifluoromethane	5.00	2.71			54		35-142		
1,1-Dichloroethane	5.00	4.50			90		75-120		
1,2-Dichloroethane	5.00	4.88			98		72-127		
1,1-Dichloroethene	5.00	4.55			91		70-120		
cis-1,2-Dichloroethene	5.00	4.66			93		80-120		
trans-1,2-Dichloroethene	5.00	4.73			95		80-120		
1,2-Dichloropropane	5.00	4.76			95		80-120		
1,3-Dichloropropane	5.00	4.86			97		80-120		
2,2-Dichloropropane	5.00	4.62			92		64-126		
1,1-Dichloropropene	5.00	4.41			88		71-120		
cis-1,3-Dichloropropene	5.00	4.83			97		80-124		
trans-1,3-Dichloropropene	5.00	4.95			99		77-121		
Ethyl t-butyl ether	5.00	4.78			96		67-122		
Ethylbenzene	5.00	4.71			94		80-120		
Hexachlorobutadiene	5.00	4.51			90		69-120		
di-Isopropyl Ether	5.00	4.90			98		66-128		
Isopropylbenzene	5.00	4.89			98		80-120		
p-Isopropyltoluene	5.00	4.72			94		80-120		
Methyl Tertiary Butyl Ether	5.00	4.80			96		74-120		
Methylene Chloride	5.00	4.68			94		80-120		
Naphthalene	5.00	5.05			101		58-125		
n-Propylbenzene	5.00	4.67			93		79-120		
Styrene	5.00	5.02			100		80-122		
1,1,1,2-Tetrachloroethane	5.00	4.87			97		72-125		
1,1,2,2-Tetrachloroethane	5.00	4.88			98		80-120		
Tetrachloroethene	5.00	4.64			93		80-120		
Toluene	5.00	4.57			91		80-120		
1,2,3-Trichlorobenzene	5.00	4.47			89		59-120		
1,2,4-Trichlorobenzene	5.00	4.66			93		67-120		
1,1,1-Trichloroethane	5.00	4.68			94		70-124		
1,1,2-Trichloroethane	5.00	4.87			97		80-120		
Trichloroethene	5.00	4.81			96		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	5.00	4.15			83		64-133		
1,2,3-Trichloropropane	5.00	5.20			104		80-120		
1,2,4-Trimethylbenzene	5.00	4.74			95		80-120		
1,3,5-Trimethylbenzene	5.00	4.74			95		80-120		
Vinyl Chloride	5.00	3.56			71		62-128		
Xylene (Total)	15	14.2			95		80-120		
Batch number: I160471AA	Sample number(s): 8236520,8236522-8236524								
Acrylonitrile	25	25.3			101		68-135		
t-Amyl methyl ether	5.00	4.69			94		73-120		
Benzene	5.00	4.55			91		80-120		
Bromobenzene	5.00	4.39			88		80-120		
Bromochloromethane	5.00	4.61			92		80-125		
Bromodichloromethane	5.00	4.75			95		80-120		
Bromoform	5.00	4.41			88		62-128		
Bromomethane	5.00	4.65			93		71-126		
t-Butyl Alcohol	50	45.78			92		64-146		
n-Butylbenzene	5.00	4.45			89		80-120		
sec-Butylbenzene	5.00	4.51			90		80-120		
tert-Butylbenzene	5.00	4.54			91		80-120		
Carbon Disulfide	5.00	4.12			82		65-120		
Chlorobenzene	5.00	4.55			91		80-120		
Chloroethane	5.00	4.48			90		71-122		
Chloroform	5.00	4.66			93		80-120		
Chloromethane	5.00	4.64			93		63-121		
2-Chlorotoluene	5.00	4.33			87		80-120		
4-Chlorotoluene	5.00	4.32			86		80-120		
1,2-Dibromo-3-chloropropane	5.00	5.37			107		56-131		
Dibromochloromethane	5.00	4.52			90		68-131		
1,2-Dibromoethane	5.00	4.79			96		80-120		
Dibromomethane	5.00	4.80			96		80-122		
trans-1,4-Dichloro-2-butene	25	23.26			93		10-182		
1,2-Dichlorobenzene	5.00	4.37			87		80-120		
1,3-Dichlorobenzene	5.00	4.33			87		80-120		
1,4-Dichlorobenzene	5.00	4.37			87		80-120		
Dichlorodifluoromethane	5.00	5.19			104		35-142		
1,1-Dichloroethane	5.00	4.44			89		75-120		
1,2-Dichloroethane	5.00	4.75			95		72-127		
1,1-Dichloroethene	5.00	4.43			89		70-120		
cis-1,2-Dichloroethene	5.00	4.59			92		80-120		
trans-1,2-Dichloroethene	5.00	4.68			94		80-120		
1,2-Dichloropropane	5.00	4.67			93		80-120		
1,3-Dichloropropane	5.00	4.55			91		80-120		
2,2-Dichloropropane	5.00	4.69			94		64-126		
1,1-Dichloropropene	5.00	4.38			88		71-120		
cis-1,3-Dichloropropene	5.00	4.63			93		80-124		
trans-1,3-Dichloropropene	5.00	4.56			91		77-121		
Ethyl t-butyl ether	5.00	4.59			92		67-122		
Ethylbenzene	5.00	4.60			92		80-120		
Hexachlorobutadiene	5.00	4.42			88		69-120		
di-Isopropyl Ether	5.00	4.72			94		66-128		
Isopropylbenzene	5.00	4.79			96		80-120		
p-Isopropyltoluene	5.00	4.50			90		80-120		
Methyl Tertiary Butyl Ether	5.00	4.56			91		74-120		

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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methylene Chloride	5.00	4.51			90		80-120		
Naphthalene	5.00	4.63			93		58-125		
n-Propylbenzene	5.00	4.43			89		79-120		
Styrene	5.00	4.85			97		80-122		
1,1,1,2-Tetrachloroethane	5.00	4.67			93		72-125		
1,1,2,2-Tetrachloroethane	5.00	4.26			85		80-120		
Tetrachloroethene	5.00	4.55			91		80-120		
Toluene	5.00	4.47			89		80-120		
1,2,3-Trichlorobenzene	5.00	4.29			86		59-120		
1,2,4-Trichlorobenzene	5.00	4.39			88		67-120		
1,1,1-Trichloroethane	5.00	4.69			94		70-124		
1,1,2-Trichloroethane	5.00	4.54			91		80-120		
Trichloroethene	5.00	4.81			96		80-120		
Trichlorofluoromethane	5.00	4.99			100		64-133		
1,2,3-Trichloropropane	5.00	4.59			92		80-120		
1,2,4-Trimethylbenzene	5.00	4.41			88		80-120		
1,3,5-Trimethylbenzene	5.00	4.46			89		80-120		
Vinyl Chloride	5.00	4.67			93		62-128		
Xylene (Total)	15	13.85			92		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16042A20A	Sample number(s): 8236520-8236524								
TPH-GRO water C6-C10	1100	1031.15	1100	998.83	94	91	80-129	3	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160430005A	Sample number(s): 8236520-8236524								
DRO C10-C28	2690	2057.77	2660	1998.93	76	75	69-115	3	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: I160462AA	Sample number(s): 8236521 UNSPK: P242373									
Acrylonitrile	N.D.	25	23.1	25	27.22	92	109	68-135	16	30
t-Amyl methyl ether	N.D.	5.00	5.31	5.00	5.40	106	108	73-120	2	30
Benzene	N.D.	5.00	5.04	5.00	4.98	101	100	80-120	1	30
Bromobenzene	N.D.	5.00	4.89	5.00	4.81	98	96	80-120	2	30
Bromochloromethane	N.D.	5.00	5.50	5.00	5.51	110	110	80-125	0	30
Bromodichloromethane	N.D.	5.00	5.49	5.00	5.44	110	109	80-120	1	30
Bromoform	N.D.	5.00	5.29	5.00	5.29	106	106	62-128	0	30
Bromomethane	N.D.	5.00	3.95	5.00	4.25	79	85	71-126	7	30
t-Butyl Alcohol	N.D.	50	39.82	50	50.95	80	102	64-146	25	30
n-Butylbenzene	N.D.	5.00	4.67	5.00	4.60	93	92	80-120	1	30
sec-Butylbenzene	N.D.	5.00	4.86	5.00	4.82	97	96	80-120	1	30
tert-Butylbenzene	N.D.	5.00	4.93	5.00	4.88	99	98	80-120	1	30
Carbon Disulfide	N.D.	5.00	4.81	5.00	4.79	96	96	65-120	0	30
Chlorobenzene	N.D.	5.00	4.92	5.00	4.88	98	98	80-120	1	30
Chloroethane	N.D.	5.00	3.93	5.00	4.22	79	84	71-122	7	30

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Chloroform	N.D.	5.00	5.12	5.00	5.03	102	101	80-120	2	30
Chloromethane	N.D.	5.00	3.41	5.00	3.71	68	74	63-121	9	30
2-Chlorotoluene	N.D.	5.00	4.67	5.00	4.66	93	93	80-120	0	30
4-Chlorotoluene	N.D.	5.00	4.76	5.00	4.68	95	94	80-120	2	30
1,2-Dibromo-3-chloropropane	N.D.	5.00	5.56	5.00	6.32	111	126	56-131	13	30
Dibromochloromethane	N.D.	5.00	5.31	5.00	5.27	106	105	68-131	1	30
1,2-Dibromoethane	N.D.	5.00	5.60	5.00	5.59	112	112	80-120	0	30
Dibromomethane	N.D.	5.00	5.64	5.00	5.57	113	111	80-122	1	30
trans-1,4-Dichloro-2-butene	N.D.	25	17.96	25	20.54	72	82	10-182	13	30
1,2-Dichlorobenzene	N.D.	5.00	4.82	5.00	4.75	96	95	80-120	2	30
1,3-Dichlorobenzene	N.D.	5.00	4.70	5.00	4.68	94	94	80-120	0	30
1,4-Dichlorobenzene	N.D.	5.00	4.78	5.00	4.73	96	95	80-120	1	30
Dichlorodifluoromethane	N.D.	5.00	2.90	5.00	3.04	58	61	35-142	5	30
1,1-Dichloroethane	N.D.	5.00	4.81	5.00	4.84	96	97	75-120	1	30
1,2-Dichloroethane	N.D.	5.00	5.49	5.00	5.46	110	109	72-127	1	30
1,1-Dichloroethene	N.D.	5.00	5.01	5.00	4.95	100	99	70-120	1	30
cis-1,2-Dichloroethene	N.D.	5.00	5.04	5.00	4.99	101	100	80-120	1	30
trans-1,2-Dichloroethene	N.D.	5.00	5.17	5.00	5.10	103	102	80-120	1	30
1,2-Dichloropropane	N.D.	5.00	5.27	5.00	5.23	105	105	80-120	1	30
1,3-Dichloropropane	N.D.	5.00	5.30	5.00	5.37	106	107	80-120	1	30
2,2-Dichloropropane	N.D.	5.00	5.09	5.00	5.12	102	102	64-126	1	30
1,1-Dichloropropene	N.D.	5.00	4.96	5.00	4.96	99	99	71-120	0	30
cis-1,3-Dichloropropene	N.D.	5.00	5.45	5.00	5.61	109	112	80-124	3	30
trans-1,3-Dichloropropene	N.D.	5.00	5.47	5.00	5.45	109	109	77-121	0	30
Ethyl t-butyl ether	N.D.	5.00	4.94	5.00	5.07	99	101	67-122	2	30
Ethylbenzene	N.D.	5.00	4.91	5.00	4.88	98	98	80-120	1	30
Hexachlorobutadiene	N.D.	5.00	4.68	5.00	4.57	94	91	69-120	2	30
di-Isopropyl Ether	N.D.	5.00	5.01	5.00	5.08	100	102	66-128	1	30
Isopropylbenzene	N.D.	5.00	5.11	5.00	5.08	102	102	80-120	1	30
p-Isopropyltoluene	N.D.	5.00	4.81	5.00	4.74	96	95	80-120	2	30
Methyl Tertiary Butyl Ether	N.D.	5.00	5.29	5.00	5.37	106	107	74-120	1	30
Methylene Chloride	N.D.	5.00	4.92	5.00	4.90	98	98	80-120	0	30
Naphthalene	N.D.	5.00	5.87	5.00	5.87	117	117	58-125	0	30
n-Propylbenzene	N.D.	5.00	4.74	5.00	4.72	95	94	79-120	1	30
Styrene	N.D.	5.00	5.26	5.00	5.22	105	104	80-122	1	30
1,1,1,2-Tetrachloroethane	N.D.	5.00	5.10	5.00	5.04	102	101	72-125	1	30
1,1,2,2-Tetrachloroethane	N.D.	5.00	5.08	5.00	5.13	102	103	80-120	1	30
Tetrachloroethene	N.D.	5.00	5.16	5.00	5.05	103	101	80-120	2	30
Toluene	N.D.	5.00	4.83	5.00	4.80	97	96	80-120	1	30
1,2,3-Trichlorobenzene	N.D.	5.00	4.87	5.00	4.76	97	95	59-120	2	30
1,2,4-Trichlorobenzene	N.D.	5.00	4.71	5.00	4.63	94	93	67-120	2	30
1,1,1-Trichloroethane	N.D.	5.00	5.23	5.00	5.14	105	103	70-124	2	30
1,1,2-Trichloroethane	N.D.	5.00	5.27	5.00	5.32	105	106	80-120	1	30
Trichloroethene	N.D.	5.00	5.39	5.00	5.30	108	106	80-120	2	30
Trichlorofluoromethane	N.D.	5.00	4.76	5.00	4.98	95	100	64-133	5	30
1,2,3-Trichloropropane	N.D.	5.00	5.57	5.00	5.52	111	110	80-120	1	30
1,2,4-Trimethylbenzene	N.D.	5.00	4.77	5.00	4.74	95	95	80-120	1	30
1,3,5-Trimethylbenzene	N.D.	5.00	4.78	5.00	4.72	96	94	80-120	1	30
Vinyl Chloride	N.D.	5.00	4.04	5.00	4.29	81	86	62-128	6	30
Xylene (Total)	N.D.	15	14.81	15	14.66	99	98	80-120	1	30
Batch number: I160471AA	Sample number(s): 8236520,8236522-8236524 UNSPK: P241516									
Acrylonitrile	N.D.	25	31.42	25	25.69	126	103	68-135	20	30

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
t-Amyl methyl ether	N.D.	5.00	4.67	5.00	4.51	93	90	73-120	3	30
Benzene	1.18	5.00	6.07	5.00	5.83	98	93	80-120	4	30
Bromobenzene	N.D.	5.00	4.67	5.00	4.42	93	88	80-120	5	30
Bromochloromethane	N.D.	5.00	4.98	5.00	4.80	100	96	80-125	4	30
Bromodichloromethane	N.D.	5.00	5.18	5.00	4.88	104	98	80-120	6	30
Bromoform	N.D.	5.00	4.82	5.00	4.54	96	91	62-128	6	30
Bromomethane	N.D.	5.00	4.88	5.00	4.63	98	93	71-126	5	30
t-Butyl Alcohol	N.D.	50	38.71	50	45.3	77	91	64-146	16	30
n-Butylbenzene	N.D.	5.00	4.72	5.00	4.48	94	90	80-120	5	30
sec-Butylbenzene	N.D.	5.00	4.90	5.00	4.66	98	93	80-120	5	30
tert-Butylbenzene	N.D.	5.00	4.92	5.00	4.69	98	94	80-120	5	30
Carbon Disulfide	N.D.	5.00	4.55	5.00	4.36	91	87	65-120	4	30
Chlorobenzene	0.897	5.00	5.75	5.00	5.41	97	90	80-120	6	30
Chloroethane	N.D.	5.00	4.75	5.00	4.57	95	91	71-122	4	30
Chloroform	26.16	5.00	32.07	5.00	31.6	118 (2)	109 (2)	80-120	1	30
Chloromethane	N.D.	5.00	4.69	5.00	4.66	94	93	63-121	1	30
2-Chlorotoluene	10.23	5.00	15.74	5.00	15.64	110	108	80-120	1	30
4-Chlorotoluene	N.D.	5.00	4.71	5.00	4.42	94	88	80-120	6	30
1,2-Dibromo-3-chloropropane	N.D.	5.00	7.11	5.00	5.46	142*	109	56-131	26	30
Dibromochloromethane	N.D.	5.00	4.92	5.00	4.58	98	92	68-131	7	30
1,2-Dibromoethane	N.D.	5.00	4.87	5.00	4.66	97	93	80-120	4	30
Dibromomethane	N.D.	5.00	5.02	5.00	4.75	100	95	80-122	6	30
trans-1,4-Dichloro-2-butene	N.D.	25	28.29	25	22.05	113	88	10-182	25	30
1,2-Dichlorobenzene	N.D.	5.00	4.70	5.00	4.42	94	88	80-120	6	30
1,3-Dichlorobenzene	N.D.	5.00	4.66	5.00	4.41	93	88	80-120	6	30
1,4-Dichlorobenzene	N.D.	5.00	4.70	5.00	4.45	94	89	80-120	6	30
Dichlorodifluoromethane	N.D.	5.00	5.21	5.00	5.32	104	106	35-142	2	30
1,1-Dichloroethane	N.D.	5.00	4.68	5.00	4.58	94	92	75-120	2	30
1,2-Dichloroethane	0.109	5.00	5.01	5.00	4.76	98	93	72-127	5	30
1,1-Dichloroethene	N.D.	5.00	4.87	5.00	4.69	97	94	70-120	4	30
cis-1,2-Dichloroethene	14.01	5.00	19.86	5.00	19.66	117	113	80-120	1	30
trans-1,2-Dichloroethene	0.111	5.00	5.10	5.00	4.88	100	95	80-120	4	30
1,2-Dichloropropane	N.D.	5.00	4.88	5.00	4.64	98	93	80-120	5	30
1,3-Dichloropropane	N.D.	5.00	4.73	5.00	4.44	95	89	80-120	6	30
2,2-Dichloropropane	N.D.	5.00	4.95	5.00	4.70	99	94	64-126	5	30
1,1-Dichloropropene	N.D.	5.00	4.77	5.00	4.56	95	91	71-120	4	30
cis-1,3-Dichloropropene	N.D.	5.00	4.76	5.00	4.60	95	92	80-124	3	30
trans-1,3-Dichloropropene	N.D.	5.00	4.82	5.00	4.59	96	92	77-121	5	30
Ethyl t-butyl ether	N.D.	5.00	4.50	5.00	4.40	90	88	67-122	2	30
Ethylbenzene	N.D.	5.00	4.90	5.00	4.63	98	93	80-120	6	30
Hexachlorobutadiene	N.D.	5.00	4.67	5.00	4.49	93	90	69-120	4	30
di-Isopropyl Ether	N.D.	5.00	4.77	5.00	4.68	95	94	66-128	2	30
Isopropylbenzene	N.D.	5.00	5.14	5.00	4.85	103	97	80-120	6	30
p-Isopropyltoluene	N.D.	5.00	4.84	5.00	4.58	97	92	80-120	6	30
Methyl Tertiary Butyl Ether	N.D.	5.00	4.46	5.00	4.40	89	88	74-120	1	30
Methylene Chloride	N.D.	5.00	4.67	5.00	4.56	93	91	80-120	2	30
Naphthalene	0.337	5.00	5.36	5.00	5.20	100	97	58-125	3	30
n-Propylbenzene	N.D.	5.00	4.77	5.00	4.52	95	90	79-120	5	30
Styrene	N.D.	5.00	4.98	5.00	4.71	100	94	80-122	5	30
1,1,1,2-Tetrachloroethane	N.D.	5.00	5.08	5.00	4.73	102	95	72-125	7	30
1,1,2,2-Tetrachloroethane	N.D.	5.00	4.39	5.00	4.15	88	83	80-120	6	30
Tetrachloroethene	9.86	5.00	15.43	5.00	15.1	111	105	80-120	2	30
Toluene	N.D.	5.00	4.77	5.00	4.51	95	90	80-120	6	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
1,2,3-Trichlorobenzene	N.D.	5.00	4.39	5.00	4.27	88	85	59-120	3	30
1,2,4-Trichlorobenzene	N.D.	5.00	4.51	5.00	4.37	90	87	67-120	3	30
1,1,1-Trichloroethane	N.D.	5.00	5.15	5.00	4.89	103	98	70-124	5	30
1,1,2-Trichloroethane	N.D.	5.00	4.67	5.00	4.45	93	89	80-120	5	30
Trichloroethene	1.27	5.00	6.57	5.00	6.32	106	101	80-120	4	30
Trichlorofluoromethane	N.D.	5.00	5.48	5.00	5.10	110	102	64-133	7	30
1,2,3-Trichloropropane	N.D.	5.00	4.69	5.00	4.36	94	87	80-120	7	30
1,2,4-Trimethylbenzene	N.D.	5.00	4.77	5.00	4.49	95	90	80-120	6	30
1,3,5-Trimethylbenzene	N.D.	5.00	4.77	5.00	4.49	95	90	80-120	6	30
Vinyl Chloride	0.103	5.00	5.13	5.00	4.92	100	96	62-128	4	30
Xylene (Total)	N.D.	15	14.7	15	13.9	98	93	80-120	6	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: I160462AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8236521	102	103	98	98
Blank	101	101	98	98
LCS	101	101	98	99
MS	104	113	95	101
MSD	104	113	96	102
Limits:	77-114	74-113	77-110	78-110

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: I160471AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8236520	101	99	98	102
8236522	102	104	98	100
8236523	103	102	98	100
8236524	102	99	98	98
Blank	101	100	97	97
LCS	102	105	97	101
MS	103	101	98	101
MSD	104	103	98	100
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16042A20A

	Trifluorotoluene-F
8236520	90
8236521	90
8236522	90
8236523	90
8236524	90

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/19/2016 11:45

Group Number: 1630139

	Trifluorotoluene-F
Blank	91
LCS	101
LCSD	101
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160430005A

	Orthoterphenyl
8236520	90
8236521	93
8236522	99
8236523	83
8236524	84
Blank	99
LCS	91
LCSD	91
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

MW COC

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1630139 Sample # 8236520-24

Client: Groundwater & Environmental Services, Inc. (GES)

Project Name/#: Carroll Wally's | Site ID #: 0402909 (2015 proj #)

Project Manager: Peter Reichardt | P.O. #: 0402909-06-206

Sampler: Jeff Plummer | PWSID #:

Phone #: 800-220-3606 x3726 | Quote #:

State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD

For Lab Use Only: SF #: ____ SCR #: ____

Preservation Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, P = H_3PO_4, O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Sediment	Potable	Ground	Water	NPDES	Surface	Other:	Total # of Containers	Full Suite VOCs plus Oxys and Naphthalene (8260)	TPH-GRO (8015B)	TPH-DRO (8015B)	Remarks
RW-1	2-8-16	1500	X						X				7	X	X	X	EQEDD file name:
MW-21	↓	1510	↓						↓				↓	↓	↓	↓	Carroll Wally's-lab
MW-22	↓	1520	↓						↓				↓	↓	↓	↓	report #.17962.
MW-3	↓	1530	↓						↓				↓	↓	↓	↓	EQEDD.zip
1608R	2-8-16	1540	X						X				7	X	X	X	

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	2-9-16	1110	Denise Woodring	2-9-16	1110
Denise Woodring	2-9-16	1250	[illegible]	2/9/16	1250
[illegible]	2/9/16	17.15			
			[illegible]	2/9/16	1715

Relinquished by Commercial Carrier:

UPS ____ FedEx ____ Other ____

Temperature upon receipt 1.6 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 135826

Group Number(s): 1630139

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/09/2016 17:15
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Jordan Woods (6698) at 17:35 on 02/09/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.6	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 18, 2016

Project: Carroll Wally's

Submittal Date: 02/11/2016
Group Number: 1630955
PO Number: 0402909-06-206
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-14B Grab Groundwater	8240082
MW-17B Grab Groundwater	8240083
MW-15 Grab Groundwater	8240084

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Sample Description: MW-14B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240082
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 14:00 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY14

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	4.7		0.1	1
02898	Benzene	71-43-2	2.1		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	220		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	0.5	J	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	0.2	J	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	1.9		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	1.9		0.1	1
02898	Isopropylbenzene	98-82-8	0.4	J	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	110		1.0	10
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: **MW-14B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240082
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 14:00 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY14

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	170	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160461AA	02/15/2016 18:10	Alexander M Ametrano	1
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160461AA	02/15/2016 18:31	Alexander M Ametrano	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160461AA	02/15/2016 18:10	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	I160461AA	02/15/2016 18:31	Alexander M Ametrano	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16043B20A	02/17/2016 22:33	Marie D Beamenderfer	1

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Analysis Report

Sample Description: **MW-14B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240082
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 14:00 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY14

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16043B20A	02/17/2016 22:33	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 16:21	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

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Analysis Report

Sample Description: MW-17B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240083
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 15:35 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY17

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	0.5		0.1	1
02898	Benzene	71-43-2	6.7		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	10		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	0.6		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	0.5	J	0.1	1
02898	Isopropylbenzene	98-82-8	0.2	J	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	13		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-17B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240083
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 15:35 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY17

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Styrene	100-42-5	N.D.		0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	1
02898	Toluene	108-88-3	N.D.		0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
02898	Trichloroethene	79-01-6	N.D.		0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	0.2	J	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	1
02898	Xylene (Total)	1330-20-7	0.1	J	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	43	J	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160461AA	02/15/2016 17:26	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160461AA	02/15/2016 17:26	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16043B20A	02/17/2016 23:01	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16043B20A	02/17/2016 23:01	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 16:44	Christine E Dolman	1

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Analysis Report

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Sample Description: **MW-17B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240083
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 15:35 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY17

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Sample Description: **MW-15 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240084
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 16:50 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY15

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.4	J	0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

Sample Description: **MW-15 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240084
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 16:50 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY15

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160461AA	02/15/2016 17:48	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160461AA	02/15/2016 17:48	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16043B20A	02/17/2016 23:28	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16043B20A	02/17/2016 23:28	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160430005A	02/15/2016 17:08	Christine E Dolman	1

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Analysis Report

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Sample Description: **MW-15 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8240084
LL Group # 1630955
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 16:50 by LK

Submitted: 02/11/2016 17:55
Reported: 02/18/2016 22:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY15

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160430005A	02/13/2016 08:00	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 22:26

Group Number: 1630955

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: I160461AA	Sample number(s): 8240082-8240084	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 22:26

Group Number: 1630955

Analysis Name	Result ug/l	MDL ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16043B20A	Sample number(s): 8240082-8240084	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160430005A	Sample number(s): 8240082-8240084	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: I160461AA	Sample number(s): 8240082-8240084								
Acrylonitrile	25	26.39	25	26.12	106	104	68-135	1	30
t-Amyl methyl ether	5.00	4.91	5.00	4.79	98	96	73-120	2	30
Benzene	5.00	4.69	5.00	4.64	94	93	80-120	1	30
Bromobenzene	5.00	4.38	5.00	4.45	88	89	80-120	2	30
Bromochloromethane	5.00	5.02	5.00	4.95	100	99	80-125	2	30
Bromodichloromethane	5.00	5.09	5.00	4.94	102	99	80-120	3	30
Bromoform	5.00	5.28	5.00	5.06	106	101	62-128	4	30
Bromomethane	5.00	3.83	5.00	3.80	77	76	71-126	1	30
t-Butyl Alcohol	50	56.58	50	42.34	113	85	64-146	29	30
n-Butylbenzene	5.00	4.47	5.00	4.37	89	87	80-120	2	30
sec-Butylbenzene	5.00	4.53	5.00	4.53	91	91	80-120	0	30
tert-Butylbenzene	5.00	4.61	5.00	4.56	92	91	80-120	1	30
Carbon Disulfide	5.00	4.83	5.00	4.67	97	93	65-120	3	30
Chlorobenzene	5.00	4.59	5.00	4.48	92	90	80-120	2	30
Chloroethane	5.00	3.83	5.00	3.80	77	76	71-122	1	30
Chloroform	5.00	4.87	5.00	4.75	97	95	80-120	3	30
Chloromethane	5.00	3.33	5.00	3.31	67	66	63-121	0	30
2-Chlorotoluene	5.00	4.38	5.00	4.38	88	88	80-120	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 22:26

Group Number: 1630955

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
4-Chlorotoluene	5.00	4.46	5.00	4.43	89	89	80-120	1	30
1,2-Dibromo-3-chloropropane	5.00	5.43	5.00	5.52	109	110	56-131	2	30
Dibromochloromethane	5.00	5.03	5.00	4.81	101	96	68-131	5	30
1,2-Dibromoethane	5.00	4.92	5.00	4.85	98	97	80-120	1	30
Dibromomethane	5.00	5.02	5.00	4.89	100	98	80-122	3	30
trans-1,4-Dichloro-2-butene	25	25.84	25	24.72	103	99	10-182	4	30
1,2-Dichlorobenzene	5.00	4.37	5.00	4.36	87	87	80-120	0	30
1,3-Dichlorobenzene	5.00	4.40	5.00	4.36	88	87	80-120	1	30
1,4-Dichlorobenzene	5.00	4.40	5.00	4.41	88	88	80-120	0	30
Dichlorodifluoromethane	5.00	2.82	5.00	2.71	56	54	35-142	4	30
1,1-Dichloroethane	5.00	4.63	5.00	4.55	93	91	75-120	2	30
1,2-Dichloroethane	5.00	4.92	5.00	4.65	98	93	72-127	6	30
1,1-Dichloroethene	5.00	4.77	5.00	4.64	95	93	70-120	3	30
cis-1,2-Dichloroethene	5.00	4.81	5.00	4.74	96	95	80-120	1	30
trans-1,2-Dichloroethene	5.00	4.88	5.00	4.83	98	97	80-120	1	30
1,2-Dichloropropane	5.00	4.82	5.00	4.72	96	94	80-120	2	30
1,3-Dichloropropane	5.00	4.68	5.00	4.58	94	92	80-120	2	30
2,2-Dichloropropane	5.00	4.92	5.00	4.74	98	95	64-126	4	30
1,1-Dichloropropene	5.00	4.57	5.00	4.49	91	90	71-120	2	30
cis-1,3-Dichloropropene	5.00	4.99	5.00	4.90	100	98	80-124	2	30
trans-1,3-Dichloropropene	5.00	5.05	5.00	4.92	101	98	77-121	3	30
Ethyl t-butyl ether	5.00	4.85	5.00	4.78	97	96	67-122	2	30
Ethylbenzene	5.00	4.68	5.00	4.51	94	90	80-120	4	30
Hexachlorobutadiene	5.00	4.54	5.00	4.22	91	84	69-120	7	30
di-Isopropyl Ether	5.00	4.95	5.00	4.87	99	97	66-128	2	30
Isopropylbenzene	5.00	4.89	5.00	4.75	98	95	80-120	3	30
p-Isopropyltoluene	5.00	4.51	5.00	4.48	90	90	80-120	1	30
Methyl Tertiary Butyl Ether	5.00	4.93	5.00	4.80	99	96	74-120	3	30
Methylene Chloride	5.00	4.65	5.00	4.61	93	92	80-120	1	30
Naphthalene	5.00	5.01	5.00	4.56	100	91	58-125	9	30
n-Propylbenzene	5.00	4.45	5.00	4.42	89	88	79-120	1	30
Styrene	5.00	4.99	5.00	4.80	100	96	80-122	4	30
1,1,1,2-Tetrachloroethane	5.00	4.87	5.00	4.68	97	94	72-125	4	30
1,1,2,2-Tetrachloroethane	5.00	4.40	5.00	4.33	88	87	80-120	2	30
Tetrachloroethene	5.00	4.67	5.00	4.50	93	90	80-120	4	30
Toluene	5.00	4.56	5.00	4.51	91	90	80-120	1	30
1,2,3-Trichlorobenzene	5.00	4.66	5.00	4.11	93	82	59-120	12	30
1,2,4-Trichlorobenzene	5.00	4.62	5.00	4.20	92	84	67-120	10	30
1,1,1-Trichloroethane	5.00	4.92	5.00	4.79	98	96	70-124	3	30
1,1,2-Trichloroethane	5.00	4.71	5.00	4.53	94	91	80-120	4	30
Trichloroethene	5.00	4.83	5.00	4.75	97	95	80-120	2	30
Trichlorofluoromethane	5.00	4.19	5.00	4.18	84	84	64-133	0	30
1,2,3-Trichloropropane	5.00	4.69	5.00	4.63	94	93	80-120	1	30
1,2,4-Trimethylbenzene	5.00	4.48	5.00	4.45	90	89	80-120	1	30
1,3,5-Trimethylbenzene	5.00	4.50	5.00	4.45	90	89	80-120	1	30
Vinyl Chloride	5.00	3.65	5.00	3.54	73	71	62-128	3	30
Xylene (Total)	15	14.13	15	13.84	94	92	80-120	2	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16043B20A	Sample number(s): 8240082-8240084								
TPH-GRO water C6-C10	1100	1093.76			99		80-120		
	ug/l	ug/l	ug/l	ug/l					

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
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P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 22:26

Group Number: 1630955

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 160430005A	Sample number(s): 8240082-8240084								
DRO C10-C28	2690	2057.77	2660	1998.93	76	75	69-115	3	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 16043B20A	Sample number(s): 8240082-8240084 UNSPK: P240242									
TPH-GRO water C6-C10	2788.97	1100	3676.59	1100	3813.51	81	93	80-120	4	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: I160461AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8240082	101	103	96	102
8240083	101	101	98	100
8240084	104	104	98	99
Blank	101	103	97	100
LCS	103	102	98	103
LCSD	104	101	98	102
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16043B20A

	Trifluorotoluene-F
8240082	89
8240083	85
8240084	84
Blank	80
LCS	99
MS	246*
MSD	222*
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160430005A

	Orthoterphenyl
8240082	100
8240083	100

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 22:26

Group Number: 1630955

	Orthoterphenyl
8240084	99
Blank	99
LCS	91
LCSD	91
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

MW COC

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # 8390 Group # 1630955 Sample # 8240082-84

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909 (2015 proj #)
Project Manager: Peter Reichardt	P.O. #: 0402909-06-206
Sampler: Lindsay Keeney	PWSID #:
Phone #: 800-220-3608 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Matrix: ☐ Soil ☐ Sediment ☐ Potable ☐ NPDES ☐ Ground ☐ Surface ☐ Water ☐ Other:

Analyses Requested / Preservation Codes

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Sediment	Potable	NPDES	Ground	Surface	Water	Other:	Total # of Containers	Full Suite VOCs plus Oxy & Naphthalene (8260)	TPH-GRO (8015B)	TPH-DRO (8015B)	Remarks
MW-14B	2-10-2016	1400	x								x		7	x	x	x	EQEDD file name:
MW-17B	↓	1535	x								x		7	x	x	x	Carroll Wally's-lab
MW-15		1650	x								x		7	x	x	x	report #.17962.
																	EQEDD.zip

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 P = H_3PO_4
O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2-10-16	1900	Denise Wooding	2-11-16	0800
Denise Wooding	2-11-16	10:45	[signature]	2/11/16	10:45
[signature]	2/11/16	17:55			
				2/11/16	1755

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 1.2 °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 7045 0614

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 136108

Group Number(s): 1630955

Client: GES

Carroll Wally's

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/11/2016 17:55
Number of Packages:	1	Number of Projects:	2
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Jordan Woods (6698) at 18:52 on 02/11/2016

Samples Chilled Details: Carroll Wally's

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.2	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 23, 2016

Project: Carroll Wally's

Submittal Date: 02/12/2016
Group Number: 1631396
PO Number: 0402909-06-206
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-1 Grab Groundwater	8242255
MW-2 Grab Groundwater	8242256
MW-5 Grab Groundwater	8242257
MW-7A Grab Groundwater	8242258
MW-14A Grab Groundwater	8242259
MW-16A Grab Groundwater	8242260
MW-18A Grab Groundwater	8242261
MW-23 Grab Groundwater	8242262
MW-24B Grab Groundwater	8242263
MW-25B Grab Groundwater	8242264

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Sample Description: MW-1 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242255
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:30 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY01

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	5.8	J	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	5.3		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-1 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242255
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:30 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY01

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160472AA	02/17/2016 03:44	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160472AA	02/17/2016 03:44	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16047A20A	02/17/2016 23:42	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16047A20A	02/17/2016 23:42	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 15:50	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: MW-2 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242256
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:40 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY02

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	27	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.8	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: **MW-2 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242256
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:40 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY02

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160472AA	02/17/2016 04:06	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160472AA	02/17/2016 04:06	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16047A20A	02/18/2016 00:09	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16047A20A	02/18/2016 00:09	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 16:13	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: MW-5 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242257
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 15:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY05

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		20	20
02898	t-Amyl methyl ether	994-05-8	N.D.		2.0	20
02898	Benzene	71-43-2	18		2.0	20
02898	Bromobenzene	108-86-1	N.D.		2.0	20
02898	Bromochloromethane	74-97-5	N.D.		2.0	20
02898	Bromodichloromethane	75-27-4	N.D.		2.0	20
02898	Bromoform	75-25-2	N.D.		2.0	20
02898	Bromomethane	74-83-9	N.D.		2.0	20
02898	t-Butyl Alcohol	75-65-0	9,300		80	20
02898	n-Butylbenzene	104-51-8	18		2.0	20
02898	sec-Butylbenzene	135-98-8	11		2.0	20
02898	tert-Butylbenzene	98-06-6	N.D.		2.0	20
02898	Carbon Disulfide	75-15-0	N.D.		8.0	20
02898	Chlorobenzene	108-90-7	N.D.		2.0	20
02898	Chloroethane	75-00-3	N.D.		2.0	20
02898	Chloroform	67-66-3	N.D.		2.0	20
02898	Chloromethane	74-87-3	N.D.		4.0	20
02898	2-Chlorotoluene	95-49-8	N.D.		2.0	20
02898	4-Chlorotoluene	106-43-4	N.D.		2.0	20
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		4.0	20
02898	Dibromochloromethane	124-48-1	N.D.		2.0	20
02898	1,2-Dibromoethane	106-93-4	22		2.0	20
02898	Dibromomethane	74-95-3	N.D.		2.0	20
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		20	20
02898	1,2-Dichlorobenzene	95-50-1	N.D.		2.0	20
02898	1,3-Dichlorobenzene	541-73-1	N.D.		2.0	20
02898	1,4-Dichlorobenzene	106-46-7	N.D.		2.0	20
02898	Dichlorodifluoromethane	75-71-8	N.D.		2.0	20
02898	1,1-Dichloroethane	75-34-3	N.D.		2.0	20
02898	1,2-Dichloroethane	107-06-2	3.9	J	2.0	20
02898	1,1-Dichloroethene	75-35-4	N.D.		2.0	20
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		2.0	20
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		2.0	20
02898	1,2-Dichloropropane	78-87-5	N.D.		2.0	20
02898	1,3-Dichloropropane	142-28-9	N.D.		2.0	20
02898	2,2-Dichloropropane	594-20-7	N.D.		2.0	20
02898	1,1-Dichloropropene	563-58-6	N.D.		2.0	20
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.0	20
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.0	20
02898	Ethyl t-butyl ether	637-92-3	N.D.		2.0	20
02898	Ethylbenzene	100-41-4	350		2.0	20
02898	Hexachlorobutadiene	87-68-3	N.D.		2.0	20
02898	di-Isopropyl Ether	108-20-3	N.D.		2.0	20
02898	Isopropylbenzene	98-82-8	57		2.0	20
02898	p-Isopropyltoluene	99-87-6	47		2.0	20
02898	Methyl Tertiary Butyl Ether	1634-04-4	13		2.0	20
02898	Methylene Chloride	75-09-2	N.D.		4.0	20
02898	Naphthalene	91-20-3	200		2.0	20
02898	n-Propylbenzene	103-65-1	100		2.0	20

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Analysis Report

Sample Description: MW-5 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242257
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 15:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY05

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	2.0	20
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	20
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	20
02898	Tetrachloroethene	127-18-4	N.D.	2.0	20
02898	Toluene	108-88-3	500	2.0	20
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	2.0	20
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	2.0	20
02898	1,1,1-Trichloroethane	71-55-6	N.D.	2.0	20
02898	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	20
02898	Trichloroethene	79-01-6	N.D.	2.0	20
02898	Trichlorofluoromethane	75-69-4	N.D.	2.0	20
02898	1,2,3-Trichloropropane	96-18-4	N.D.	6.0	20
02898	1,2,4-Trimethylbenzene	95-63-6	810	20	200
02898	1,3,5-Trimethylbenzene	108-67-8	230	2.0	20
02898	Vinyl Chloride	75-01-4	N.D.	2.0	20
02898	Xylene (Total)	1330-20-7	2,300	20	200
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	15,000	200	10
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	22,000	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160482AA	02/18/2016 01:21	Matthew S Krause	20
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160482AA	02/18/2016 01:44	Matthew S Krause	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160482AA	02/18/2016 01:21	Matthew S Krause	20
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160482AA	02/18/2016 01:44	Matthew S Krause	200
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16047A20A	02/18/2016 03:22	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	1	16047A20A	02/18/2016 03:22	Marie D Beamenderfer	10

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Analysis Report

Sample Description: **MW-5 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242257
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 15:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY05

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 16:36	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: **MW-7A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242258
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:15 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY7A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	1.5	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-7A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242258
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:15 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY7A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 14:56	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 14:56	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16047A20A	02/18/2016 00:37	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16047A20A	02/18/2016 00:37	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 16:59	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: **MW-14A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242259
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

14WLY

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: **MW-14A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242259
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

14WLY

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016	15:18	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016	15:18	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16049A20A	02/22/2016	01:09	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16049A20A	02/22/2016	01:09	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016	17:22	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016	07:50	Maria Davenport	1

Sample Description: MW-16A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242260
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:45 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY16

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		10	10
02898	t-Amyl methyl ether	994-05-8	5.9		1.0	10
02898	Benzene	71-43-2	N.D.		1.0	10
02898	Bromobenzene	108-86-1	N.D.		1.0	10
02898	Bromochloromethane	74-97-5	N.D.		1.0	10
02898	Bromodichloromethane	75-27-4	N.D.		1.0	10
02898	Bromoform	75-25-2	N.D.		1.0	10
02898	Bromomethane	74-83-9	N.D.		1.0	10
02898	t-Butyl Alcohol	75-65-0	85	J	40	10
02898	n-Butylbenzene	104-51-8	N.D.		1.0	10
02898	sec-Butylbenzene	135-98-8	N.D.		1.0	10
02898	tert-Butylbenzene	98-06-6	N.D.		1.0	10
02898	Carbon Disulfide	75-15-0	N.D.		4.0	10
02898	Chlorobenzene	108-90-7	N.D.		1.0	10
02898	Chloroethane	75-00-3	N.D.		1.0	10
02898	Chloroform	67-66-3	N.D.		1.0	10
02898	Chloromethane	74-87-3	N.D.		2.0	10
02898	2-Chlorotoluene	95-49-8	N.D.		1.0	10
02898	4-Chlorotoluene	106-43-4	N.D.		1.0	10
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2.0	10
02898	Dibromochloromethane	124-48-1	N.D.		1.0	10
02898	1,2-Dibromoethane	106-93-4	N.D.		1.0	10
02898	Dibromomethane	74-95-3	N.D.		1.0	10
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		10	10
02898	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	10
02898	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	10
02898	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	10
02898	Dichlorodifluoromethane	75-71-8	N.D.		1.0	10
02898	1,1-Dichloroethane	75-34-3	N.D.		1.0	10
02898	1,2-Dichloroethane	107-06-2	N.D.		1.0	10
02898	1,1-Dichloroethene	75-35-4	N.D.		1.0	10
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		1.0	10
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		1.0	10
02898	1,2-Dichloropropane	78-87-5	N.D.		1.0	10
02898	1,3-Dichloropropane	142-28-9	N.D.		1.0	10
02898	2,2-Dichloropropane	594-20-7	N.D.		1.0	10
02898	1,1-Dichloropropene	563-58-6	N.D.		1.0	10
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	10
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	10
02898	Ethyl t-butyl ether	637-92-3	N.D.		1.0	10
02898	Ethylbenzene	100-41-4	N.D.		1.0	10
02898	Hexachlorobutadiene	87-68-3	N.D.		1.0	10
02898	di-Isopropyl Ether	108-20-3	1.6	J	1.0	10
02898	Isopropylbenzene	98-82-8	N.D.		1.0	10
02898	p-Isopropyltoluene	99-87-6	N.D.		1.0	10
02898	Methyl Tertiary Butyl Ether	1634-04-4	300		10	100
02898	Methylene Chloride	75-09-2	N.D.		2.0	10
02898	Naphthalene	91-20-3	N.D.		1.0	10
02898	n-Propylbenzene	103-65-1	N.D.		1.0	10

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Analysis Report

Sample Description: **MW-16A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242260
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:45 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY16

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	1.0	10
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	10
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	10
02898	Tetrachloroethene	127-18-4	N.D.	1.0	10
02898	Toluene	108-88-3	N.D.	1.0	10
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.0	10
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.0	10
02898	1,1,1-Trichloroethane	71-55-6	N.D.	1.0	10
02898	1,1,2-Trichloroethane	79-00-5	N.D.	1.0	10
02898	Trichloroethene	79-01-6	N.D.	1.0	10
02898	Trichlorofluoromethane	75-69-4	N.D.	1.0	10
02898	1,2,3-Trichloropropane	96-18-4	N.D.	3.0	10
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.0	10
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.0	10
02898	Vinyl Chloride	75-01-4	N.D.	1.0	10
02898	Xylene (Total)	1330-20-7	N.D.	1.0	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	360	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160482AA	02/18/2016 02:06	Matthew S Krause	10
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160482AA	02/18/2016 02:28	Matthew S Krause	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160482AA	02/18/2016 02:06	Matthew S Krause	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160482AA	02/18/2016 02:28	Matthew S Krause	100
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16049A20A	02/22/2016 01:36	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16049A20A	02/22/2016 01:36	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 17:46	Christine E Dolman	1

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Analysis Report

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Sample Description: **MW-16A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242260
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:45 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY16

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: MW-18A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242261
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:30 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY18

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	0.1	J	0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	9.2		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-18A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242261
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 14:30 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY18

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016	15:41	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016	15:41	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16049A20A	02/22/2016	02:04	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16049A20A	02/22/2016	02:04	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016	18:55	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016	07:50	Maria Davenport	1

Sample Description: **MW-23 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242262
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:50 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY23

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-23 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242262
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:50 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY23

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 16:03	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 16:03	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16049A20A	02/22/2016 02:31	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16049A20A	02/22/2016 02:31	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 19:18	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: MW-24B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242263
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY24

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	1.8	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-24B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242263
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY24

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Styrene	100-42-5	N.D.		0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	1
02898	Toluene	108-88-3	N.D.		0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
02898	Trichloroethene	79-01-6	N.D.		0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	1
02898	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	
12858	DRO C10-C28	n.a.	53	J	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016	16:25	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016	16:25	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16049A20A	02/22/2016	02:58	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16049A20A	02/22/2016	02:58	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016	19:41	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016	07:50	Maria Davenport	1

Sample Description: **MW-25B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242264
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:15 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY25

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-25B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8242264
LL Group # 1631396
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:15 by JP

Submitted: 02/12/2016 20:15
Reported: 02/23/2016 10:04

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY25

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	210	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 16:48	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 16:48	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16049A20A	02/22/2016 03:26	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16049A20A	02/22/2016 03:26	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 20:04	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160472AA	Sample number(s): 8242255-8242256	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	Result	MDL
	ug/l	ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: C160481AA	Sample number(s): 8242258-8242259,8242261-8242264	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	Result	MDL
	ug/l	ug/l
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: C160482AA	Sample number(s): 8242257,8242260	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	Result	MDL
	ug/l	ug/l
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16047A20A	Sample number(s): 8242255-8242258	
TPH-GRO water C6-C10	N.D.	20
Batch number: 16049A20A	Sample number(s): 8242259-8242264	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160470003A	Sample number(s): 8242255-8242264	
DRO C10-C28	N.D.	45

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160472AA	Sample number(s): 8242255-8242256								
Acrylonitrile	25	27.06	25	24.36	108	97	68-135	11	30
t-Amyl methyl ether	5.00	5.23	5.00	5.24	105	105	73-120	0	30
Benzene	5.00	4.77	5.00	4.82	95	96	80-120	1	30
Bromobenzene	5.00	5.24	5.00	5.26	105	105	80-120	0	30
Bromochloromethane	5.00	5.27	5.00	5.30	105	106	80-125	1	30
Bromodichloromethane	5.00	5.23	5.00	5.23	105	105	80-120	0	30
Bromoform	5.00	4.45	5.00	4.42	89	88	62-128	1	30
Bromomethane	5.00	5.32	5.00	5.33	106	107	71-126	0	30
t-Butyl Alcohol	50	59.32	50	56.47	119	113	64-146	5	30
n-Butylbenzene	5.00	5.17	5.00	5.12	103	102	80-120	1	30
sec-Butylbenzene	5.00	5.28	5.00	5.27	106	105	80-120	0	30
tert-Butylbenzene	5.00	5.40	5.00	5.40	108	108	80-120	0	30
Carbon Disulfide	5.00	4.77	5.00	4.79	95	96	65-120	1	30
Chlorobenzene	5.00	5.13	5.00	5.12	103	102	80-120	0	30
Chloroethane	5.00	4.95	5.00	5.08	99	102	71-122	3	30
Chloroform	5.00	4.90	5.00	4.91	98	98	80-120	0	30
Chloromethane	5.00	4.51	5.00	4.53	90	91	63-121	1	30
2-Chlorotoluene	5.00	5.30	5.00	5.30	106	106	80-120	0	30
4-Chlorotoluene	5.00	5.40	5.00	5.41	108	108	80-120	0	30
1,2-Dibromo-3-chloropropane	5.00	5.55	5.00	5.28	111	106	56-131	5	30
Dibromochloromethane	5.00	5.41	5.00	5.39	108	108	68-131	0	30
1,2-Dibromoethane	5.00	5.46	5.00	5.51	109	110	80-120	1	30
Dibromomethane	5.00	5.10	5.00	5.19	102	104	80-122	2	30
trans-1,4-Dichloro-2-butene	25	9.63	25	8.86	39	35	10-182	8	30
1,2-Dichlorobenzene	5.00	5.19	5.00	5.25	104	105	80-120	1	30
1,3-Dichlorobenzene	5.00	5.28	5.00	5.32	106	106	80-120	1	30
1,4-Dichlorobenzene	5.00	5.16	5.00	5.18	103	104	80-120	0	30
Dichlorodifluoromethane	5.00	5.35	5.00	5.30	107	106	35-142	1	30
1,1-Dichloroethane	5.00	4.50	5.00	4.51	90	90	75-120	0	30
1,2-Dichloroethane	5.00	4.60	5.00	4.60	92	92	72-127	0	30
1,1-Dichloroethene	5.00	5.02	5.00	5.03	100	101	70-120	0	30
cis-1,2-Dichloroethene	5.00	5.10	5.00	5.14	102	103	80-120	1	30
trans-1,2-Dichloroethene	5.00	5.02	5.00	5.00	100	100	80-120	0	30
1,2-Dichloropropane	5.00	4.82	5.00	4.79	96	96	80-120	1	30
1,3-Dichloropropane	5.00	4.98	5.00	4.97	100	99	80-120	0	30
2,2-Dichloropropane	5.00	5.18	5.00	5.19	104	104	64-126	0	30
1,1-Dichloropropene	5.00	4.51	5.00	4.56	90	91	71-120	1	30
cis-1,3-Dichloropropene	5.00	5.26	5.00	5.28	105	106	80-124	0	30
trans-1,3-Dichloropropene	5.00	4.95	5.00	4.92	99	98	77-121	1	30
Ethyl t-butyl ether	5.00	4.85	5.00	4.90	97	98	67-122	1	30
Ethylbenzene	5.00	5.07	5.00	5.04	101	101	80-120	1	30
Hexachlorobutadiene	5.00	4.53	5.00	4.43	91	89	69-120	2	30
di-Isopropyl Ether	5.00	4.51	5.00	4.57	90	91	66-128	1	30
Isopropylbenzene	5.00	5.26	5.00	5.27	105	105	80-120	0	30
p-Isopropyltoluene	5.00	5.36	5.00	5.39	107	108	80-120	1	30
Methyl Tertiary Butyl Ether	5.00	4.93	5.00	4.96	99	99	74-120	1	30
Methylene Chloride	5.00	4.79	5.00	4.86	96	97	80-120	1	30
Naphthalene	5.00	5.47	5.00	5.45	109	109	58-125	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
n-Propylbenzene	5.00	5.15	5.00	5.13	103	103	79-120	0	30
Styrene	5.00	5.55	5.00	5.57	111	111	80-122	0	30
1,1,1,2-Tetrachloroethane	5.00	5.38	5.00	5.35	108	107	72-125	0	30
1,1,2,2-Tetrachloroethane	5.00	5.35	5.00	5.44	107	109	80-120	2	30
Tetrachloroethene	5.00	5.09	5.00	5.06	102	101	80-120	1	30
Toluene	5.00	4.82	5.00	4.85	96	97	80-120	1	30
1,2,3-Trichlorobenzene	5.00	4.69	5.00	4.66	94	93	59-120	1	30
1,2,4-Trichlorobenzene	5.00	4.98	5.00	4.98	100	100	67-120	0	30
1,1,1-Trichloroethane	5.00	4.95	5.00	5.07	99	101	70-124	2	30
1,1,2-Trichloroethane	5.00	5.23	5.00	5.24	105	105	80-120	0	30
Trichloroethene	5.00	5.11	5.00	5.12	102	102	80-120	0	30
Trichlorofluoromethane	5.00	5.11	5.00	5.11	102	102	64-133	0	30
1,2,3-Trichloropropane	5.00	5.37	5.00	5.19	107	104	80-120	3	30
1,2,4-Trimethylbenzene	5.00	5.39	5.00	5.35	108	107	80-120	1	30
1,3,5-Trimethylbenzene	5.00	5.33	5.00	5.31	107	106	80-120	0	30
Vinyl Chloride	5.00	4.91	5.00	4.86	98	97	62-128	1	30
Xylene (Total)	15	15.53	15	15.52	104	103	80-120	0	30
Batch number: C160481AA	Sample number(s): 8242258-8242259,8242261-8242264								
Acrylonitrile	25	23.59	25	23.45	94	94	68-135	1	30
t-Amyl methyl ether	5.00	5.14	5.00	5.10	103	102	73-120	1	30
Benzene	5.00	4.99	5.00	4.82	100	96	80-120	3	30
Bromobenzene	5.00	5.36	5.00	5.22	107	104	80-120	3	30
Bromochloromethane	5.00	5.40	5.00	4.98	108	100	80-125	8	30
Bromodichloromethane	5.00	5.34	5.00	5.21	107	104	80-120	3	30
Bromoform	5.00	4.41	5.00	4.35	88	87	62-128	1	30
Bromomethane	5.00	5.69	5.00	4.92	114	98	71-126	15	30
t-Butyl Alcohol	50	59.8	50	58.16	120	116	64-146	3	30
n-Butylbenzene	5.00	5.46	5.00	5.18	109	104	80-120	5	30
sec-Butylbenzene	5.00	5.59	5.00	5.30	112	106	80-120	5	30
tert-Butylbenzene	5.00	5.64	5.00	5.39	113	108	80-120	4	30
Carbon Disulfide	5.00	4.96	5.00	4.71	99	94	65-120	5	30
Chlorobenzene	5.00	5.26	5.00	5.11	105	102	80-120	3	30
Chloroethane	5.00	5.25	5.00	4.65	105	93	71-122	12	30
Chloroform	5.00	5.18	5.00	4.97	104	99	80-120	4	30
Chloromethane	5.00	4.73	5.00	4.15	95	83	63-121	13	30
2-Chlorotoluene	5.00	5.53	5.00	5.33	111	107	80-120	4	30
4-Chlorotoluene	5.00	5.55	5.00	5.39	111	108	80-120	3	30
1,2-Dibromo-3-chloropropane	5.00	5.43	5.00	5.06	109	101	56-131	7	30
Dibromochloromethane	5.00	5.39	5.00	5.23	108	105	68-131	3	30
1,2-Dibromoethane	5.00	5.41	5.00	5.41	108	108	80-120	0	30
Dibromomethane	5.00	5.27	5.00	5.23	105	105	80-122	1	30
trans-1,4-Dichloro-2-butene	25	16.09	25	14.66	64	59	10-182	9	30
1,2-Dichlorobenzene	5.00	5.40	5.00	5.23	108	105	80-120	3	30
1,3-Dichlorobenzene	5.00	5.47	5.00	5.25	109	105	80-120	4	30
1,4-Dichlorobenzene	5.00	5.32	5.00	5.13	106	103	80-120	4	30
Dichlorodifluoromethane	5.00	5.67	5.00	4.84	113	97	35-142	16	30
1,1-Dichloroethane	5.00	4.75	5.00	4.56	95	91	75-120	4	30
1,2-Dichloroethane	5.00	4.70	5.00	4.67	94	93	72-127	1	30
1,1-Dichloroethene	5.00	5.36	5.00	5.04	107	101	70-120	6	30
cis-1,2-Dichloroethene	5.00	5.26	5.00	5.08	105	102	80-120	4	30
trans-1,2-Dichloroethene	5.00	5.32	5.00	5.12	106	102	80-120	4	30
1,2-Dichloropropane	5.00	5.00	5.00	4.83	100	97	80-120	3	30
1,3-Dichloropropane	5.00	4.96	5.00	4.93	99	99	80-120	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2,2-Dichloropropane	5.00	5.51	5.00	5.27	110	105	64-126	5	30
1,1-Dichloropropene	5.00	4.89	5.00	4.59	98	92	71-120	6	30
cis-1,3-Dichloropropene	5.00	5.31	5.00	5.18	106	104	80-124	2	30
trans-1,3-Dichloropropene	5.00	4.92	5.00	4.89	98	98	77-121	1	30
Ethyl t-butyl ether	5.00	4.82	5.00	4.73	96	95	67-122	2	30
Ethylbenzene	5.00	5.22	5.00	5.06	104	101	80-120	3	30
Hexachlorobutadiene	5.00	4.77	5.00	4.47	95	89	69-120	6	30
di-Isopropyl Ether	5.00	4.50	5.00	4.44	90	89	66-128	1	30
Isopropylbenzene	5.00	5.43	5.00	5.22	109	104	80-120	4	30
p-Isopropyltoluene	5.00	5.63	5.00	5.41	113	108	80-120	4	30
Methyl Tertiary Butyl Ether	5.00	4.94	5.00	4.92	99	98	74-120	0	30
Methylene Chloride	5.00	4.93	5.00	4.81	99	96	80-120	3	30
Naphthalene	5.00	5.72	5.00	5.58	114	112	58-125	3	30
n-Propylbenzene	5.00	5.38	5.00	5.17	108	103	79-120	4	30
Styrene	5.00	5.63	5.00	5.53	113	111	80-122	2	30
1,1,1,2-Tetrachloroethane	5.00	5.48	5.00	5.33	110	107	72-125	3	30
1,1,2,2-Tetrachloroethane	5.00	5.30	5.00	5.29	106	106	80-120	0	30
Tetrachloroethene	5.00	5.25	5.00	4.95	105	99	80-120	6	30
Toluene	5.00	4.97	5.00	4.81	99	96	80-120	3	30
1,2,3-Trichlorobenzene	5.00	5.02	5.00	4.79	100	96	59-120	5	30
1,2,4-Trichlorobenzene	5.00	5.18	5.00	4.98	104	100	67-120	4	30
1,1,1-Trichloroethane	5.00	5.39	5.00	5.13	108	103	70-124	5	30
1,1,2-Trichloroethane	5.00	5.22	5.00	5.14	104	103	80-120	2	30
Trichloroethene	5.00	5.38	5.00	5.12	108	102	80-120	5	30
Trichlorofluoromethane	5.00	5.58	5.00	4.78	112	96	64-133	15	30
1,2,3-Trichloropropane	5.00	5.37	5.00	5.45	107	109	80-120	1	30
1,2,4-Trimethylbenzene	5.00	5.56	5.00	5.34	111	107	80-120	4	30
1,3,5-Trimethylbenzene	5.00	5.52	5.00	5.33	110	107	80-120	4	30
Vinyl Chloride	5.00	5.15	5.00	4.42	103	88	62-128	15	30
Xylene (Total)	15	16.03	15	15.45	107	103	80-120	4	30
Batch number: C160482AA	Sample number(s): 8242257,8242260								
Acrylonitrile	25	26.02	25	23.2	104	93	68-135	11	30
t-Amyl methyl ether	5.00	4.90	5.00	4.98	98	100	73-120	2	30
Benzene	5.00	4.49	5.00	4.61	90	92	80-120	3	30
Bromobenzene	5.00	5.23	5.00	5.33	105	107	80-120	2	30
Bromochloromethane	5.00	5.36	5.00	5.39	107	108	80-125	1	30
Bromodichloromethane	5.00	5.25	5.00	5.20	105	104	80-120	1	30
Bromoform	5.00	4.52	5.00	4.46	90	89	62-128	1	30
Bromomethane	5.00	5.26	5.00	5.35	105	107	71-126	2	30
t-Butyl Alcohol	50	62.58	50	63.01	125	126	64-146	1	30
n-Butylbenzene	5.00	5.06	5.00	5.14	101	103	80-120	2	30
sec-Butylbenzene	5.00	5.11	5.00	5.23	102	105	80-120	2	30
tert-Butylbenzene	5.00	5.25	5.00	5.33	105	107	80-120	2	30
Carbon Disulfide	5.00	4.36	5.00	4.46	87	89	65-120	2	30
Chlorobenzene	5.00	5.13	5.00	5.12	103	102	80-120	0	30
Chloroethane	5.00	4.89	5.00	4.99	98	100	71-122	2	30
Chloroform	5.00	4.82	5.00	4.88	96	98	80-120	1	30
Chloromethane	5.00	4.22	5.00	4.38	84	88	63-121	4	30
2-Chlorotoluene	5.00	5.23	5.00	5.34	105	107	80-120	2	30
4-Chlorotoluene	5.00	5.32	5.00	5.39	106	108	80-120	1	30
1,2-Dibromo-3-chloropropane	5.00	5.88	5.00	5.57	118	111	56-131	5	30
Dibromochloromethane	5.00	5.40	5.00	5.39	108	108	68-131	0	30
1,2-Dibromoethane	5.00	5.43	5.00	5.43	109	109	80-120	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Dibromomethane	5.00	5.17	5.00	5.23	103	105	80-122	1	30
trans-1,4-Dichloro-2-butene	25	13.05	25	13.71	52	55	10-182	5	30
1,2-Dichlorobenzene	5.00	5.28	5.00	5.37	106	107	80-120	2	30
1,3-Dichlorobenzene	5.00	5.26	5.00	5.38	105	108	80-120	2	30
1,4-Dichlorobenzene	5.00	5.17	5.00	5.28	103	106	80-120	2	30
Dichlorodifluoromethane	5.00	4.86	5.00	5.12	97	102	35-142	5	30
1,1-Dichloroethane	5.00	4.26	5.00	4.33	85	87	75-120	2	30
1,2-Dichloroethane	5.00	4.71	5.00	4.71	94	94	72-127	0	30
1,1-Dichloroethene	5.00	4.65	5.00	4.85	93	97	70-120	4	30
cis-1,2-Dichloroethene	5.00	4.84	5.00	4.93	97	99	80-120	2	30
trans-1,2-Dichloroethene	5.00	4.82	5.00	4.83	96	97	80-120	0	30
1,2-Dichloropropane	5.00	4.59	5.00	4.68	92	94	80-120	2	30
1,3-Dichloropropane	5.00	4.92	5.00	4.93	98	99	80-120	0	30
2,2-Dichloropropane	5.00	5.07	5.00	5.12	101	102	64-126	1	30
1,1-Dichloropropene	5.00	4.33	5.00	4.34	87	87	71-120	0	30
cis-1,3-Dichloropropene	5.00	4.93	5.00	5.05	99	101	80-124	2	30
trans-1,3-Dichloropropene	5.00	4.86	5.00	4.85	97	97	77-121	0	30
Ethyl t-butyl ether	5.00	4.46	5.00	4.58	89	92	67-122	3	30
Ethylbenzene	5.00	4.92	5.00	4.96	98	99	80-120	1	30
Hexachlorobutadiene	5.00	4.40	5.00	4.54	88	91	69-120	3	30
di-Isopropyl Ether	5.00	4.14	5.00	4.20	83	84	66-128	1	30
Isopropylbenzene	5.00	5.15	5.00	5.21	103	104	80-120	1	30
p-Isopropyltoluene	5.00	5.20	5.00	5.38	104	108	80-120	3	30
Methyl Tertiary Butyl Ether	5.00	4.73	5.00	4.73	95	95	74-120	0	30
Methylene Chloride	5.00	4.89	5.00	4.95	98	99	80-120	1	30
Naphthalene	5.00	5.64	5.00	5.79	113	116	58-125	3	30
n-Propylbenzene	5.00	4.98	5.00	5.10	100	102	79-120	2	30
Styrene	5.00	5.51	5.00	5.54	110	111	80-122	1	30
1,1,1,2-Tetrachloroethane	5.00	5.45	5.00	5.44	109	109	72-125	0	30
1,1,2,2-Tetrachloroethane	5.00	5.38	5.00	5.41	108	108	80-120	0	30
Tetrachloroethene	5.00	4.74	5.00	4.76	95	95	80-120	0	30
Toluene	5.00	4.62	5.00	4.67	92	93	80-120	1	30
1,2,3-Trichlorobenzene	5.00	4.82	5.00	4.97	96	99	59-120	3	30
1,2,4-Trichlorobenzene	5.00	5.00	5.00	5.13	100	103	67-120	3	30
1,1,1-Trichloroethane	5.00	4.92	5.00	4.99	98	100	70-124	2	30
1,1,2-Trichloroethane	5.00	5.28	5.00	5.26	106	105	80-120	0	30
Trichloroethene	5.00	4.94	5.00	5.02	99	100	80-120	1	30
Trichlorofluoromethane	5.00	5.23	5.00	5.20	105	104	64-133	0	30
1,2,3-Trichloropropane	5.00	5.53	5.00	5.74	111	115	80-120	4	30
1,2,4-Trimethylbenzene	5.00	5.29	5.00	5.37	106	107	80-120	2	30
1,3,5-Trimethylbenzene	5.00	5.14	5.00	5.28	103	106	80-120	3	30
Vinyl Chloride	5.00	4.62	5.00	4.68	92	94	62-128	1	30
Xylene (Total)	15	15.27	15	15.43	102	103	80-120	1	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16047A20A	Sample number(s): 8242255-8242258								
TPH-GRO water C6-C10	1100	1052.19			96		80-120		
Batch number: 16049A20A	Sample number(s): 8242259-8242264								
TPH-GRO water C6-C10	1100	1067.01	1100	1063.83	97	97	80-120	0	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160470003A	Sample number(s): 8242255-8242264								

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Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
DRO C10-C28	2690	1990.5	2660	2092.91	74	79	69-115	5	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 16047A20A	Sample number(s): 8242255-8242258 UNSPK: P242373									
TPH-GRO water C6-C10	N.D.	1100	1124.91	1100	1147.68	102	104	80-120	2	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160472AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8242255	105	104	94	93
8242256	104	103	93	93
Blank	100	101	95	94
LCS	99	99	97	95
LCSD	100	100	96	95
Limits:	77-114	74-113	77-110	78-110

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8242258	104	103	94	93
8242259	104	103	94	93
8242261	104	102	94	93
8242262	104	102	94	92
8242263	104	104	94	93
8242264	105	104	94	92
Blank	103	104	95	94
LCS	102	101	96	96
LCSD	101	102	96	96
Limits:	77-114	74-113	77-110	78-110

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160482AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8242257	103	103	92	98
8242260	102	102	94	94

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/23/2016 10:04

Group Number: 1631396

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	105	103	94	93
LCS	102	106	96	96
LCSD	103	101	96	96
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16047A20A

	Trifluorotoluene-F
8242255	90
8242256	88
8242257	96
8242258	88
Blank	90
LCS	100
MS	98
MSD	98
Limits:	63-135

Analysis Name: TPH-GRO water C6-C10
Batch number: 16049A20A

	Trifluorotoluene-F
8242259	90
8242260	90
8242261	90
8242262	91
8242263	90
8242264	90
Blank	90
LCS	104
LCSD	99
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160470003A

	Orthoterphenyl
8242255	87
8242256	98
8242257	107
8242258	103
8242259	98
8242260	103
8242261	103
8242262	105
8242263	109
8242264	103
Blank	105
LCS	97
LCSD	98
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

MW COC

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1631396 Sample # 8242255-611

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909 (2015 proj #)
Project Manager: Peter Reichardt	P.O. #: 0402909-06-206
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Matrix: Soil ☐ Sediment ☐ Water ☒ (Potable ☐ Ground ☐ NPDES ☐ Surface ☐) Other:

Analyses Requested / Preservation Codes

For Lab Use Only: SF #: ____ SCR #: ____

Preservation Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, P = H_3PO_4, O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Water	Other:	Total # of Containers	Full Suite VOCs plus Oxy & Naphthalene (8260)	TPH-GRO (8015B)	TPH-DRO (8015B)	Remarks
MW-1	2-1-16	1330	X			X		7	X	X	X	EQEDD file name:
MW-2	↓	1340	↓			↓		↓	↓	↓	↓	Carroll Wally's-lab
MW-5		1500										report #.17962.
MW-7A		1415										EQEDD.zip
MW-14A		1400										
MW-16A		1445										
MW-18A		1430										
MW-23		1350										
MW-24B	↓	1300	↓			↓		↓	↓	↓	↓	
MW-25B	2-1-16	1315	X			X		7	X	X	X	

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	2-1-16	0810	Denise Wooding	2-1-16	0810
Denise Wooding	2-1-16	1505	[illegible]	2/1/16	1505
[illegible]	2/1/16	2015	[illegible]	2/1/16	2015

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt 0.9 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 136340

Group Number(s): 1631396

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/12/2016 20:15
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 20:31 on 02/12/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.9	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 18, 2016

Project: Carroll Wally's

Submittal Date: 02/12/2016
Group Number: 1631397
PO Number: 0402909-06-209
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
1606-RAY-EFF Grab Potable Water	8242265
1606-RAY-MID2 Grab Potable Water	8242266
1606-RAY-INF Grab Potable Water	8242267
1612-RAY-EFF Grab Potable Water	8242268
1612-RAY-MID Grab Potable Water	8242269
1612-RAY-INF Grab Potable Water	8242270

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Analysis Report

Sample Description: 1606-RAY-EFF Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # PW 8242265
LL Group # 1631397
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 10:00 by JP

Submitted: 02/12/2016 20:15
Reported: 02/18/2016 10:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1606E

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160471AA	02/16/2016 16:16	Jason M Long	1

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Analysis Report

Sample Description: 1606-RAY-MID2 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # PW 8242266
LL Group # 1631397
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 10:05 by JP

Submitted: 02/12/2016 20:15
Reported: 02/18/2016 10:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1606M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160471AA	02/16/2016 16:43	Jason M Long	1

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Analysis Report

Sample Description: **1606-RAY-INF Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # PW 8242267
LL Group # 1631397
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 10:10 by JP

Submitted: 02/12/2016 20:15
Reported: 02/18/2016 10:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1606I

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	5.1	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160471AA	02/16/2016 17:10	Jason M Long	1

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Analysis Report

Sample Description: **1612-RAY-EFF Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # PW 8242268
LL Group # 1631397
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 15:15 by JP

Submitted: 02/12/2016 20:15
Reported: 02/18/2016 10:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1612E

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160471AA	02/16/2016 17:37	Jason M Long	1

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Analysis Report

Sample Description: **1612-RAY-MID Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # PW 8242269
LL Group # 1631397
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 15:20 by JP

Submitted: 02/12/2016 20:15
Reported: 02/18/2016 10:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1612M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160471AA	02/16/2016 18:05	Jason M Long	1

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Analysis Report

Sample Description: **1612-RAY-INF Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # PW 8242270
LL Group # 1631397
Account # 08390

Project Name: Carroll Wally's

Collected: 02/10/2016 15:25 by JP

Submitted: 02/12/2016 20:15
Reported: 02/18/2016 10:53

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

1612I

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	2.7	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	1.7		0.1	1
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160471AA	02/16/2016 18:32	Jason M Long	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 10:53

Group Number: 1631397

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	MDL ug/l
Batch number: S160471AA	Sample number(s): 8242265-8242270	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	2.5
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S160471AA	Sample number(s): 8242265-8242270								
t-Amyl Methyl Ether	5.00	5.20			104		70-130		
Benzene	5.00	5.22			104		70-130		
t-Butyl Alcohol	50	57			114		70-130		
Carbon Tetrachloride	5.00	5.19			104		70-130		
Chlorobenzene	5.00	5.37			107		70-130		
1,2-Dichlorobenzene	5.00	5.30			106		70-130		
1,3-Dichlorobenzene	5.00	5.15			103		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/18/2016 10:53

Group Number: 1631397

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,2-Dichloroethane	5.00	5.68			114		70-130		
1,1-Dichloroethene	5.00	5.11			102		70-130		
cis-1,2-Dichloroethene	5.00	5.20			104		70-130		
trans-1,2-Dichloroethene	5.00	5.27			105		70-130		
1,2-Dichloropropane	5.00	5.57			111		70-130		
Ethyl t-Butyl Ether	5.00	5.11			102		70-130		
Ethylbenzene	5.00	5.20			104		70-130		
di-Isopropyl Ether	5.00	5.49			110		70-130		
Methyl Tertiary Butyl Ether	5.00	5.40			108		70-130		
Methylene Chloride	5.00	5.67			113		70-130		
Naphthalene	5.00	4.78			96		70-130		
Styrene	5.00	5.55			111		70-130		
Tetrachloroethene	5.00	5.09			102		70-130		
Toluene	5.00	5.26			105		70-130		
1,2,4-Trichlorobenzene	5.00	4.94			99		70-130		
1,1,1-Trichloroethane	5.00	4.98			100		70-130		
1,1,2-Trichloroethane	5.00	5.37			107		70-130		
Trichloroethene	5.00	4.98			100		70-130		
Vinyl Chloride	2.00	2.04			102		70-130		
Xylene (Total)	15	15.96			106		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: S160471AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8242265	84	82
8242266	85	87
8242267	85	87
8242268	83	85
8242269	84	85
8242270	85	87
Blank	87	87
LCS	102	107
Limits:	80-120	80-120

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Potable COC

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1631397 Sample # 8242265-70

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909 (2015 proj #)
Project Manager: Peter Reichardt	P.O. #: 0402909-06-209
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Matrix: Sediment ☐ Soil ☐ Ground ☐ Surface ☐ Potable ☒ NPDES ☐ Water ☐ Other:

Analyses Requested / Preservation Codes: Full Suite VOCs plus Oxy & Naphthalene (524.2)

For Lab Use Only: SF #: ____ SCR #: ____

Preservation Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, P = H_3PO_4, O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Total # of Containers	Full Suite VOCs plus Oxy & Naphthalene (524.2)	Remarks
1606-RAY-EFF	2-10-16	1000	X		3	X	EQEDD file name:
1606-RAY-MID2	↓	1005	↓		↓	↓	Carroll Wally's-lab
1606-RAY-INF	↓	1010	↓		↓	↓	report #.17962.
1612-RAY-EFF	↓	1515	↓		↓	↓	EQEDD.zip
1612-RAY-MID	↓	1520	↓		↓	↓	
1612-RAY-INF	2-10-16	1525	X		3	X	

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	2-12-16	0800	Denise Woodring	2-12-16	0800
Denise Woodring	2-12-16	1505	[illegible]	2/12/16	1505
[illegible]	2/12/16	2015	[illegible]	2/12/16	2015

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt 0.9 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 136340

Group Number(s): 163197

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/12/2016 20:15
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 20:31 on 02/12/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.9	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

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F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

February 24, 2016

Project: Carroll Wally's

Submittal Date: 02/15/2016
Group Number: 1631639
PO Number: 0402909-06-206
Release Number: Wally's
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-11B Grab Groundwater	8243679
MW-11A Grab Groundwater	8243680
MW-18B Grab Groundwater	8243681
MW-20B Grab Groundwater	8243682
MW-20A Grab Groundwater	8243683
MW-16B Grab Groundwater	8243684

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	GES, Inc.-MD	Attn: Data Distribution
ELECTRONIC COPY TO	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: MW-11B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243679
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 12:25 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW11B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	2.3	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-11B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243679
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 12:25 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW11B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 17:10	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 17:10	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16050A20A	02/22/2016 01:50	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16050A20A	02/22/2016 01:50	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 20:27	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: **MW-11A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243680
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:30 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW11A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.6	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-11A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243680
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 13:30 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW11A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 17:33	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 17:33	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16050A20A	02/22/2016 02:17	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16050A20A	02/22/2016 02:17	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 20:51	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: **MW-18B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243681
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 15:30 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW18B

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	1		0.1	1
02898	Benzene	71-43-2	0.1	J	0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	30		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	0.3	J	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	50		1.0	10
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-18B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243681
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/11/2016 15:30 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW18B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	60	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 17:55	Kerri E Legerlotz	1
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160482AA	02/18/2016 02:51	Matthew S Krause	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 17:55	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160482AA	02/18/2016 02:51	Matthew S Krause	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16050A20A	02/22/2016 02:45	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16050A20A	02/22/2016 02:45	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 21:14	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: **MW-20B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243682
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/12/2016 13:05 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW20B

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.3	J	0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: **MW-20B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243682
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/12/2016 13:05 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW20B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 18:17	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 18:17	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16050A20A	02/22/2016 03:12	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16050A20A	02/22/2016 03:12	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 21:37	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: **MW-20A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243683
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/12/2016 14:05 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW20A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.8	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-20A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243683
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/12/2016 14:05 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW20A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 18:40	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 18:40	Kerri E Legerlotz	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16052A20A	02/23/2016 15:48	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16052A20A	02/23/2016 15:48	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 22:00	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Sample Description: MW-16B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243684
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/12/2016 16:20 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW16B

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	0.9		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	15		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	0.3	J	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	46		1.0	10
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-16B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8243684
LL Group # 1631639
Account # 08390

Project Name: Carroll Wally's

Collected: 02/12/2016 16:20 by LK

Submitted: 02/15/2016 15:55
Reported: 02/24/2016 22:56

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

CW16B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	57	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160481AA	02/17/2016 19:02	Kerri E Legerlotz	1
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160482AA	02/18/2016 03:13	Matthew S Krause	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160481AA	02/17/2016 19:02	Kerri E Legerlotz	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160482AA	02/18/2016 03:13	Matthew S Krause	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16052A20A	02/23/2016 16:16	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16052A20A	02/23/2016 16:16	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160470003A	02/17/2016 22:23	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160470003A	02/17/2016 07:50	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/24/2016 22:56

Group Number: 1631639

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160481AA	Sample number(s): 8243679-8243684	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/24/2016 22:56

Group Number: 1631639

Analysis Name	Result ug/l	MDL ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: C160482AA	Sample number(s): 8243681,8243684	
Methyl Tertiary Butyl Ether	N.D.	0.1
Batch number: 16050A20A	Sample number(s): 8243679-8243682	
TPH-GRO water C6-C10	N.D.	20
Batch number: 16052A20A	Sample number(s): 8243683-8243684	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160470003A	Sample number(s): 8243679-8243684	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160481AA	Sample number(s): 8243679-8243684								
Acrylonitrile	25	23.59	25	23.45	94	94	68-135	1	30
t-Amyl methyl ether	5.00	5.14	5.00	5.10	103	102	73-120	1	30
Benzene	5.00	4.99	5.00	4.82	100	96	80-120	3	30
Bromobenzene	5.00	5.36	5.00	5.22	107	104	80-120	3	30
Bromochloromethane	5.00	5.40	5.00	4.98	108	100	80-125	8	30
Bromodichloromethane	5.00	5.34	5.00	5.21	107	104	80-120	3	30
Bromoform	5.00	4.41	5.00	4.35	88	87	62-128	1	30
Bromomethane	5.00	5.69	5.00	4.92	114	98	71-126	15	30
t-Butyl Alcohol	50	59.8	50	58.16	120	116	64-146	3	30
n-Butylbenzene	5.00	5.46	5.00	5.18	109	104	80-120	5	30
sec-Butylbenzene	5.00	5.59	5.00	5.30	112	106	80-120	5	30
tert-Butylbenzene	5.00	5.64	5.00	5.39	113	108	80-120	4	30
Carbon Disulfide	5.00	4.96	5.00	4.71	99	94	65-120	5	30

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/24/2016 22:56

Group Number: 1631639

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chlorobenzene	5.00	5.26	5.00	5.11	105	102	80-120	3	30
Chloroethane	5.00	5.25	5.00	4.65	105	93	71-122	12	30
Chloroform	5.00	5.18	5.00	4.97	104	99	80-120	4	30
Chloromethane	5.00	4.73	5.00	4.15	95	83	63-121	13	30
2-Chlorotoluene	5.00	5.53	5.00	5.33	111	107	80-120	4	30
4-Chlorotoluene	5.00	5.55	5.00	5.39	111	108	80-120	3	30
1,2-Dibromo-3-chloropropane	5.00	5.43	5.00	5.06	109	101	56-131	7	30
Dibromochloromethane	5.00	5.39	5.00	5.23	108	105	68-131	3	30
1,2-Dibromoethane	5.00	5.41	5.00	5.41	108	108	80-120	0	30
Dibromomethane	5.00	5.27	5.00	5.23	105	105	80-122	1	30
trans-1,4-Dichloro-2-butene	25	16.09	25	14.66	64	59	10-182	9	30
1,2-Dichlorobenzene	5.00	5.40	5.00	5.23	108	105	80-120	3	30
1,3-Dichlorobenzene	5.00	5.47	5.00	5.25	109	105	80-120	4	30
1,4-Dichlorobenzene	5.00	5.32	5.00	5.13	106	103	80-120	4	30
Dichlorodifluoromethane	5.00	5.67	5.00	4.84	113	97	35-142	16	30
1,1-Dichloroethane	5.00	4.75	5.00	4.56	95	91	75-120	4	30
1,2-Dichloroethane	5.00	4.70	5.00	4.67	94	93	72-127	1	30
1,1-Dichloroethene	5.00	5.36	5.00	5.04	107	101	70-120	6	30
cis-1,2-Dichloroethene	5.00	5.26	5.00	5.08	105	102	80-120	4	30
trans-1,2-Dichloroethene	5.00	5.32	5.00	5.12	106	102	80-120	4	30
1,2-Dichloropropane	5.00	5.00	5.00	4.83	100	97	80-120	3	30
1,3-Dichloropropane	5.00	4.96	5.00	4.93	99	99	80-120	0	30
2,2-Dichloropropane	5.00	5.51	5.00	5.27	110	105	64-126	5	30
1,1-Dichloropropene	5.00	4.89	5.00	4.59	98	92	71-120	6	30
cis-1,3-Dichloropropene	5.00	5.31	5.00	5.18	106	104	80-124	2	30
trans-1,3-Dichloropropene	5.00	4.92	5.00	4.89	98	98	77-121	1	30
Ethyl t-butyl ether	5.00	4.82	5.00	4.73	96	95	67-122	2	30
Ethylbenzene	5.00	5.22	5.00	5.06	104	101	80-120	3	30
Hexachlorobutadiene	5.00	4.77	5.00	4.47	95	89	69-120	6	30
di-Isopropyl Ether	5.00	4.50	5.00	4.44	90	89	66-128	1	30
Isopropylbenzene	5.00	5.43	5.00	5.22	109	104	80-120	4	30
p-Isopropyltoluene	5.00	5.63	5.00	5.41	113	108	80-120	4	30
Methyl Tertiary Butyl Ether	5.00	4.94	5.00	4.92	99	98	74-120	0	30
Methylene Chloride	5.00	4.93	5.00	4.81	99	96	80-120	3	30
Naphthalene	5.00	5.72	5.00	5.58	114	112	58-125	3	30
n-Propylbenzene	5.00	5.38	5.00	5.17	108	103	79-120	4	30
Styrene	5.00	5.63	5.00	5.53	113	111	80-122	2	30
1,1,1,2-Tetrachloroethane	5.00	5.48	5.00	5.33	110	107	72-125	3	30
1,1,2,2-Tetrachloroethane	5.00	5.30	5.00	5.29	106	106	80-120	0	30
Tetrachloroethene	5.00	5.25	5.00	4.95	105	99	80-120	6	30
Toluene	5.00	4.97	5.00	4.81	99	96	80-120	3	30
1,2,3-Trichlorobenzene	5.00	5.02	5.00	4.79	100	96	59-120	5	30
1,2,4-Trichlorobenzene	5.00	5.18	5.00	4.98	104	100	67-120	4	30
1,1,1-Trichloroethane	5.00	5.39	5.00	5.13	108	103	70-124	5	30
1,1,2-Trichloroethane	5.00	5.22	5.00	5.14	104	103	80-120	2	30
Trichloroethene	5.00	5.38	5.00	5.12	108	102	80-120	5	30
Trichlorofluoromethane	5.00	5.58	5.00	4.78	112	96	64-133	15	30
1,2,3-Trichloropropane	5.00	5.37	5.00	5.45	107	109	80-120	1	30
1,2,4-Trimethylbenzene	5.00	5.56	5.00	5.34	111	107	80-120	4	30
1,3,5-Trimethylbenzene	5.00	5.52	5.00	5.33	110	107	80-120	4	30
Vinyl Chloride	5.00	5.15	5.00	4.42	103	88	62-128	15	30
Xylene (Total)	15	16.03	15	15.45	107	103	80-120	4	30

Batch number: C160482AA Sample number(s): 8243681,8243684

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/24/2016 22:56

Group Number: 1631639

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methyl Tertiary Butyl Ether	5.00	4.73	5.00	4.73	95	95	74-120	0	30
	ug/l	**ug/l**	**ug/l**	**ug/l**					
Batch number: 16050A20A	Sample number(s): 8243679-8243682								
TPH-GRO water C6-C10	1100	1064.9	1100	1050.37	97	95	80-120	1	30
Batch number: 16052A20A	Sample number(s): 8243683-8243684								
TPH-GRO water C6-C10	1100	988.49	1100	998.72	90	91	80-120	1	30
	ug/l	**ug/l**	**ug/l**	**ug/l**					
Batch number: 160470003A	Sample number(s): 8243679-8243684								
DRO C10-C28	2690	1990.5	2660	2092.91	74	79	69-115	5	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8243679	105	105	94	92
8243680	106	103	93	92
8243681	103	103	94	94
8243682	106	102	94	93
8243683	106	105	93	91
8243684	105	101	93	93
Blank	103	104	95	94
LCS	102	101	96	96
LCSD	101	102	96	96
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16050A20A

	Trifluorotoluene-F
8243679	86
8243680	90
8243681	86
8243682	91
Blank	89
LCS	97
LCSD	93
Limits:	63-135

Analysis Name: TPH-GRO water C6-C10
Batch number: 16052A20A

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 02/24/2016 22:56

Group Number: 1631639

	Trifluorotoluene-F
8243683	90
8243684	90
Blank	90
LCS	102
LCSD	98
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160470003A

	Orthoterphenyl
8243679	106
8243680	105
8243681	104
8243682	112
8243683	106
8243684	104
Blank	105
LCS	97
LCSD	98
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

MW COC

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1631639 Sample # 8243679-84

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402909
Project Manager: Peter Reichardt	P.O. #: 0402909-06-206
Sampler: Lindsay Keeney	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Sediment	Soil	Ground	Surface	Potable	NPDES	Water	Other:	Total # of Containers	Full Suite VOCs plus Oxys and Naphthalene (8260)	TPH-GRO (8015B)	TPH-DRO (8015B)	Remarks
MW-11B	2-11-2016	1225	X				X				X		7	X	X	X	EQEDD file name:
MW-11A	↓	1330	X														Carroll Wally's-lab
MW-18B		1530	X														report #.17962.
MW-20B	2-12-2016	1305	X														EQEDD.zip
MW-20A		1405	X														
MW-16B		1620	X														

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2-12-2016	2000	Denise Woodring	2-15-16	0800
Denise Woodring	2-15-16	1300	[signature]	2/15/16	13:00
[signature]	2/15/16	15:55			

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 1.7°C °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 7045 0614

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Sample Administration Receipt Documentation Log

Doc Log ID: 136445

Group Number(s): ~~83~~ 1631639

Client: GES

2/15/16 (3)

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/15/2016 15:55
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Christine Knoedler (1259) at 16:30 on 02/15/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.7	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

Report Date: March 08, 2016

Project: Carroll Wally's

Submittal Date: 02/25/2016
Group Number: 1634948
PO Number: 0402909-05-220
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
Effluent Grab Potable Water	8259417

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

Electronic Copy To	GES, Inc.-MD	Attn: Data Distribution
Electronic Copy To	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8259417
LL Group # 1634948
Account # 08390

Project Name: Carroll Wally's

Collected: 02/24/2016 12:15 by SA

Submitted: 02/25/2016 19:30
Reported: 03/08/2016 11:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WALEF

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
	A preserved vial was submitted for analysis. However, the pH at the time of analysis was 7.				
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	K160671AA	03/07/2016 12:27	Jason M Long	1

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Analysis Report

Sample Description: **Effluent Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8259417
LL Group # 1634948
Account # 08390

Project Name: Carroll Wally's

Collected: 02/24/2016 12:15 by SA

Submitted: 02/25/2016 19:30
Reported: 03/08/2016 11:26

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WALEF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16058A20A	02/29/2016 01:17	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16058A20A	02/29/2016 01:17	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160570010A	02/29/2016 18:54	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160570010A	02/26/2016 11:00	Wanda F Oswald	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/08/2016 11:26

Group Number: 1634948

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	MDL ug/l
Batch number: K160671AA	Sample number(s): 8259417	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	2.5
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16058A20A	Sample number(s): 8259417	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160570010A	Sample number(s): 8259417	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: K160671AA	Sample number(s): 8259417								
t-Amyl Methyl Ether	5.00	4.42			88		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/08/2016 11:26

Group Number: 1634948

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzene	5.00	4.52			90		70-130		
t-Butyl Alcohol	50	43.63			87		70-130		
Carbon Tetrachloride	5.00	4.79			96		70-130		
Chlorobenzene	5.00	4.71			94		70-130		
1,2-Dichlorobenzene	5.00	5.12			102		70-130		
1,3-Dichlorobenzene	5.00	4.88			98		70-130		
1,2-Dichloroethane	5.00	4.50			90		70-130		
1,1-Dichloroethene	5.00	4.76			95		70-130		
cis-1,2-Dichloroethene	5.00	4.55			91		70-130		
trans-1,2-Dichloroethene	5.00	4.82			96		70-130		
1,2-Dichloropropane	5.00	4.65			93		70-130		
Ethyl t-Butyl Ether	5.00	4.41			88		70-130		
Ethylbenzene	5.00	4.64			93		70-130		
di-Isopropyl Ether	5.00	4.65			93		70-130		
Methyl Tertiary Butyl Ether	5.00	4.65			93		70-130		
Methylene Chloride	5.00	4.56			91		70-130		
Naphthalene	5.00	5.25			105		70-130		
Styrene	5.00	4.80			96		70-130		
Tetrachloroethene	5.00	4.69			94		70-130		
Toluene	5.00	4.64			93		70-130		
1,2,4-Trichlorobenzene	5.00	5.16			103		70-130		
1,1,1-Trichloroethane	5.00	4.69			94		70-130		
1,1,2-Trichloroethane	5.00	4.85			97		70-130		
Trichloroethene	5.00	4.62			92		70-130		
Vinyl Chloride	2.00	1.93			96		70-130		
Xylene (Total)	15	13.9			93		70-130		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16058A20A	Sample number(s): 8259417								
TPH-GRO water C6-C10	1100	932.65			85		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160570010A	Sample number(s): 8259417								
DRO C10-C28	2630	2132.73	2600	2018.7	81	78	69-115	5	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: K160671AA	Sample number(s): 8259417 UNSPK: P261510									
t-Amyl Methyl Ether	N.D.	5.00	4.89	5.00	4.94	98	99	70-130	1	30
Benzene	N.D.	5.00	5.40	5.00	5.45	108	109	70-130	1	30
t-Butyl Alcohol	N.D.	50	54.85	50	56.61	110	113	70-130	3	30
Carbon Tetrachloride	N.D.	5.00	6.05	5.00	6.08	121	122	70-130	0	30
Chlorobenzene	N.D.	5.00	5.64	5.00	5.67	113	113	70-130	1	30
1,2-Dichlorobenzene	N.D.	5.00	6.10	5.00	6.06	122	121	70-130	1	30
1,3-Dichlorobenzene	N.D.	5.00	5.91	5.00	5.83	118	117	70-130	1	30
1,2-Dichloroethane	N.D.	5.00	5.10	5.00	5.18	102	104	70-130	1	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/08/2016 11:26

Group Number: 1634948

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
1,1-Dichloroethene	N.D.	5.00	5.47	5.00	5.74	109	115	70-130	5	30
cis-1,2-Dichloroethene	N.D.	5.00	5.39	5.00	5.39	108	108	70-130	0	30
trans-1,2-Dichloroethene	N.D.	5.00	5.67	5.00	5.61	113	112	70-130	1	30
1,2-Dichloropropane	N.D.	5.00	5.56	5.00	5.49	111	110	70-130	1	30
Ethyl t-Butyl Ether	N.D.	5.00	4.96	5.00	5.00	99	100	70-130	1	30
Ethylbenzene	N.D.	5.00	5.62	5.00	5.63	112	113	70-130	0	30
di-Isopropyl Ether	N.D.	5.00	5.32	5.00	5.43	106	109	70-130	2	30
Methyl Tertiary Butyl Ether	0.176	5.00	5.32	5.00	5.42	103	105	70-130	2	30
Methylene Chloride	N.D.	5.00	5.22	5.00	5.24	104	105	70-130	0	30
Naphthalene	N.D.	5.00	6.03	5.00	5.98	121	120	70-130	1	30
Styrene	N.D.	5.00	5.68	5.00	5.72	114	114	70-130	1	30
Tetrachloroethene	N.D.	5.00	5.81	5.00	5.82	116	116	70-130	0	30
Toluene	N.D.	5.00	5.60	5.00	5.62	112	112	70-130	0	30
1,2,4-Trichlorobenzene	N.D.	5.00	6.14	5.00	6.00	123	120	70-130	2	30
1,1,1-Trichloroethane	N.D.	5.00	5.70	5.00	5.73	114	115	70-130	1	30
1,1,2-Trichloroethane	N.D.	5.00	5.57	5.00	5.61	111	112	70-130	1	30
Trichloroethene	N.D.	5.00	5.61	5.00	5.57	112	111	70-130	1	30
Vinyl Chloride	N.D.	2.00	2.15	2.00	2.36	107	118	70-130	10	30
Xylene (Total)	N.D.	15	16.83	15	16.86	112	112	70-130	0	30
	ug/l	ug/l	ug/l	ug/l	ug/l					
Batch number: 16058A20A	Sample number(s): 8259417 UNSPK: P259533									
TPH-GRO water C6-C10	N.D.	1100	1181.49	1100	1151.85	107	105	80-120	3	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: K160671AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8259417	93	95
Blank	90	93
LCS	108	113
MS	110	117
MSD	108	117
Limits:	80-120	80-120

Analysis Name: TPH-GRO water C6-C10
Batch number: 16058A20A

	Trifluorotoluene-F
8259417	90
Blank	89
LCS	101
MS	102
MSD	99
Limits:	63-135

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/08/2016 11:26

Group Number: 1634948

Analysis Name: TPH-DRO 8015B
Batch number: 160570010A

	Orthoterphenyl
8259417	93
Blank	101
LCS	92
LCSD	89
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1634948 Sample # 8259417

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402994
Project Manager: Peter Reichardt	P.O. #: 0402909-05-220
Sampler: Scott Andriesini	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd., Parkton, MD	

For Lab Use Only
SF #:
SCR #:

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Sediment	Potable	Ground Water	NPDES	Surface	Other:	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
~~EF~~ Effluent	2/24/16	1215	X					X				7	X	X	X	X	EQEDD file name: Carroll Wally's-lab report #.17962. EQEDD.zip VOCS WILL BE ANALYZED BY 524.2 ONLY PER P. REICHARDT. VNR 2/26/16

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2/24/16	1500	Denise Woodring	2-24-16	15:15
Denise Woodring	2-25-16		[signature]	2/25/16	12:07
[signature]	2/25/16	12:30			
			[signature]	2/25/16	1430

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.6 °C

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7045 0614

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Sample Administration Receipt Documentation Log

Doc Log ID: 137536

Group Number(s): 1634948

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	02/25/2016 19:30
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Jordan Woods (6698) at 19:47 on 02/25/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	0.6	DT	Wet	Y	Loose	N

2425 New Holland Pike
Lancaster, PA 17601-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

Report Date: March 22, 2016

Project: Carroll Wally's

Submittal Date: 03/08/2016
Group Number: 1638491
PO Number: 0402994-05-220
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
Effluent Grab Potable Water	8276637
Mid2 Grab Potable Water	8276638
Mid1 Grab Potable Water	8276639
Influent Grab Potable Water	8276640
RW-4 Grab Groundwater	8276641
RW-2 Grab Groundwater	8276642

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

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Electronic Copy To	GES, Inc.-MD	Attn: Data Distribution
Electronic Copy To	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Analysis Report

Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276637
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:30 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLEF

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160711AA	03/11/2016 12:26	Jason M Long	1

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Analysis Report

Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276637
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:30 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLEF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16069A20A	03/11/2016 17:43	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16069A20A	03/11/2016 17:43	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710012A	03/14/2016 12:24	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160710012A	03/12/2016 07:35	Maria Davenport	1

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Analysis Report

Sample Description: Mid2 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276638
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:35 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
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Odenton MD 21113

WLLM2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160711AA	03/11/2016 12:49	Jason M Long	1

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Analysis Report

Sample Description: **Mid2 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276638
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:35 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLM2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16069A20A	03/11/2016 18:38	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16069A20A	03/11/2016 18:38	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710012A	03/14/2016 12:47	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160710012A	03/12/2016 07:35	Maria Davenport	1

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Analysis Report

Sample Description: Mid1 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276639
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:40 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLM1

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	8.1	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	1
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160711AA	03/11/2016 13:13	Jason M Long	1

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Analysis Report

Sample Description: **Mid1 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276639
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:40 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

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Odenton MD 21113

WLLM1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16069A20A	03/11/2016 19:06	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16069A20A	03/11/2016 19:06	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710012A	03/14/2016 13:11	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160710012A	03/12/2016 07:35	Maria Davenport	1

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Analysis Report

Sample Description: Influent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276640
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:45 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLIN

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l		ug/l	
03648	t-Amyl Methyl Ether	994-05-8	2.7		0.1	1
03648	Benzene	71-43-2	N.D.		0.1	1
03648	t-Butyl Alcohol	75-65-0	9.8	J	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.		0.1	1
03648	Chlorobenzene	108-90-7	N.D.		0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.		0.1	1
03648	Ethylbenzene	100-41-4	N.D.		0.1	1
03648	di-Isopropyl Ether	108-20-3	0.9		0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	120		1.0	10
03648	Methylene Chloride	75-09-2	N.D.		0.3	1
03648	Naphthalene	91-20-3	N.D.		0.2	1
03648	Styrene	100-42-5	N.D.		0.1	1
03648	Tetrachloroethene	127-18-4	N.D.		0.1	1
03648	Toluene	108-88-3	N.D.		0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
03648	Trichloroethene	79-01-6	N.D.		0.1	1
03648	Vinyl Chloride	75-01-4	N.D.		0.1	1
03648	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		ug/l		ug/l	
01635	TPH-GRO water C6-C10	n.a.	130		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l		ug/l	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160711AA	03/11/2016 13:37	Jason M Long	1

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Analysis Report

Sample Description: Influent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276640
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:45 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLIN

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	G160741AA	03/14/2016 17:02	Jason M Long	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16069A20A	03/11/2016 19:33	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16069A20A	03/11/2016 19:33	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710012A	03/14/2016 13:34	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160710012A	03/12/2016 07:35	Maria Davenport	1

Sample Description: RW-4 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276641
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:50 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLR4

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	2.5	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	12	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	0.6	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	120	2.0	20
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: **RW-4 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276641
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:50 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLR4

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	140	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160702AA	03/11/2016 04:12	Matthew S Krause	1
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160702AA	03/11/2016 04:34	Matthew S Krause	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160702AA	03/11/2016 04:12	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160702AA	03/11/2016 04:34	Matthew S Krause	20
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16069A20A	03/11/2016 20:01	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16069A20A	03/11/2016 20:01	Marie D Beamenderfer	1

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Analysis Report

Sample Description: **RW-4 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276641
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:50 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLR4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12858	TPH-DRO 8015B	SW-846 8015B	1	160710012A	03/14/2016 13:58	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160710012A	03/12/2016 07:35	Maria Davenport	1

Sample Description: **RW-2 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276642
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:55 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLR2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	9.3	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: RW-2 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8276642
LL Group # 1638491
Account # 08390

Project Name: Carroll Wally's

Collected: 03/04/2016 10:55 by JP

Submitted: 03/08/2016 18:30
Reported: 03/22/2016 12:44

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLLR2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160702AA	03/11/2016 02:20	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160702AA	03/11/2016 02:20	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16069A20A	03/11/2016 20:29	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16069A20A	03/11/2016 20:29	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710012A	03/14/2016 14:22	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160710012A	03/12/2016 07:35	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 12:44

Group Number: 1638491

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160702AA	Sample number(s): 8276641-8276642	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 12:44

Group Number: 1638491

Analysis Name	Result	MDL
	ug/l	ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: G160711AA	Sample number(s): 8276637-8276640	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	5.0
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: G160741AA	Sample number(s): 8276640	
Methyl Tertiary Butyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 12:44

Group Number: 1638491

Analysis Name	Result ug/l	MDL ug/l
Batch number: 16069A20A	Sample number(s): 8276637-8276642	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160710012A	Sample number(s): 8276637-8276642	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160702AA	Sample number(s): 8276641-8276642								
Acrylonitrile	25	25.64	25	25.12	103	100	68-135	2	30
t-Amyl methyl ether	5.00	4.88	5.00	4.91	98	98	73-120	1	30
Benzene	5.00	4.69	5.00	4.75	94	95	80-120	1	30
Bromobenzene	5.00	5.25	5.00	5.28	105	106	80-120	1	30
Bromochloromethane	5.00	5.41	5.00	5.40	108	108	80-125	0	30
Bromodichloromethane	5.00	5.37	5.00	5.45	107	109	80-120	1	30
Bromoform	5.00	4.82	5.00	4.76	96	95	62-128	1	30
Bromomethane	5.00	5.48	5.00	5.51	110	110	71-126	1	30
t-Butyl Alcohol	50	69.36	50	68.25	139	137	64-146	2	30
n-Butylbenzene	5.00	5.09	5.00	5.13	102	103	80-120	1	30
sec-Butylbenzene	5.00	5.09	5.00	5.13	102	103	80-120	1	30
tert-Butylbenzene	5.00	5.47	5.00	5.55	109	111	80-120	1	30
Carbon Disulfide	5.00	4.65	5.00	4.66	93	93	65-120	0	30
Chlorobenzene	5.00	5.28	5.00	5.27	106	105	80-120	0	30
Chloroethane	5.00	5.17	5.00	5.14	103	103	71-122	0	30
Chloroform	5.00	4.92	5.00	4.92	98	98	80-120	0	30
Chloromethane	5.00	4.69	5.00	4.69	94	94	63-121	0	30
2-Chlorotoluene	5.00	5.22	5.00	5.31	104	106	80-120	2	30
4-Chlorotoluene	5.00	5.35	5.00	5.46	107	109	80-120	2	30
1,2-Dibromo-3-chloropropane	5.00	4.87	5.00	4.98	97	100	56-131	2	30
Dibromochloromethane	5.00	5.71	5.00	5.69	114	114	68-131	0	30
1,2-Dibromoethane	5.00	5.56	5.00	5.63	111	113	80-120	1	30
Dibromomethane	5.00	5.54	5.00	5.49	111	110	80-122	1	30
trans-1,4-Dichloro-2-butene	25	20.77	25	20.07	83	80	10-182	3	30
1,2-Dichlorobenzene	5.00	5.27	5.00	5.30	105	106	80-120	1	30
1,3-Dichlorobenzene	5.00	5.25	5.00	5.29	105	106	80-120	1	30
1,4-Dichlorobenzene	5.00	5.17	5.00	5.25	103	105	80-120	1	30
Dichlorodifluoromethane	5.00	5.17	5.00	5.22	103	104	35-142	1	30
1,1-Dichloroethane	5.00	4.35	5.00	4.38	87	88	75-120	1	30
1,2-Dichloroethane	5.00	4.87	5.00	4.89	97	98	72-127	0	30
1,1-Dichloroethene	5.00	4.95	5.00	4.90	99	98	70-120	1	30
cis-1,2-Dichloroethene	5.00	4.88	5.00	4.97	98	99	80-120	2	30
trans-1,2-Dichloroethene	5.00	4.87	5.00	4.89	97	98	80-120	0	30
1,2-Dichloropropane	5.00	4.77	5.00	4.80	95	96	80-120	1	30
1,3-Dichloropropane	5.00	5.12	5.00	5.08	102	102	80-120	1	30
2,2-Dichloropropane	5.00	5.13	5.00	5.19	103	104	64-126	1	30
1,1-Dichloropropene	5.00	4.27	5.00	4.33	85	87	71-120	1	30
cis-1,3-Dichloropropene	5.00	5.21	5.00	5.24	104	105	80-124	1	30
trans-1,3-Dichloropropene	5.00	5.09	5.00	5.12	102	102	77-121	1	30
Ethyl t-butyl ether	5.00	4.29	5.00	4.35	86	87	67-122	1	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 12:44

Group Number: 1638491

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	5.00	4.94	5.00	5.03	99	101	80-120	2	30
Hexachlorobutadiene	5.00	4.29	5.00	4.23	86	85	69-120	1	30
di-Isopropyl Ether	5.00	3.99	5.00	4.05	80	81	66-128	1	30
Isopropylbenzene	5.00	5.02	5.00	5.07	100	101	80-120	1	30
p-Isopropyltoluene	5.00	5.17	5.00	5.22	103	104	80-120	1	30
Methyl Tertiary Butyl Ether	5.00	4.69	5.00	4.70	94	94	74-120	0	30
Methylene Chloride	5.00	4.69	5.00	4.78	94	96	80-120	2	30
Naphthalene	5.00	5.37	5.00	5.33	107	107	58-125	1	30
n-Propylbenzene	5.00	5.04	5.00	5.07	101	101	79-120	0	30
Styrene	5.00	5.50	5.00	5.55	110	111	80-122	1	30
1,1,1,2-Tetrachloroethane	5.00	5.51	5.00	5.51	110	110	72-125	0	30
1,1,2,2-Tetrachloroethane	5.00	5.48	5.00	5.46	110	109	80-120	0	30
Tetrachloroethene	5.00	4.74	5.00	4.77	95	95	80-120	1	30
Toluene	5.00	4.77	5.00	4.81	95	96	80-120	1	30
1,2,3-Trichlorobenzene	5.00	4.71	5.00	4.67	94	93	59-120	1	30
1,2,4-Trichlorobenzene	5.00	4.64	5.00	4.63	93	93	67-120	0	30
1,1,1-Trichloroethane	5.00	4.84	5.00	4.90	97	98	70-124	1	30
1,1,2-Trichloroethane	5.00	5.47	5.00	5.44	109	109	80-120	1	30
Trichloroethene	5.00	4.91	5.00	5.04	98	101	80-120	3	30
Trichlorofluoromethane	5.00	5.30	5.00	5.28	106	106	64-133	0	30
1,2,3-Trichloropropane	5.00	5.80	5.00	5.75	116	115	80-120	1	30
1,2,4-Trimethylbenzene	5.00	5.25	5.00	5.28	105	106	80-120	1	30
1,3,5-Trimethylbenzene	5.00	5.12	5.00	5.19	102	104	80-120	1	30
Vinyl Chloride	5.00	4.99	5.00	4.98	100	100	62-128	0	30
Xylene (Total)	15	15.24	15	15.48	102	103	80-120	2	30
Batch number: G160711AA	Sample number(s): 8276637-8276640								
t-Amyl Methyl Ether	5.00	4.40			88		70-130		
Benzene	5.00	4.84			97		70-130		
t-Butyl Alcohol	50	60.33			121		70-130		
Carbon Tetrachloride	5.00	4.07			81		70-130		
Chlorobenzene	5.00	4.88			98		70-130		
1,2-Dichlorobenzene	5.00	4.55			91		70-130		
1,3-Dichlorobenzene	5.00	4.55			91		70-130		
1,2-Dichloroethane	5.00	4.47			89		70-130		
1,1-Dichloroethene	5.00	4.33			87		70-130		
cis-1,2-Dichloroethene	5.00	4.43			89		70-130		
trans-1,2-Dichloroethene	5.00	4.58			92		70-130		
1,2-Dichloropropane	5.00	4.89			98		70-130		
Ethyl t-Butyl Ether	5.00	4.17			83		70-130		
Ethylbenzene	5.00	4.79			96		70-130		
di-Isopropyl Ether	5.00	4.60			92		70-130		
Methyl Tertiary Butyl Ether	5.00	4.50			90		70-130		
Methylene Chloride	5.00	4.45			89		70-130		
Naphthalene	5.00	4.67			93		70-130		
Styrene	5.00	4.94			99		70-130		
Tetrachloroethene	5.00	4.23			85		70-130		
Toluene	5.00	5.00			100		70-130		
1,2,4-Trichlorobenzene	5.00	4.21			84		70-130		
1,1,1-Trichloroethane	5.00	4.32			86		70-130		
1,1,2-Trichloroethane	5.00	5.01			100		70-130		
Trichloroethene	5.00	4.83			97		70-130		
Vinyl Chloride	2.00	1.69			85		70-130		
Xylene (Total)	15	14.5			97		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 12:44

Group Number: 1638491

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: G160741AA	Sample number(s): 8276640								
Methyl Tertiary Butyl Ether	5.00	4.92			98		70-130		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16069A20A	Sample number(s): 8276637-8276642								
TPH-GRO water C6-C10	1100	1002.2	1100	1005.92	91	91	80-120	0	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160710012A	Sample number(s): 8276637-8276642								
DRO C10-C28	2690	1858.89	2690	1920.45	69	71	69-115	3	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160702AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8276641	105	104	92	87
8276642	108	108	92	86
Blank	103	106	93	88
LCS	101	107	96	95
LCSD	100	103	96	94
Limits:	77-114	74-113	77-110	78-110

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: G160711AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8276637	86	90
8276638	82	90
8276639	83	90
8276640	82	89
Blank	84	89
LCS	89	92
Limits:	80-120	80-120

Analysis Name: TPH-GRO water C6-C10
Batch number: 16069A20A

	Trifluorotoluene-F
8276637	89
8276638	88
8276639	88
8276640	90
8276641	88
8276642	88
Blank	90

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 12:44

Group Number: 1638491

	Trifluorotoluene-F
LCS	100
LCSD	98
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160710012A

	Orthoterphenyl
8276637	90
8276638	95
8276639	97
8276640	96
8276641	101
8276642	95
Blank	93
LCS	92
LCSD	83
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

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Acct. # 8390 Group # 1638491 Sample # 8276637-42

Client: Groundwater & Environmental Services, Inc. (GES)
Project Name/#: Carroll Wally's | Site ID #: 0402995
Project Manager: Peter Reichardt | P.O. #: ~~0402909~~-05-220
Sampler: Jeff Plummer | PWSID #: 0402994-
Phone #: 800-220-3606 x3726 | Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD

For Lab Use Only
SF #:
SCR #:

Preservation Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, P = H_3PO_4, O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / Ground / NPDES / Surface)	Matrix: Other:	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
Effluent	3-4-16	1030	X			X		7	X		X	X	EQEDD file name:
Mid2		1035											Carroll Wally's-lab
Mid1		1040											report #.17962.
Influent		1045							X				EQEDD.zip
RW-4		1050								X			
RW-2	3-4-16	1055	X			X		7		X	X	X	

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:
Rush results requested by (please check): E-Mail ☑ Phone ☐
E-mail Address: mdlabs@gesonline.com & ges@equisonline.com
Phone:

Data Package Options (please check if required)
Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	3-4-16	1230	Denise Wooding	3-4-16	13:15
Denise Wooding	3/8/16	1115	[illegible]	3/8/16	1115
[illegible]	3/8/16	1830			

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.9 °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 7045 0614

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 138746

Group Number(s): 1C38491

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	03/08/2016 18:30
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 20:00 on 03/08/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.9	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

Report Date: March 22, 2016

Project: Carroll Wally's

Submittal Date: 03/10/2016
Group Number: 1639427
PO Number: 0402994-06-206
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-10B Grab Groundwater	8280576
MW-7B Grab Groundwater	8280577
MW-19A Grab Groundwater	8280578
MW-19B Grab Groundwater	8280579

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

Electronic Copy To	GES, Inc.-MD	Attn: Data Distribution
Electronic Copy To	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: MW-10B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280576
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 12:35 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL10B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.8	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-10B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280576
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 12:35 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL10B

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Styrene	100-42-5	N.D.		0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	1
02898	Toluene	108-88-3	N.D.		0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
02898	Trichloroethene	79-01-6	N.D.		0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	1
02898	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	
12858	DRO C10-C28	n.a.	84	J	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160761AA	03/16/2016 19:17	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160761AA	03/16/2016 19:17	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16075B20A	03/16/2016 19:47	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16075B20A	03/16/2016 19:47	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710011A	03/15/2016 00:58	Christine E Dolman	1

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Analysis Report

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Sample Description: **MW-10B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280576
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 12:35 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL10B

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160710011A	03/12/2016 07:35	Maria Davenport	1

Sample Description: MW-7B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280577
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 14:40 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY7B

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		5.0	5
02898	t-Amyl methyl ether	994-05-8	2.5		0.5	5
02898	Benzene	71-43-2	1.0	J	0.5	5
02898	Bromobenzene	108-86-1	N.D.		0.5	5
02898	Bromochloromethane	74-97-5	N.D.		0.5	5
02898	Bromodichloromethane	75-27-4	N.D.		0.5	5
02898	Bromoform	75-25-2	N.D.		0.5	5
02898	Bromomethane	74-83-9	N.D.		0.5	5
02898	t-Butyl Alcohol	75-65-0	120		20	5
02898	n-Butylbenzene	104-51-8	N.D.		0.5	5
02898	sec-Butylbenzene	135-98-8	N.D.		0.5	5
02898	tert-Butylbenzene	98-06-6	N.D.		0.5	5
02898	Carbon Disulfide	75-15-0	N.D.		2.0	5
02898	Chlorobenzene	108-90-7	N.D.		0.5	5
02898	Chloroethane	75-00-3	N.D.		0.5	5
02898	Chloroform	67-66-3	N.D.		0.5	5
02898	Chloromethane	74-87-3	N.D.		1.0	5
02898	2-Chlorotoluene	95-49-8	N.D.		0.5	5
02898	4-Chlorotoluene	106-43-4	N.D.		0.5	5
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		1.0	5
02898	Dibromochloromethane	124-48-1	N.D.		0.5	5
02898	1,2-Dibromoethane	106-93-4	N.D.		0.5	5
02898	Dibromomethane	74-95-3	N.D.		0.5	5
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		5.0	5
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.5	5
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.5	5
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.5	5
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.5	5
02898	1,1-Dichloroethane	75-34-3	N.D.		0.5	5
02898	1,2-Dichloroethane	107-06-2	N.D.		0.5	5
02898	1,1-Dichloroethene	75-35-4	N.D.		0.5	5
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.5	5
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.5	5
02898	1,2-Dichloropropane	78-87-5	N.D.		0.5	5
02898	1,3-Dichloropropane	142-28-9	N.D.		0.5	5
02898	2,2-Dichloropropane	594-20-7	N.D.		0.5	5
02898	1,1-Dichloropropene	563-58-6	N.D.		0.5	5
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.5	5
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.5	5
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.5	5
02898	Ethylbenzene	100-41-4	N.D.		0.5	5
02898	Hexachlorobutadiene	87-68-3	N.D.		0.5	5
02898	di-Isopropyl Ether	108-20-3	N.D.		0.5	5
02898	Isopropylbenzene	98-82-8	N.D.		0.5	5
02898	p-Isopropyltoluene	99-87-6	N.D.		0.5	5
02898	Methyl Tertiary Butyl Ether	1634-04-4	160		5.0	50
02898	Methylene Chloride	75-09-2	N.D.		1.0	5
02898	Naphthalene	91-20-3	N.D.		0.5	5
02898	n-Propylbenzene	103-65-1	N.D.		0.5	5

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Analysis Report

Sample Description: MW-7B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280577
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 14:40 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY7B

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Styrene	100-42-5	N.D.		0.5	5
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.5	5
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.5	5
02898	Tetrachloroethene	127-18-4	N.D.		0.5	5
02898	Toluene	108-88-3	N.D.		0.5	5
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.5	5
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.5	5
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.5	5
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.5	5
02898	Trichloroethene	79-01-6	N.D.		0.5	5
02898	Trichlorofluoromethane	75-69-4	N.D.		0.5	5
02898	1,2,3-Trichloropropane	96-18-4	N.D.		1.5	5
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.5	5
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.5	5
02898	Vinyl Chloride	75-01-4	N.D.		0.5	5
02898	Xylene (Total)	1330-20-7	N.D.		0.5	5
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	210		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	
12858	DRO C10-C28	n.a.	70	J	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160763AA	03/17/2016	06:40	Matthew S Krause	5
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160763AA	03/17/2016	07:03	Matthew S Krause	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160763AA	03/17/2016	06:40	Matthew S Krause	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C160763AA	03/17/2016	07:03	Matthew S Krause	50
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16075B20A	03/16/2016	20:14	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16075B20A	03/16/2016	20:14	Marie D Beamenderfer	1

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Analysis Report

Sample Description: **MW-7B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280577
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 14:40 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY7B

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12858	TPH-DRO 8015B	SW-846 8015B	1	160710011A	03/15/2016 01:21	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160710011A	03/12/2016 07:35	Maria Davenport	1

Sample Description: **MW-19A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280578
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 16:05 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL19A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: **MW-19A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280578
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 16:05 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL19A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160761AA	03/16/2016 18:55	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160761AA	03/16/2016 18:55	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16075B20A	03/16/2016 20:42	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16075B20A	03/16/2016 20:42	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710011A	03/15/2016 01:44	Christine E Dolman	1

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Analysis Report

Sample Description: **MW-19A Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280578
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 16:05 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL19A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160710011A	03/12/2016 07:35	Maria Davenport	1

Sample Description: **MW-19B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280579
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 17:40 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL19B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: MW-19B Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280579
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 17:40 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL19B

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	C160761AA	03/16/2016 19:39	Alexander M Ametrano	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C160761AA	03/16/2016 19:39	Alexander M Ametrano	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16075B20A	03/16/2016 21:13	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	16075B20A	03/16/2016 21:13	Marie D Beamenderfer	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160710011A	03/15/2016 02:08	Christine E Dolman	1

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Analysis Report

Sample Description: **MW-19B Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8280579
LL Group # 1639427
Account # 08390

Project Name: Carroll Wally's

Collected: 03/09/2016 17:40 by LK

Submitted: 03/10/2016 15:30
Reported: 03/22/2016 19:57

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL19B

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12059	Microextraction - DRO (waters)	SW-846 3511	1	160710011A	03/12/2016 07:35	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: C160761AA	Sample number(s): 8280576,8280578-8280579	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Analysis Name	Result	MDL
	ug/l	ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: C160763AA	Sample number(s): 8280577	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Analysis Name	Result ug/l	MDL ug/l
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16075B20A	Sample number(s): 8280576-8280579	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160710011A	Sample number(s): 8280576-8280579	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C160761AA	Sample number(s): 8280576,8280578-8280579								
Acrylonitrile	25	23.6	25	22.64	94	91	68-135	4	30
t-Amyl methyl ether	5.00	4.38	5.00	4.47	88	89	73-120	2	30
Benzene	5.00	4.46	5.00	4.48	89	90	80-120	0	30
Bromobenzene	5.00	4.86	5.00	4.83	97	97	80-120	1	30
Bromochloromethane	5.00	5.22	5.00	5.22	104	104	80-125	0	30
Bromodichloromethane	5.00	5.06	5.00	5.02	101	100	80-120	1	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	5.00	4.47	5.00	4.33	89	87	62-128	3	30
Bromomethane	5.00	4.95	5.00	4.93	99	99	71-126	1	30
t-Butyl Alcohol	50	62.95	50	60.8	126	122	64-146	3	30
n-Butylbenzene	5.00	4.89	5.00	4.86	98	97	80-120	1	30
sec-Butylbenzene	5.00	4.83	5.00	4.81	97	96	80-120	0	30
tert-Butylbenzene	5.00	4.77	5.00	4.76	95	95	80-120	0	30
Carbon Disulfide	5.00	4.46	5.00	4.44	89	89	65-120	1	30
Chlorobenzene	5.00	4.94	5.00	4.87	99	97	80-120	1	30
Chloroethane	5.00	4.75	5.00	4.80	95	96	71-122	1	30
Chloroform	5.00	4.67	5.00	4.63	93	93	80-120	1	30
Chloromethane	5.00	3.92	5.00	3.99	78	80	63-121	2	30
2-Chlorotoluene	5.00	4.86	5.00	4.87	97	97	80-120	0	30
4-Chlorotoluene	5.00	5.14	5.00	5.03	103	101	80-120	2	30
1,2-Dibromo-3-chloropropane	5.00	4.48	5.00	4.24	90	85	56-131	6	30
Dibromochloromethane	5.00	5.24	5.00	5.18	105	104	68-131	1	30
1,2-Dibromoethane	5.00	5.11	5.00	5.11	102	102	80-120	0	30
Dibromomethane	5.00	5.08	5.00	5.04	102	101	80-122	1	30
trans-1,4-Dichloro-2-butene	25	17.44	25	16.3	70	65	10-182	7	30
1,2-Dichlorobenzene	5.00	4.92	5.00	4.86	98	97	80-120	1	30
1,3-Dichlorobenzene	5.00	4.89	5.00	4.92	98	98	80-120	1	30
1,4-Dichlorobenzene	5.00	4.87	5.00	4.83	97	97	80-120	1	30
Dichlorodifluoromethane	5.00	3.73	5.00	3.65	75	73	35-142	2	30
1,1-Dichloroethane	5.00	4.04	5.00	4.10	81	82	75-120	1	30
1,2-Dichloroethane	5.00	4.63	5.00	4.60	93	92	72-127	1	30
1,1-Dichloroethene	5.00	4.62	5.00	4.52	92	90	70-120	2	30
cis-1,2-Dichloroethene	5.00	4.66	5.00	4.66	93	93	80-120	0	30
trans-1,2-Dichloroethene	5.00	4.60	5.00	4.64	92	93	80-120	1	30
1,2-Dichloropropane	5.00	4.54	5.00	4.53	91	91	80-120	0	30
1,3-Dichloropropane	5.00	4.62	5.00	4.67	92	93	80-120	1	30
2,2-Dichloropropane	5.00	4.92	5.00	4.85	98	97	64-126	1	30
1,1-Dichloropropene	5.00	4.03	5.00	4.06	81	81	71-120	1	30
cis-1,3-Dichloropropene	5.00	4.68	5.00	4.73	94	95	80-124	1	30
trans-1,3-Dichloropropene	5.00	4.60	5.00	4.65	92	93	77-121	1	30
Ethyl t-butyl ether	5.00	3.83	5.00	4.02	77	80	67-122	5	30
Ethylbenzene	5.00	4.69	5.00	4.64	94	93	80-120	1	30
Hexachlorobutadiene	5.00	3.95	5.00	3.92	79	78	69-120	1	30
di-Isopropyl Ether	5.00	3.60	5.00	3.74	72	75	66-128	4	30
Isopropylbenzene	5.00	4.69	5.00	4.67	94	93	80-120	0	30
p-Isopropyltoluene	5.00	4.89	5.00	4.87	98	97	80-120	1	30
Methyl Tertiary Butyl Ether	5.00	4.25	5.00	4.37	85	87	74-120	3	30
Methylene Chloride	5.00	4.48	5.00	4.44	90	89	80-120	1	30
Naphthalene	5.00	4.72	5.00	4.83	94	97	58-125	2	30
n-Propylbenzene	5.00	4.77	5.00	4.81	95	96	79-120	1	30
Styrene	5.00	5.15	5.00	5.13	103	103	80-122	0	30
1,1,1,2-Tetrachloroethane	5.00	5.04	5.00	4.97	101	99	72-125	2	30
1,1,2,2-Tetrachloroethane	5.00	5.12	5.00	5.08	102	102	80-120	1	30
Tetrachloroethene	5.00	4.43	5.00	4.35	89	87	80-120	2	30
Toluene	5.00	4.48	5.00	4.49	90	90	80-120	0	30
1,2,3-Trichlorobenzene	5.00	4.25	5.00	4.27	85	85	59-120	0	30
1,2,4-Trichlorobenzene	5.00	4.16	5.00	4.22	83	84	67-120	1	30
1,1,1-Trichloroethane	5.00	4.62	5.00	4.56	92	91	70-124	1	30
1,1,2-Trichloroethane	5.00	5.12	5.00	4.99	102	100	80-120	2	30
Trichloroethene	5.00	4.72	5.00	4.71	94	94	80-120	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	5.00	4.60	5.00	4.55	92	91	64-133	1	30
1,2,3-Trichloropropane	5.00	5.16	5.00	5.27	103	105	80-120	2	30
1,2,4-Trimethylbenzene	5.00	4.98	5.00	4.97	100	99	80-120	0	30
1,3,5-Trimethylbenzene	5.00	4.85	5.00	4.87	97	97	80-120	0	30
Vinyl Chloride	5.00	4.26	5.00	4.28	85	86	62-128	1	30
Xylene (Total)	15	14.49	15	14.26	97	95	80-120	2	30
Batch number: C160763AA	Sample number(s): 8280577								
Acrylonitrile	25	24.18			97		68-135		
t-Amyl methyl ether	5.00	4.53			91		73-120		
Benzene	5.00	4.56			91		80-120		
Bromobenzene	5.00	5.09			102		80-120		
Bromochloromethane	5.00	5.17			103		80-125		
Bromodichloromethane	5.00	5.08			102		80-120		
Bromoform	5.00	4.60			92		62-128		
Bromomethane	5.00	5.03			101		71-126		
t-Butyl Alcohol	50	68.13			136		64-146		
n-Butylbenzene	5.00	5.16			103		80-120		
sec-Butylbenzene	5.00	5.11			102		80-120		
tert-Butylbenzene	5.00	5.47			109		80-120		
Carbon Disulfide	5.00	4.35			87		65-120		
Chlorobenzene	5.00	5.09			102		80-120		
Chloroethane	5.00	4.93			99		71-122		
Chloroform	5.00	4.66			93		80-120		
Chloromethane	5.00	4.08			82		63-121		
2-Chlorotoluene	5.00	5.08			102		80-120		
4-Chlorotoluene	5.00	5.29			106		80-120		
1,2-Dibromo-3-chloropropane	5.00	4.72			94		56-131		
Dibromochloromethane	5.00	5.43			109		68-131		
1,2-Dibromoethane	5.00	5.29			106		80-120		
Dibromomethane	5.00	5.13			103		80-122		
trans-1,4-Dichloro-2-butene	25	16.11			64		10-182		
1,2-Dichlorobenzene	5.00	5.13			103		80-120		
1,3-Dichlorobenzene	5.00	5.14			103		80-120		
1,4-Dichlorobenzene	5.00	5.12			102		80-120		
Dichlorodifluoromethane	5.00	3.81			76		35-142		
1,1-Dichloroethane	5.00	4.16			83		75-120		
1,2-Dichloroethane	5.00	4.51			90		72-127		
1,1-Dichloroethene	5.00	4.63			93		70-120		
cis-1,2-Dichloroethene	5.00	4.65			93		80-120		
trans-1,2-Dichloroethene	5.00	4.61			92		80-120		
1,2-Dichloropropane	5.00	4.61			92		80-120		
1,3-Dichloropropane	5.00	4.82			96		80-120		
2,2-Dichloropropane	5.00	4.98			100		64-126		
1,1-Dichloropropene	5.00	4.13			83		71-120		
cis-1,3-Dichloropropene	5.00	4.85			97		80-124		
trans-1,3-Dichloropropene	5.00	4.83			97		77-121		
Ethyl t-butyl ether	5.00	4.05			81		67-122		
Ethylbenzene	5.00	4.86			97		80-120		
Hexachlorobutadiene	5.00	4.22			84		69-120		
di-Isopropyl Ether	5.00	3.82			76		66-128		
Isopropylbenzene	5.00	4.89			98		80-120		
p-Isopropyltoluene	5.00	5.13			103		80-120		
Methyl Tertiary Butyl Ether	5.00	4.42			88		74-120		

*- Outside of specification
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Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methylene Chloride	5.00	4.47			89		80-120		
Naphthalene	5.00	5.27			105		58-125		
n-Propylbenzene	5.00	5.07			101		79-120		
Styrene	5.00	5.37			107		80-122		
1,1,1,2-Tetrachloroethane	5.00	5.16			103		72-125		
1,1,2,2-Tetrachloroethane	5.00	5.47			109		80-120		
Tetrachloroethene	5.00	4.56			91		80-120		
Toluene	5.00	4.65			93		80-120		
1,2,3-Trichlorobenzene	5.00	4.63			93		59-120		
1,2,4-Trichlorobenzene	5.00	4.52			90		67-120		
1,1,1-Trichloroethane	5.00	4.58			92		70-124		
1,1,2-Trichloroethane	5.00	5.27			105		80-120		
Trichloroethene	5.00	4.77			95		80-120		
Trichlorofluoromethane	5.00	4.68			94		64-133		
1,2,3-Trichloropropane	5.00	5.56			111		80-120		
1,2,4-Trimethylbenzene	5.00	5.16			103		80-120		
1,3,5-Trimethylbenzene	5.00	5.11			102		80-120		
Vinyl Chloride	5.00	4.40			88		62-128		
Xylene (Total)	15	14.84			99		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16075B20A	Sample number(s): 8280576-8280579								
TPH-GRO water C6-C10	1100	1009.74	1100	1017.91	92	93	80-120	1	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160710011A	Sample number(s): 8280576-8280579								
DRO C10-C28	2670	1979.24	2690	1957.88	74	73	69-115	1	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: C160763AA	Sample number(s): 8280577 UNSPK: P282089									
Acrylonitrile	N.D.	250	249.17	250	230.02	100	92	68-135	8	30
t-Amyl methyl ether	N.D.	50	44.52	50	45.08	89	90	73-120	1	30
Benzene	N.D.	50	48.15	50	47.57	96	95	80-120	1	30
Bromobenzene	N.D.	50	50.71	50	52.04	101	104	80-120	3	30
Bromochloromethane	N.D.	50	53.58	50	52.81	107	106	80-125	1	30
Bromodichloromethane	N.D.	50	52.6	50	52.35	105	105	80-120	0	30
Bromoform	N.D.	50	41.8	50	41.19	84	82	62-128	1	30
Bromomethane	N.D.	50	49.49	50	51.09	99	102	71-126	3	30
t-Butyl Alcohol	N.D.	500	627.97	500	645.35	126	129	64-146	3	30
n-Butylbenzene	N.D.	50	54.46	50	55.03	109	110	80-120	1	30
sec-Butylbenzene	N.D.	50	53.69	50	54.49	107	109	80-120	1	30
tert-Butylbenzene	N.D.	50	56.67	50	56.79	113	114	80-120	0	30
Carbon Disulfide	N.D.	50	51.16	50	51.86	102	104	65-120	1	30
Chlorobenzene	N.D.	50	53.02	50	52.55	106	105	80-120	1	30
Chloroethane	N.D.	50	48.93	50	51.09	98	102	71-122	4	30

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Chloroform	N.D.	50	49.36	50	48.74	99	97	80-120	1	30
Chloromethane	N.D.	50	39.02	50	40.76	78	82	63-121	4	30
2-Chlorotoluene	N.D.	50	53.13	50	53.67	106	107	80-120	1	30
4-Chlorotoluene	N.D.	50	54.77	50	55.78	110	112	80-120	2	30
1,2-Dibromo-3-chloropropane	N.D.	50	51.97	50	45.78	104	92	56-131	13	30
Dibromochloromethane	N.D.	50	53.7	50	52.96	107	106	68-131	1	30
1,2-Dibromoethane	N.D.	50	52.13	50	52.2	104	104	80-120	0	30
Dibromomethane	N.D.	50	52.18	50	51.64	104	103	80-122	1	30
trans-1,4-Dichloro-2-butene	N.D.	250	37.84	250	36.13	15	14	10-182	5	30
1,2-Dichlorobenzene	N.D.	50	52.73	50	52.18	105	104	80-120	1	30
1,3-Dichlorobenzene	N.D.	50	53.03	50	52.96	106	106	80-120	0	30
1,4-Dichlorobenzene	N.D.	50	51.95	50	52.17	104	104	80-120	0	30
Dichlorodifluoromethane	N.D.	50	41.06	50	41.69	82	83	35-142	2	30
1,1-Dichloroethane	N.D.	50	43.27	50	43.29	87	87	75-120	0	30
1,2-Dichloroethane	N.D.	50	47.35	50	46.58	95	93	72-127	2	30
1,1-Dichloroethene	N.D.	50	50.21	50	50.73	100	101	70-120	1	30
cis-1,2-Dichloroethene	N.D.	50	49.06	50	49.44	98	99	80-120	1	30
trans-1,2-Dichloroethene	N.D.	50	50.25	50	49.61	100	99	80-120	1	30
1,2-Dichloropropane	N.D.	50	47.87	50	46.96	96	94	80-120	2	30
1,3-Dichloropropane	N.D.	50	48.01	50	48.65	96	97	80-120	1	30
2,2-Dichloropropane	N.D.	50	53.2	50	53.18	106	106	64-126	0	30
1,1-Dichloropropene	N.D.	50	45.21	50	45.03	90	90	71-120	0	30
cis-1,3-Dichloropropene	N.D.	50	44.48	50	45.24	89	90	80-124	2	30
trans-1,3-Dichloropropene	N.D.	50	41.52	50	42.36	83	85	77-121	2	30
Ethyl t-butyl ether	N.D.	50	38.98	50	40.21	78	80	67-122	3	30
Ethylbenzene	N.D.	50	50.99	50	51.37	102	103	80-120	1	30
Hexachlorobutadiene	N.D.	50	45.23	50	45.32	90	91	69-120	0	30
di-Isopropyl Ether	N.D.	50	37.18	50	38.56	74	77	66-128	4	30
Isopropylbenzene	N.D.	50	52.24	50	52.63	104	105	80-120	1	30
p-Isopropyltoluene	N.D.	50	54.56	50	54.63	109	109	80-120	0	30
Methyl Tertiary Butyl Ether	N.D.	50	41.98	50	43.14	84	86	74-120	3	30
Methylene Chloride	N.D.	50	45.84	50	46.25	92	92	80-120	1	30
Naphthalene	N.D.	50	49.49	50	51.51	99	103	58-125	4	30
n-Propylbenzene	N.D.	50	52.89	50	53	106	106	79-120	0	30
Styrene	N.D.	50	55.16	50	54.58	110	109	80-122	1	30
1,1,1,2-Tetrachloroethane	N.D.	50	52.76	50	52.18	106	104	72-125	1	30
1,1,2,2-Tetrachloroethane	N.D.	50	53.5	50	53.7	107	107	80-120	0	30
Tetrachloroethene	N.D.	50	49.74	50	49	99	98	80-120	1	30
Toluene	N.D.	50	48.84	50	48.88	98	98	80-120	0	30
1,2,3-Trichlorobenzene	N.D.	50	45.25	50	46.26	91	93	59-120	2	30
1,2,4-Trichlorobenzene	N.D.	50	45.38	50	46.46	91	93	67-120	2	30
1,1,1-Trichloroethane	N.D.	50	50.79	50	49.87	102	100	70-124	2	30
1,1,2-Trichloroethane	N.D.	50	52.25	50	51.8	105	104	80-120	1	30
Trichloroethene	N.D.	50	53.95	50	53.62	108	107	80-120	1	30
Trichlorofluoromethane	N.D.	50	53.46	50	53.21	107	106	64-133	0	30
1,2,3-Trichloropropane	N.D.	50	52.96	50	52.82	106	106	80-120	0	30
1,2,4-Trimethylbenzene	N.D.	50	54.13	50	54.39	108	109	80-120	0	30
1,3,5-Trimethylbenzene	N.D.	50	53.3	50	53.73	107	107	80-120	1	30
Vinyl Chloride	N.D.	50	46.19	50	47.84	92	96	62-128	4	30
Xylene (Total)	N.D.	150	155.94	150	156.64	104	104	80-120	0	30

*- Outside of specification
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P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160761AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8280576	106	106	94	90
8280578	107	107	93	89
8280579	107	108	93	89
Blank	105	107	93	89
LCS	102	106	97	97
LCSD	101	107	97	96
Limits:	77-114	74-113	77-110	78-110

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: C160763AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8280577	105	105	93	89
Blank	104	107	94	89
LCS	99	108	97	96
MS	101	104	96	95
MSD	101	106	98	97
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16075B20A

	Trifluorotoluene-F
8280576	94
8280577	92
8280578	79
8280579	91
Blank	82
LCS	96
LCSD	97
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160710011A

	Orthoterphenyl
8280576	97
8280577	99
8280578	95
8280579	97
Blank	90
LCS	98
LCSD	89

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Quality Control Summary

Client Name: GES, Inc.
Reported: 03/22/2016 19:57

Group Number: 1639427

Limits: 42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
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~~Potable COC~~

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # 8390 Group # 1639427 Sample # 8280576-79

Client: Groundwater & Environmental Services, Inc. (GES) 0402914

Project Name/#: Carroll Wally's | Site ID #: ~~0402909~~

Project Manager: Peter Reichardt | P.O. #: ~~0402909-06-209~~ 206

Sampler: Lindsay Keeney | PWSID #:

Phone #: 800-220-3606 x3726 | Quote #:

State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Sediment	Potable	Ground	Surface	Water	NPDES	Other:	Total # of Containers	~~Full Suite VOCs plus Oxys and Naphthalene (624.2)~~	Full Suite VOCs plus Oxy, Nap (8260)	TPH-GRO (8015)	TPH-DRO (8015)								Remarks
MW-10B	3-9-16	1235	X					X					7		X	X	X								EQEDD file name:
MW-7B	↓	1440	X					X					7		X	X	X								Carroll Wally's-lab
MW-19A		1605	X					X					7		X	X	X								report #.17962.
MW-19B	↓	1740	X					X					7		X	X	X								EQEDD.zip

Preservation Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, P = H_3PO_4, O = Other

For Lab Use Only: SF #: ____ SCR #: ____

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-9-16	1900	Denise Woodring	3-10-16	0800
Denise Woodring	3-10-16	12:15	[signature]	3/10/16	12:15
[signature]	3/10/16	15:30			
			[signature]	3/10/16	1530

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt 0.5 °C

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 139045

Group Number(s): 1639427

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	03/10/2016 15:30
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 17:04 on 03/10/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.5	DT	Wet	Y	Loose	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

Report Date: March 31, 2016

Project: Carroll Wally's

Submittal Date: 03/22/2016
Group Number: 1643080
PO Number: 0402994-05-220
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
Effluent Grab Potable Water	8297698
Mid2 Grab Potable Water	8297699

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

Electronic Copy To	GES, Inc.-MD	Attn: Data Distribution
Electronic Copy To	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Lancaster Laboratories Environmental
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Analysis Report

Sample Description: Effluent Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297698
LL Group # 1643080
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 10:30 by JP

Submitted: 03/22/2016 16:55
Reported: 03/31/2016 20:27

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYEF

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160891AA	03/29/2016 14:47	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16084A20A	03/24/2016 17:26	Jeremy C Giffin	1

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Analysis Report

Sample Description: **Effluent Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297698
LL Group # 1643080
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 10:30 by JP

Submitted: 03/22/2016 16:55
Reported: 03/31/2016 20:27

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYEF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16084A20A	03/24/2016 17:26	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160830021A	03/28/2016 18:49	Thomas C Wildermuth	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160830021A	03/24/2016 07:00	Maria Davenport	1

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Analysis Report

Sample Description: Mid2 Grab Potable Water
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297699
LL Group # 1643080
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 10:35 by JP

Submitted: 03/22/2016 16:55
Reported: 03/31/2016 20:27

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		ug/l	ug/l	
03648	t-Amyl Methyl Ether	994-05-8	N.D.	0.1	1
03648	Benzene	71-43-2	N.D.	0.1	1
03648	t-Butyl Alcohol	75-65-0	N.D.	2.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
03648	Ethyl t-Butyl Ether	637-92-3	N.D.	0.1	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	1
03648	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	1
03648	Naphthalene	91-20-3	N.D.	0.2	1
03648	Styrene	100-42-5	N.D.	0.1	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	1
03648	Toluene	108-88-3	N.D.	0.1	1
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
03648	Trichloroethene	79-01-6	N.D.	0.1	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	1
03648	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01635	TPH-GRO water C6-C10	n.a.	N.D.	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	S160891AA	03/29/2016 15:14	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16084A20A	03/24/2016 17:54	Jeremy C Giffin	1

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Analysis Report

Sample Description: **Mid2 Grab Potable Water**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297699
LL Group # 1643080
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 10:35 by JP

Submitted: 03/22/2016 16:55
Reported: 03/31/2016 20:27

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLYM2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	16084A20A	03/24/2016 17:54	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160830021A	03/28/2016 19:13	Thomas C Wildermuth	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160830021A	03/24/2016 07:00	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/31/2016 20:27

Group Number: 1643080

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	MDL ug/l
Batch number: S160891AA	Sample number(s): 8297698-8297699	
t-Amyl Methyl Ether	N.D.	0.1
Benzene	N.D.	0.1
t-Butyl Alcohol	N.D.	2.5
Carbon Tetrachloride	N.D.	0.1
Chlorobenzene	N.D.	0.1
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
Ethyl t-Butyl Ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.3
Naphthalene	N.D.	0.2
Styrene	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.2
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16084A20A	Sample number(s): 8297698-8297699	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160830021A	Sample number(s): 8297698-8297699	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S160891AA	Sample number(s): 8297698-8297699								
t-Amyl Methyl Ether	5.00	4.68			94		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/31/2016 20:27

Group Number: 1643080

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzene	5.00	5.02			100		70-130		
t-Butyl Alcohol	50	63.18			126		70-130		
Carbon Tetrachloride	5.00	5.37			107		70-130		
Chlorobenzene	5.00	4.93			99		70-130		
1,2-Dichlorobenzene	5.00	5.21			104		70-130		
1,3-Dichlorobenzene	5.00	5.02			100		70-130		
1,2-Dichloroethane	5.00	6.49			130		70-130		
1,1-Dichloroethene	5.00	5.01			100		70-130		
cis-1,2-Dichloroethene	5.00	5.28			106		70-130		
trans-1,2-Dichloroethene	5.00	5.18			104		70-130		
1,2-Dichloropropane	5.00	5.64			113		70-130		
Ethyl t-Butyl Ether	5.00	5.47			109		70-130		
Ethylbenzene	5.00	4.59			92		70-130		
di-Isopropyl Ether	5.00	5.13			103		70-130		
Methyl Tertiary Butyl Ether	5.00	5.35			107		70-130		
Methylene Chloride	5.00	4.96			99		70-130		
Naphthalene	5.00	4.30			86		70-130		
Styrene	5.00	4.87			97		70-130		
Tetrachloroethene	5.00	4.79			96		70-130		
Toluene	5.00	4.83			97		70-130		
1,2,4-Trichlorobenzene	5.00	4.48			90		70-130		
1,1,1-Trichloroethane	5.00	5.53			111		70-130		
1,1,2-Trichloroethane	5.00	5.26			105		70-130		
Trichloroethene	5.00	5.13			103		70-130		
Vinyl Chloride	2.00	2.25			113		70-130		
Xylene (Total)	15	14.06			94		70-130		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16084A20A	Sample number(s): 8297698-8297699								
TPH-GRO water C6-C10	1100	1027.26	1100	978.31	93	89	80-120	5	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 160830021A	Sample number(s): 8297698-8297699								
DRO C10-C28	2630	2049.96	2680	2060.13	78	77	69-115	0	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: S160891AA	Sample number(s): 8297698-8297699 UNSPK: P298540									
t-Amyl Methyl Ether	N.D.	5.00	4.70	5.00	4.75	94	95	70-130	1	30
Benzene	N.D.	5.00	5.54	5.00	5.49	111	110	70-130	1	30
t-Butyl Alcohol	N.D.	50	50.59	50	47.99	101	96	70-130	5	30
Carbon Tetrachloride	N.D.	5.00	6.25	5.00	6.27	125	125	70-130	0	30
Chlorobenzene	N.D.	5.00	5.60	5.00	5.54	112	111	70-130	1	30
1,2-Dichlorobenzene	N.D.	5.00	5.86	5.00	5.80	117	116	70-130	1	30
1,3-Dichlorobenzene	N.D.	5.00	5.66	5.00	5.66	113	113	70-130	0	30
1,2-Dichloroethane	N.D.	5.00	7.01	5.00	6.86	140*	137*	70-130	2	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/31/2016 20:27

Group Number: 1643080

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
1,1-Dichloroethene	N.D.	5.00	5.78	5.00	5.87	116	117	70-130	2	30
cis-1,2-Dichloroethene	N.D.	5.00	5.73	5.00	5.91	115	118	70-130	3	30
trans-1,2-Dichloroethene	N.D.	5.00	5.95	5.00	5.79	119	116	70-130	3	30
1,2-Dichloropropane	N.D.	5.00	6.27	5.00	6.27	125	125	70-130	0	30
Ethyl t-Butyl Ether	N.D.	5.00	5.72	5.00	5.66	114	113	70-130	1	30
Ethylbenzene	N.D.	5.00	5.39	5.00	5.29	108	106	70-130	2	30
di-Isopropyl Ether	N.D.	5.00	5.46	5.00	5.49	109	110	70-130	1	30
Methyl Tertiary Butyl Ether	N.D.	5.00	5.50	5.00	5.51	110	110	70-130	0	30
Methylene Chloride	N.D.	5.00	5.49	5.00	5.33	110	107	70-130	3	30
Naphthalene	N.D.	5.00	4.42	5.00	4.63	88	93	70-130	5	30
Styrene	N.D.	5.00	5.58	5.00	5.43	112	109	70-130	3	30
Tetrachloroethene	N.D.	5.00	5.63	5.00	5.65	113	113	70-130	0	30
Toluene	N.D.	5.00	5.45	5.00	5.49	109	110	70-130	1	30
1,2,4-Trichlorobenzene	N.D.	5.00	4.88	5.00	4.94	98	99	70-130	1	30
1,1,1-Trichloroethane	N.D.	5.00	6.19	5.00	6.14	124	123	70-130	1	30
1,1,2-Trichloroethane	N.D.	5.00	5.86	5.00	5.78	117	116	70-130	1	30
Trichloroethene	1.13	5.00	6.83	5.00	6.95	114	116	70-130	2	30
Vinyl Chloride	N.D.	2.00	2.47	2.00	2.46	123	123	70-130	0	30
Xylene (Total)	N.D.	15	16.44	15	16	110	107	70-130	3	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 524.2
Batch number: S160891AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8297698	90	100
8297699	87	103
Blank	89	94
LCS	98	106
MS	102	118
MSD	99	111
Limits:	80-120	80-120

Analysis Name: TPH-GRO water C6-C10
Batch number: 16084A20A

	Trifluorotoluene-F
8297698	91
8297699	91
Blank	90
LCS	103
LCSD	98
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160830021A

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/31/2016 20:27

Group Number: 1643080

	Orthoterphenyl
8297698	102
8297699	97
Blank	93
LCS	95
LCSD	89
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

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Acct. # 8310 Group # 1643080 Sample # 8297698-99

Client: Groundwater & Environmental Services, Inc. (GES)

Project Name/#: Carroll Wally's | Site ID #: 0402994

Project Manager: Peter Reichardt | P.O. #: 0402994-05-220

Sampler: Jeff Plummer | PWSID #:

Phone #: 800-220-3606 x3726 | Quote #:

State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD

For Lab Use Only

SF #:

SCR #:

Preservation Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, P = H_3PO_4, O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Sediment	Ground Water	Surface Water	Potable Water	NPDES Water	Other:	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
Effluent	3-18-16	1030	X				X					7	X		X	X	EQEDD file name:
Mid2	3-18-16	1035	X				X					7	X		X	X	Carroll Wally's-lab
																	report #.17962.
																	EQEDD.zip

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	3-21-16	0800	Denise Wooding	3-21-16	0800
Denise Wooding	3-22-16	13:05	[illegible]	3/22/16	13:05
[illegible]	3/22/16	16:55			
			[illegible]	3/22/16	1655

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.8 °C

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7045 0614

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Sample Administration Receipt Documentation Log

Doc Log ID: 140245

Group Number(s): 1643080

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	03/22/2016 16:55
Number of Packages:	1	Number of Projects:	3
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Jordan Woods (6698) at 18:04 on 03/22/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	0.8	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

Report Date: March 30, 2016

Project: Carroll Wally's

Submittal Date: 03/22/2016
Group Number: 1643082
PO Number: 0402994-06-206
Release Number: WALLY'S
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-10A Grab Groundwater	8297703
MW-4 Grab Groundwater	8297704

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

Electronic Copy To	GES, Inc.-MD	Attn: Data Distribution
Electronic Copy To	GES Inc.	Attn: Pete Reichardt

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

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Analysis Report

Sample Description: MW-10A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297703
LL Group # 1643082
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 11:30 by JP

Submitted: 03/22/2016 16:55
Reported: 03/30/2016 15:05

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL10A

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	
02898	Acrylonitrile	107-13-1	N.D.		1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	1
02898	Benzene	71-43-2	N.D.		0.1	1
02898	Bromobenzene	108-86-1	N.D.		0.1	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	1
02898	Bromoform	75-25-2	N.D.		0.1	1
02898	Bromomethane	74-83-9	N.D.		0.1	1
02898	t-Butyl Alcohol	75-65-0	11		4.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	1
02898	sec-Butylbenzene	135-98-8	0.5	J	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	1
02898	Chloroethane	75-00-3	N.D.		0.1	1
02898	Chloroform	67-66-3	N.D.		0.1	1
02898	Chloromethane	74-87-3	N.D.		0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	1
02898	Dibromomethane	74-95-3	N.D.		0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.		1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	1
02898	Isopropylbenzene	98-82-8	0.3	J	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	1.2		0.1	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	1
02898	Naphthalene	91-20-3	N.D.		0.1	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	1

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Analysis Report

Sample Description: MW-10A Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297703
LL Group # 1643082
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 11:30 by JP

Submitted: 03/22/2016 16:55
Reported: 03/30/2016 15:05

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WL10A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	
02898	Styrene	100-42-5	N.D.	0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	1
02898	Toluene	108-88-3	N.D.	0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	1
02898	Trichloroethene	79-01-6	N.D.	0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	74	20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
12858	DRO C10-C28	n.a.	N.D.	45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160832AA	03/24/2016 00:04	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160832AA	03/24/2016 00:04	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16084A20A	03/24/2016 18:21	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16084A20A	03/24/2016 18:21	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160830021A	03/28/2016 19:36	Thomas C Wildermuth	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160830021A	03/24/2016 07:00	Maria Davenport	1

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Analysis Report

Sample Description: MW-4 Grab Groundwater
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297704
LL Group # 1643082
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 12:45 by JP

Submitted: 03/22/2016 16:55
Reported: 03/30/2016 15:05

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY04

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	
02898	Acrylonitrile	107-13-1	N.D.	1.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	1
02898	Benzene	71-43-2	N.D.	0.1	1
02898	Bromobenzene	108-86-1	N.D.	0.1	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	1
02898	Bromoform	75-25-2	N.D.	0.1	1
02898	Bromomethane	74-83-9	N.D.	0.1	1
02898	t-Butyl Alcohol	75-65-0	N.D.	4.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	1
02898	Chloroethane	75-00-3	N.D.	0.1	1
02898	Chloroform	67-66-3	N.D.	0.1	1
02898	Chloromethane	74-87-3	N.D.	0.2	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	1
02898	Dibromomethane	74-95-3	N.D.	0.1	1
02898	trans-1,4-Dichloro-2-butene	110-57-6	N.D.	1.0	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	3.3	0.1	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	1
02898	Naphthalene	91-20-3	N.D.	0.1	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	1

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Analysis Report

Sample Description: **MW-4 Grab Groundwater**
19200 Middletown Rd, Parkton, MD
Carroll Wally's

LL Sample # WW 8297704
LL Group # 1643082
Account # 08390

Project Name: Carroll Wally's

Collected: 03/18/2016 12:45 by JP

Submitted: 03/22/2016 16:55
Reported: 03/30/2016 15:05

GES, Inc.
Suite A
1350 Blair Dr
Odenton MD 21113

WLY04

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	
02898	Styrene	100-42-5	N.D.		0.1	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	1
02898	Tetrachloroethene	127-18-4	0.2	J	0.1	1
02898	Toluene	108-88-3	N.D.		0.1	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	1
02898	Trichloroethene	79-01-6	N.D.		0.1	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	1
02898	Xylene (Total)	1330-20-7	N.D.		0.1	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	
01635	TPH-GRO water C6-C10	n.a.	N.D.		20	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	
12858	DRO C10-C28	n.a.	N.D.		45	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	VOCs- 25ml Water by 8260B	SW-846 8260B 25mL purge	1	I160832AA	03/24/2016 00:25	Matthew S Krause	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	I160832AA	03/24/2016 00:25	Matthew S Krause	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	16084A20A	03/24/2016 19:17	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	16084A20A	03/24/2016 19:17	Jeremy C Giffin	1
12858	TPH-DRO 8015B	SW-846 8015B	1	160830021A	03/28/2016 19:59	Thomas C Wildermuth	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160830021A	03/24/2016 07:00	Maria Davenport	1

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/30/2016 15:05

Group Number: 1643082

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: I160832AA	Sample number(s): 8297703-8297704	
Acrylonitrile	N.D.	1.0
t-Amyl methyl ether	N.D.	0.1
Benzene	N.D.	0.1
Bromobenzene	N.D.	0.1
Bromochloromethane	N.D.	0.1
Bromodichloromethane	N.D.	0.1
Bromoform	N.D.	0.1
Bromomethane	N.D.	0.1
t-Butyl Alcohol	N.D.	4.0
n-Butylbenzene	N.D.	0.1
sec-Butylbenzene	N.D.	0.1
tert-Butylbenzene	N.D.	0.1
Carbon Disulfide	N.D.	0.4
Chlorobenzene	N.D.	0.1
Chloroethane	N.D.	0.1
Chloroform	N.D.	0.1
Chloromethane	N.D.	0.2
2-Chlorotoluene	N.D.	0.1
4-Chlorotoluene	N.D.	0.1
1,2-Dibromo-3-chloropropane	N.D.	0.2
Dibromochloromethane	N.D.	0.1
1,2-Dibromoethane	N.D.	0.1
Dibromomethane	N.D.	0.1
trans-1,4-Dichloro-2-butene	N.D.	1.0
1,2-Dichlorobenzene	N.D.	0.1
1,3-Dichlorobenzene	N.D.	0.1
1,4-Dichlorobenzene	N.D.	0.1
Dichlorodifluoromethane	N.D.	0.1
1,1-Dichloroethane	N.D.	0.1
1,2-Dichloroethane	N.D.	0.1
1,1-Dichloroethene	N.D.	0.1
cis-1,2-Dichloroethene	N.D.	0.1
trans-1,2-Dichloroethene	N.D.	0.1
1,2-Dichloropropane	N.D.	0.1
1,3-Dichloropropane	N.D.	0.1
2,2-Dichloropropane	N.D.	0.1
1,1-Dichloropropene	N.D.	0.1
cis-1,3-Dichloropropene	N.D.	0.1
trans-1,3-Dichloropropene	N.D.	0.1
Ethyl t-butyl ether	N.D.	0.1
Ethylbenzene	N.D.	0.1
Hexachlorobutadiene	N.D.	0.1
di-Isopropyl Ether	N.D.	0.1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/30/2016 15:05

Group Number: 1643082

Analysis Name	Result ug/l	MDL ug/l
Isopropylbenzene	N.D.	0.1
p-Isopropyltoluene	N.D.	0.1
Methyl Tertiary Butyl Ether	N.D.	0.1
Methylene Chloride	N.D.	0.2
Naphthalene	N.D.	0.1
n-Propylbenzene	N.D.	0.1
Styrene	N.D.	0.1
1,1,1,2-Tetrachloroethane	N.D.	0.1
1,1,2,2-Tetrachloroethane	N.D.	0.1
Tetrachloroethene	N.D.	0.1
Toluene	N.D.	0.1
1,2,3-Trichlorobenzene	N.D.	0.1
1,2,4-Trichlorobenzene	N.D.	0.1
1,1,1-Trichloroethane	N.D.	0.1
1,1,2-Trichloroethane	N.D.	0.1
Trichloroethene	N.D.	0.1
Trichlorofluoromethane	N.D.	0.1
1,2,3-Trichloropropane	N.D.	0.3
1,2,4-Trimethylbenzene	N.D.	0.1
1,3,5-Trimethylbenzene	N.D.	0.1
Vinyl Chloride	N.D.	0.1
Xylene (Total)	N.D.	0.1
Batch number: 16084A20A	Sample number(s): 8297703-8297704	
TPH-GRO water C6-C10	N.D.	20
Batch number: 160830021A	Sample number(s): 8297703-8297704	
DRO C10-C28	N.D.	45

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: I160832AA	Sample number(s): 8297703-8297704								
Acrylonitrile	25	26.84	25	24.13	107	97	68-135	11	30
t-Amyl methyl ether	5.00	4.97	5.00	4.71	99	94	73-120	5	30
Benzene	5.00	4.59	5.00	4.29	92	86	80-120	7	30
Bromobenzene	5.00	4.58	5.00	4.29	92	86	80-120	7	30
Bromochloromethane	5.00	4.75	5.00	4.50	95	90	80-125	5	30
Bromodichloromethane	5.00	4.83	5.00	4.55	97	91	80-120	6	30
Bromoform	5.00	4.94	5.00	4.70	99	94	62-128	5	30
Bromomethane	5.00	4.04	5.00	3.83	81	77	71-126	5	30
t-Butyl Alcohol	50	44.28	50	33.66	89	67	64-146	27	30
n-Butylbenzene	5.00	4.76	5.00	4.44	95	89	80-120	7	30
sec-Butylbenzene	5.00	4.83	5.00	4.53	97	91	80-120	6	30
tert-Butylbenzene	5.00	4.78	5.00	4.47	96	89	80-120	7	30
Carbon Disulfide	5.00	4.46	5.00	4.21	89	84	65-120	6	30
Chlorobenzene	5.00	4.64	5.00	4.40	93	88	80-120	5	30
Chloroethane	5.00	4.21	5.00	3.98	84	80	71-122	6	30
Chloroform	5.00	4.46	5.00	4.18	89	84	80-120	6	30
Chloromethane	5.00	4.27	5.00	4.00	85	80	63-121	7	30
2-Chlorotoluene	5.00	4.58	5.00	4.28	92	86	80-120	7	30

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(2) The unspiked result was more than four times the spike added.
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Quality Control Summary

Client Name: GES, Inc.
Reported: 03/30/2016 15:05

Group Number: 1643082

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
4-Chlorotoluene	5.00	4.61	5.00	4.35	92	87	80-120	6	30
1,2-Dibromo-3-chloropropane	5.00	5.68	5.00	5.25	114	105	56-131	8	30
Dibromochloromethane	5.00	4.89	5.00	4.59	98	92	68-131	6	30
1,2-Dibromoethane	5.00	5.09	5.00	4.85	102	97	80-120	5	30
Dibromomethane	5.00	4.87	5.00	4.58	97	92	80-122	6	30
trans-1,4-Dichloro-2-butene	25	19.93	25	18.78	80	75	10-182	6	30
1,2-Dichlorobenzene	5.00	4.57	5.00	4.31	91	86	80-120	6	30
1,3-Dichlorobenzene	5.00	4.57	5.00	4.26	91	85	80-120	7	30
1,4-Dichlorobenzene	5.00	4.55	5.00	4.28	91	86	80-120	6	30
Dichlorodifluoromethane	5.00	4.59	5.00	4.30	92	86	35-142	7	30
1,1-Dichloroethane	5.00	4.42	5.00	4.14	88	83	75-120	7	30
1,2-Dichloroethane	5.00	4.37	5.00	4.30	87	86	72-127	2	30
1,1-Dichloroethene	5.00	4.32	5.00	4.08	86	82	70-120	6	30
cis-1,2-Dichloroethene	5.00	4.57	5.00	4.30	91	86	80-120	6	30
trans-1,2-Dichloroethene	5.00	4.56	5.00	4.30	91	86	80-120	6	30
1,2-Dichloropropane	5.00	4.92	5.00	4.68	98	94	80-120	5	30
1,3-Dichloropropane	5.00	4.90	5.00	4.65	98	93	80-120	5	30
2,2-Dichloropropane	5.00	4.40	5.00	4.13	88	83	64-126	6	30
1,1-Dichloropropene	5.00	4.30	5.00	4.04	86	81	71-120	6	30
cis-1,3-Dichloropropene	5.00	5.02	5.00	4.76	100	95	80-124	5	30
trans-1,3-Dichloropropene	5.00	5.15	5.00	4.87	103	97	77-121	5	30
Ethyl t-butyl ether	5.00	4.77	5.00	4.51	95	90	67-122	5	30
Ethylbenzene	5.00	4.65	5.00	4.35	93	87	80-120	7	30
Hexachlorobutadiene	5.00	4.39	5.00	4.02	88	80	69-120	9	30
di-Isopropyl Ether	5.00	4.84	5.00	4.57	97	91	66-128	6	30
Isopropylbenzene	5.00	4.82	5.00	4.50	96	90	80-120	7	30
p-Isopropyltoluene	5.00	4.75	5.00	4.39	95	88	80-120	8	30
Methyl Tertiary Butyl Ether	5.00	4.70	5.00	4.47	94	89	74-120	5	30
Methylene Chloride	5.00	4.45	5.00	4.22	89	84	80-120	5	30
Naphthalene	5.00	5.04	5.00	4.71	101	94	58-125	7	30
n-Propylbenzene	5.00	4.74	5.00	4.45	95	89	79-120	6	30
Styrene	5.00	5.06	5.00	4.74	101	95	80-122	7	30
1,1,1,2-Tetrachloroethane	5.00	4.66	5.00	4.37	93	87	72-125	6	30
1,1,2,2-Tetrachloroethane	5.00	4.93	5.00	4.71	99	94	80-120	5	30
Tetrachloroethene	5.00	4.36	5.00	4.09	87	82	80-120	7	30
Toluene	5.00	4.62	5.00	4.32	92	86	80-120	7	30
1,2,3-Trichlorobenzene	5.00	4.49	5.00	4.01	90	80	59-120	11	30
1,2,4-Trichlorobenzene	5.00	4.58	5.00	4.16	92	83	67-120	10	30
1,1,1-Trichloroethane	5.00	4.29	5.00	4.03	86	81	70-124	6	30
1,1,2-Trichloroethane	5.00	4.92	5.00	4.61	98	92	80-120	7	30
Trichloroethene	5.00	4.67	5.00	4.36	93	87	80-120	7	30
Trichlorofluoromethane	5.00	4.29	5.00	3.94	86	79	64-133	8	30
1,2,3-Trichloropropane	5.00	4.91	5.00	4.72	98	94	80-120	4	30
1,2,4-Trimethylbenzene	5.00	4.75	5.00	4.44	95	89	80-120	7	30
1,3,5-Trimethylbenzene	5.00	4.69	5.00	4.42	94	88	80-120	6	30
Vinyl Chloride	5.00	4.33	5.00	4.09	87	82	62-128	6	30
Xylene (Total)	15	14.14	15	13.28	94	89	80-120	6	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16084A20A	Sample number(s): 8297703-8297704								
TPH-GRO water C6-C10	1100	1027.26	1100	978.31	93	89	80-120	5	30
	ug/l	ug/l	ug/l	ug/l					

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: GES, Inc.
Reported: 03/30/2016 15:05

Group Number: 1643082

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 160830021A	Sample number(s): 8297703-8297704								
DRO C10-C28	2630	2049.96	2680	2060.13	78	77	69-115	0	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 8260B
Batch number: I160832AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8297703	95	105	100	102
8297704	97	108	100	103
Blank	96	104	100	101
LCS	97	109	101	101
LCSD	98	106	100	101
Limits:	77-114	74-113	77-110	78-110

Analysis Name: TPH-GRO water C6-C10
Batch number: 16084A20A

	Trifluorotoluene-F
8297703	94
8297704	91
Blank	90
LCS	103
LCSD	98
Limits:	63-135

Analysis Name: TPH-DRO 8015B
Batch number: 160830021A

	Orthoterphenyl
8297703	99
8297704	74
Blank	93
LCS	95
LCSD	89
Limits:	42-160

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # 8390 Group # 1643082 Sample # 8297703-04

Client: Groundwater & Environmental Services, Inc. (GES)	
Project Name/#: Carroll Wally's	Site ID #: 0402994
Project Manager: Peter Reichardt	P.O. #: 0402994-~~05-220~~ 06-206
Sampler: Jeff Plummer	PWSID #:
Phone #: 800-220-3606 x3726	Quote #:
State where sample(s) were collected: 19200 Middletown Rd, Parkton, MD	

Sample Identification	Collection Date	Collection Time	Grab	Composite	Sediment	Soil	Ground	Potable	Surface	NPDES	Water	Other:	Total # of Containers	Full Suite VOCs including Fuel oxys and Naphthalene (524.2)	Full Suite VOCs including Fuel oxys and Naphthalene (8260)	TPH - GRO (8015B)	TPH - DRO (8015B)	Remarks
MW-10A	3-18-16	1130	X								X		7		X	X	X	EQEDD file name:
MW-4	3-18-16	1245	X								X		7		X	X	X	Carroll Wally's-lab
																		report #.17962.
																		EQEDD.zip

Matrix: Sediment ☐ Soil ☐ Ground ☒ Potable ☐ Surface ☐ NPDES ☐ Water ☒ Other:

Analyses Requested / Preservation Codes

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 P = H_3PO_4
O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: mdlabs@gesonline.com & ges@equisonline.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐
Type III (Reduced non-CLP) ☐ CT RCP ☐
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐
NYSDEC Category ☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: GES EQEDD

Relinquished by:	Date	Time	Received by:	Date	Time
Jeff Plummer	3-21-16	0800	Denise Woodring	3-21-16	0800
Denise Woodring	3-22-16	13:05	[illegible]	3/22/16	13:05
[illegible]	3/22/16	16:55			
			[illegible]	3/22/16	1655

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 0.8 °C

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 140245
Group Number(s): 1643082

Client: GES

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	03/22/2016 16:55
Number of Packages:	1	Number of Projects:	3
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Jordan Woods (6698) at 18:04 on 03/22/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	0.8	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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