Groundwater
& Environmental Services, Inc.

1350 Blair Drive • Suite A • Odenton, Maryland 21113 • (800) 220-3606 • FAX (410) 721-3733

October 30, 2014

Ms. Jeannette DeBartolomeo
Oil Control Program
Maryland Department of the Environment
1800 Washington Blvd, Suite 620
Baltimore, Maryland 21230

RE: **SECOND SEMIANNUAL 2014 MONITORING REPORT**
MDE Case #2006-0442HA
High's Store #130
4101 Norrisville Road, Madonna, Harford County, Maryland
Facility ID No. 2057

Dear Ms. DeBartolomeo:

Groundwater & Environmental Services, Inc. (GES), on behalf of High's of Baltimore, L L C (High's), is pleased to submit the Second Semiannual 2014 Monitoring Report for the above mentioned site. The following activities were conducted during this monitoring period:

- Semiannual gauging and sampling of monitoring wells and tank field wells;
- Quarterly sampling of the granular activated carbon (GAC) filtration system at 3914 Madonna Rd;
- Quarterly sampling of residential potable wells at 3921 Greenpeak Rd and 3922 Greenpeak Rd.
- Additional samples were collected in June at the request of the MDE; and
- Multiple attempts were made to obtain the annual sample for the supply well at 3908 Madonna Rd during the second and third quarters of 2014, but these attempts were unsuccessful due to the property owner's unresponsiveness. Additional attempts will be made to collect this annual sample during the fourth quarter.

The results of the August 22, 2014 sampling of 3921 Greenpeak Rd indicated that the MTBE concentrations exceeded the MDE action level for MTBE of 20 ug/l. The MDE issued a directive letter on September 23, 2014 requiring the installation of a GAC filtration system at 3921 Greenpeak Rd no later than October 30, 2014. On October 16, 2014, High's submitted a response to the MDE site status letter refuting the MDE's position that High's Store 130 is the source of the MTBE at 3921 Greenpeak Rd.; however, High's will pursue access to 3921 Greenpeak Rd and, if granted, install and maintain a GAC filtration system. Additionally, High's will also be pursuing additional groundwater studies to demonstrate that its store is not the source of the contamination.

An access agreement was sent to the property owner at 3921 Greenpeak Rd. Upon return of the property owner's signed Access Agreement, a GAC filtration system will be installed per the September 23, 2014 MDE-OCP directive.

GES appreciates the continued guidance of the MDE on this project. If you have any questions or would like additional information please contact the undersigned at (800) 220-3606, extension 3717 or Herb Meade at (410) 261-5450.

Sincerely,

Gregory Reichart
Project Manager

Enclosure

c: Jeannette DeBartolomeo – MDE (3 additional copies & CD)
Herb Meade – (electronic copy)
Todd Passmore – Apex
File – GES, MD (PSID 474618)

CONSULTANT CONTACT	Gregory Reichart, Groundwater & Environmental Services, Inc.
CLIENT CONTACT	Herb Meade, High's of Baltimore
SITE USE	Active commercial store and service station that operates one 10,000-gallon gasoline, two 8,000-gallon gasoline, and one 10,000-gallon compartmentalized diesel/kerosene.
SURROUNDING AREA	Residential and commercial
SENSITIVE RECEPTORS	Potable Wells: This site is served by one onsite supply well. The surrounding commercial and residential properties are all served by potable wells. Schools/Daycare/Hospitals: None Surface Water/Wetlands: None

HISTORICAL ACTIVITY SUMMARY

1992	Four underground storage tanks (UST) were installed: one 10,000-gallon gasoline, two 8,000-gallon gasoline, and one 10,000-gallon compartmentalized diesel/kerosene.
06/2005	Three monitoring wells were installed pursuant to the new MTBE emergency regulations (COMAR 26.10.02).
09/28/05	The MDE-OCP received electronic notification from High's consultants of preliminary groundwater sampling data collected at 18 facilities operated by High's of Baltimore. The preliminary data included sampling results for the onsite drinking water well and monitoring well network located at Madonna High's No. 130.
11/30/05	The MDE-OCP issued a directive letter to High's requiring to perform UST vapor leak testing, UST system self-audit, conduct semiannual sampling of all monitoring wells and tank field monitoring pipes, conduct semiannual sampling of the onsite supply well and perform a half-mile drinking water well survey.
01/24/06	The MDE-OCP received the storage system test results, well receptor survey, and well sampling results.
02/08/06	The MDE-OCP received additional well receptor survey information.
11/13/06	The MDE-OCP received the storage system test results.
2/5/07	The MDE-OCP issues Official Notice requiring UST inspection by certified UST inspector within 30 days.
03/16/07	The MDE-OCP received the results of the spill basin and containment sump testing, performed 07/21/06. All spill basins and containment sumps passed.
12/24/07	The MDE-OCP received the results of the spill basin performed 12/20/07. All spill basins passed.
6/27/08	High's of Baltimore submits correspondence titled *Request for Reduction of Sampling Parameters* to MDE-OCP.
07/18/08	Based on the results in *Adjacent Well Sampling Event*, the MDE-OCP required that a granular activated carbon (GAC) filtration system be installed at 3914 Madonna Rd by August 2008.
10/8/08	The MDE-OCP issues correspondence titled *Reduction in Sampling Parameters Denied.*
3/24/09	The MDE-OCP issues *Request for Subsurface Investigation* directive to the DNR Ranger Station facility located at 3919 Madonna Rd, Jarrettsville, MD.
1/7/10	The MDE-OCP issues *Official Notice* requiring UST inspection by certified UST inspector within 30 days.

HISTORICAL ACTIVITY SUMMARY (CONT.)

6/22/10	The MDE-OCP issues correspondence to the 3919 Madonna Rd DNR Ranger Facility requesting an additional monitoring well at the property.
12/13/10	The MDE-OCP issues a *Site Status Letter* regarding determinations made from recent investigations at both the High's Store #130 and the 3919 Madonna Rd DNR Ranger Station. High's of Baltimore identified as responsible party for petroleum impacts at the 3914 and 3922 Madonna Rd and 3922 Greenpeak Rd properties.
04/2011	The Harford County Health Department collects additional water samples in the area including the 3921 Greenpeak Rd residence.
5/17/11	MDE grants Freedom of Information Act (FOIA) request to Nutshell Enterprises, regarding the Madonna Rd State Tower (DNR Ranger facility).
02/17/12	The MDE-OCP issues a *Site Status Letter* directing High's of Baltimore to continue the following: maintaining the GAC filtration system operation, quarterly sampling (and maintenance as needed) of the 3914 Madonna Rd carbon system, quarterly sampling at the 3921 Greenpeak Rd residence, annual sampling of the High's Store #130 onsite supply well, and semiannual sampling of the monitoring well network and tank field wells.
3/16/12	GES assumes role as environmental consultant for the project on behalf of High's of Baltimore.
5/15/12	The MDE-OCP provides clarification via email correspondence regarding a required quarterly sampling frequency for the 3922 Greenpeak Rd residence.
7/23/12	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
5/28/13	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
5/27/14	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
8/2214	MTBE concentrations exceeded the MDE action level of 20 ug/l.
9/23/14	The MDE issued a directive letter requiring the installation of a GAC filtration system at 3921 Greenpeak Rd no later than October 30, 2014 and to commence monthly sampling of the GAC filtration system before November 15, 2014 for a three month duration.
10/10/14	An Access Agreement was sent to the property owner of 3921 Greenpeak Rd
10/16/14	High's submitted a response to the MDE site status letter refuting the MDE's position that High's Store 130 is the source of the MTBE at 3921 Greenpeak Rd.; however, High's will pursue access to 3921 Greenpeak Rd and, if granted, install and maintain a GAC filtration system. Additional, High's will also be pursuing additional groundwater studies to demonstrate that its store is not the source of the contamination.

REGULATORY INTERACTION

Agency:	Maryland Department of the Environment
Agency Contact:	Jeannette DeBartolomeo
MDE Case #:	2006-0442HA

SCHEDULE OF ROUTINE ACTIVITIES

Groundwater Sampling:	Semiannual – All monitoring wells and tank field wells
Laboratory Analyses:	*Full-suite volatile organic compounds (VOCs), including oxygenates, via EPA Method 8015 and TPH-GRO and TPH-DRO via EPA Method 8260*
GAC System Location:	**Sampling Frequency:**
3914 Madonna Rd	Quarterly

Potable Well Location:	**Sampling Frequency:**
3908 Madonna Rd	Annually
3921 Greenpeak Rd	Quarterly (monthly following GAC system installation)
3922 Greenpeak Rd	Quarterly
3922 Madonna Rd	Annually
Onsite Supply Well Sampling:	**Sampling Frequency:**
4101 Norrisville Rd	Annually
Laboratory Analyses:	*Full-suite VOCs, including oxygenates, via EPA Method 524.2*

SEMIANNUAL GROUNDWATER DATA SUMMARY

Groundwater Sampling Date:	August 22, 2014
# of Wells/# Sampled (including TF wells):	7/3 (TF wells not sampled due to insufficient water)
Groundwater Elevation Range (ft):	76.77 feet (MW-1) to 78.49 feet (MW-2)
Maximum Benzene:	Non-detect
Maximum BTEX:	Non-detect
Maximum MTBE:	8.08 µg/L (MW-1)
Maximum TPH-DRO:	Non-detect
Maximum TPH-GRO:	Non-detect

FUTURE ACTIVITIES

- Conduct quarterly residential well sampling
- Continue maintenance of the GAC filtration system at 3914 Madonna Rd
- Additional attempt to collect an annual sample at 3908 Madonna Rd
- Installation of a GAC filtration system at 3921 Greenpeak Rd followed by monthly sampling
- Additional groundwater investigations

ATTACHMENTS

FIGURES

Figure 1	Site Location Map
Figure 2	Local Area Map
Figure 3	Site Map
Figure 4	Groundwater Monitoring Map

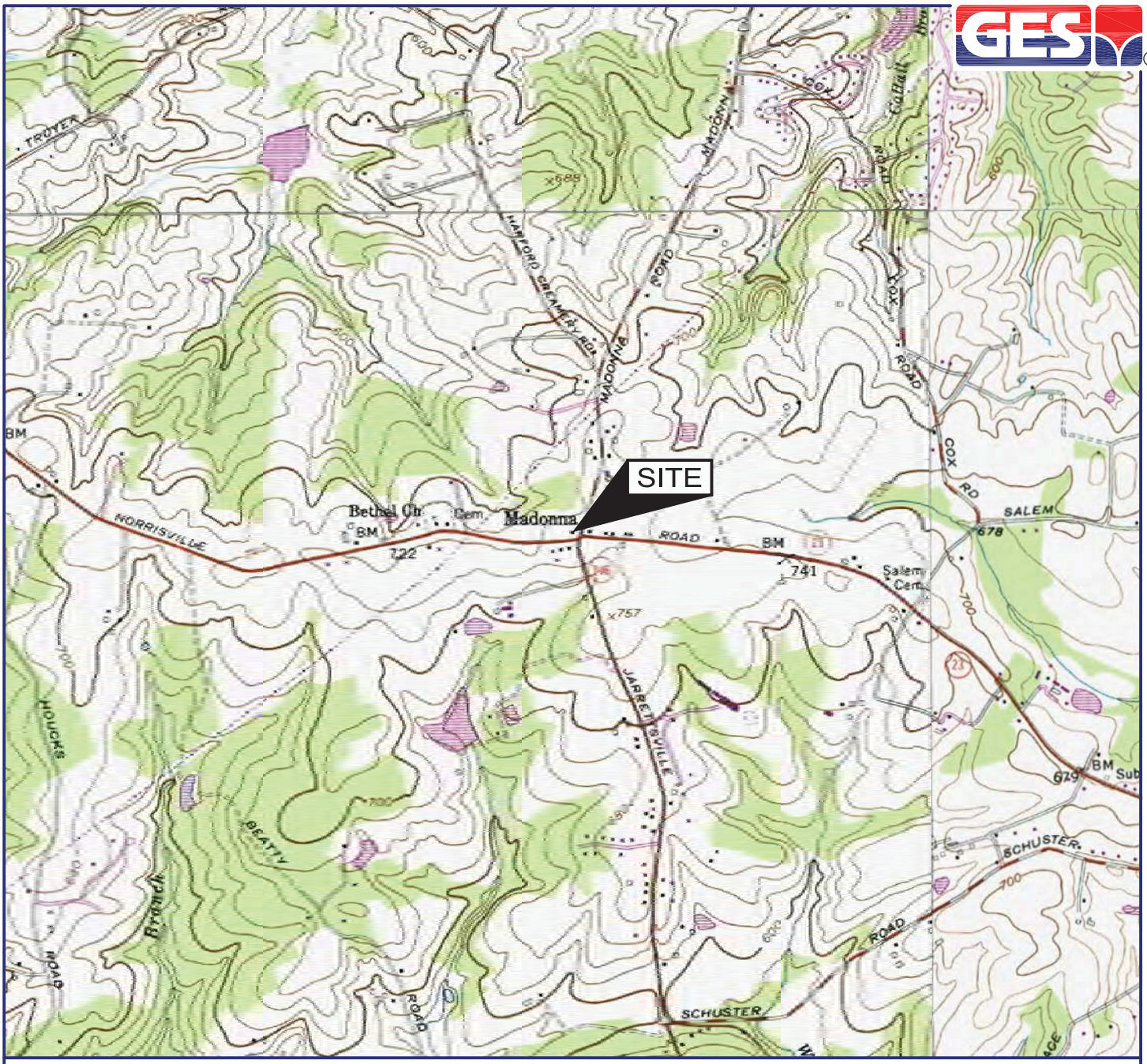
TABLES

Table 1	Historical Monitoring Well Analytical Data Summary
Table 2	Historical Potable Well Analytical Data Summary

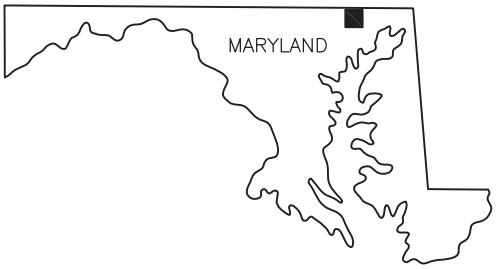
APPENDIX

Appendix A	Laboratory Reports and Chain-of-Custody Documentation

FIGURES



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1974
PHOENIX, MARYLAND
CONTOUR INTERVAL = 20'



QUADRANGLE LOCATION

DRAFTED BY: B.C.S. (N.J.)	SITE LOCATION MAP
CHECKED BY: DR	HIGH'S STORE #130 4101 NORRISVILLE ROAD MADONNA, MARYLAND
REVIEWED BY: GR	
NORTH	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113

SCALE IN FEET	DATE	FIGURE
0 — 2000	4-9-12	1

L:\Projects\Carroll Fuel\Active\MD_Madonna _4101 Norrisville Rd_Highs\Graphics

GES®

LEGEND

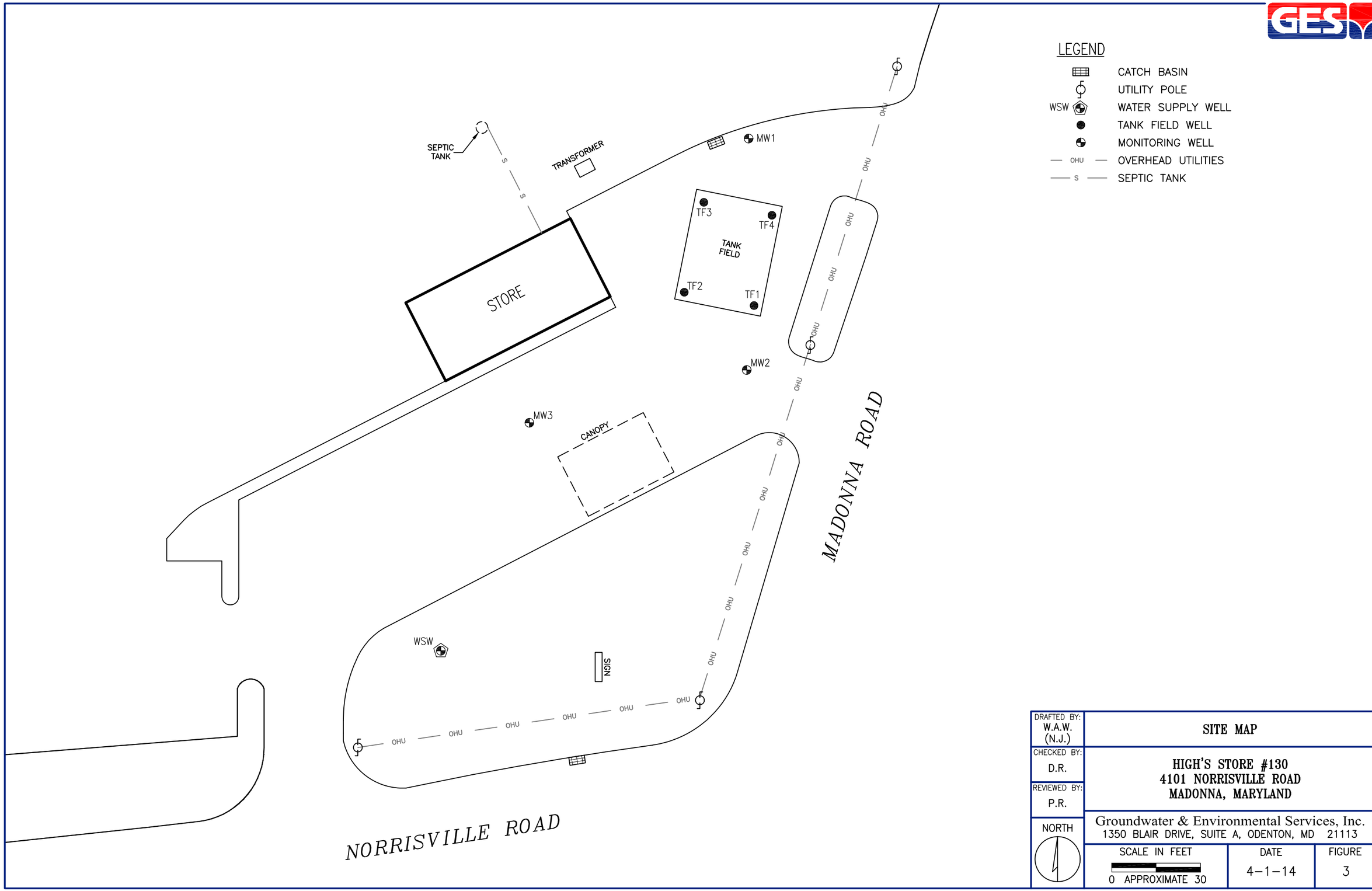
APPROXIMATE PROPERTY BOUNDARY

1. 3934 MADONNA ROAD
2. 3928 MADONNA ROAD
3. 3925 GREENPEAK ROAD
4. 3923 GREENPEAK ROAD
5. 3922 MADONNA ROAD (ANNUAL)
6. 3921 GREENPEAK ROAD (QUARTERLY)
7. 3922 GREENPEAK ROAD (QUARTERLY)
8. 3924 GREENPEAK ROAD
9. 3914 MADONNA ROAD (QUARTERLY)
10. 3908 MADONNA ROAD (ANNUAL)
11. 3931–3941 MADONNA ROAD
12. 3923 MADONNA ROAD
13. 3917–3919 MADONNA ROAD
14. 3911 MADONNA ROAD
15. 4111 CHARBONNET DRIVE
16. 4065 NORRISVILLE ROAD

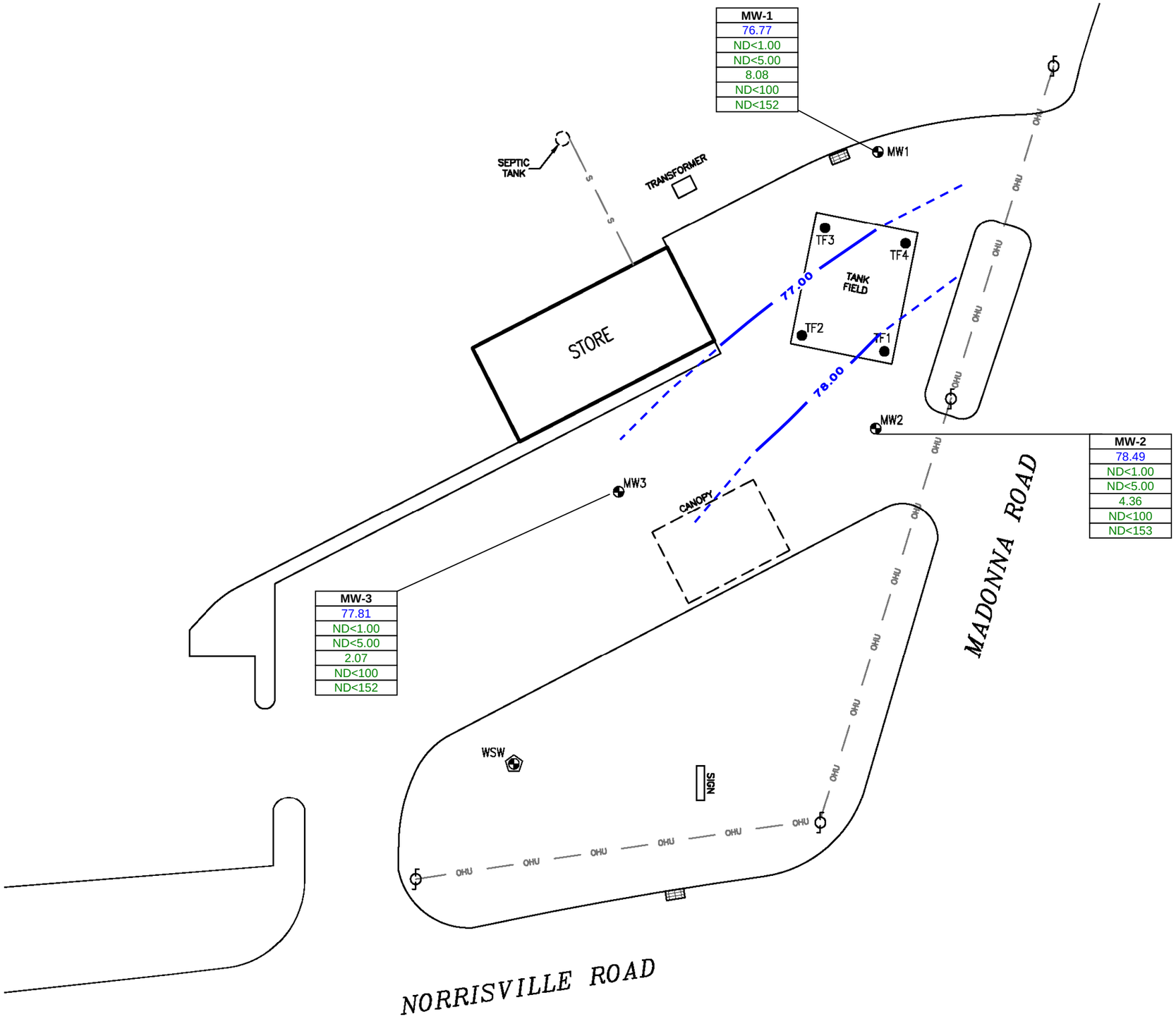
Note:
1. Sample frequency is listed in parenthesis next to the address.

DRAFTED BY: W.A.W. (N.J.)	LOCAL AREA MAP
CHECKED BY: DR	HIGH'S STORE #130 4101 NORRISVILLE ROAD MADONNA, MARYLAND
REVIEWED BY: GR	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET (APPROXIMATE) 0 300 / DATE 4–15–14 / FIGURE 2

M:\Graphics\0400-Crofton\Misc\Carroll Fuels\Carroll Fuels Madonna\Carroll Fuels Madonna LAM.dwg, 4/15/2014 8:33:42 AM, WWesterfund



M:\Graphics\0400-Crofton\Misc\Carroll Fuels\Carroll Fuels Madonna\Carroll Fuels Madonna SM.dwg, 4/2/2014 9:43:22 AM, WWesterfund



LEGEND

- CATCH BASIN
- UTILITY POLE
- WSW — WATER SUPPLY WELL
- TANK FIELD WELL
- MONITORING WELL
- OHU — OVERHEAD UTILITIES
- S — SEPTIC TANK

Sample ID	WELL IDENTIFICATION
GW Elevation	GROUNDWATER ELEVATION (Feet)
Benzene	BENZENE CONCENTRATION (µg/L)
Total BTEX	Total BTEX (µg/L)
MTBE	MTBE CONCENTRATION (µg/L)
TPH-GRO	TPH-GRO CONCENTRATIONS (µg/L)
TPH-DRO	TPH-DRO CONCENTRATIONS (µg/L)

µg/L — MICROGRAMS PER LITER

BTEX — BENZENE, TOLUENE, ETHYLBENZENE, XYLENES

MTBE — METHYL TERT-BUTYL ETHER

TPH — TOTAL PHASE HYDROCARBONS

GRO — GASOLINE RANGE ORGANICS

ND< (#) — WHERE AN ANALYTE IS NOT DETECTED, THE REPORTING LIMIT IS GIVEN

GROUNDWATER CONTOUR INTERVAL (feet)

INFERRED CONTOUR INTERVAL (feet)

DRAFTED BY: SA	**GROUNDWATER MONITORING MAP** **August 22, 2014**
CHECKED BY: DM	**HIGH'S STORE #130** **4101 NORRISVILLE ROAD** **MADONNA, MARYLAND**
REVIEWED BY: GR	**Groundwater & Environmental Services, Inc.** 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET: 0 APPROXIMATE 30 · DATE: 10-22-14 · FIGURE: 4

TABLES

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*						**5.00**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**	**47**	**47**
MW-1	07/13/2005	-	18.71	-	-	ND	2	ND	ND	2	1300	-	-	-	-	-	-	-	-	ND<1000	ND<1000
	12/28/2005	-	21.73	-	-	ND	15	ND	ND	15	1600	-	-	-	-	-	-	-	-	1500	ND
	06/15/2006	-	20.66	-	-	ND	ND	ND	ND	ND	1200	-	-	-	-	-	-	-	-	900	ND
	01/17/2007	-	21.02	-	-	ND	ND	ND	ND	ND	140	-	-	-	-	-	-	-	-	ND	ND
	07/31/2007	-	20.78	-	-	ND	ND	ND	ND	ND	190	-	-	-	-	-	-	-	-	ND	350
	01/23/2008	-	24.44	-	-	ND	ND	ND	ND	ND	76	-	-	-	-	-	-	-	-	ND	ND
	07/24/2008	-	21.68	-	-	ND	ND	ND	ND	ND	210	-	-	-	-	-	-	-	-	300	ND
	01/30/2009	-	25.01	-	33.66	ND	ND	ND	ND	ND	73	-	-	-	-	-	-	-	-	ND	260
	07/20/2009	-	23.51	-	33.66	ND	ND	ND	ND	ND	120	-	-	-	-	-	-	-	-	ND	ND
	03/01/2010	-	18.80	-	-	ND	ND	ND	ND	ND	130	-	-	-	-	-	-	-	-	ND	ND
	07/31/2010	-	19.91	-	33.66	ND	ND	ND	ND	ND	87	-	-	-	-	-	-	-	-	230	ND
	01/31/2011	-	23.41	-	33.66	6	ND	ND	ND	6	47	-	-	-	-	-	-	-	-	ND	260
	07/26/2011	-	19.79	-	33.66	38	ND	ND	ND	38	25	-	-	-	-	-	-	-	-	580	ND
	01/30/2012	-	18.96	-	33.50	27	ND	ND	ND	27	26	-	-	-	-	-	-	-	-	200	250
	07/05/2012	96.13	21.76	74.37	33.61	20.10	ND<2	ND<2	ND<4	20.10	17.60	ND<2	12.30	ND<2	200	ND<2	ND<2	530	ND<2	ND<100	ND<300
	02/18/2013	96.13	23.18	72.95	33.53	8.41	ND<1.00	ND<1.0	ND<2.00	8.41	20.90	ND<1.0	12.10	ND<1.0	ND<5.0	ND<1.0	ND<1.0	402	ND<1.0	ND<100	ND<152
	08/20/2013	96.13	22.15	73.98	34.25	2.24	ND<1.00	ND<1.0	ND<2.00	2.24	9.94	ND<1.0	8.26	ND<1.0	ND<5.0	ND<1.0	ND<1.0	372	ND<1.0	ND<100	ND<300
	03/04/2014	96.13	21.73	74.40	35.70	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	11.2	ND<1.0	12.40	1.18	67.6	ND<1.0	ND<1.0	153	ND<1.0	ND<100	ND<150
	08/22/2014	96.13	19.36	76.77	35.10	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	8.08	ND<1.0	7.13	ND<1.0	37.1	ND<1.0	ND<1.0	73	ND<1.0	ND<100	ND<152
MW-2	07/13/2005	-	19.64	-	-	ND	1.00	ND	ND	1	9	-	-	-	-	-	-	-	-	ND<1000	ND<1000
	12/28/2005	-	22.85	-	-	9	16	6	26	57	15	-	-	-	-	-	-	-	-	300	ND
	06/15/2006	-	21.65	-	-	ND	ND	ND	ND	ND	26	-	-	-	-	-	-	-	-	ND	300
	01/17/2007	-	22.03	-	-	ND	ND	ND	ND	ND	42	-	-	-	-	-	-	-	-	ND	ND
	07/31/2007	-	21.84	-	-	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	380
	01/23/2008	-	25.50	-	-	ND	ND	ND	ND	ND	2	-	-	-	-	-	-	-	-	ND	ND
	07/24/2008	-	22.42	-	-	ND	ND	ND	ND	ND	3	-	-	-	-	-	-	-	-	ND	ND
	01/30/2009	-	25.96	-	30.76	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	ND
	07/20/2009	-	24.35	-	30.76	ND	ND	ND	ND	ND	5	-	-	-	-	-	-	-	-	ND	ND
	03/01/2010	-	19.97	-	-	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	ND
	07/31/2010	-	20.35	-	30.76	ND	ND	ND	ND	ND	3	-	-	-	-	-	-	-	-	ND	ND
	01/31/2011	-	24.14	-	30.76	ND	ND	ND	ND	ND	6	-	-	-	-	-	-	-	-	ND	ND
	07/26/2011	-	20.50	-	30.76	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	ND
	01/30/2012	-	19.96	-	31.20	ND	ND	ND	ND	ND	5	-	-	-	-	-	-	-	-	ND	ND
	07/05/2012	98.39	22.56	75.83	31.22	ND<2	ND<2	ND<2	ND<4	ND<10	5.18	ND<2	ND<2	ND<2	ND<10	ND<2	ND<2	ND<10	ND<2	ND<100	ND<158

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*						**5.00**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**	**47**	**47**
MW-2	02/18/2013	98.39	24.52	73.87	31.25	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	5.85	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<152
(cont.)	08/20/2013	98.39	23.01	75.38	31.11	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	3.64	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<300
	03/04/2014	98.39	23.15	75.24	31.11	ND<1.00	ND<1.00	ND<1.0	ND<2.0	ND<5.0	5.28	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<150
	08/22/2014	98.39	19.90	78.49	31.37	ND<1.00	ND<1.00	ND<1.0	ND<2.0	ND<5.0	4.36	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<153
MW-3	07/13/2005	-	19.79	-	-	ND	1	ND	ND	1	180	-	-	-	-	-	-	-	-	600	ND<1000
	12/28/2005	-	22.91	-	-	6	12	4	21	43	280	-	-	-	-	-	-	-	-	ND	720
	06/15/2006	-	21.70	-	-	ND	ND	ND	ND	ND	330	-	-	-	-	-	-	-	-	ND	ND
	01/17/2007	-	22.16	-	-	ND	ND	ND	ND	ND	140	-	-	-	-	-	-	-	-	ND	ND
	07/31/2007	-	21.98	-	-	ND	ND	ND	ND	ND	190	-	-	-	-	-	-	-	-	ND	ND
	01/23/2008	-	25.46	-	-	ND	ND	ND	ND	ND	69	-	-	-	-	-	-	-	-	ND	ND
	07/24/2008	-	22.49	-	-	ND	ND	ND	ND	ND	12	-	-	-	-	-	-	-	-	ND	ND
	01/30/2009	-	25.84	-	36.03	ND	ND	ND	ND	ND	3	-	-	-	-	-	-	-	-	ND	ND
	07/20/2009	-	24.30	-	36.03	ND	7.00	ND	ND	7	4	-	-	-	-	-	-	-	-	ND	260
	03/01/2010	-	20.03	-	-	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	1100
	07/31/2010	-	20.41	-	36.03	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	240
	01/31/2011	-	23.90	-	36.03	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	450
	07/26/2011	-	20.58	-	36.03	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	ND
	01/30/2012	-	20.04	-	31.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	230
	07/05/2012	97.79	22.60	75.19	30.95	ND<2	ND<2	ND<2	ND<4	ND<10	3.16	ND<2	ND<2	ND<2	ND<10	ND<2	ND<2	ND<10	ND<2	ND<100	261
	02/18/2013	97.79	24.45	73.34	31.40	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	4.66	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	835
	08/20/2013	97.79	23.03	74.76	35.70	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	2.32	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<600
	03/04/2014	97.79	23.21	74.58	34.25	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	3.80	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<153
	08/22/2014	97.79	19.98	77.81	34.93	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<5.0	2.07	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.00	ND<1.0	ND<100	ND<152
TF-1	01/30/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/20/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2010	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2012	-	12.06	-	12.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	12.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	DRY	-	12.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	DRY	-	12.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	DRY	-	12.48	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	DRY	-	12.48	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*						**5.00**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**	**47**	**47**
TF-2	01/30/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/20/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2010	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2012	-	DRY	-	11.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	DRY	-	12.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	DRY	-	12.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	11.95	-	12.06	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	12.01	-	12.04	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
TF-3	01/30/2012	-	12.24	-	12.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	DRY	-	12.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	DRY	-	12.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	12.75	-	12.79	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	12.72	-	12.85	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/30/2012	-	12.43	-	12.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	12.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	12.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	12.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	13.03	-	13.38	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	13.12	-	13.35	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-

* GW Cleanup Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers, except for TPH-GRO and TPH-DRO, which are Residential Clean-up Standards for Groundwater.

ND<# = Non-detect less than the method detection limit of #
µg/L = Micrograms/Liter
MTBE = Methyl Tertiary Butyl Ether
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
BTEX = Benzene, toluene, ethylbenzene, xylenes
- = No data available

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**
3908 MADONNA	08/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
3911 GREENPEAK	08/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
3914 MADONNA	04/29/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	41	ND<0.5	-	ND<0.5	-	-	ND<0.5	-	-
	06/06/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	58.1	ND<0.5	-	ND<0.5	-	-	ND<0.5	-	-
	06/12/2008	-	-	-	-	-	58.1	-	-	-	-	-	-	-	-
3914 MADONNA-INF	08/27/2008	-	-	-	-	-	57	-	-	-	-	-	-	-	-
	09/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	70	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	10/28/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	46	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	66	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	12/28/2008	-	-	-	-	-	46	-	-	-	-	-	-	-	-
	12/30/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	40	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	47	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	06/25/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	34	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	08/10/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	40	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	11/02/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	35	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	02/22/2010	-	-	-	-	-	3.4	-	-	-	-	-	-	-	-
	07/28/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	72	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	01/07/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	36.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	42	ND<0.5	ND<0.5	ND<0.5	ND<2.5	-	ND	8.4	-
	07/22/2011	-	-	-	-	-	43.8	-	-	-	-	-	-	-	-
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	-	ND	ND	-
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	30.2	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	37.8	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	10/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	30.4	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**
3914 MADONNA-INF (cont.)	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	33	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	44.8	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/07/2013	ND<0.5	0.53	ND<0.5	ND<1	1.00	24.2	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	36	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	12/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	45	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	30	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	29.8	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	38	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
3914 MADONNA-MID	09/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	10/28/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	12/30/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	06/25/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	18	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	08/10/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	45	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	11/02/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.6	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	02/22/2010	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-
	07/28/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.4	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	01/07/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.7	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	07/22/2011	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.1	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	1.62	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	27	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	10/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.0	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/07/2013	ND<0.5	0.61	ND<0.5	ND<1	1.00	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	12/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	1.04	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**
3914 MADONNA-EFF	08/27/2008	-	-	-	-	-	ND	-	-	-	-	-	-	-	-
	09/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	10/28/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	12/30/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	06/25/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	08/10/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	11/02/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	02/22/2010	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-
	07/28/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	01/07/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	07/22/2011	-	-	-	-	-	ND	-	-	-	-	-	-	-	-
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	30.7	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND	ND	-
	01/30/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	10/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.0	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/07/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	12/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
3919 MADONNA	03/21/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	23.3	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	07/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	22.4	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
3921 GREENPEAK	05/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	10.9	-	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	14.2	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**
3921 GREENPEAK	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	8.02	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
(cont.)	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.6	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	18.2	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/07/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.9	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.6	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	11/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.6	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	03/11/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	16.4	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	19.4	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/20/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	17.7	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	20.8	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
3922 GREENPEAK	08/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	6.7	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	7.4	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	15	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	07/22/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	8.2	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	5.6	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.55	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.06	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	4.7	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	5.94	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	10.7	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/17/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.66	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.83	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	11/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.16	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.51	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	9.24	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	06/13/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.93	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	09/18/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.43	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
3922 MADONNA	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.9	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	-
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	1.6	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	3.03	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	0.64
	03/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	2.72	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	0.58

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**5**
4065 NORRISVILLE	04/29/2008	-	-	-	-	-	ND	-	-	-	-	-	-	-	-
	05/16/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	-	ND<0.5	-	-	ND<0.5	-	-
	06/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	-	ND<0.5	-	-	ND<0.5	-	-
	07/08/2008	-	-	-	-	-	ND	-	-	-	-	-	-	-	-
4101 NORRISVILLE (ONSITE SUPPLY WELL)	06/15/2005	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	-	-	-	-	-	-	-
	12/28/2005	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	-	-	-	-	-	-	-
	06/15/2006	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	01/17/2007	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	07/31/2007	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	01/23/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	07/24/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	01/30/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	07/20/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	03/01/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	07/31/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	01/31/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	07/26/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	01/30/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
	03/04/2014	ND<0.5	1.04	ND<0.5	ND<1	1.04	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5
4111 CHARBONNET	03/14/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	-	ND<0.5	ND<5	-

* GW Cleanup Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers.

<# = Less than the method detection limit of #
µg/L = Micrograms/Liter
MTBE = Methyl Tertiary Butyl Ether
BTEX = Benzene, toluene, ethylbenzene, xylenes
\- = No data available

APPENDIX A

Laboratory Report and Chain-of-Custody Documentation

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

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
3921 GREENPEAK-20140822	4H26112-01	Water	Grab	08/22/14 09:30	08/26/14 16:45
3914 MADONNA-EFF-20140822	4H26112-02	Water	Grab	08/22/14 10:00	08/26/14 16:45
3914 MADONNA-MID-20140822	4H26112-03	Water	Grab	08/22/14 10:03	08/26/14 16:45
3914 MADONNA-INF-20140822	4H26112-04	Water	Grab	08/22/14 10:06	08/26/14 16:45

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
Laboratory Director

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3921 GREENPEAK-20140822** **Date/Time Sampled:** 08/22/14 09:30

Laboratory Sample ID: **4H26112-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Ethyl tert-butyl ether	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Tert-amyl methyl ether	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
tert- amyl alcohol	<2.50		2.50	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
tert- amyl ethyl ether	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Tert-butyl alcohol	<2.50		2.50	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Diisopropylether (DIPE)	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Benzene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Carbon tetrachloride	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Chlorobenzene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Naphthalene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,2-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,3-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,2-Dichloroethane	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,1-Dichloroethene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
cis-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
trans-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,2-Dichloropropane	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Ethylbenzene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3921 GREENPEAK-20140822** **Date/Time Sampled:** 08/22/14 09:30

Laboratory Sample ID: **4H26112-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Methylene chloride	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Methyl tert-butyl ether	20.8		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	
Styrene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Tetrachloroethene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Toluene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,1,2-Trichloroethane	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
1,1,1-Trichloroethane	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Trichloroethene	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Vinyl chloride	<0.500		0.500	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Xylenes (total)	<1.00		1.00	ug/l	08/28/14 14:36	EPA 524.2/4.1	wlm	U
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*70-130*		*08/28/14 14:36*	*EPA 524.2/4.1*	wlm	
Surrogate: 1,2-Dichlorobenzene-d4		*104 %*	*70-130*		*08/28/14 14:36*	*EPA 524.2/4.1*	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3914 MADONNA-EFF-20140822** **Date/Time Sampled:** 08/22/14 10:00

Laboratory Sample ID: **4H26112-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Ethyl tert-butyl ether	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Tert-amyl methyl ether	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
tert- amyl alcohol	<2.50		2.50	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
tert- amyl ethyl ether	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Tert-butyl alcohol	<2.50		2.50	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Diisopropylether (DIPE)	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Benzene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Carbon tetrachloride	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Chlorobenzene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Naphthalene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,2-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,3-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,2-Dichloroethane	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,1-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
cis-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
trans-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,2-Dichloropropane	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Ethylbenzene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3914 MADONNA-EFF-20140822** **Date/Time Sampled:** 08/22/14 10:00

Laboratory Sample ID: **4H26112-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Methylene chloride	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Methyl tert-butyl ether	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Styrene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Tetrachloroethene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Toluene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,1,2-Trichloroethane	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
1,1,1-Trichloroethane	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Trichloroethene	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Vinyl chloride	<0.500		0.500	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Xylenes (total)	<1.00		1.00	ug/l	08/28/14 15:04	EPA 524.2/4.1	wlm	U
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*70-130*		*08/28/14 15:04*	*EPA 524.2/4.1*	wlm	
Surrogate: 1,2-Dichlorobenzene-d4		*100 %*	*70-130*		*08/28/14 15:04*	*EPA 524.2/4.1*	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3914 MADONNA-MID-20140822** **Date/Time Sampled:** 08/22/14 10:03

Laboratory Sample ID: **4H26112-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Ethyl tert-butyl ether	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Tert-amyl methyl ether	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
tert- amyl alcohol	<2.50		2.50	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
tert- amyl ethyl ether	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Tert-butyl alcohol	<2.50		2.50	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Diisopropylether (DIPE)	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Benzene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Carbon tetrachloride	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Chlorobenzene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Naphthalene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,2-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,3-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,2-Dichloroethane	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,1-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
cis-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
trans-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,2-Dichloropropane	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Ethylbenzene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3914 MADONNA-MID-20140822** **Date/Time Sampled:** 08/22/14 10:03

Laboratory Sample ID: **4H26112-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Methylene chloride	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Methyl tert-butyl ether	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Styrene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Tetrachloroethene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Toluene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,1,2-Trichloroethane	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
1,1,1-Trichloroethane	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Trichloroethene	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Vinyl chloride	<0.500		0.500	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Xylenes (total)	<1.00		1.00	ug/l	08/28/14 15:31	EPA 524.2/4.1	wlm	U
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		*08/28/14 15:31*	*EPA 524.2/4.1*	wlm	
Surrogate: 1,2-Dichlorobenzene-d4		*103 %*	*70-130*		*08/28/14 15:31*	*EPA 524.2/4.1*	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3914 MADONNA-INF-20140822** **Date/Time Sampled:** 08/22/14 10:06

Laboratory Sample ID: **4H26112-04 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Ethyl tert-butyl ether	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Tert-amyl methyl ether	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
tert- amyl alcohol	<2.50		2.50	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
tert- amyl ethyl ether	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Tert-butyl alcohol	<2.50		2.50	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Diisopropylether (DIPE)	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Benzene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Carbon tetrachloride	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Chlorobenzene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Naphthalene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,2-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,3-Dichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,2-Dichloroethane	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,1-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
cis-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
trans-1,2-Dichloroethene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,2-Dichloropropane	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Ethylbenzene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

Client Sample ID: **3914 MADONNA-INF-20140822** **Date/Time Sampled:** 08/22/14 10:06

Laboratory Sample ID: **4H26112-04 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Methylene chloride	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Methyl tert-butyl ether	38.0		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	
Styrene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Tetrachloroethene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Toluene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,1,2-Trichloroethane	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
1,1,1-Trichloroethane	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Trichloroethene	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Vinyl chloride	<0.500		0.500	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Xylenes (total)	<1.00		1.00	ug/l	08/28/14 15:59	EPA 524.2/4.1	wlm	U
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*70-130*		*08/28/14 15:59*	*EPA 524.2/4.1*	wlm	
Surrogate: 1,2-Dichlorobenzene-d4		*103 %*	*70-130*		*08/28/14 15:59*	*EPA 524.2/4.1*	wlm	

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

State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:15
Project Manager:	Greg Reichart	Number of Containers:	8	

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.

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.

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

#1
4H26112
COC #

Page 1 of 12

Client Name: GES
Address: 1350 Blair Drive
Odenton Md. 21113
Contact: Greg Reichart
Phone #: 1800 220-3606
Fax #: 410 721-3733
Project Name: Carroll Fuel-Madonna
Quote/PO #: 04-02814-06-209

TAT: Normal ☒ Rush ☐
Rush TAT subject to pre-approval and surcharge.
Date Required: ___/___/___

Received on ice? Y N
Sample Temp: ____

Reportable to PADEP? Yes ☐
PWSID # ____

LAB USE ONLY
FedEx USPS
UPS Other
Tracking # ____

	Sample Description/Location	GRAB	Composite	Composite Start: Start Date	Composite Start: Start Time	GRAB -or- Composite End: End Date	GRAB -or- Composite End: End Time	Matrix: Solid	Matrix: Water	Matrix: Other ____	# of Containers	Analyses Requested: Full Suite VOCs and Oxygenates (524.2)							Bottle Type/Comments
1	3921 Greenpeak	X				8-22-14	0930		X		2	X							
2	3914 Madonna Eff	↓				↓	1000		↓		↓	↓							
3	3914 Madonna Mid	↓				↓	1003		↓		↓	↓							
4	3914 Madonna Int	X				8-22-14	1006		X		2	X							

	Date	Time		Date	Time
Sampled by: Jeff Plummer	8-22-14	1400	Received by: Denise Woodring	8-22-14	1400
Relinquished by: Denise Woodring	8-26-14	1215	Received by: Jim R. Tate	8/26/14	12:15
Relinquished by: Jim R. Tate	8/26/14	16:45	Received by:		
Relinquished by:			Received by: [illegible]	8/26/14	16:40

Remarks
Project address: 4101 Norrisville Rd.
Jarrettsville Md.
email results to mdlabs@gesonline.com
email EQEDD package to ges@equisonline.com
EQEDD File Name: Carroll/Highs Store LLC
Madonna - Lab report number 21993. EQEDD.zip

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

SOP FLI0601-002 Revision 17 Date: June 18, 2014 Page of

Chain of Custody Receiving Document

Page 2 of 2

Receiver: CR

Date/Time of this check: 8-26-14 17:35 Client: GES Lab # 4426112 #2

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

Custody Seals? Y Intact? Y

COC/Labels on bottles agree? Y ☐* Correct containers for all the analysis requested? Y ☐ * 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 ☐*	Bacti	
1							24				
2											
3											
4											

* DEVIATION PRESENT:	CLIENT CALLED:	CLIENT RESPONSE:
☹ No Ice ( )	YES ( )	Proceed with analysis; qualify data ( )
☹ Not at Proper Temperature ( )	By Whom:	Will Resample ( )
☹ Wrong Container ( )		Provided Information ( )
☹ Missing Information: ( )	_____ Date: _____	No Response; Proceed and qualified ( )
		Client Contact: _____ Date: _____

* Comments: _____

This is a date sensitive document and may not be current after August 19, 2014.

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

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-1-20140822	4H26110-01	Water	Grab	08/22/14 10:25	08/26/14 16:45
MW-2-20140822	4H26110-02	Water	Grab	08/22/14 11:00	08/26/14 16:45
MW-3-20140822	4H26110-03	Water	Grab	08/22/14 11:40	08/26/14 16:45

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
Laboratory Director

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-1-20140822** **Date/Time Sampled:** 08/22/14 10:25

Laboratory Sample ID: **4H26110-01 (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	08/29/14 13:00	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		*64.4 %*	*40-140*		*08/29/14 13:00*	*EPA 8015D mod*	rsr	
Volatile Organic Compounds by EPA Method 8260B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Benzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Toluene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Ethylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Xylenes (total)	<2.00		2.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Isopropylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Methyl tert-butyl ether	8.08		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	
Naphthalene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
tert- amyl alcohol	37.1		5.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Tert-amyl methyl ether	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Tert-butyl alcohol	73.0		5.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	
Diisopropylether (DIPE)	7.13		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-1-20140822** **Date/Time Sampled:** 08/22/14 10:25

Laboratory Sample ID: **4H26110-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Ethyl tert-butyl ether	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Acrylonitrile	<10.0		10.0	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Bromobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Bromochloromethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Bromodichloromethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Bromoform	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Bromomethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
sec-Butylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
tert-Butylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
n-Butylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Carbon disulfide	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Chlorobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Chloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Chloroform	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Chloromethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
4-Chlorotoluene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
2-Chlorotoluene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-1-20140822** **Date/Time Sampled:** 08/22/14 10:25

Laboratory Sample ID: **4H26110-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Dibromochloromethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Dibromomethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,4-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,3-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Dichlorodifluoromethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2-Dichloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1-Dichloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1-Dichloroethene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
2,2-Dichloropropane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,3-Dichloropropane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2-Dichloropropane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1-Dichloropropene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-1-20140822** **Date/Time Sampled:** 08/22/14 10:25

Laboratory Sample ID: **4H26110-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Hexachlorobutadiene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
p-Isopropyltoluene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Methylene chloride	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
n-Propylbenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Styrene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Tetrachloroethene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1,1-Trichloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,1,2-Trichloroethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Trichloroethene	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Trichlorofluoromethane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
1,2,3-Trichloropropane	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Vinyl chloride	<1.00		1.00	ug/l	08/29/14 11:59	EPA 8260B	wlm	U
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		*08/29/14 11:59*	*EPA 8260B*	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-1-20140822** **Date/Time Sampled:** 08/22/14 10:25

Laboratory Sample ID: **4H26110-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*		*08/29/14 11:59*	*EPA 8260B*	wlm	
Surrogate: Fluorobenzene		*95.5 %*	*70-130*		*08/29/14 11:59*	*EPA 8260B*	wlm	
Volatile Petroleum Hydrocarbons by 8015 GRO								
Gasoline Range Organics	<100		100	ug/l	08/27/14 16:26	EPA 8015D mod	bag	
Surrogate: a,a,a-Trifluorotoluene		*77.9 %*	*70-130*		*08/27/14 16:26*	*EPA 8015D mod*	bag	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-2-20140822** **Date/Time Sampled:** 08/22/14 11:00

Laboratory Sample ID: **4H26110-02 (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 13:44	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		*149 %*	*40-140*		*08/29/14 13:44*	*EPA 8015D mod*	rsr	2n
Volatile Organic Compounds by EPA Method 8260B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Benzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Toluene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Ethylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Xylenes (total)	<2.00		2.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Isopropylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Methyl tert-butyl ether	4.36		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	
Naphthalene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
tert- amyl alcohol	<5.00		5.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
tert- amyl ethyl ether	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Tert-amyl methyl ether	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Tert-butyl alcohol	<5.00		5.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Diisopropylether (DIPE)	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-2-20140822** **Date/Time Sampled:** 08/22/14 11:00

Laboratory Sample ID: **4H26110-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Ethyl tert-butyl ether	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Acrylonitrile	<10.0		10.0	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Bromobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Bromochloromethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Bromodichloromethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Bromoform	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Bromomethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
sec-Butylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
tert-Butylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
n-Butylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Carbon disulfide	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Chlorobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Chloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Chloroform	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Chloromethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
4-Chlorotoluene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
2-Chlorotoluene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-2-20140822** **Date/Time Sampled:** 08/22/14 11:00

Laboratory Sample ID: **4H26110-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Dibromochloromethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Dibromomethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,4-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,3-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Dichlorodifluoromethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2-Dichloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1-Dichloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1-Dichloroethene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
2,2-Dichloropropane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,3-Dichloropropane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2-Dichloropropane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1-Dichloropropene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-2-20140822** **Date/Time Sampled:** 08/22/14 11:00

Laboratory Sample ID: **4H26110-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Hexachlorobutadiene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
p-Isopropyltoluene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Methylene chloride	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
n-Propylbenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Styrene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Tetrachloroethene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1,1-Trichloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,1,2-Trichloroethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Trichloroethene	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Trichlorofluoromethane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
1,2,3-Trichloropropane	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Vinyl chloride	<1.00		1.00	ug/l	08/29/14 12:27	EPA 8260B	wlm	U
Surrogate: 4-Bromofluorobenzene		*101 %*	*70-130*		*08/29/14 12:27*	*EPA 8260B*	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-2-20140822** **Date/Time Sampled:** 08/22/14 11:00

Laboratory Sample ID: **4H26110-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*		*08/29/14 12:27*	*EPA 8260B*	wlm	
Surrogate: Fluorobenzene		*95.8 %*	*70-130*		*08/29/14 12:27*	*EPA 8260B*	wlm	
Volatile Petroleum Hydrocarbons by 8015 GRO								
Gasoline Range Organics	<100		100	ug/l	08/27/14 17:02	EPA 8015D mod	bag	
Surrogate: a,a,a-Trifluorotoluene		*77.7 %*	*70-130*		*08/27/14 17:02*	*EPA 8015D mod*	bag	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-3-20140822** **Date/Time Sampled:** 08/22/14 11:40

Laboratory Sample ID: **4H26110-03 (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	08/29/14 14:27	EPA 8015D mod	rsr	
Surrogate: o-Terphenyl		*63.3 %*	*40-140*		*08/29/14 14:27*	*EPA 8015D mod*	rsr	
Volatile Organic Compounds by EPA Method 8260B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Benzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Toluene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Ethylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Xylenes (total)	<2.00		2.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Isopropylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Methyl tert-butyl ether	2.07		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	
Naphthalene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
tert- amyl alcohol	<5.00		5.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
tert- amyl ethyl ether	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Tert-amyl methyl ether	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Tert-butyl alcohol	<5.00		5.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Diisopropylether (DIPE)	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-3-20140822** **Date/Time Sampled:** 08/22/14 11:40

Laboratory Sample ID: **4H26110-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Ethyl tert-butyl ether	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Acrylonitrile	<10.0		10.0	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Bromobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Bromochloromethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Bromodichloromethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Bromoform	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Bromomethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
sec-Butylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
tert-Butylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
n-Butylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Carbon disulfide	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Chlorobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Chloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Chloroform	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Chloromethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
4-Chlorotoluene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
2-Chlorotoluene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-3-20140822** **Date/Time Sampled:** 08/22/14 11:40

Laboratory Sample ID: **4H26110-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Dibromochloromethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Dibromomethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,4-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,3-Dichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Dichlorodifluoromethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2-Dichloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1-Dichloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1-Dichloroethene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
2,2-Dichloropropane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,3-Dichloropropane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2-Dichloropropane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1-Dichloropropene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-3-20140822** **Date/Time Sampled:** 08/22/14 11:40

Laboratory Sample ID: **4H26110-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Hexachlorobutadiene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
p-Isopropyltoluene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Methylene chloride	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
n-Propylbenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Styrene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Tetrachloroethene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1,1-Trichloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,1,2-Trichloroethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Trichloroethene	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Trichlorofluoromethane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
1,2,3-Trichloropropane	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Vinyl chloride	<1.00		1.00	ug/l	08/29/14 12:54	EPA 8260B	wlm	U
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*70-130*		*08/29/14 12:54*	*EPA 8260B*	wlm	

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

Client Sample ID: **MW-3-20140822** **Date/Time Sampled:** 08/22/14 11:40

Laboratory Sample ID: **4H26110-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*		*08/29/14 12:54*	*EPA 8260B*	wlm	
Surrogate: Fluorobenzene		*95.2 %*	*70-130*		*08/29/14 12:54*	*EPA 8260B*	wlm	
Volatile Petroleum Hydrocarbons by 8015 GRO								
Gasoline Range Organics	<100		100	ug/l	08/27/14 17:38	EPA 8015D mod	bag	
Surrogate: a,a,a-Trifluorotoluene		*76.8 %*	*70-130*		*08/27/14 17:38*	*EPA 8015D mod*	bag	

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

FAIRWAY LABORATORIES

State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-206	**Reported:**
Odenton MD, 21113		Collector:	JP	09/05/14 09:22
Project Manager:	Greg Reichart	Number of Containers:	15	

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.

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.

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

#1
COC # 4H26110

Page 1 of 12

Client Name: GES
Address: 1350 Blair Drive, Odenton Md. 21113
Contact: Greg Reichart
Phone #: 1800 220-3606
Fax #: 410 721-3733
Project Name: Carroll Fuel - Madonna
Quote/PO #: 04-02814-06-206

Received on ice? Y N
Sample Temp:

Reportable to PADEP? Yes ☐
PWSID #

TAT: Normal ☒ Rush ☐
Rush TAT subject to pre-approval and surcharge.
Date Required: ___/___/___

LAB USE ONLY
FedEx USPS
UPS Other
Tracking #

Sample Description/Location	GRAB	Composite	Composite Start Date	Composite Start Time	GRAB -or- Composite End Date	GRAB -or- Composite End Time	Matrix: Solid	Matrix: Water	Matrix: Other	# of Containers	Analyses Requested: Full Suite VOC's and Oxygenates (8260)	Analyses Requested: TPH-GRO/DRO (8015)	Bottle Type/Comments
MW-1	X				8-22-14	1025		X		5	X	X	
MW-2	X				8-22-14	1100		X		5	X	X	
MW-3	X				8-22-14	1140		X		5	X	X	

	Date	Time		Date	Time
Sampled by: Jeff Plummer	8-22-14	1400	Received by: Denise Woodring	8-22-14	1400
Relinquished by: Denise Woodring	8-26-14	1215	Received by: Jimmy R. Tate	8/26/14	12:15
Relinquished by: Jimmy R. Tate	8/26/14	16:45	Received by:		
Relinquished by:			Received by: [illegible]	8-26-14	16:45

Remarks
Project address: 4101 Norrisville Rd. Jarrettsville Md.
email results to Mdlabs@gesonline.com
email EQEDD package to gesteequis@online.com
EQEDD File Name: Carroll/Madonna-lab report number. 21993. EQEDD zip
Hughes Store, LLC

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

SOP FLI0601-002 Revision 17 Date: June 18, 2014 Page of

Chain of Custody Receiving Document

Page 2 of 2

Receiver: CR

Date/Time of this check: 8-26-14 17:35 Client: GES Lab # 4H26110 #2

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

Custody Seals? Y Intact? Y

COC/Labels on bottles agree? Y ☐ * Correct containers for all the analysis requested? Y ☐ * 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 ☐ *	Bacti	
MW-1				1			4HCL				
MW-2				1			↓				
MW-3				1							

* DEVIATION PRESENT:	CLIENT CALLED:	CLIENT RESPONSE:
☹ No Ice ( )	YES ( )	Proceed with analysis; qualify data ( )
☹ Not at Proper Temperature ( )	By Whom:	Will Resample ( )
☹ Wrong Container ( )		Provided Information ( )
☹ Missing Information: ( )	_____ Date: _____	No Response; Proceed and qualified ( )
		Client Contact: _____ Date: _____

* Comments: _____

This is a date sensitive document and may not be current after August 19, 2014.

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

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/30/14 16:08
Project Manager:	Greg Reichart	Number of Containers:	2	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
3922 GREENPEAK-20140918	4I19094-01	Water	Grab	09/18/14 09:40	09/19/14 15:50

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
Laboratory Director

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/30/14 16:08
Project Manager:	Greg Reichart	Number of Containers:	2	

Client Sample ID: **3922 GREENPEAK-20140918** **Date/Time Sampled:** 09/18/14 09:40

Laboratory Sample ID: **4I19094-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Ethyl tert-butyl ether	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Tert-amyl methyl ether	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
tert- amyl alcohol	<2.50		2.50	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
tert- amyl ethyl ether	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Tert-butyl alcohol	<2.50		2.50	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Diisopropylether (DIPE)	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Benzene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Carbon tetrachloride	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Chlorobenzene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Naphthalene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,2-Dichlorobenzene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,3-Dichlorobenzene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,2-Dichloroethane	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,1-Dichloroethene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
cis-1,2-Dichloroethene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
trans-1,2-Dichloroethene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,2-Dichloropropane	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Ethylbenzene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U

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

State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/30/14 16:08
Project Manager:	Greg Reichart	Number of Containers:	2	

Client Sample ID: **3922 GREENPEAK-20140918** **Date/Time Sampled:** 09/18/14 09:40

Laboratory Sample ID: **4I19094-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Methylene chloride	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Methyl tert-butyl ether	7.43		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	
Styrene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Tetrachloroethene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Toluene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,1,2-Trichloroethane	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
1,1,1-Trichloroethane	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Trichloroethene	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Vinyl chloride	<0.500		0.500	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Xylenes (total)	<1.00		1.00	ug/l	09/24/14 01:42	EPA 524.2/4.1	wlm	U
Surrogate: 4-Bromofluorobenzene		*85.8 %*	*70-130*		*09/24/14 01:42*	*EPA 524.2/4.1*	wlm	
Surrogate: 1,2-Dichlorobenzene-d4		*96.0 %*	*70-130*		*09/24/14 01:42*	*EPA 524.2/4.1*	wlm	

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

State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna	
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209	**Reported:**
Odenton MD, 21113		Collector:	JP	09/30/14 16:08
Project Manager:	Greg Reichart	Number of Containers:	2	

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.

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

State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

GES Maryland		Project:	Carroll Fuel Madonna
1350 Blair Drive, Suite A		Project Number:	04-02814-06-209
Odenton MD, 21113		Collector:	JP
Project Manager:	Greg Reichart	Number of Containers:	2

Reported:
09/30/14 16:08

Terms & Conditions

Services provided by Fairway Laboratories Inc. are limited to the terms and conditions stated herein, unless otherwise agreed to in a formal contract.

CHAIN OF CUSTODY Fairway Laboratories Inc. ("Fairway," "us" or "we") will initiate a chain-of-custody/request for analysis upon sample receipt unless the client includes a completed form with the received sample(s). Upon request, Fairway will provide chain-of-custody forms for use.

CONFIDENTIALITY Fairway maintains confidentiality in all of our client interactions. The client's consent will be required before releasing information about the services provided.

CONTRACTS All contracts are subject to review and approval by Fairway's legal council. Each contract must be signed by a corporate officer.

PAYMENT/BILLING Unless otherwise set forth in a signed contract or purchase order, terms of payment are "NET 30 Days." The time allowed for payment shall begin based on the invoice date. A 1.5% per month service charge may be added to all unpaid balances beyond the initial 30 days. In its sole discretion, Fairway reserves the right to request payment before services and hold sample results for payment of due balances. We will not bill a third party without prior agreement among all parties acknowledging and accepting responsibility for payment.

SAMPLE COLLECTION AND SUBMISSION Clients not requesting collection services from Fairway are responsible for proper collection, preservation, packaging, and delivery of samples to the laboratory in accordance with current law and commercial practice. Fairway shall have no responsibility for sample integrity prior to the receipt of the sample(s) and/or for any inaccuracy in test or analyses results as a result of the failure of the client or any third party to maintain the integrity of samples prior to delivery to Fairway. All samples submitted must be accompanied by a completed chain of custody or similar document clearly noting the requested analyses, dates/time sampled, client contact information, and trail of custody.

SUBCONTRACTING Some analyses may require subcontracting to another laboratory. Unless the client indicates otherwise, this decision will be made by Fairway. Subcontracted work will be identified on the final report in accordance with NELAC requirements.

RETURN OF RESULTS Fairway routinely provides faxed or verbal results within 10 working days of receipt of sample(s) and a hard copy of the data results is routinely received via US Postal Service within 15 working days. At the request of the client, Fairway may offer expedited return of sample results. Surcharges may apply to rush requests. All rush requests must be pre-approved by Fairway. We reserve the right to charge an archive retrieval fee for results older than one (1) year from the date of the request. All records will be maintained by Fairway for 5 years, after which, they will be destroyed.

SAMPLE DISPOSAL Fairway will maintain samples for four (4) weeks after the sample receipt date. Fairway will dispose of samples which are not and/or do not contain hazardous wastes (as such term is defined by applicable federal or state law), unless prior arrangements have been made for long-term storage. Fairway reserves the right to charge a disposal fee for the proper disposal of samples found or suspected to contain hazardous waste. A return shipping charge will be invoiced for samples returned to the client at their request.

HAZARD COMMUNICATION The client has the responsibility to inform the laboratory of any hazardous characteristics known or suspected about the sample, and to provide information on hazard prevention and personal protection as necessary or otherwise required by applicable law.

WARRANTY AND LIMITATION OF LIABILITY For services rendered, Fairway warrants that it will apply its best scientific knowledge and judgment and to employ its best level of effort consistent with professional standards within the environmental testing industry in performing the analytical services requested by its clients. We disclaim any other warranties, expressed or implied by law. Fairway does not accept any legal responsibility for the purposes for which client uses the test results.

LITIGATION All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by Fairway Laboratories, Inc. shall be invoiced by Fairway and paid by client. These costs shall include, but are not limited to, hourly charges for the persons involved, travel, mileage, and accommodations and for any and all other expenses associated with said litigation.

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.

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 # 4F19094 #1

Page 1 of 12

Client Name: GES
Address: 1350 Blair Drive
Odenton Md. 21113
Contact: Greg Reichart
Phone #: 1800 220-3606
Fax #: 410 721-3733
Project Name: Carroll Fuel - Madonna
Quote/PO #: 04-02814-06-209

TAT: Normal ☒ Rush ☐
Rush TAT subject to pre-approval and surcharge.
Date Required: ___/___/___

Received on ice? Y N
Sample Temp: _____

Reportable to PADEP? Yes ☐
PWSID # _____

LAB USE ONLY
FedEx USPS
UPS Other
Tracking # _____

Sample Description/Location	GRAB	Composite	Composite Start Date	Composite Start Time	GRAB -or- Composite End Date	GRAB -or- Composite End Time	Matrix: Solid	Matrix: Water	Matrix: Other ___	# of Containers	Analyses Requested: Full Suite VOCs and Oxygenates (524.2)							Bottle Type/Comments
3922 Greenpeak	X				9-18-14	0940		X		2	X							

Sampled by:	Date	Time
Jeff Lammell	9-18-14	1445
Relinquished by:	**Date**	**Time**
Denise Woodring	9-18-14	11:00
Relinquished by:	**Date**	**Time**
[illegible]	9-19-14	1550
Relinquished by:	**Date**	**Time**

Received by:	Date	Time
Denise Woodring	9-18-14	1445
Received by:	**Date**	**Time**
[illegible]	9-19-14	1100
Received by:	**Date**	**Time**
Received by:	**Date**	**Time**
[illegible]	9/19/14	1550

Remarks

Project address: 4101 Norrisville Rd.
Jarrettsville Md.
email results to mdlabs@gesonline.com
email EQEDD package to ges@equisonline.com
EQEDD File Name: Carroll/Highs Store, LLC
Madonna - lab report number. 21993.
EQEDD.zip

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

Receiver: CR

Date/Time of this check: 9-19-14 16:10 Client: GES Lab # 4I 19094 #2

Received on ICE? Y ☐ * **Sample Temperature when delivered to the Lab:** 1.2 **Acceptable?** Y ☐ * **or In cool down process?** ☐ *

Custody Seals? Y Intact? Y

COC/Labels on bottles agree? Y ☐* Correct containers for all the analysis requested? Y ☐ * 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 ☑ *	Bacti	
1							24				

* DEVIATION PRESENT:	CLIENT CALLED:	CLIENT RESPONSE:
☹ No Ice ( )	YES ( )	Proceed with analysis; qualify data ( )
☹ Not at Proper Temperature ( )	By Whom:	Will Resample ( )
☹ Wrong Container ( )		Provided Information ( )
☹ Missing Information: ( )	_____ Date: _____	No Response; Proceed and qualified ( )
		Client Contact: _____ Date: _____

* Comments: _____

This is a date sensitive document and may not be current after September 19, 2014.