



Geosyntec
consultants

APPENDIX F

Laboratory Data – Groundwater Summary



2019 Ninth Avenue
 PO Box 1925
 Altoona, PA 16603
 (814) 946-4306
 NELAP: PA 07-062, VA 460212

89 Kristi Road
 Pennsdale, PA 17756
 (570) 494-6380
 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-POTOMAC RIVERLLC.
 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
TW-01-20140707	4G08141-01	Water	Grab	07/07/14 13:15	07/08/14 17:55
TW-02-20140707	4G08141-02	Water	Grab	07/07/14 10:30	07/08/14 17:55
TW-03-20140707	4G08141-03	Water	Grab	07/07/14 11:00	07/08/14 17:55
TW-04-20140707	4G08141-04	Water	Grab	07/07/14 11:45	07/08/14 17:55
TW-05-20140707	4G08141-05	Water	Grab	07/07/14 11:30	07/08/14 17:55
TW-06-20140707	4G08141-06	Water	Grab	07/07/14 11:15	07/08/14 17:55
TW-07-20140707	4G08141-07	Water	Grab	07/07/14 10:45	07/08/14 17:55
TW-08S-20140707	4G08141-08	Water	Grab	07/07/14 12:30	07/08/14 17:55
TW-09S-20140707	4G08141-09	Water	Grab	07/07/14 13:30	07/08/14 17:55
TW-10-20140707	4G08141-10	Water	Grab	07/07/14 13:00	07/08/14 17:55
TW-11-20140707	4G08141-11	Water	Grab	07/07/14 13:45	07/08/14 17:55
TW-13-20140707	4G08141-12	Water	Grab	07/07/14 12:15	07/08/14 17:55
TW-14-20140707	4G08141-13	Water	Grab	07/07/14 12:00	07/08/14 17:55

4G08141: -02, -03 & -04 DRO reported to MDL. This report replaces report issued 7/10/14. 071114 kjd/mpt

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-01-20140707

Date/Time Sampled: 07/07/14 13:15

Laboratory Sample ID: 4G08141-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	27400	2320	15000	ug/l	07/09/14 19:15	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	66.1 %		40-140		07/09/14 19:15	EPA 8015D mod	rsr	

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-02-20140707

Date/Time Sampled: 07/07/14 10:30

Laboratory Sample ID: 4G08141-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1160	1160	7500	ug/l	07/09/14 19:58	EPA 8015D mod	rsr	AA U
Surrogate: o-Terphenyl	67.8 %		40-140		07/09/14 19:58	EPA 8015D mod	rsr	

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-03-20140707

Date/Time Sampled: 07/07/14 11:00

Laboratory Sample ID: 4G08141-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1160	1160	7500	ug/l	07/09/14 20:42	EPA 8015D mod	rsr	AA U
Surrogate: o-Terphenyl	89.8 %		40-140		07/09/14 20:42	EPA 8015D mod	rsr	

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-04-20140707

Date/Time Sampled: 07/07/14 11:45

Laboratory Sample ID: 4G08141-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
AA								
Diesel Range Organics by EPA 8015	1270 J	1160	7500	ug/l	07/09/14 21:25	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	77.3 %		40-140		07/09/14 21:25	EPA 8015D mod	rsr	

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Project: NRG-POTOMAC RIVERLLC.
 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-05-20140707

Date/Time Sampled: 07/07/14 11:30

Laboratory Sample ID: 4G08141-05 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	66300	1160	7500	ug/l	07/09/14 22:08	EPA 8015D mod	rsr	2a, 2b
<i>Surrogate: o-Terphenyl</i>		257 %	40-140		07/09/14 22:08	EPA 8015D mod	rsr	2n

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-06-20140707

Date/Time Sampled: 07/07/14 11:15

Laboratory Sample ID: 4G08141-06 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	113000	2320	15000	ug/l	07/10/14 11:19	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		135 %	40-140		07/10/14 11:19	EPA 8015D mod	rsr	

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-07-20140707

Date/Time Sampled: 07/07/14 10:45

Laboratory Sample ID: 4G08141-07 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	41500	1160	7500	ug/l	07/10/14 01:04	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		295 %	40-140		07/10/14 01:04	EPA 8015D mod	rsr	2n

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-08S-20140707

Date/Time Sampled: 07/07/14 12:30

Laboratory Sample ID: 4G08141-08 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	29500	1160	7500	ug/l	07/10/14 01:48	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		116 %	40-140		07/10/14 01:48	EPA 8015D mod	rsr	

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-09S-20140707

Date/Time Sampled: 07/07/14 13:30

Laboratory Sample ID: 4G08141-09 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

AAa

Diesel Range Organics	2330000	58000	375000	ug/l	07/10/14 12:47	EPA 8015D mod	rsr	
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 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-10-20140707

Date/Time Sampled: 07/07/14 13:00

Laboratory Sample ID: 4G08141-10 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	23400	1160	7500	ug/l	07/10/14 14:14	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	59.2 %		40-140		07/10/14 14:14	EPA 8015D mod	rsr	

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 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-11-20140707

Date/Time Sampled: 07/07/14 13:45

Laboratory Sample ID: 4G08141-11 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	117000	5800	37500	ug/l	07/10/14 13:31	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		166 %	40-140		07/10/14 13:31	EPA 8015D mod	rsr	2n

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Project: NRG-POTOMAC RIVERLLC.
 Project Number: 04-02850-01-100
 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-13-20140707

Date/Time Sampled: 07/07/14 12:15

Laboratory Sample ID: 4G08141-12 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	17500	1160	7500	ug/l	07/10/14 05:27	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		113 %	40-140		07/10/14 05:27	EPA 8015D mod	rsr	

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 Collector: JP
 Number of Containers: 13
Reported:
 07/11/14 15:12

Client Sample ID: TW-14-20140707

Date/Time Sampled: 07/07/14 12:00

Laboratory Sample ID: 4G08141-13 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	16000	1160	7500	ug/l	07/10/14 06:11	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	46.0 %		40-140		07/10/14 06:11	EPA 8015D mod	rsr	

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Reported:
 07/11/14 15:12

Notes

- 2a The RPD result exceeded the QC control limits for the duplicate, LCSD or MSD sample analyzed.
- 2b The spike recovery was outside acceptance limits for the MS and/or MSD. Data accepted based on acceptable LCS recovery.
- 2n The surrogate value is not within the indicated range, results are considered to be estimated.
- AA Analyzed at a dilution due to the amount of sediment in the sample.
- AAa Due to the dilution required by the concentration of the target analyte, the surrogate is not recoverable for this sample.
- J Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
- U Analyte included in the analysis, but not detected



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 Collector: JP
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Reported:
 07/11/14 15:12

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

* P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.

< Represents "less than" - indicates that the result was less than the reporting limit.

MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.

RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.

[CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

2019 9th Ave.
P.O. Box 1925
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Phone: (814) 946-4306
Fax: (814) 946-8791

FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380

4608141-01
COC #
Page 1 of 2

Client Name: GES
Address: 1350 Blair Drive
Odenton Md. 21113
Contact: Greg Rechart
Phone #: 1800 220-3606
Fax #: 410 721-3733
Project Name: NRG-Stone-River-LLC
Quote/PO #: 04-02850-01-100

TAT: Normal Rush
Rush TAT subject to pre-approval and surcharge
Date Required: 7/10/14 (GRAB)

Received on ice? Y N
Sample Temp: _____
Reportable to PADEP? Yes No
PWSID # _____

Sample Description/Location	GRAB Composite Start	GRAB Composite End	Matrix			# of Containers
			Solid	Water	Other	
TW-01	X	7-714 1315	X			1
TW-02						
TW-03						
TW-04						
TW-05						
TW-06						
TW-07						
TW-08S						
TW-09S						
TW-10						
TW-11	X	7-714 1345	X			1

Analyses Requested: _____
LAB USE ONLY
FedEx USPS
UPS Other
Tracking # _____

Sample Description/Location	GRAB Composite Start	GRAB Composite End	Solid	Water	Other	# of Containers	Start Date	Start Time	End Date	End Time	Received by:	Date	Time	Relinquished by:	Date	Time	Remarks	
TW-01	X	7-714 1315	X			1			7-714	1315	7-8-14	0800	7-8-14	1550	7-8-14	1410	Project address: 1400 N. Royal St, Alexandria Va.	
TW-02										1030								
TW-03										1100								
TW-04										1145								
TW-05										1130								
TW-06										1115								
TW-07										1045								
TW-08S										1230								
TW-09S										1330								
TW-10										1300								
TW-11	X	7-714 1345	X			1			7-714	1345	7-8-14	0800	7-8-14	1550	7-8-14	1410	Project address: 1400 N. Royal St, Alexandria Va.	

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLL File Canary - FLL Copy Pink - Customer Receipt Copy

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

2019 9th Ave.
P.O. Box 1925
Altoona, PA 16602
Phone: (814) 946-4306
Fax: (814) 946-8791

FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380
COC # 460814102
Page 2 of 2

Client Name: <u>GES</u>		Address: <u>1350 Blair Drive</u> <u>Odenton Md. 21113</u>		Received on ice? Y <input type="checkbox"/> N <input type="checkbox"/>		Reportable to PADEP? Yes <input type="checkbox"/>		PWSID # _____	
Contact: <u>Greg Kerhart</u>		Phone #: <u>1800 220-3606</u> <u>410 721-3733</u>		Sample Temp: _____		Matrix		Analyses Requested	
Project Name: <u>NR6 - Potomac River LLC,</u>		Quote/PO #: <u>04-02850-01-100</u>		Composite Start		GRAB -01- Composite End		TPH - DR0 (80158)	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Rush TAT subject to pre-approval and surcharge		Composite		Solid		Bottle Type/Comments	
Date Required: <u>7/10/14</u>		GRAB		Start Date		End Date		Tracking #	
Sample Description/Location		Composite		Start Time		End Time		LAB USE ONLY	
				Date		Date		FedEx USPS Other	
				Time		Time		UPS	
				Date		Date		Other	
				Time		Time		Tracking #	
				Date		Date		LAB USE ONLY	
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				Time		Time		Other	
				Date		Date		Tracking #	
				Time		Time		LAB USE ONLY	

Chain of Custody Receiving Document

Receiver: [Signature] Page of

Date/Time of this check: 11-8-14 20:52 client: LES Lab # 4608/41-03

Received on ICE? * Sample Temperature when delivered to the Lab: 44 Acceptable? * or In cool down process? *

Custody Seals? 1 Intact? 1

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * Matrix: Water

COC #	Number and Type of BOTTLES							Comments	
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?)		
1				1				Other <input type="checkbox"/> * Properly Preserved <input checked="" type="checkbox"/> *	
2				1					
3				1					
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									

<p>* DEVIATION PRESENT:</p> <p><input checked="" type="checkbox"/> No Ice ()</p> <p><input checked="" type="checkbox"/> Not at Proper Temperature ()</p> <p><input checked="" type="checkbox"/> Wrong Container ()</p> <p><input checked="" type="checkbox"/> Missing Information: ()</p>	<p>CLIENT CALLED:</p> <p>YES ()</p> <p>By Whom: _____</p> <p>Date: _____</p>	<p>CLIENT RESPONSE:</p> <p>Proceed with analysis; qualify data ()</p> <p>Will Resample ()</p> <p>Provided Information ()</p> <p>No Response; Proceed and qualified ()</p> <p>Client Contact: _____</p> <p>Date: _____</p>
--	--	--

* Comments: _____



2019 Ninth Avenue
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 (814) 946-4306
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89 Kristi Road
 Pennsdale, PA 17756
 (570) 494-6380
 PaDEP: PA 41-04684



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State Certifications: MD 275, WV 364

GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859-01-878
 Collector: JP
 Number of Containers: 10

Reported:
 08/19/14 15:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-72D-20140811	4H12081-01	Water	Grab	08/11/14 13:15	08/12/14 15:00
MW-51D-20140811	4H12081-02	Water	Grab	08/11/14 13:30	08/12/14 15:00

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859-01-878
 Collector: JP
 Number of Containers: 10

Reported:
 08/19/14 15:54

Client Sample ID: MW-72D-20140811

Date/Time Sampled: 08/11/14 13:15

Laboratory Sample ID: 4H12081-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<300		300	ug/l	08/15/14 20:44	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	76.5 %		40-140		08/15/14 20:44	EPA 8015D mod	rsr	

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 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859-01-878
 Collector: JP
 Number of Containers: 10

Reported:
 08/19/14 15:54

Client Sample ID: MW-51D-20140811

Date/Time Sampled: 08/11/14 13:30

Laboratory Sample ID: 4H12081-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1180		600	ug/l	08/15/14 22:11	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		118 %	40-140		08/15/14 22:11	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859-01-878
 Collector: JP
 Number of Containers: 10

Reported:
 08/19/14 15:54

Notes

- 2j Sample was analyzed at a dilution due to the matrix.
- U Analyte included in the analysis, but not detected

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

* P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.

< Represents "less than" - indicates that the result was less than the reporting limit.

MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.

RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.

[CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.



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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: [none]
 Collector: JP
 Number of Containers: 3

Reported:
 08/22/14 14:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-72D-20140813	4H15102-01	Water	Grab	08/13/14 09:15	08/15/14 17:00
MW-51D-20140813	4H15102-02	Water	Grab	08/13/14 09:20	08/15/14 17:00
MW-25D-20140813	4H15102-03	Water	Grab	08/13/14 14:40	08/15/14 17:00

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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GES Maryland
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 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: [none]
 Collector: JP
 Number of Containers: 3

Reported:
 08/22/14 14:55

Client Sample ID: MW-72D-20140813

Date/Time Sampled: 08/13/14 09:15

Laboratory Sample ID: 4H15102-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1100		153	ug/l	08/19/14 19:26	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	82.9 %		40-140		08/19/14 19:26	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: [none]
 Collector: JP
 Number of Containers: 3

Reported:
 08/22/14 14:55

Client Sample ID: MW-51D-20140813

Date/Time Sampled: 08/13/14 09:20

Laboratory Sample ID: 4H15102-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1650		153	ug/l	08/19/14 20:10	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		108 %	40-140		08/19/14 20:10	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: [none]
 Collector: JP
 Number of Containers: 3

Reported:
 08/22/14 14:55

Client Sample ID: MW-25D-20140813

Date/Time Sampled: 08/13/14 14:40

Laboratory Sample ID: 4H15102-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1280		152	ug/l	08/19/14 20:55	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		103 %	40-140		08/19/14 20:55	EPA 8015D mod	rsr	

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State Certifications: MD 275, WV 364

GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: [none]
 Collector: JP
 Number of Containers: 3

Reported:
 08/22/14 14:55

Notes

U Analyte included in the analysis, but not detected

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

* P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.

< Represents "less than" - indicates that the result was less than the reporting limit.

MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.

RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.

[CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

Chain of Custody Receiving Document

Receiver: AL

Page 1 of 2

Date/Time of this check: 8/5/14 11:15 Client: GES

Lab # 4H15102

Received on ICE? * Sample Temperature when delivered to the Lab: 24 Acceptable? * or In cool down process? *

Custody Seals? 4 Intact? 4

COCLabels on bottles agree? * Correct containers for all the analysis requested? * Matrix: water

COC #	Number and Type of BOTTLES						Comments			
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH		VOCS (Head space?)	Other	Properly Preserved
1				1				<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
2				1				<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
3				1				<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
								<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
								<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
								<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
								<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	
								<input type="checkbox"/> *	<input checked="" type="checkbox"/> *	

<p>* DEVIATION PRESENT:</p> <p><input checked="" type="checkbox"/> No Ice ()</p> <p><input checked="" type="checkbox"/> Not at Proper Temperature ()</p> <p><input checked="" type="checkbox"/> Wrong Container ()</p> <p><input checked="" type="checkbox"/> Missing Information: ()</p>	<p>CLIENT CALLED:</p> <p>By Whom: _____</p> <p>Date: _____</p>	<p>CLIENT RESPONSE:</p> <p>Proceed with analysis; quality data ()</p> <p>Will Resample ()</p> <p>Provided Information ()</p> <p>No Response; Proceed and qualified ()</p> <p>Client Contact: _____</p> <p>Date: _____</p>
--	---	--

* Comments: _____



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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
TW-02-20140815	4H18050-01	Water	Grab	08/15/14 07:50	08/18/14 16:00
TW-03-20140815	4H18050-02	Water	Grab	08/15/14 08:05	08/18/14 16:00
TW-07-20140815	4H18050-03	Water	Grab	08/15/14 08:15	08/18/14 16:00
TW-06-20140815	4H18050-04	Water	Grab	08/15/14 08:30	08/18/14 16:00
TW-05-20140815	4H18050-05	Water	Grab	08/15/14 08:40	08/18/14 16:00
TW-04-20140815	4H18050-06	Water	Grab	08/15/14 08:50	08/18/14 16:00
B-105-20140815	4H18050-07	Water	Grab	08/15/14 09:30	08/18/14 16:00
B-104-20140815	4H18050-08	Water	Grab	08/15/14 09:45	08/18/14 16:00
TW-14-20140815	4H18050-09	Water	Grab	08/15/14 09:50	08/18/14 16:00
B-103-20140815	4H18050-10	Water	Grab	08/15/14 10:00	08/18/14 16:00
B-102-20140815	4H18050-11	Water	Grab	08/15/14 10:10	08/18/14 16:00
B-112S-20140815	4H18050-12	Water	Grab	08/15/14 10:50	08/18/14 16:00
B-112D-20140815	4H18050-13	Water	Grab	08/15/14 11:00	08/18/14 16:00
B-16D-20140815	4H18050-14	Water	Grab	08/15/14 11:45	08/18/14 16:00
B-52D-20140815	4H18050-15	Water	Grab	08/15/14 12:05	08/18/14 16:00
B-1-20140815	4H18050-16	Water	Grab	08/15/14 12:50	08/18/14 16:00
B-8-20140815	4H18050-17	Water	Grab	08/15/14 12:55	08/18/14 16:00
B-15-20140815	4H18050-18	Water	Grab	08/15/14 13:00	08/18/14 16:00

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Reviewed and Submitted by:

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Michael P. Tyler
 Laboratory Director



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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
B-106-20140815	4H18050-19	Water	Grab	08/15/14 13:10	08/18/14 16:00

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 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-02-20140815

Date/Time Sampled: 08/15/14 07:50

Laboratory Sample ID: 4H18050-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<600		600	ug/l	08/19/14 21:39	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	78.5 %		40-140		08/19/14 21:39	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-03-20140815

Date/Time Sampled: 08/15/14 08:05

Laboratory Sample ID: 4H18050-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1500		1500	ug/l	08/19/14 22:23	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	81.3 %		40-140		08/19/14 22:23	EPA 8015D mod	rsr	

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 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-07-20140815

Date/Time Sampled: 08/15/14 08:15

Laboratory Sample ID: 4H18050-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	19600		7500	ug/l	08/20/14 17:37	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		131 %	40-140		08/20/14 17:37	EPA 8015D mod	rsr	

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 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-06-20140815

Date/Time Sampled: 08/15/14 08:30

Laboratory Sample ID: 4H18050-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

AA

Diesel Range Organics	147000		15000	ug/l	08/20/14 18:21	EPA 8015D mod	rsr	
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 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-05-20140815

Date/Time Sampled: 08/15/14 08:40

Laboratory Sample ID: 4H18050-05 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	271000		30000	ug/l	08/21/14 18:50	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	97.7 %		40-140		08/21/14 18:50	EPA 8015D mod	rsr	

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 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-04-20140815

Date/Time Sampled: 08/15/14 08:50

Laboratory Sample ID: 4H18050-06 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1610		300	ug/l	08/20/14 19:48	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	<i>94.6 %</i>		<i>40-140</i>		<i>08/20/14 19:48</i>	<i>EPA 8015D mod</i>	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-105-20140815

Date/Time Sampled: 08/15/14 09:30

Laboratory Sample ID: 4H18050-07 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1500		1500	ug/l	08/25/14 18:57	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	37.2 %		40-140		08/25/14 18:57	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-104-20140815

Date/Time Sampled: 08/15/14 09:45

Laboratory Sample ID: 4H18050-08 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1630		1500	ug/l	08/25/14 19:40	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	29.3 %		40-140		08/25/14 19:40	EPA 8015D mod	rsr	2n

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: TW-14-20140815

Date/Time Sampled: 08/15/14 09:50

Laboratory Sample ID: 4H18050-09 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	3900		1500	ug/l	08/25/14 20:23	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	66.7 %		40-140		08/25/14 20:23	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-103-20140815

Date/Time Sampled: 08/15/14 10:00

Laboratory Sample ID: 4H18050-10 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	479		300	ug/l	08/25/14 21:06	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	29.2 %		40-140		08/25/14 21:06	EPA 8015D mod	rsr	2n

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-102-20140815

Date/Time Sampled: 08/15/14 10:10

Laboratory Sample ID: 4H18050-11 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1500		1500	ug/l	08/21/14 05:16	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	88.4 %		40-140		08/21/14 05:16	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-112S-20140815

Date/Time Sampled: 08/15/14 10:50

Laboratory Sample ID: 4H18050-12 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1500		1500	ug/l	08/21/14 05:59	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl		74.5 %		40-140	08/21/14 05:59	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-112D-20140815

Date/Time Sampled: 08/15/14 11:00

Laboratory Sample ID: 4H18050-13 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<1500		1500	ug/l	08/21/14 08:57	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	56.6 %		40-140		08/21/14 08:57	EPA 8015D mod	rsr	

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State Certifications: MD 275, WV 364

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-16D-20140815

Date/Time Sampled: 08/15/14 11:45

Laboratory Sample ID: 4H18050-14 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<300		300	ug/l	08/21/14 11:57	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	58.4 %		40-140		08/21/14 11:57	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-52D-20140815

Date/Time Sampled: 08/15/14 12:05

Laboratory Sample ID: 4H18050-15 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<600		600	ug/l	08/21/14 12:42	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl		50.3 %	40-140		08/21/14 12:42	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-1-20140815

Date/Time Sampled: 08/15/14 12:50

Laboratory Sample ID: 4H18050-16 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	2670		300	ug/l	08/21/14 13:28	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	73.3 %		40-140		08/21/14 13:28	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-8-20140815

Date/Time Sampled: 08/15/14 12:55

Laboratory Sample ID: 4H18050-17 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	7540		3000	ug/l	08/21/14 19:34	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	73.7 %		40-140		08/21/14 19:34	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-15-20140815

Date/Time Sampled: 08/15/14 13:00

Laboratory Sample ID: 4H18050-18 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	909		300	ug/l	08/21/14 14:58	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	<i>90.4 %</i>		<i>40-140</i>		<i>08/21/14 14:58</i>	<i>EPA 8015D mod</i>	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Client Sample ID: B-106-20140815

Date/Time Sampled: 08/15/14 13:10

Laboratory Sample ID: 4H18050-19 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
AA								
Diesel Range Organics by EPA 8015	89200		15000	ug/l	08/21/14 20:16	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		%	40-140		08/21/14 20:16	EPA 8015D mod	rsr	U

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

Notes

- 2j Sample was analyzed at a dilution due to the matrix.
- 2n The surrogate value is not within the indicated range, results are considered to be estimated.
- AA Due to the dilution required by the concentration of the target analyte, the surrogate is not recoverable for this sample.
- U Analyte included in the analysis, but not detected

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

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Project: NRG-PRGS
 Project Number: 0402859-11876
 Collector: CLIENT
 Number of Containers: 19

Reported:
 08/26/14 15:45

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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4488050 #1
COC #
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Client Name: <u>LES</u>		Received on ice? <input type="checkbox"/> Y <input type="checkbox"/> N		Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> No		PW/SID # _____		Analyses Requested		LAB USE ONLY FedEx USPS UPS Other Tracking # _____	
Address: <u>1350 Blair Drive Suite A</u>		Sample Temp: _____		GRAB Composite		GRAB Composite End		Solid <input type="checkbox"/> Water <input type="checkbox"/> Other _____		Bottle Type/Comments	
Contact: <u>Les Redart</u>		Date Required: <u>8/22/14</u>		Start Date		Start Time		End Date		End Time	
Phone #: <u>902 720 7606 x3797</u>		Rush TAT subject to pre-approval and surcharge		Composite Start		Composite End		Matrix		# of Containers	
Fax #: <u>902 721 3733</u>		Sample Description/Location		Date		Time		Date		Time	
Project Name: <u>UPL-PRCS</u>		Date		Time		Time		Date		Time	
Quote/PO #: <u>0402859-11876</u>		Date		Time		Time		Date		Time	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Date		Time		Time		Date		Time	
Date Required: <u>8/22/14</u>		Date		Time		Time		Date		Time	
Sample Description/Location		Date		Time		Time		Date		Time	
TW-02		8/15/14		0750		0855		8/18/14		1236	
TW-03		8/15/14		0815		0930		8/18/14		1236	
TW-07		8/15/14		0830		0945		8/18/14		1236	
TW-06		8/15/14		0840		0950		8/18/14		1236	
TW-05		8/15/14		0850		1000		8/18/14		1236	
TW-04		8/15/14		0930		1000		8/18/14		1236	
B-105		8/15/14		0945		1000		8/18/14		1236	
B-104		8/15/14		0950		1000		8/18/14		1236	
TW-14		8/15/14		1000		1010		8/18/14		1236	
B-103		8/15/14		1000		1010		8/18/14		1236	
B-102		8/15/14		1010		1020		8/18/14		1236	
Sampled by: <u>ATP</u>		Date		Time		Time		Date		Time	
Date		Time		Time		Time		Date		Time	
8/15/14		1400		0850		0850		8/18/14		1236	
Received by: <u>Shane Woodley</u>		Date		Time		Time		Date		Time	
Date		Time		Time		Time		Date		Time	
8/18/14		1230		0850		0850		8/18/14		1236	
Relinquished by: <u>Shane Woodley</u>		Date		Time		Time		Date		Time	
Date		Time		Time		Time		Date		Time	
8/18/14		1600		0850		0850		8/18/14		1236	
Received by: <u>Shane Woodley</u>		Date		Time		Time		Date		Time	
Date		Time		Time		Time		Date		Time	
8/18/14		1600		0850		0850		8/18/14		1236	
Relinquished by: _____		Date		Time		Time		Date		Time	
Date		Time		Time		Time		Date		Time	
8/18/14		1600		0850		0850		8/18/14		1236	
Received by: <u>Shane Woodley</u>		Date		Time		Time		Date		Time	
Date		Time		Time		Time		Date		Time	
8/18/14		1600		0850		0850		8/18/14		1236	

Private Address: 1400 N. Royal St. Alexandria VA
 Email requests to mlalukas@acscorp.com
 Email EREOD queries to ash@acscorp.com
 EREOD name: UPL-PRCS - Lab Report
 Number: 25800, EREOD.2P

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Environmental Laboratory

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Pennsdale, PA 17756
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4418050
COC #
Page 2 of 2

Client Name: <u>LES</u>		Received on ice? <input type="checkbox"/> Y <input type="checkbox"/> N		Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> No		PW/SID #		Analyses Requested		LAB USE ONLY FedEx USPS UPS Other Tracking #	
Address: <u>1350 Blair Drive Suite A</u>		Sample Temp: _____		Matrix		Solid		Water		Other	
Contact: <u>Meg Reichart</u>		GRAB Composite		GRAB Composite		GRAB Composite		# of Containers		TPH-DRD (8015)	
Phone #: <u>802 220 3606 x3717</u>		TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Rush TAT subject to pre-approval and surcharge		Date Required: <u>8/22/14</u>		Date		Time	
Fax #: <u>410 721 3133</u>		Sample Description/Location		Start Date		Start Time		End Date		End Time	
Project Name: <u>VRB-DR65</u>		B-112S		8/15/14		1050		8/15/14		1050	
Quote/PO #: <u>D402859-11876-855</u>		B-1120		8/15/14		1100		8/15/14		1100	
		B-160		8/15/14		1145		8/15/14		1145	
		B-520		8/15/14		1205		8/15/14		1205	
		B-1		8/15/14		1250		8/15/14		1250	
		B-8		8/15/14		1255		8/15/14		1255	
		B-15		8/15/14		1300		8/15/14		1300	
		B-106		8/15/14		1310		8/15/14		1310	
Sampled by: <u>[Signature]</u>		Date		Time		Received by: <u>[Signature]</u>		Date		Time	
Relinquished by: <u>[Signature]</u>		Date		Time		Received by: <u>[Signature]</u>		Date		Time	
Relinquished by: <u>[Signature]</u>		Date		Time		Received by: <u>[Signature]</u>		Date		Time	
Relinquished by: <u>[Signature]</u>		Date		Time		Received by: <u>[Signature]</u>		Date		Time	
Remarks		Project Address: <u>1400 N. 3rd St Alexandria VA</u>		Email: <u>EGREDD@egredd.com</u>		Email: <u>EGREDD@egredd.com</u>		Phone: <u>814-946-4306</u>		Fax: <u>814-946-8791</u>	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-72D-20140816	4H18051-01	Water	Grab	08/16/14 10:15	08/18/14 16:00
MW-31-20140816	4H18051-02	Water	Grab	08/16/14 10:20	08/18/14 16:00
MW-107-20140816	4H18051-03	Water	Grab	08/16/14 10:25	08/18/14 16:00
MW-11-20140816	4H18051-04	Water	Grab	08/16/14 10:05	08/18/14 16:00
MW-27-20140816	4H18051-05	Water	Grab	08/16/14 10:10	08/18/14 16:00
MW-16S-20140816	4H18051-06	Water	Grab	08/16/14 10:35	08/18/14 16:00
MW-51D-20140816	4H18051-07	Water	Grab	08/16/14 10:55	08/18/14 16:00

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-72D-20140816

Date/Time Sampled: 08/16/14 10:15

Laboratory Sample ID: 4H18051-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	1340		153	ug/l	08/21/14 16:28	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	71.1 %		40-140		08/21/14 16:28	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-31-20140816

Date/Time Sampled: 08/16/14 10:20

Laboratory Sample ID: 4H18051-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

AAa

Diesel Range Organics	27200		7500	ug/l	08/21/14 20:59	EPA 8015D mod	rsr	
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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-107-20140816

Date/Time Sampled: 08/16/14 10:25

Laboratory Sample ID: 4H18051-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	8540		1500	ug/l	08/21/14 17:57	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		67.8 %	40-140		08/21/14 17:57	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-11-20140816

Date/Time Sampled: 08/16/14 10:05

Laboratory Sample ID: 4H18051-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	423		152	ug/l	08/21/14 21:42	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	63.4 %		40-140		08/21/14 21:42	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-27-20140816

Date/Time Sampled: 08/16/14 10:10

Laboratory Sample ID: 4H18051-05 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	1490		153	ug/l	08/21/14 22:26	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	89.9 %		40-140		08/21/14 22:26	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-16S-20140816

Date/Time Sampled: 08/16/14 10:35

Laboratory Sample ID: 4H18051-06 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	1720		1500	ug/l	08/21/14 23:10	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	35.1 %		40-140		08/21/14 23:10	EPA 8015D mod	rsr	2n

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Client Sample ID: MW-51D-20140816

Date/Time Sampled: 08/16/14 10:55

Laboratory Sample ID: 4H18051-07 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	281000		60000	ug/l	08/25/14 16:34	EPA 8015D mod	rsr	AA 2a, 2b

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 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Notes

- 2a The RPD result exceeded the QC control limits for the duplicate, LCSD or MSD sample analyzed.
- 2b The spike recovery was outside acceptance limits for the MS and/or MSD. Data accepted based on acceptable LCS recovery.
- 2n The surrogate value is not within the indicated range, results are considered to be estimated.
- AA Due to the dilution required by the concentration of the target analyte, the surrogate could not be recovered for this sample.
- AAa Due to the dilution required by the concentration of the target analyte, the surrogate is not recoverable for this sample.
- U Analyte included in the analysis, but not detected



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 Project Number: 04-02859
 Collector: JP
 Number of Containers: 7

Reported:
 08/26/14 15:50

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

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FAIRWAY LABORATORIES
Environmental Laboratory

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Page 1 of 2

COC #

4H18051

Client Name: GES
Address: 1350 Blair Drive
Odenton Md. 21113
Contact: Greg Reichart
Phone #: 1800 220-3606
Fax #: 410 721-3733
Project Name: NR6-PR65
Quote/PO #: 0402059-~~HEE1119~~
TAT: Normal Rush
Rush TAT subject to pre-approval and surcharge
Date Required: 8/22/14

Received on ice? Y N
Sample Temp: _____
PWSID # _____
Reportable to PADEP? Yes
Matrix

Sample Description/Location	GRAB	Composite	Composite Start	Composite End	GRAB -01-	Solid			# of Containers	Analyses Requested	Bottle Type/Comments
						Water	Other	Matrix			
<u>MMW-72D</u>	X					X			1	X	
<u>MMW-31</u>						X			1	X	
<u>MMW-107</u>						X			1	X	
<u>MMW-11</u>						X			1	X	
<u>MMW-27</u>						X			1	X	
<u>MMW-16S</u>						X			1	X	
<u>MMW-51D</u>	X					X			1	X	

Start Date Start Time End Date End Time

Received by: Denise Woodruff 8-16-14 10:15
Received by: Denise Woodruff 8-18-14 10:25
Received by: Denise Woodruff 8-18-14 10:10
Received by: Denise Woodruff 8-16-14 10:35
Received by: Denise Woodruff 8-16-14 10:55

Relinquished by: Denise Woodruff 8-18-14 12:30
Relinquished by: Denise Woodruff 8/18/14 12:30
Relinquished by: Denise Woodruff 8/18/14 12:20
Relinquished by: Denise Woodruff 8/18/14 12:20

Received by: Denise Woodruff 8-18-14 08:00
Received by: Denise Woodruff 8/18/14 12:20
Received by: Denise Woodruff 8/18/14 12:20
Received by: Denise Woodruff 8/18/14 12:20

Remarks: Project address: 1400 N. Royal St. Alexandria Va.
email reports to mlabs@esonline.com
email EQSD package to jessie.egus@esonline.com
EQSD Fk Name: NR6 PR65-Lab
report number: 25800. EQSD.D.ZIP

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.

Chain of Custody Receiving Document

Receiver: [Signature]

Page 2 of 2

#2

Date/Time of this check: 8-18-14 16:30 Client: CEIS Lab # 4418051

Received on ICE? * Sample Temperature when delivered to the Lab: 46 Acceptable? * or In cool down process? *

Custody Seals? 4 Intact? 4

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * Matrix: WWR

COC #	Number and Type of BOTTLES							Comments			
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?)		Other	Properly Preserved	Bact
1				1				<input type="checkbox"/> *	<input checked="" type="checkbox"/> *		
2				1							
3											
4											
5											
6											
7											

<p>* DEVIATION PRESENT:</p> <p><input type="checkbox"/> No Ice ()</p> <p><input type="checkbox"/> Not at Proper Temperature ()</p> <p><input type="checkbox"/> Wrong Container ()</p> <p><input type="checkbox"/> Missing Information: ()</p>	<p>CLIENT CALLED:</p> <p>YES ()</p> <p>By Whom: _____</p> <p>Date: _____</p>	<p>CLIENT RESPONSE:</p> <p>Proceed with analysis; qualify data ()</p> <p>Will Resample ()</p> <p>Provided Information ()</p> <p>No Response; Proceed and qualified ()</p> <p>Client Contact: _____</p> <p>Date: _____</p>
--	--	--

* Comments: _____



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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-33-20140815	4H18052-01	Water	Grab	08/15/14 11:45	08/18/14 16:00
MW-30-20140815	4H18052-02	Water	Grab	08/15/14 12:00	08/18/14 16:00
MW-72S-20140815	4H18052-03	Water	Grab	08/15/14 12:50	08/18/14 16:00
MW-14-20140815	4H18052-04	Water	Grab	08/15/14 12:10	08/18/14 16:00
MW-25S-20140815	4H18052-05	Water	Grab	08/15/14 12:20	08/18/14 16:00
MW-10-20140815	4H18052-06	Water	Grab	08/15/14 12:30	08/18/14 16:00
MW-51S-20140815	4H18052-07	Water	Grab	08/15/14 12:40	08/18/14 16:00
MW-100S-20140815	4H18052-08	Water	Grab	08/15/14 12:55	08/18/14 16:00
MW-100D-20140815	4H18052-09	Water	Grab	08/15/14 13:00	08/18/14 16:00
MW-70D-20140815	4H18052-10	Water	Grab	08/15/14 13:10	08/18/14 16:00

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-33-20140815

Date/Time Sampled: 08/15/14 11:45

Laboratory Sample ID: 4H18052-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	440		153	ug/l	08/22/14 00:37	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	98.8 %		40-140		08/22/14 00:37	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-30-20140815

Date/Time Sampled: 08/15/14 12:00

Laboratory Sample ID: 4H18052-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	7040		1500	ug/l	08/22/14 01:21	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		66.8 %	40-140		08/22/14 01:21	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-72S-20140815

Date/Time Sampled: 08/15/14 12:50

Laboratory Sample ID: 4H18052-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	5980		758	ug/l	08/25/14 15:06	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		116 %	40-140		08/25/14 15:06	EPA 8015D mod	rsr	

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Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-14-20140815

Date/Time Sampled: 08/15/14 12:10

Laboratory Sample ID: 4H18052-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	305		152	ug/l	08/22/14 02:48	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	76.3 %		40-140		08/22/14 02:48	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-25S-20140815

Date/Time Sampled: 08/15/14 12:20

Laboratory Sample ID: 4H18052-05 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	49000		12000	ug/l	08/25/14 15:49	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	30.4 %		40-140		08/25/14 15:49	EPA 8015D mod	rsr	2n

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-10-20140815

Date/Time Sampled: 08/15/14 12:30

Laboratory Sample ID: 4H18052-06 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	36000		3000	ug/l	08/22/14 04:16	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		173 %	40-140		08/22/14 04:16	EPA 8015D mod	rsr	2n

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-51S-20140815

Date/Time Sampled: 08/15/14 12:40

Laboratory Sample ID: 4H18052-07 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	1590		300	ug/l	08/22/14 08:43	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>	<i>13.3 %</i>		<i>40-140</i>		<i>08/22/14 08:43</i>	<i>EPA 8015D mod</i>	rsr	2n

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 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-100S-20140815

Date/Time Sampled: 08/15/14 12:55

Laboratory Sample ID: 4H18052-08 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	<300		300	ug/l	08/22/14 09:27	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl		100 %	40-140		08/22/14 09:27	EPA 8015D mod	rsr	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-100D-20140815

Date/Time Sampled: 08/15/14 13:00

Laboratory Sample ID: 4H18052-09 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	<152		152	ug/l	08/25/14 13:30	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl		115 %	40-140		08/25/14 13:30	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Client Sample ID: MW-70D-20140815

Date/Time Sampled: 08/15/14 13:10

Laboratory Sample ID: 4H18052-10 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	<153		153	ug/l	08/25/14 14:12	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	65.2 %		40-140		08/25/14 14:12	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 04-02859
 Collector: JP
 Number of Containers: 10

Reported:
 08/26/14 15:59

Notes

- 2n The surrogate value is not within the indicated range, results are considered to be estimated.
- U Analyte included in the analysis, but not detected

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

2019 9th Ave.
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Altoona, PA 16602
Phone: (814) 946-4306
Fax: (814) 946-8791

FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380

4H8052
COC #
Page 1 of 2

#1

Client Name: <u>GES</u>		Address: <u>1350 Blair Drive</u>		Contact: <u>Greg Rechart</u>		Phone #: <u>1 800 224-3606</u>		Fax #: <u>710 221-3733</u>		Project Name: <u>NRG - PRGS</u>		Quote/PO #: <u>04-02859-NRG</u>	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Rush TAT subject to pre-approval and surcharge		Date Required: <u>8/22/14</u>		GRAB		Composite		Received on ice? Y N		Sample Temp: _____	
Sample Description/Location		Start Date		Start Time		End Date		End Time		GRAB -or- Composite		Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/>	
MW-33		X				8/5/14		1145		GRAB		PW/SID # _____	
MW-30								1200		Matrix		Solid	
MW-72S								1250		Water		X	
MW-14								1210		Other		# of Containers	
MW-25S								1220		TPH - DRO (8015)		X	
MW-10								1230					
MW-51S								1240					
MW-100S								1255					
MW-100 D								1300					
MW-70D		X				8-5-14		1310					
Sampled by: <u>[Signature]</u>		Date: <u>8/5/14</u>		Time: <u>1530</u>		Received by: <u>[Signature]</u>		Date: <u>8-18-14</u>		Time: <u>0800</u>		Remarks	
Relinquished by: <u>[Signature]</u>		Date: <u>8-18-14</u>		Time: <u>1500</u>		Received by: <u>[Signature]</u>		Date: <u>8/18/14</u>		Time: <u>1220</u>		Project address: <u>1400 N. Royal St. Alexandria, Va.</u>	
Relinquished by: <u>[Signature]</u>		Date: <u>8/14/14</u>		Time: <u>1400</u>		Received by: <u>[Signature]</u>		Date: <u>8/14/14</u>		Time: <u>1220</u>		Email results to ml.labs@gesonline.com Email QA/QC package to gres@gesonline.com Email QA/QC File Name: NRG PRGS - Lab report Number: 25800, EQEDD.21P	
Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____			

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLI File Canary - FLI Copy Pink - Customer Receipt Copy

Chain of Custody Receiving Document

Page

2 of 2

#2

Receiver: [Signature]

Date/Time of this check: 8-18-14 16:30 client: ALIS Lab # 4418052

Received on ICE? * Sample Temperature when delivered to the Lab: 44 Acceptable? * or In cool down process? *

Custody Seals? 44 Intact? 44

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * Matrix: WWR

COC #	Number and Type of BOTTLES							Comments			
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?)		Other	Property Preserved	Bacti
1								<input type="checkbox"/> *	<input checked="" type="checkbox"/> *		
10											

* DEVIATION PRESENT:

No Ice ()

Not at Proper Temperature ()

Wrong Container ()

Missing Information: ()

CLIENT CALLED: YES ()

By Whom: _____ Date: _____

CLIENT RESPONSE:

Proceed with analysis; quality data ()

Will Resample ()

Provided Information ()

No Response; Proceed and qualified ()

Client Contact: _____ Date: _____

* Comments:



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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-109S-20140821	4H22077-01	Water	Grab	08/21/14 13:50	08/22/14 14:15
MW-109D-20140821	4H22077-02	Water	Grab	08/21/14 13:55	08/22/14 14:15
MW-111D-20140821	4H22077-03	Water	Grab	08/21/14 14:47	08/22/14 14:15
MW-113D-20140821	4H22077-04	Water	Grab	08/21/14 14:25	08/22/14 14:15
MW-114D 16.5-17'-20140821	4H22077-05	Solid	Grab	08/21/14 10:43	08/22/14 14:15
MW-114D 12-12.5'-20140821	4H22077-06	Solid	Grab	08/21/14 10:37	08/22/14 14:15

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Client Sample ID: MW-109S-20140821

Date/Time Sampled: 08/21/14 13:50

Laboratory Sample ID: 4H22077-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	7500		1540	ug/l	08/29/14 07:57	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		130 %	40-140		08/29/14 07:57	EPA 8015D mod	rsr	

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 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Client Sample ID: MW-109D-20140821

Date/Time Sampled: 08/21/14 13:55

Laboratory Sample ID: 4H22077-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	<600		600	ug/l	08/29/14 08:39	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	71.6 %		40-140		08/29/14 08:39	EPA 8015D mod	rsr	

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 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Client Sample ID: MW-111D-20140821

Date/Time Sampled: 08/21/14 14:47

Laboratory Sample ID: 4H22077-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	<600		600	ug/l	08/29/14 09:22	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	50.1 %		40-140		08/29/14 09:22	EPA 8015D mod	rsr	

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 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Client Sample ID: MW-113D-20140821

Date/Time Sampled: 08/21/14 14:25

Laboratory Sample ID: 4H22077-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	<600		600	ug/l	08/29/14 10:06	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl	86.8 %		40-140		08/29/14 10:06	EPA 8015D mod	rsr	

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 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Client Sample ID: MW-114D 16.5-17'-20140821

Date/Time Sampled: 08/21/14 10:43

Laboratory Sample ID: 4H22077-05 (Solid/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	328.7		139.8	mg/kg dry	08/27/14 12:06	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		72.6 %		40-140	08/27/14 12:06	EPA 8015D mod	rsr	

Conventional Chemistry Parameters by SM/EPA Methods

% Solids	89.2		0.100	%	08/25/14 15:25	SM20-2540G	arr	
-----------------	------	--	-------	---	----------------	------------	-----	--

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Client Sample ID: MW-114D 12-12.5'-20140821

Date/Time Sampled: 08/21/14 10:37

Laboratory Sample ID: 4H22077-06 (Solid/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	<27.07		27.07	mg/kg dry	08/26/14 21:40	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		78.6 %		40-140	08/26/14 21:40	EPA 8015D mod	rsr	

Conventional Chemistry Parameters by SM/EPA Methods

% Solids	91.3		0.100	%	08/25/14 15:25	SM20-2540G	arr	
----------	------	--	-------	---	----------------	------------	-----	--

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG
 Project Number: [none]
 Collector: CLIENT
 Number of Containers: 6

Reported:
 09/02/14 17:19

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.



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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876-T119
 Collector: JP
 Number of Containers: 3
Reported:
 09/02/14 15:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-114-20140825	4H26109-01	Water	Grab	08/25/14 10:30	08/26/14 16:45
MW-110-20140825	4H26109-02	Water	Grab	08/25/14 10:40	08/26/14 16:45
MW-110S-20140825	4H26109-03	Water	Grab	08/25/14 10:50	08/26/14 16:45

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876-T119
 Collector: JP
 Number of Containers: 3
Reported:
 09/02/14 15:29

Client Sample ID: MW-114-20140825

Date/Time Sampled: 08/25/14 10:30

Laboratory Sample ID: 4H26109-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Diesel Range Organics by EPA 8015								
Diesel Range Organics	<600		600	ug/l	08/29/14 10:49	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl	69.4 %		40-140		08/29/14 10:49	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876-T119
 Collector: JP
 Number of Containers: 3
Reported:
 09/02/14 15:29

Client Sample ID: MW-110-20140825

Date/Time Sampled: 08/25/14 10:40

Laboratory Sample ID: 4H26109-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	--------	-----------	------

Diesel Range Organics by EPA 8015

Diesel Range Organics	<153		153	ug/l	08/29/14 11:33	EPA 8015D mod	rsr	U
Surrogate: o-Terphenyl		102 %	40-140		08/29/14 11:33	EPA 8015D mod	rsr	

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GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876-T119
 Collector: JP
 Number of Containers: 3
Reported:
 09/02/14 15:29

Client Sample ID: MW-110S-20140825

Date/Time Sampled: 08/25/14 10:50

Laboratory Sample ID: 4H26109-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Diesel Range Organics by EPA 8015

Diesel Range Organics	6630		1500	ug/l	08/29/14 16:37	EPA 8015D mod	rsr	
<i>Surrogate: o-Terphenyl</i>		141 %	40-140		08/29/14 16:37	EPA 8015D mod	rsr	2n

Fairway Laboratories, Inc.

Fairway Labs in Altoona, PA is a NELAP (National Environmental Laboratory Accreditation Program) accredited lab, and as such, certifies that all applicable test results meet the requirements of NELAP, unless otherwise stated on the analytical report.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



2019 Ninth Avenue
 PO Box 1925
 Altoona, PA 16603
 (814) 946-4306
 NELAP: PA 07-062, VA 460212

89 Kristi Road
 Pennsdale, PA 17756
 (570) 494-6380
 PaDEP: PA 41-04684



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

GES Maryland
 1350 Blair Drive, Suite A
 Odenton MD, 21113
 Project Manager: Greg Reichart

Project: NRG-PRGS
 Project Number: 0402859-11876-T119
 Collector: JP
 Number of Containers: 3
Reported:
 09/02/14 15:29

Notes

- 2j Sample was analyzed at a dilution due to the matrix.
- 2n The surrogate value is not within the indicated range, results are considered to be estimated.
- U Analyte included in the analysis, but not detected

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

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FAIRWAY LABORATORIES
Environmental Laboratory

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4426109 #1
COC #
Page 1 of 2

Client Name: <u>GES</u>		Address: <u>1350 Blair Drive</u>		Received on ice? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		Reportable to PADEP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		PWSID #		Analyses Requested		LAB USE ONLY FedEx USPS UPS Other	
Contact: <u>Greg Kerhart</u>		Phone #: <u>1800 220-3606</u>		Sample Temp:		Matrix		TPH-DRO (8015)		Tracking #			
Fax #: <u>410 721-3733</u>		Project Name: <u>NRG-PRG'S</u>		Composite Start		GRAB -01- Composite End				Bottle Type/Comments			
Quote/PO #: <u>0402859-11876-719</u>		TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Composite End		Solid							
Rush TAT subject to pre-approval and surcharge		Date Received: <u>11/21/14</u>		GRAB		Water							
Sample Description/Location		Start Date		Start Time		End Date		End Time		# of Containers			
<u>PMW-114</u>		<input checked="" type="checkbox"/>				<u>8-25-14</u>		<u>1030</u>		<input checked="" type="checkbox"/>			
<u>PMW-110</u>		<input checked="" type="checkbox"/>				<u>8-25-14</u>		<u>1040</u>		<input checked="" type="checkbox"/>			
<u>PMW-110S</u>		<input checked="" type="checkbox"/>				<u>8-25-14</u>		<u>1050</u>		<input checked="" type="checkbox"/>			
Sampled by: <u>[Signature]</u>		Date: <u>8-25-14</u>		Time: <u>1630</u>		Received by: <u>[Signature]</u>		Date: <u>8-26-14</u>		Time: <u>0800</u>		Remarks: <u>Project address: 1400 N. Royal St. Alexandria Va.</u>	
Relinquished by: <u>[Signature]</u>		Date: <u>8-26-14</u>		Time: <u>1215</u>		Received by: <u>[Signature]</u>		Date: <u>8/26/14</u>		Time: <u>1215</u>		Remarks: <u>Final EACEDD package to go to eaw.com</u>	
Relinquished by: <u>[Signature]</u>		Date: <u>8/26/14</u>		Time: <u>1645</u>		Received by: <u>[Signature]</u>		Date: <u>8/26/14</u>		Time: <u>1215</u>		Remarks: <u>Final EACEDD package to go to eaw.com</u>	
Relinquished by: <u>[Signature]</u>		Date: <u>8/26/14</u>		Time: <u>1645</u>		Received by: <u>[Signature]</u>		Date: <u>8/26/14</u>		Time: <u>1215</u>		Remarks: <u>Final EACEDD package to go to eaw.com</u>	

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White - Original - FLL File Canary - FLL Copy Pink - Customer Receipt Copy

