



**Groundwater  
& Environmental Services, Inc.**

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

November 18, 2014

Ms. Laurie Krawczyk  
3908 Madonna Rd  
Jarrettsville, MD 21084

Re: Potable Well Sampling Results  
3908 Madonna Rd, Jarrettsville, MD 21084

Dear Ms. Krawczyk:

Groundwater & Environmental Services, Inc. (GES), on behalf of High's of Baltimore, would like to thank you for your cooperation in allowing us to conduct sampling of your drinking water well on October 30, 2014.

The water sample from your well was tested in accordance to USEPA standards for the presence of several petroleum related compounds, including methyl tertiary butyl ether (MTBE). The laboratory analytical results, which are enclosed, did not detect any petroleum constituents in your well water except for Methylene chloride at a concentration of 13.4 micrograms per liter ( $\mu\text{g/L}$ ). For reference, the Maryland Department of the Environment (MDE) action level for Methylene chloride is 5  $\mu\text{g/L}$ . The MDE has been notified of your recently detected Methylene chloride concentration.

The tests conducted on your drinking water well are part of an ongoing groundwater investigation being conducted in cooperation with the Maryland Department of the Environment (MDE) and the Harford County Health Department (HCHD). Therefore we would like to continue sampling the water from your drinking water well on a periodic basis (currently annual) while the groundwater investigation is being conducted. We will notify you in advance of the next scheduled sampling event.

If you have any questions concerning this sampling event, please feel free to contact me at 800-220-3606, Ext. 3717. You may also contact Ms. Jeannette DeBartolomeo of the MDE at 410-537-3427.

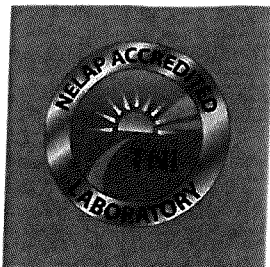
Sincerely,  
GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink that reads "Gregory Reichart".

Gregory Reichart  
Project Manager

Attachment

c: Jeannette DeBartolomeo, MDE (3 copies & CD)  
Peter Smith, HCHD  
Herb Meade, CIFIC  
Todd Passmore, Apex  
GES File



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

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



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

GES Maryland  
 1350 Blair Drive, Suite A  
 Odenton MD, 21113

Project Manager: Greg Reichart

Project: Carroll Fuel Madonna

Project Number: 04-02814-06-209

Collector: JP

Number of Containers: 4

Reported:

11/12/14 14:24

Client Sample ID: 3908-MADONNA-INF-20141030

Date/Time Sampled: 10/30/14 13:10

Laboratory Sample ID: 4K03035-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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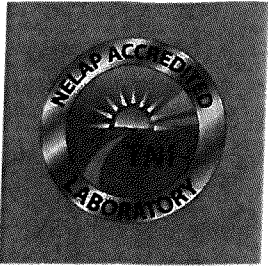
**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Tert-amyl methyl ether	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
tert- amyl alcohol	<2.50	2.50		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
tert- amyl ethyl ether	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Tert-butyl alcohol	<2.50	2.50		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Diisopropylether (DIPE)	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Benzene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Carbon tetrachloride	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Chlorobenzene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Naphthalene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
1,2-Dichlorobenzene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
1,3-Dichlorobenzene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	2e, U
1,2-Dichloroethane	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
1,1-Dichloroethene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
cis-1,2-Dichloroethene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
trans-1,2-Dichloroethene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
1,2-Dichloropropane	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Ethylbenzene	<0.500	0.500		ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U

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.



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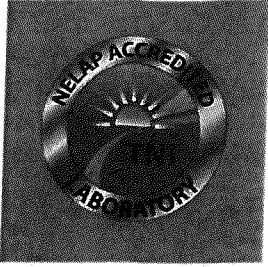
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Laboratory Sample ID: 4K03035-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Methylene chloride	13.4		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	
Methyl tert-butyl ether	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Styrene	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Tetrachloroethene	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Toluene	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	2e, U
1,1,2-Trichloroethane	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
1,1,1-Trichloroethane	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Trichloroethene	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Vinyl chloride	<0.500		0.500	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Xylenes (total)	<1.00		1.00	ug/l	11/04/14 20:44	EPA 524.2/4.1	wlm	U
Surrogate: 4-Bromofluorobenzene	90.4 %		70-130		11/04/14 20:44	EPA 524.2/4.1	wlm	
Surrogate: 1,2-Dichlorobenzene-d4	91.0 %		70-130		11/04/14 20:44	EPA 524.2/4.1	wlm	



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**Notes**

- 2c CCV was outside the QC range. Data accepted based on additional batch QC.
- 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.