January 6, 2020

Mr. Nick Psenicnik
Maryland Department of the Environment
Remediation and State-Lead Division
Oil Control Program, Suite 620
1800 Washington Boulevard
Baltimore, Maryland 21230

Reference: Fourth Quarter 2019 Drinking Water Laboratory Test Results
Harnes Store
12412, 12415, and 12416 Stottlemyer Road, Myersville, Maryland
Triad Project No. 03-07-0087
MDE Case No. 91-1914-FR

Dear Mr. Psenicnik:

Attached are the results of the fourth quarter 2019 off-site drinking water samples collected at the residences listed above at the request of the Maryland Department of the Environment (MDE) and the historical analytical summary tables.

In summary, none of the petroleum contaminants for which testing was conducted for were present above the laboratory Method Detection Limit (MDL) i.e., the lowest concentration of a contaminant that the laboratory can identify, in the effluent (EFF) samples collected at the above listed residences. Noteworthy is that Methyl Tertiary Butyl Ether (MTBE) was detected at 0.79 µg/L in the sample identified as MID at 12412 Stottlemyer Road (Queen Residence). Since the carbon at the residence was replaced less than one year ago and a detection was not reported at the EFF sample, should a value of MTBE be detected at the MID filter during the first quarter 2020, the filter system will be serviced. The fourth quarter drinking water sampling summary letters that were sent to the residents, which includes fourth quarter sampling results, laboratory reports, and historical summary tables are attached. Should you need any additional information please let us know.

Respectfully submitted,
TRIAD ENGINEERING, INC.

Patrick M. Upham
Environmental Scientist

Nicholas J. Wolfe, P.G.
Environmental Services Manager

CC: Mr. Gary Grove

Attachments:
Drinking Water Sampling Summary letters, Laboratory Reports, and Historical Analytical Summary Tables

Letter sent to Mr. and Mrs. Richard Queen
12412 Stottlemyer Road, Myersville, Maryland

January 6, 2020

Mr. and Mrs. Richard Queen
12348 Wolfsville Road
Myersville, Maryland 21773

Reference: Fourth Quarter 2019 Drinking Water Laboratory Test Results
12412 Stottlemyer Road, Myersville, Maryland

Dear Mr. and Mrs. Queen:

Attached is a copy of the drinking water sampling test results for the drinking water samples collected from your residence on December 16, 2019.

In summary, none of the petroleum contaminants for which testing was conducted were present above the laboratory Method Detection Limit (MDL), i.e., the lowest concentration at which the laboratory can identify the presence of a contaminant, in the treated sample identified as EFF.

Should you have any additional questions regarding these results, please do not hesitate to contact me at 301-797-6400 or Mr. Nick Psenicnik with the MDE at 301-665-2857.

Respectfully submitted,

TRIAD ENGINEERING, INC.

Patrick M. Upham
Environmental Scientist

Nicholas J. Wolfe, PG
Environmental Services Manager

Attachment: Drinking Water Sampling Results
Historical Summary Table

cc: Mr. Nick Psenicnik – MDE
Mr. Gary Grove

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

December 30, 2019

Mr. Nick Wolfe
Triad Engineering
1075D Sherman Avenue
Hagerstown, MD 21740

Certificate of Analysis

Project Name:	**Projects for Nick Wolf**	Workorder:	**3076136**
Purchase Order:		Workorder ID:	**Harnes Store 03-07-0087**

Dear Mr. Wolfe:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, December 17, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Shannon Butler (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

Shannon Butler

Ms. Shannon Butler
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

SAMPLE SUMMARY

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3076136001	12412-INF	Drinking Water	12/16/2019 10:38	12/17/2019 16:50	Collected by Client
3076136002	12412-Mid	Drinking Water	12/16/2019 10:41	12/17/2019 16:50	Collected by Client
3076136003	12412-Eff	Drinking Water	12/16/2019 10:44	12/17/2019 16:50	Collected by Client
3076136004	12412 TB	Drinking Water	12/17/2019 16:50	12/17/2019 16:50	Collected by Client

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

SAMPLE SUMMARY

Workorder: 3076136 Harnes Store 03-07-0087

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
-- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
-- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
-- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136001** Date Collected: 12/16/2019 10:38 Matrix: Drinking Water

Sample ID: **12412-INF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 17:48	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 17:48	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 17:48	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 17:48	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 17:48	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 17:48	TMP	A
Bromomethane	0.16J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 17:48	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 17:48	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 17:48	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 17:48	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 17:48	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 17:48	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 17:48	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 17:48	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 17:48	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 17:48	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 17:48	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 17:48	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 17:48	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 17:48	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 17:48	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 17:48	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 17:48	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 17:48	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 17:48	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 17:48	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 17:48	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 17:48	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 17:48	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 17:48	TMP	A
Diisopropyl ether	2.2		ug/L	0.50	0.21	EPA 524.2		12/19/19 17:48	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 17:48	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 17:48	TMP	A
Methyl t-Butyl Ether	44.1		ug/L	2.5	0.45	EPA 524.2		12/20/19 13:55	TMP	B
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 17:48	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 17:48	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 17:48	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136001** Date Collected: 12/16/2019 10:38 Matrix: Drinking Water

Sample ID: **12412-INF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 17:48	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 17:48	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 17:48	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 17:48	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 17:48	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 17:48	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 17:48	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 17:48	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 17:48	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 17:48	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	86.5		%	70 - 130	EPA 524.2			12/20/19 13:55	TMP	B
1,2-Dichlorobenzene-d4 (S)	90.1		%	70 - 130	EPA 524.2			12/19/19 17:48	TMP	A
4-Bromofluorobenzene (S)	93.8		%	70 - 130	EPA 524.2			12/19/19 17:48	TMP	A
4-Bromofluorobenzene (S)	86.4		%	70 - 130	EPA 524.2			12/20/19 13:55	TMP	B

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136002** Date Collected: 12/16/2019 10:41 Matrix: Drinking Water

Sample ID: **12412-Mid** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 18:12	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2			12/19/19 18:12	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2			12/19/19 18:12	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2			12/19/19 18:12	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2			12/19/19 18:12	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 18:12	TMP	A
Bromomethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 18:12	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2			12/19/19 18:12	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 18:12	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 18:12	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2			12/19/19 18:12	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2			12/19/19 18:12	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2			12/19/19 18:12	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2			12/19/19 18:12	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 18:12	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2			12/19/19 18:12	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2			12/19/19 18:12	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 18:12	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2			12/19/19 18:12	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2			12/19/19 18:12	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2			12/19/19 18:12	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2			12/19/19 18:12	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2			12/19/19 18:12	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2			12/19/19 18:12	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2			12/19/19 18:12	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 18:12	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2			12/19/19 18:12	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2			12/19/19 18:12	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2			12/19/19 18:12	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2			12/19/19 18:12	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 18:12	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2			12/19/19 18:12	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2			12/19/19 18:12	TMP	A
Methyl t-Butyl Ether	0.79		ug/L	0.50	0.090	EPA 524.2			12/19/19 18:12	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2			12/19/19 18:12	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2			12/19/19 18:12	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2			12/19/19 18:12	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136002** Date Collected: 12/16/2019 10:41 Matrix: Drinking Water

Sample ID: **12412-Mid** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 18:12	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 18:12	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 18:12	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 18:12	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 18:12	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 18:12	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 18:12	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 18:12	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 18:12	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 18:12	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	87.5		%	70 - 130	EPA 524.2			12/19/19 18:12	TMP	A
4-Bromofluorobenzene (S)	89.8		%	70 - 130	EPA 524.2			12/19/19 18:12	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136003** Date Collected: 12/16/2019 10:44 Matrix: Drinking Water

Sample ID: **12412-Eff** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 18:37	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 18:37	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 18:37	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 18:37	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 18:37	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 18:37	TMP	A
Bromomethane	0.20J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 18:37	TMP	A
tert-Butyl Alcohol	ND	2	ug/L	5.0	1.4	EPA 524.2		12/19/19 18:37	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 18:37	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 18:37	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 18:37	TMP	A
Chloroethane	ND	1	ug/L	0.50	0.24	EPA 524.2		12/19/19 18:37	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 18:37	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 18:37	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 18:37	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 18:37	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 18:37	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 18:37	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 18:37	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 18:37	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 18:37	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 18:37	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 18:37	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 18:37	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 18:37	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 18:37	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 18:37	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 18:37	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 18:37	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 18:37	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 18:37	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 18:37	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 18:37	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/19/19 18:37	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 18:37	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 18:37	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 18:37	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136003** Date Collected: 12/16/2019 10:44 Matrix: Drinking Water

Sample ID: **12412-Eff** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 18:37	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 18:37	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 18:37	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 18:37	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 18:37	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 18:37	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 18:37	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 18:37	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 18:37	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 18:37	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	87.7		%	70 - 130	EPA 524.2			12/19/19 18:37	TMP	A
4-Bromofluorobenzene (S)	87.9		%	70 - 130	EPA 524.2			12/19/19 18:37	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136004** Date Collected: 12/17/2019 16:50 Matrix: Drinking Water

Sample ID: **12412 TB** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/24/19 06:26	PDK	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/24/19 06:26	PDK	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/24/19 06:26	PDK	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:26	PDK	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:26	PDK	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/24/19 06:26	PDK	A
Bromomethane	0.43J	J	ug/L	0.50	0.13	EPA 524.2		12/24/19 06:26	PDK	A
tert-Butyl Alcohol	4.8J	J	ug/L	5.0	1.4	EPA 524.2		12/24/19 06:26	PDK	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/24/19 06:26	PDK	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/24/19 06:26	PDK	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/24/19 06:26	PDK	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/24/19 06:26	PDK	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:26	PDK	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:26	PDK	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/24/19 06:26	PDK	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/24/19 06:26	PDK	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/24/19 06:26	PDK	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/24/19 06:26	PDK	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:26	PDK	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:26	PDK	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:26	PDK	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/24/19 06:26	PDK	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:26	PDK	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:26	PDK	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:26	PDK	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/24/19 06:26	PDK	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/24/19 06:26	PDK	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:26	PDK	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/24/19 06:26	PDK	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/24/19 06:26	PDK	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/24/19 06:26	PDK	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:26	PDK	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/24/19 06:26	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/24/19 06:26	PDK	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/24/19 06:26	PDK	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:26	PDK	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:26	PDK	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID: **3076136004** Date Collected: 12/17/2019 16:50 Matrix: Drinking Water

Sample ID: **12412 TB** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2		12/24/19 06:26	PDK	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2		12/24/19 06:26	PDK	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2		12/24/19 06:26	PDK	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2		12/24/19 06:26	PDK	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/24/19 06:26	PDK	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2		12/24/19 06:26	PDK	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2		12/24/19 06:26	PDK	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2		12/24/19 06:26	PDK	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2		12/24/19 06:26	PDK	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2		12/24/19 06:26	PDK	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	93		%	70 - 130	EPA 524.2		12/24/19 06:26	PDK	A
4-Bromofluorobenzene (S)	88.5		%	70 - 130	EPA 524.2		12/24/19 06:26	PDK	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ANALYTICAL RESULTS

Workorder: 3076136 Harnes Store 03-07-0087

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3076136003	1	12412-Eff	EPA 524.2	Chloroethane
The QC sample type MSD for method EPA 524.2 was outside the control limits for the analyte Chloroethane. The % Recovery was reported as 68.2 and the control limits were 70 to 130.				
3076136003	2	12412-Eff	EPA 524.2	tert-Butyl Alcohol
The QC sample type MSD for method EPA 524.2 was outside the control limits for the analyte tert-Butyl Alcohol. The % Recovery was reported as 131 and the control limits were 70 to 130.				

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3076136 Harnes Store 03-07-0087

Lab ID	Sample ID	Analysis Method	Prep Method
3076136001	12412-INF	EPA 524.2	
3076136002	12412-Mid	EPA 524.2	
3076136003	12412-Eff	EPA 524.2	
3076136004	12412 TB	EPA 524.2	

ALS Environmental
34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F.717-944-1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: *3076136*

ALS Quo

1 of 1

Client Name: Triad Engineering
Address: 1075 D Sherman Ave, Hagerstown, Maryland 21740
Contact: Nicholas Wolfe
Phone#: 301-797-6400
Project Name/#: Hames Store 03-07-0087
Bill To: Triad
TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.
Date Required: Approved By:
Email? [X] -Y nwolfe@triadeng.com
Fax? [ ] -Y No.:

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	*G or C	**Matrix	Container Type	Container Size	Preservative	Full Suite VOCs 524.2	Trip Blank
					VOA	40ml	HCL	Voa	40 mL HCl
					ANALYSES/METHOD REQUESTED				
					Enter Number of Containers Per Sample or Field Results Below.				
12412-INF	12/16/2019	10:38	G	DW	3				
12412-MID	12/16/2019	10:41	G	DW	3				
12412-EFF	12/16/2019	10:44	G	DW	3				
12412	12/16/2019							2 X	
								-CD	
								12/17	

Receipt Information (completed by Receiving Lab)
Cooler Temp: 3 Therm ID: 318
No. of Coolers:

	Y	N	Initial
Custody Seals Present?			
(If present) Seals Intact?			
Received on Ice?			
COC/Labels Complete/Accurate?			
Cont. in Good Cond.?			
Correct Containers?			
Correct Sample Volumes?			
Correct Preservation?			
Headspace/Volatiles?			

Courier/Tracking #:
Sample/COC Comments

ALS Field Services: _Pickup _Labor _Composite Sampling _Rental Equipment _Other:

Project Comments:
LOGGED BY(signature): Y N
REVIEWED BY(signature): Y N

Data Deliverables: [X] Standard [ ] CLP-like [ ] USACE
Special Processing: USACE [ ] Navy [ ]
State Samples Collected In: [ ] NY [ ] NJ [ ] PA [ ] NC [X] MD
Reportable to PADEP? Yes [ ] PWSID #
Sample Disposal: Lab [X] Special [ ]
EDDS: Format Type-

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Chris King / Triad Engineering	12/16/2019	11:00	2 Walter Cadagin / Triad Engineering	12/16/19	1303
3			4 ALS Bill Dubas	12/17/19	1212
5 ALS Bill Dubas	12/17/19	1650	6	12/17/19	1650
7			8		
9			10		

* G=Grab; C=Composite
**Matrix - Al=Air; DW=Drinking Water; GW=Groundwater; Oil=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

Rev 10/11

301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Triad | Work Order #: 30760136 | Initials: CD | Date: 12/17/19

1. Were airbills / tracking numbers present and recorded?	(NONE)	YES	NO
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?	(NONE)	YES	NO
3. Are Custody Seals on sample containers intact?	(NONE)	YES	NO
4. Is there a COC (Chain-of-Custody) present?		(YES)	NO
5. Are the COC and bottle labels complete, legible and in agreement?		(YES)	NO
5a. Does the COC contain sample locations?		(YES)	NO
5b. Does the COC contain date and time of sample collection for all samples?		(YES)	NO
5c. Does the COC contain sample collectors name?		(YES)	NO
5d. Does the COC note the type(s) of preservation for all bottles?		(YES)	NO
5e. Does the COC note the number of bottles submitted for each sample?		(YES)	NO
5f. Does the COC note the type of sample, composite or grab?		(YES)	NO
5g. Does the COC note the matrix of the sample(s)?		(YES)	NO
6. Are all aqueous samples requiring preservation preserved correctly?	N/A	(YES)	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?		(YES)	NO
8. Are all samples within holding times for the requested analyses?		(YES)	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)		(YES)	NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	(N/A)	YES	NO
11. Were the samples received on ice?		(YES)	NO
12. Were sample temperatures measured at 0.0-6.0°C		(YES)	NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below		(YES)	(NO)
13a. Are the samples required for SDWA compliance reporting?	N/A	YES	(NO)
13b. Did the client provide a SDWA PWS ID#?	N/A	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	N/A	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?	N/A	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	N/A	YES	NO

Cooler #: _____

Temperature (°C): 3

Thermometer ID: 31R

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

TABLE 1
Historical Drinking Water Well Sampling Results

Former Queen Residence
12412 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			EPA/MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Pre-filtration installation														
3/6/2008	12412 Stottlemyer Road	Kitchen Sink	0.230	0.200	<0.170	<0.310	NA	NA	<0.120	<0.170	2.36	**21.1**	<2.11	<0.170
4/16/2008	12412 Stottlemyer Road-C	Kitchen Sink	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	0.330	10.2	<2.11	<0.170
Post-filtration installation														
Pre-filter														
6/12/2008	12412 Wolfsville PR-1	Pre-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	3.83	**40.7**	<6.40	<0.450
7/22/2008	12412 Wolfsville PR-2	Pre-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	5.92	**63.9**	<6.40	<0.450
8/25/2008	12412 Wolfsville-PRE-3	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	16.3	**122**	7.02	0.310
3/4/2009	12412 Wolfsville-PR-4	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**244**	<0.0800	<0.170	NA	**120**	<1.53	0.300 J
5/21/2009	12412 Wolfsville-PR-6	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**207**	<0.0800	<0.0900	14.0	**125**	3.04 J	<0.170
9/2/2009	12412 Wolfsville-PR	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**142**	0.290 J	<0.0900	18.0	**109**	3.86 J	<0.170
11/23/2009	12412 Stottlemyer INF	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**122**	<0.0800	<0.0900	12.0	**113**	4.70 J	<0.170
3/3/2010	12412 Stottlemyer INF	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**119**	0.260 J	<0.0900	15.1	**150**	6.13 J	<0.170
6/24/2010	12412 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	0.850 J	NA	NA	<0.0500	<0.0500	21.7	**157**	2.36 J	0.190 J
9/10/2010	12412 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	0.230 J	<0.0500	17.6	**162**	6.77	0.260 J
12/22/2010	12412 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	7.09	**66.4**	<0.750	<0.0600
3/24/2011	12412 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	10.7	**111**	<0.750	<0.0600
6/16/2011	12412 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	2.02	**22.9**	<0.750	<0.0600
9/26/2011	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	0.86	2.89	NA	NA	<0.50	<0.50	2.21	**26.2**	<2.50	<0.50
12/20/2011	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	**63.5**	NA	NA
3/21/2012	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**47.4**	NA	NA
7/18/2012	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	7.88	**94.4**	<2.50	<0.500
9/6/2012	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**76.5**	NA	NA
12/19/2012	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	10.2	**128**	<2.50	<0.500
3/6/2013	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**116**	NA	NA
6/6/2013	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**118**	NA	NA
8/23/2013	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	20.9	**170**	5.1	<0.500
12/19/2013	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	19.2	**215**	6.1	<0.500
3/6/2014	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	10.8	**128**	<2.50	<0.500
6/10/2014	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**90.6**	<2.50	<0.500
8/8/2014	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**191**	5.74	<0.500
12/4/2014	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**109**	3.65	<0.500
2/26/2015	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	12.3	**120**	<2.50	<0.500
5/19/2015	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**93**	17.20	<0.500
9/22/2015	12412 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	10.8	**126**	6.8	<0.500
12/16/2015	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	6.4	**102**	<5.0	<0.50
3/9/2016	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	3.1	**48**	<5.0	<0.50
6/8/2016	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	0.83	<5.0	<0.50
9/16/2016	12412 Stottlemyer INF	Pre-filter	<2.5	<2.5	<2.5	<2.5	NA	NA	<2.5	<2.5	10.5	**121**	<25	<2.5
12/5/2016	12412 Stottlemyer INF	Pre-filter	<2.5	<2.5	<2.5	<2.5	NA	NA	<2.5	<2.5	13.5	**154**	<25	<2.5
3/23/2017	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	8.9	**112**	<5.0	<0.50
5/26/2017	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	5.3	**60**	<5.0	<0.50
8/31/2017	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	4.3	**70.5**	<5.0	<0.50
11/29/2017	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	3.7	**60.6**	<5.0	<0.50
3/7/2018	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	2.7	**41.9**	<5.0	<0.50
5/25/2018	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	2.7	**40.1**	<5.0	<0.50
9/11/2018	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	1.8	**33.5**	<5.0	<0.50
12/4/2018	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	1.5	**26.7**	<5.0	<0.50
3/26/2019	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	1.6	**26.5**	<5.0	<0.50
5/24/2019	12412 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	2	**35.3**	<5.0	<0.50
9/6/2019	12412 Stottlemyer INF	Pre-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	1.9	**35**	<1.4	<0.15
12/16/2019	12412 Stottlemyer INF	Pre-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	2.2	**44.1**	<1.4	<0.15

TABLE 1
Historical Drinking Water Well Sampling Results

Former Queen Residence
12412 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			EPA/MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Mid-filter														
6/12/2008	12412 Wolfsville M-1	Mid-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	<0.450
7/22/2008	12412 Wolfsville M-2	Mid-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	<0.450
8/25/2008	12412 Wolfsville-MID-3	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
3/4/2009	12412 Wolfsville-MID-4	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	NA	4.48	<1.53	<0.170
5/21/2009	12412 Wolfsville-MID-6	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	1.64	<1.53	<0.170
9/2/2009	12412 Wolfsville-MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	8.27	6.53 J	<0.170
11/23/2009	12412 Stottlemyer MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	**22.7**	<1.53	<0.170
3/3/2010	12412 Stottlemyer MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<38.0	<0.0800	<0.0900	<0.0500	**24.8**	4.32 J	<0.170
6/24/2010	12412 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0500	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
9/10/2010	12412 Stottlemyer MID	Mid-filter	<0.170	<0.120	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
12/22/2010	12412 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
3/24/2011	12412 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
6/16/2011	12412 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	7.50 J	<0.0600
9/26/2011	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50
12/20/2011	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	<0.50	NA	NA
3/21/2012	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
7/18/2012	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
9/6/2012	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
12/19/2012	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2013	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
6/6/2013	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	1.07	NA	NA
8/23/2013	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	2.12	3.0	<0.500
12/19/2013	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2014	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
6/10/2014	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
8/8/2014	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	2.90	<2.50	<0.500
12/4/2014	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	19.00	<2.50	<0.500
2/26/2015	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	31.00	<2.50	<0.500
5/19/2015	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	47.10	8.09	<0.500
9/22/2015	12412 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	**91.2**	3.38	<0.500
12/16/2015	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**70.1**	<5.0	<0.50
3/9/2016	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	3.1	**47.5**	<5.0	<0.50
6/8/2016	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**84.9**	<5.0	<0.50
9/16/2016	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/5/2016	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/23/2017	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/26/2017	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
8/31/2017	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
11/29/2017	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/7/2018	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<.50	<5.0	<0.50
3/26/2019	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12412 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/6/2019	12412 Stottlemyer MID	Mid-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15
12/16/2019	12412 Stottlemyer MID	Mid-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	0.79	<1.4	<0.15

TABLE 1
Historical Drinking Water Well Sampling Results

Former Queen Residence
12412 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			EPA/MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Post-filter														
6/12/2008	12412 Wolfsville PO-1	Post-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	<0.450
7/22/2008	12412 Wolfsville PO-2	Post-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	<0.450
8/25/2008	12412 Wolfsville-PO-3	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
3/4/2009	12412 Wolfsville-PO-4	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	NA	<0.120	4.56 J	<0.170
5/21/2009	12412 Wolfsville-PO-6	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
9/2/2009	12412 Wolfsville-PO	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
11/23/2009	12412 Stottlemyer EFF	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
3/3/2010	12412 Stottlemyer EFF	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<38.0	<0.0800	<0.900	<0.0500	<0.120	<1.53	<0.170
6/24/2010	12412 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0500	<0.0500	<0.0700	**20.2**	<0.750	<0.0600
7/20/2010	12412 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0500	<0.0500	<0.0700	**24.0**	<0.750	<0.0600
9/10/2010	12412 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
12/22/2010	12412 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
3/24/2011	12412 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
6/16/2011	12412 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
9/26/2011	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50
12/20/2011	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	<0.50	NA	NA
3/21/2012	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
7/18/2012	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
9/6/2012	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
12/19/2012	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2013	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
6/6/2013	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
8/23/2013	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	2.8	<0.500
12/19/2013	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2014	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
6/10/2014	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
8/8/2014	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
12/4/2014	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
2/26/2015	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
5/19/2015	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
9/22/2015	12412 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
12/16/2015	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/9/2016	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
6/8/2016	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	3.8	**57.6**	<5.0	<0.50
9/16/2016	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	2.6	<5.0	<0.50
12/5/2016	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	8.3	<5.0	<0.50
3/23/2017	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/26/2017	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
8/31/2017	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
11/29/2017	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/7/2018	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	0.70	<5.0	<0.50
3/26/2019	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12412 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/6/2019	12412 Stottlemyer EFF	Post-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15
12/16/2019	12412 Stottlemyer EFF	Post-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15

NOTES:
< = Not detected at a concentration greater than or equal to the analytical method detection limit (MDL).
DRO= Diesel Range Organics
GRO= Gasoline Range Organics
MTBE = Methyl Tertiary Butyl Ether
TBA = Tert-Butyl Alcohol
TAME = Tert-Amyl Methyl Ether
ETBE= Ethyl Tertiary Butyl Ether
DIPE= Di-Isopropyl Ether
µg/kg = Micrograms per Liter, which is equivalent to parts per billion (ppb)
NA = Not Analyzed
Bold = Above EPA Drinking Water Standard or MDE Groundwater Standard
= Most recent quarterly event

Letter Sent to Mr. Fred Maxey
12415 Stottlemyer Road, Myersville, Maryland

January 6, 2020

Mr. Fred Maxey
12415 Stottlemyer Road
Myersville, Maryland 21773

Reference: Fourth Quarter 2019 Drinking Water Laboratory Test Results
12415 Stottlemyer Road, Myersville, Maryland

Dear Mr. Maxey:

Attached is a copy of the drinking water sampling test results for the drinking water samples collected from your residence on December 16, 2019.

In summary, none of the petroleum contaminants for which testing was conducted were present above the laboratory Method Detection Limit (MDL), i.e., the lowest concentration at which the laboratory can identify the presence of a contaminant, in any of the water samples.

Should you have any additional questions regarding these results, please do not hesitate to contact me at 301-797-6400 or Mr. Nick Psenicnik with the MDE at 301-665-2857.

Respectfully submitted,

TRIAD ENGINEERING, INC.

Patrick M. Upham
Environmental Scientist

Nicholas J. Wolfe, PG
Environmental Services Manager

Attachment: Drinking Water Sampling Results
Historical Summary Table

cc: Mr. Nick Psenicnik – MDE
Mr. Gary Grove

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

December 23, 2019

Mr. Nick Wolfe
Triad Engineering
1075D Sherman Avenue
Hagerstown, MD 21740

Certificate of Analysis

Project Name:	**Projects for Nick Wolf**	Workorder:	**3076137**
Purchase Order:		Workorder ID:	**Harnes Store 03-07-0087**

Dear Mr. Wolfe:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, December 17, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Shannon Butler (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

Shannon Butler

Ms. Shannon Butler
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

SAMPLE SUMMARY

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3076137001	12415-INF	Drinking Water	12/16/2019 10:50	12/17/2019 16:50	Collected by Client
3076137002	12415-MID	Drinking Water	12/16/2019 10:53	12/17/2019 16:50	Collected by Client
3076137003	12415-EFF	Drinking Water	12/16/2019 10:56	12/17/2019 16:50	Collected by Client
3076137004	12415-TB	Drinking Water	12/17/2019 16:50	12/17/2019 16:50	Collected by Client

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

SAMPLE SUMMARY

Workorder: 3076137 Harnes Store 03-07-0087

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
-- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
-- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
-- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

PROJECT SUMMARY

Workorder: 3076137 Harnes Store 03-07-0087

Sample Comments

Lab ID: 3076137004 **Sample ID:** 12415-TB **Sample Type:** SAMPLE

This sample was cancelled per project specifications.

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137001** Date Collected: 12/16/2019 10:50 Matrix: Drinking Water

Sample ID: **12415-INF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 19:01	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 19:01	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 19:01	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:01	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:01	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 19:01	TMP	A
Bromomethane	0.16J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 19:01	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 19:01	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 19:01	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 19:01	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:01	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:01	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:01	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:01	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 19:01	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 19:01	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:01	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 19:01	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:01	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:01	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:01	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 19:01	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:01	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:01	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:01	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 19:01	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:01	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:01	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:01	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 19:01	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 19:01	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:01	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:01	TMP	A
Methyl t-Butyl Ether	0.41J	J	ug/L	0.50	0.090	EPA 524.2		12/19/19 19:01	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 19:01	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:01	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:01	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137001** Date Collected: 12/16/2019 10:50 Matrix: Drinking Water

Sample ID: **12415-INF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 19:01	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 19:01	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 19:01	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 19:01	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 19:01	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 19:01	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 19:01	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 19:01	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 19:01	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 19:01	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	90.8		%	70 - 130	EPA 524.2			12/19/19 19:01	TMP	A
4-Bromofluorobenzene (S)	89.9		%	70 - 130	EPA 524.2			12/19/19 19:01	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137002** Date Collected: 12/16/2019 10:53 Matrix: Drinking Water

Sample ID: **12415-MID** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 19:25	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 19:25	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 19:25	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:25	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:25	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 19:25	TMP	A
Bromomethane	0.17J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 19:25	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 19:25	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 19:25	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 19:25	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:25	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:25	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:25	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:25	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 19:25	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 19:25	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:25	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 19:25	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:25	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:25	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:25	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 19:25	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:25	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:25	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:25	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 19:25	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:25	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:25	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:25	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 19:25	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 19:25	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:25	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:25	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/19/19 19:25	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 19:25	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:25	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:25	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137002** Date Collected: 12/16/2019 10:53 Matrix: Drinking Water

Sample ID: **12415-MID** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 19:25	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 19:25	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 19:25	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 19:25	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 19:25	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 19:25	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 19:25	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 19:25	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 19:25	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 19:25	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	89.7		%	70 - 130	EPA 524.2			12/19/19 19:25	TMP	A
4-Bromofluorobenzene (S)	91.7		%	70 - 130	EPA 524.2			12/19/19 19:25	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137003** Date Collected: 12/16/2019 10:56 Matrix: Drinking Water

Sample ID: **12415-EFF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 19:50	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 19:50	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 19:50	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:50	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:50	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 19:50	TMP	A
Bromomethane	0.26J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 19:50	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 19:50	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 19:50	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 19:50	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:50	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:50	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:50	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:50	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 19:50	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 19:50	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:50	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 19:50	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:50	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:50	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:50	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 19:50	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:50	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:50	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:50	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 19:50	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:50	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:50	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 19:50	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 19:50	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 19:50	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 19:50	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 19:50	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/19/19 19:50	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 19:50	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 19:50	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 19:50	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137003** Date Collected: 12/16/2019 10:56 Matrix: Drinking Water

Sample ID: **12415-EFF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 19:50	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 19:50	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 19:50	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 19:50	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 19:50	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 19:50	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 19:50	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 19:50	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 19:50	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 19:50	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	89.4		%	70 - 130	EPA 524.2			12/19/19 19:50	TMP	A
4-Bromofluorobenzene (S)	87.9		%	70 - 130	EPA 524.2			12/19/19 19:50	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID: **3076137004** Date Collected: 12/17/2019 16:50 Matrix: Drinking Water

Sample ID: **12415-TB** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	*Cntr*
ADMINISTRATIVE										
Sample Cancelled	CANCEL							12/23/19 07:48	CPK	

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3076137 Harnes Store 03-07-0087

Lab ID	Sample ID	Analysis Method	Prep Method
3076137001	12415-INF	EPA 524.2	
3076137002	12415-MID	EPA 524.2	
3076137003	12415-EFF	EPA 524.2	

ALS Environmental
34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F.717-944-1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC ALS * 3076137 * 1 of 1

Client Name: Triad Engineering
Address: 1075 D Sherman Ave, Hagerstown, Maryland 21740
Contact: Nicholas Wolfe
Phone#: 301-797-6400
Project Name/#: Harnes Store 03-07-0087
Bill To: Triad
TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.
Date Required: Approved By:
Email? [X] -Y nwolfe@triadeng.com
Fax? [ ] -Y No.:

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	*G or C	**Matrix	Container Type	Container Size	Preservative	Full Suite VOC's 524.2	Trip Blank
					VOA	40ml	HCL	ANALYSES/METHOD REQUESTED	
								Enter Number of Containers Per Sample or Field Results Below.	
12415-INF	12/16/2019	10:50	G	DW				3	
12415-MID	12/16/2019	10:53	G	DW				3	
12415-EFF	12/16/2019	10:56	G	DW				3	
12415	12/16/2019								2 X

Receipt Information (completed by Receiving Lab)
Cooler Temp: 0 Therm ID: 58
No. of Coolers:

	Y	N	Initial
Custody Seals Present?			
(If present) Seals Intact?			
Received on Ice?			
COC/Labels Complete/Accurate?			
Cont. in Good Cond.?			
Correct Containers?			
Correct Sample Volumes?			
Correct Preservation?			
Headspace/Volatiles?			

Courier/Tracking #:
Sample/COC Comments
ALS Field Services: _Pickup _Labor _Composite Sampling _Rental Equipment _Other:

Project Comments:
LOGGED BY(signature): Date: Time:
REVIEWED BY(signature): Date: Time:

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Chris King / Triad Engineering	12/16/2019	11:00	2 Walter Ludwig / Triad Eng	12/16/19	1323
3			4 ALS Bill Dube	12/17/19	1212
5 ALS Bill Dube	121719	1650	6	12/17/19	1650
7			8		
9			10		

Data Deliverables: [X] Standard [ ] CLP-like [ ] USACE
Special Processing: USACE [ ] Navy [ ]
State Samples Collected In: [ ] NY [ ] NJ [ ] PA [ ] NC [X] MD
Reportable to PADEP? Yes [ ] PWSID #
Sample Disposal: Lab [X] Special [ ]
EDDS: Format Type-

* G=Grab; C=Composite
** Matrix - Al=Air; DW=Drinking Water; GW=Groundwater; Ol=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

Rev 10/11

301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Triad | Work Order #: 3076137 | Initials: CD | Date: 12/17/19

1. Were airbills / tracking numbers present and recorded?	(NONE)	YES	NO
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?	(NONE)	YES	NO
3. Are Custody Seals on sample containers intact?	(NONE)	YES	NO
4. Is there a COC (Chain-of-Custody) present?		(YES)	NO
5. Are the COC and bottle labels complete, legible and in agreement?		(YES)	NO
5a. Does the COC contain sample locations?		(YES)	NO
5b. Does the COC contain date and time of sample collection for all samples?		(YES)	NO
5c. Does the COC contain sample collectors name?		(YES)	NO
5d. Does the COC note the type(s) of preservation for all bottles?		(YES)	NO
5e. Does the COC note the number of bottles submitted for each sample?		(YES)	NO
5f. Does the COC note the type of sample, composite or grab?		(YES)	NO
5g. Does the COC note the matrix of the sample(s)?		(YES)	NO
6. Are all aqueous samples requiring preservation preserved correctly?	N/A	(YES)	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?		(YES)	NO
8. Are all samples within holding times for the requested analyses?		(YES)	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)		(YES)	NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	(N/A)	YES	NO
11. Were the samples received on ice?		(YES)	NO
12. Were sample temperatures measured at 0.0-6.0°C		(YES)	NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below		(YES)	NO
13a. Are the samples required for SDWA compliance reporting?	N/A	YES	(NO)
13b. Did the client provide a SDWA PWS ID#?	(N/A)	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	(N/A)	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?	(N/A)	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	(N/A)	YES	NO

Cooler #: _____

Temperature (°C): 0

Thermometer ID: 318

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

TABLE 1
Historical Drinking Water Well Sampling Results

Maxey-Draper Residence
12415 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			EPA/MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Pre-treatment installation														
2/18/2008	12415 Stottlemyer Road	Well	<0.100	<0.220	<0.150	<0.320	NA	NA	1.20	<0.100	29.6	**148**	2.80	0.230
Post-treatment installation														
Pre-filter														
4/2/2008	12415 Stottlemyer PR-1	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	2.10	<0.170	50.2	**282**	9.87	0.380
5/7/2008	12415 Stottlemyer PR-2	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	2.62	<0.170	69.2	**396**	13.8	0.480
6/12/2008	12415 Stottlemyer PR-3	Pre-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	57.5	**343**	15.2	0.450
9/23/2008	12415 Stottlemyer PR-4	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	1.95	<0.170	63.0	**438**	29.0	0.550
12/17/2008	12415 Stottlemyer PR-5	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	**393**	1.77	<0.170	54.4	**337**	10.0	0.490
3/4/2009	12415 Stottlemyer PR-6	Pre-filter	<0.170	<0.170	<0.170	<0.190	NA	**964**	1.980	<0.0900	NA	**415**	17.6	0.590
5/21/2009	12415 Stottlemyer PR-7	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**856**	2.02	<0.0900	72.8	**549**	27.4	0.730
9/2/2009	12415 Stottlemyer PR	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**345**	1.56	<0.0900	51.4	**265**	14.4	0.290 J
11/23/2009	12415 Stottlemyer INF	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**437**	1.65	<0.0900	55.2	**492**	16.5	0.510
3/3/2010	12415 Stottlemyer INF	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**123**	0.500	<0.0900	27.2	**119**	<1.53	<0.170
6/24/2010	12415 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	1.61	<0.0500	70.1	**602**	17.70	0.520
9/10/2010	12415 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	1.49	<0.0500	53.3	**470**	9.65 J	0.530
12/22/2010	12415 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	1.51	<0.0500	55.0	**405**	11.60	0.460 J
3/24/2011	12415 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	1.32	<0.0500	62.7	**460**	14.1	0.450 J
6/16/2011	12415 Stottlemyer INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	1.05	<0.0500	51.6	**322**	14.8	0.440 J
9/26/2011	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	0.56	<0.50	14.9	**294**	22.6	<0.50
12/20/2011	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	**48.3**	NA	NA
3/21/2012	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	0.580	NA	NA	**63.4**	NA	NA
9/6/2012	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**57.2**	NA	NA
12/19/2012	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	29.2	**194**	5.82	<0.500
3/6/2013	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	3.69	NA	NA	**1,310**	NA	NA
6/6/2013	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.59	NA	NA	**1,160**	NA	NA
8/23/2013	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	3.45	<0.500	142	**1,080**	154	1.37
12/19/2013	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.48	<0.500	136	**1,320**	141	1.53
3/6/2014	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.37	<0.500	116	**1,020**	76.5	1.09
6/10/2014	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	3.29	NA	NA	**1,240**	61.6	1.81
8/8/2014	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.3	NA	NA	**1,180**	170	1.45
12/4/2014	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	3.1	NA	NA	**1,110**	72	1.44
2/26/2015	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.37	<0.500	105	**1,120**	86.8	1.54
5/19/2015	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.31	NA	NA	**1,160**	191.0	1.65
9/22/2015	12415 Stottlemyer INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	2.56	<0.500	161	**1,360**	131	1.55
12/16/2015	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	2.20	<0.50	116	**1,390**	98.7	1.3
3/9/2016	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<2.50	<0.50	109	**1,270**	120.0	1.3
New Well Pre-filter														
5/11/2016	12415 Stottlemyer INF	Pre-filter	<0.50	175	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	2.4	<5.0	<0.50
6/8/2016	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	0.56	3.6	<5.0	<0.50
9/16/2016	12415 Stottlemyer INF	Pre-filter	<0.50	ND	<0.50	<0.50	NA	NA	<0.50	<0.50	0.81	4.7	<5.0	<0.50
12/5/2016	12415 Stottlemyer INF	Pre-filter	<0.50	ND	<0.50	<0.50	NA	NA	<0.50	<0.50	0.67	4.1	<5.0	<0.50
3/23/2017	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	0.6	<5.0	<0.50
5/26/2017	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	1.9	<5.0	<0.50
8/31/2017	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	1.4	<5.0	<0.50
11/29/2017	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	1.1	<5.0	<0.50
3/7/2018	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12415 Stottlemyer INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/16/2019	12415 Stottlemyer INF	Pre-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	0.41J	<1.4	<0.15

TABLE 1
Historical Drinking Water Well Sampling Results

Maxey-Draper Residence
12415 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			EPA/MDE Standards											
Date	Sample ID	Location	5	1,000	700	10,000	47	47	5	-	-	20	-	-
Mid-filter														
4/2/2008	12415 Stottlemyer M-1	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
5/7/2008	12415 Stottlemyer M-2	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
6/12/2008	12415 Stottlemyer M-3	Mid-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	0.450
9/23/2008	12415 Stottlemyer M-4	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
12/17/2008	12415 Stottlemyer MID-5	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	<26.0	<0.120	<0.170	<0.170	<0.130	9.44	<0.170
3/4/2009	12415 Stottlemyer MID-6	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**215**	<0.0800	<0.0900	NA	<0.120	25.1	<0.170
5/21/2009	12415 Stottlemyer MID-7	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**53.5 J**	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
9/2/2009	12415 Stottlemyer MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
11/23/2009	12415 Stottlemyer MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
3/3/2010	12415 Stottlemyer MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<38.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
6/24/2010	12415 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
9/10/2010	12415 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	4.35 J	<0.0600
12/22/2010	12415 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
3/24/2011	12415 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
6/16/2011	12415 Stottlemyer MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	7.75 J	<0.0600
9/26/2011	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	26.6	<0.50
12/20/2011	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	1.05	NA	NA
3/21/2012	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
9/6/2012	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
12/19/2012	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	11.9	<0.500
3/6/2013	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	4.51	NA	NA
6/6/2013	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	14.50	NA	NA
8/23/2013	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	26.60	176.0	<0.500
12/19/2013	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	31.6	<0.500
3/6/2014	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	58.9	<0.500
6/10/2014	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	2.69	67.3	<0.500
8/8/2014	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
12/4/2014	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**92.00**	97.4	<0.500
2/26/2015	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
5/19/2015	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	1.82	61.0	<0.500
9/22/2015	12415 Stottlemyer MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	1.85	**188**	114	<0.500
12/16/2015	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	18.5	<0.50
3/9/2016	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	17.6	106.0	<0.50
New Well Mid-filter														
5/11/2016	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	133	111	<0.50
6/8/2016	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/16/2016	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/5/2016	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	1.9	<5.0	<0.50
3/23/2017	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	0.7	<5.0	<0.50
5/26/2017	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	1.7	<5.0	<0.50
8/31/2017	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	1.2	<5.0	<0.50
11/29/2017	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	0.98	<5.0	<0.50
3/7/2018	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12415 Stottlemyer MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/16/2019	12415 Stottlemyer MID	Mid-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15

TABLE 1
Historical Drinking Water Well Sampling Results

Maxey-Draper Residence
12415 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			EPA/MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Post-filter														
4/2/2008	12415 Stottlemyer PO-1	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
5/7/2008	12415 Stottlemyer PO-2	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
6/12/2008	12415 Stottlemyer PO-3	Post-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	0.450
9/23/2008	12415 Stottlemyer PO-4	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.370	<0.120	<0.170	<0.130	<2.11	<0.170
12/17/2008	12415 Stottlemyer PO-5	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	<26.0	<0.370	<0.120	<0.170	<0.130	<2.11	<0.170
3/4/2009	12415 Stottlemyer PO-6	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	0.290	<0.0900	NA	<0.120	<1.53	<0.170
5/21/2009	12415 Stottlemyer PO-7	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
9/2/2009	12415 Stottlemyer PO	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
11/23/2009	12415 Stottlemyer EFF	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
3/3/2010	12415 Stottlemyer EFF	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<38.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
6/24/2010	12415 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
9/10/2010	12415 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
12/22/2010	12415 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
3/24/2011	12415 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
6/16/2011	12415 Stottlemyer EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
9/26/2011	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50
12/20/2011	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	<0.50	NA	NA
3/21/2012	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
9/6/2012	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
12/19/2012	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2013	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
6/6/2013	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
8/23/2013	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	27.2	<0.500
12/19/2013	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2014	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	7.7	<0.500
6/10/2014	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	54.9	<0.500
8/8/2014	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
12/4/2014	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	14.6	<0.500
2/26/2015	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
5/19/2015	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
9/22/2015	12415 Stottlemyer EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	102.0	<0.500
12/16/2015	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/9/2016	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	18.8	<0.50
New Well Post-filter														
5/11/2016	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	110	<0.50
6/8/2016	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	7.5	<0.50
9/16/2016	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/5/2016	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/23/2017	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	6.1	<0.50
5/26/2017	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
8/31/2017	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
11/29/2017	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/7/2018	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12415 Stottlemyer EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/16/2019	12415 Stottlemyer EFF	Post-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15

NOTES:
< = Not detected at a concentration greater than or equal to the analytical method detection limit (MDL
DRO= Diesel Range Organics
GRO= Gasoline Range Organics
MTBE = Methyl Tertiary Butyl Ether
TBA = Tert-Butyl Alcohol
TAME = Tert-Amyl Methyl Ether
ETBE= Ethyl Tertiary Butyl Ether
DIPE= Di-Isopropyl Ether
µg/kg = Micrograms per Liter, which is equivalent to parts per billion (ppb)
NA = Not Analyzed
Bold = Above EPA Drinking Water Standard or MDE Groundwater Standard
= Most recent quarterly event

Letter Sent to Mr. and Mrs. James Masser
12416 Stottlemyer Road, Myersville, Maryland

January 6, 2020

Mr. and Mrs. James Masser
12416 Stottlemyer Road
Myersville, Maryland 21773

Reference: Fourth Quarter 2019 Drinking Water Laboratory Test Results
12416 Stottlemyer Road, Myersville, Maryland

Dear Mr. and Mrs. Masser:

Attached is a copy of the drinking water sampling test results for the sample collected from your residence on December 16, 2019.

In summary, none of the petroleum contaminants for which testing was conducted were present above the laboratory Method Detection Limit (MDL), i.e., the lowest concentration at which the laboratory can identify the presence of a contaminant, in any of the water samples.

Should you have any additional questions regarding these results, please do not hesitate to contact me at 301-797-6400 or Mr. Nick Psenicnik with the MDE at 301-665-2857.

Respectfully submitted,

TRIAD ENGINEERING, INC.

Patrick M. Upham
Environmental Scientist

Nicholas J. Wolfe, PG
Environmental Services Manager

Attachments: Drinking Water Sampling Results
Historical Summary Table

cc: Mr. Nick Psenicnik – MDE
Mr. Gary Grove

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

December 30, 2019

Mr. Nick Wolfe
Triad Engineering
1075D Sherman Avenue
Hagerstown, MD 21740

Certificate of Analysis

Project Name:	**Projects for Nick Wolf**	Workorder:	**3076138**
Purchase Order:		Workorder ID:	**Harnes Store 03-07-0087**

Dear Mr. Wolfe:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, December 17, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Shannon Butler (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

Shannon Butler

Ms. Shannon Butler
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

SAMPLE SUMMARY

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3076138001	12416-INF	Drinking Water	12/16/2019 10:23	12/17/2019 16:50	Collected by Client
3076138002	12416-MID	Drinking Water	12/16/2019 10:26	12/17/2019 16:50	Collected by Client
3076138003	12416-EFF	Drinking Water	12/16/2019 10:29	12/17/2019 16:50	Collected by Client
3076138004	12416-TB	Drinking Water	12/17/2019 16:50	12/17/2019 16:50	Collected by Client

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

SAMPLE SUMMARY

Workorder: 3076138 Harnes Store 03-07-0087

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
-- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
-- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
-- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138001** Date Collected: 12/16/2019 10:23 Matrix: Drinking Water

Sample ID: **12416-INF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 20:14	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 20:14	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 20:14	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:14	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:14	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 20:14	TMP	A
Bromomethane	0.20J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 20:14	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 20:14	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 20:14	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 20:14	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 20:14	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 20:14	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:14	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:14	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 20:14	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 20:14	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 20:14	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 20:14	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:14	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:14	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:14	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 20:14	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:14	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:14	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:14	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 20:14	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 20:14	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:14	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 20:14	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 20:14	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 20:14	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:14	TMP	A
Ethylbenzene	0.23J	J	ug/L	0.50	0.18	EPA 524.2		12/19/19 20:14	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/19/19 20:14	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 20:14	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:14	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:14	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138001** Date Collected: 12/16/2019 10:23 Matrix: Drinking Water

Sample ID: **12416-INF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 20:14	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 20:14	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 20:14	TMP	A
Total Xylenes	1.4		ug/L	0.50	0.27	EPA 524.2			12/19/19 20:14	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 20:14	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 20:14	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 20:14	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 20:14	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 20:14	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 20:14	TMP	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	90.9		%	70 - 130		EPA 524.2			12/19/19 20:14	TMP	A
4-Bromofluorobenzene (S)	95.4		%	70 - 130		EPA 524.2			12/19/19 20:14	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138002** Date Collected: 12/16/2019 10:26 Matrix: Drinking Water

Sample ID: **12416-MID** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 20:39	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 20:39	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 20:39	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:39	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:39	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 20:39	TMP	A
Bromomethane	0.21J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 20:39	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 20:39	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 20:39	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 20:39	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 20:39	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 20:39	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:39	TMP	A
Chloromethane	0.31J	J	ug/L	0.50	0.22	EPA 524.2		12/19/19 20:39	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 20:39	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 20:39	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 20:39	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 20:39	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:39	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:39	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:39	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 20:39	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:39	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:39	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:39	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 20:39	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 20:39	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:39	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 20:39	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 20:39	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 20:39	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 20:39	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 20:39	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/19/19 20:39	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 20:39	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 20:39	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 20:39	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138002** Date Collected: 12/16/2019 10:26 Matrix: Drinking Water

Sample ID: **12416-MID** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 20:39	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 20:39	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 20:39	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 20:39	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 20:39	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 20:39	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 20:39	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 20:39	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 20:39	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 20:39	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	89.1		%	70 - 130	EPA 524.2			12/19/19 20:39	TMP	A
4-Bromofluorobenzene (S)	89.8		%	70 - 130	EPA 524.2			12/19/19 20:39	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138003** Date Collected: 12/16/2019 10:29 Matrix: Drinking Water

Sample ID: **12416-EFF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/19/19 21:03	TMP	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/19/19 21:03	TMP	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/19/19 21:03	TMP	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 21:03	TMP	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 21:03	TMP	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 21:03	TMP	A
Bromomethane	0.20J	J	ug/L	0.50	0.13	EPA 524.2		12/19/19 21:03	TMP	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/19/19 21:03	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/19/19 21:03	TMP	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 21:03	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 21:03	TMP	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 21:03	TMP	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 21:03	TMP	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 21:03	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/19/19 21:03	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/19/19 21:03	TMP	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 21:03	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/19/19 21:03	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 21:03	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 21:03	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 21:03	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/19/19 21:03	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 21:03	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 21:03	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 21:03	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/19/19 21:03	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 21:03	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 21:03	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/19/19 21:03	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/19/19 21:03	TMP	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/19/19 21:03	TMP	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/19/19 21:03	TMP	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/19/19 21:03	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/19/19 21:03	TMP	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/19/19 21:03	TMP	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/19/19 21:03	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/19/19 21:03	TMP	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138003** Date Collected: 12/16/2019 10:29 Matrix: Drinking Water

Sample ID: **12416-EFF** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/19/19 21:03	TMP	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/19/19 21:03	TMP	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/19/19 21:03	TMP	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/19/19 21:03	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/19/19 21:03	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/19/19 21:03	TMP	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/19/19 21:03	TMP	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/19/19 21:03	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/19/19 21:03	TMP	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/19/19 21:03	TMP	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	90.6		%	70 - 130	EPA 524.2			12/19/19 21:03	TMP	A
4-Bromofluorobenzene (S)	88.8		%	70 - 130	EPA 524.2			12/19/19 21:03	TMP	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138004** Date Collected: 12/17/2019 16:50 Matrix: Drinking Water

Sample ID: **12416-TB** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS										
tert-Amyl methyl ether	ND		ug/L	0.50	0.15	EPA 524.2		12/24/19 06:50	PDK	A
tert-Amyl Alcohol	ND		ug/L	5.0	1.6	EPA 524.2		12/24/19 06:50	PDK	A
Benzene	ND		ug/L	0.50	0.070	EPA 524.2		12/24/19 06:50	PDK	A
Bromobenzene	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:50	PDK	A
Bromodichloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:50	PDK	A
Bromoform	ND		ug/L	0.50	0.23	EPA 524.2		12/24/19 06:50	PDK	A
Bromomethane	0.30J	J	ug/L	0.50	0.13	EPA 524.2		12/24/19 06:50	PDK	A
tert-Butyl Alcohol	ND		ug/L	5.0	1.4	EPA 524.2		12/24/19 06:50	PDK	A
Carbon Tetrachloride	ND		ug/L	0.50	0.20	EPA 524.2		12/24/19 06:50	PDK	A
Chlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2		12/24/19 06:50	PDK	A
Chlorodibromomethane	ND		ug/L	0.50	0.18	EPA 524.2		12/24/19 06:50	PDK	A
Chloroethane	ND		ug/L	0.50	0.24	EPA 524.2		12/24/19 06:50	PDK	A
Chloroform	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:50	PDK	A
Chloromethane	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:50	PDK	A
o-Chlorotoluene	ND		ug/L	0.50	0.23	EPA 524.2		12/24/19 06:50	PDK	A
p-Chlorotoluene	ND		ug/L	0.50	0.16	EPA 524.2		12/24/19 06:50	PDK	A
Dibromomethane	ND		ug/L	0.50	0.24	EPA 524.2		12/24/19 06:50	PDK	A
1,2-Dichlorobenzene	ND		ug/L	0.50	0.13	EPA 524.2		12/24/19 06:50	PDK	A
1,3-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:50	PDK	A
1,4-Dichlorobenzene	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:50	PDK	A
1,1-Dichloroethane	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:50	PDK	A
1,2-Dichloroethane	ND		ug/L	0.50	0.10	EPA 524.2		12/24/19 06:50	PDK	A
1,1-Dichloroethene	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:50	PDK	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:50	PDK	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:50	PDK	A
1,3-Dichloropropane	ND		ug/L	0.50	0.14	EPA 524.2		12/24/19 06:50	PDK	A
2,2-Dichloropropane	ND		ug/L	0.50	0.18	EPA 524.2		12/24/19 06:50	PDK	A
1,2-Dichloropropane	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:50	PDK	A
1,1-Dichloropropene	ND		ug/L	0.50	0.24	EPA 524.2		12/24/19 06:50	PDK	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	0.23	EPA 524.2		12/24/19 06:50	PDK	A
Diisopropyl ether	ND		ug/L	0.50	0.21	EPA 524.2		12/24/19 06:50	PDK	A
Ethyl tert-butyl ether	ND		ug/L	0.50	0.19	EPA 524.2		12/24/19 06:50	PDK	A
Ethylbenzene	ND		ug/L	0.50	0.18	EPA 524.2		12/24/19 06:50	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	0.090	EPA 524.2		12/24/19 06:50	PDK	A
Methylene Chloride	ND		ug/L	0.50	0.32	EPA 524.2		12/24/19 06:50	PDK	A
Styrene	ND		ug/L	0.50	0.11	EPA 524.2		12/24/19 06:50	PDK	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.22	EPA 524.2		12/24/19 06:50	PDK	A

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYTICAL RESULTS

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID: **3076138004** Date Collected: 12/17/2019 16:50 Matrix: Drinking Water

Sample ID: **12416-TB** Date Received: 12/17/2019 16:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.13	EPA 524.2			12/24/19 06:50	PDK	A
Tetrachloroethene	ND		ug/L	0.50	0.17	EPA 524.2			12/24/19 06:50	PDK	A
Toluene	ND		ug/L	0.50	0.12	EPA 524.2			12/24/19 06:50	PDK	A
Total Xylenes	ND		ug/L	0.50	0.27	EPA 524.2			12/24/19 06:50	PDK	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.14	EPA 524.2			12/24/19 06:50	PDK	A
1,1,1-Trichloroethane	ND		ug/L	0.50	0.15	EPA 524.2			12/24/19 06:50	PDK	A
1,1,2-Trichloroethane	ND		ug/L	0.50	0.20	EPA 524.2			12/24/19 06:50	PDK	A
Trichloroethene	ND		ug/L	0.50	0.21	EPA 524.2			12/24/19 06:50	PDK	A
1,2,3-Trichloropropane	ND		ug/L	0.50	0.28	EPA 524.2			12/24/19 06:50	PDK	A
Vinyl Chloride	ND		ug/L	0.50	0.23	EPA 524.2			12/24/19 06:50	PDK	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichlorobenzene-d4 (S)	93		%	70 - 130	EPA 524.2			12/24/19 06:50	PDK	A
4-Bromofluorobenzene (S)	87.9		%	70 - 130	EPA 524.2			12/24/19 06:50	PDK	A

Shannon Butler

Ms. Shannon Butler
Project Coordinator

ALS Environmental

301 Fulling Mill Road - Middletown, PA 17057 - Phone: 717-944-5541 - Fax: 717-944-1430 - www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3076138 Harnes Store 03-07-0087

Lab ID	Sample ID	Analysis Method	Prep Method
3076138001	12416-INF	EPA 524.2	
3076138002	12416-MID	EPA 524.2	
3076138003	12416-EFF	EPA 524.2	
3076138004	12416-TB	EPA 524.2	

ALS Environmental
34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F.717-944-1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC ALS 1 of 1

* 3076138 *

Client Name:	Triad Engineering
Address:	1075 D Sherman Ave, Hagerstown, Maryland 21740
Contact:	Nicholas Wolfe
Phone#:	301-797-6400
Project Name/#:	Haines Store 03-07-0087
Bill To:	Triad
TAT	[X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.
Date Required:	Approved By:
Email?	[X] Y nwolfe@triadeng.com
Fax?	[ ] Y No.:

Container Type	VOA	Voa						
Container Size	40ml	40 mL						
Preservative	HCL	HCl						

ANALYSES/METHOD REQUESTED

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	*G or C	**Matrix	Full Suite VOC's 524.2	Trip Blank						
					Enter Number of Containers Per Sample or Field Results Below.							
12416-INF	12/16/2019	10:23	G	DW	3							
12416-MID	12/16/2019	10:26	G	DW	3							
12416-EFF	12/16/2019	10:29	G	DW	3							
12416	12/16/2019					2 X						
						12/17						
						12/17						

Receipt Information (completed by Receiving Lab)

Cooler Temp: 2 Therm ID: 318
No. of Coolers:

	Y	N	Initial
Custody Seals Present?			
(If present) Seals Intact?			
Received on Ice?			
COC/Labels Complete/Accurate?			
Cont. in Good Cond.?			
Correct Containers?			
Correct Sample Volumes?			
Correct Preservation?			
Headspace/Volatiles?			

Courier/Tracking #:

Sample/COC Comments

ALS Field Services: _Pickup _Labor _Composite Sampling _Rental Equipment _Other:

Project Comments:

LOGGED BY(signature): Date: ¥:

REVIEWED BY(signature): Date: ¥:

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Chris King / Triad Engineering	12/16/2019	11:00	2 Dalton Carbaugh / Triad Eng.	12/16/19	1303
3			4 ALS - Bill Duke	12/17/19	1212
5 ALS - Bill Duke	12/17/19	1650	6	12/17/19	1650
7			8		
9			10		

Data Deliverables: [X] Standard [ ] CLP-like [ ] USACE

Special Processing: USACE [ ] Navy [ ]

State Samples Collected In: [ ] NY [ ] NJ [ ] PA [ ] NC [X] MD

Reportable to PADEP? Yes [ ] PWSID #

Sample Disposal: Lab [X] Special [ ]

EDDS: Format Type-

* G=Grab; C=Composite

**Matrix - Al=Air; DW=Drinking Water; GW=Groundwater; Oil=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

Rev 10/11

301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Triad | Work Order #: 3076138 | Initials: CS | Date: 12/17/19

1. Were airbills / tracking numbers present and recorded?	(NONE)	YES	NO
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?	(NONE)	YES	NO
3. Are Custody Seals on sample containers intact?	(NONE)	YES	NO
4. Is there a COC (Chain-of-Custody) present?		(YES)	NO
5. Are the COC and bottle labels complete, legible and in agreement?		(YES)	NO
5a. Does the COC contain sample locations?		(YES)	NO
5b. Does the COC contain date and time of sample collection for all samples?		(YES)	NO
5c. Does the COC contain sample collectors name?		(YES)	NO
5d. Does the COC note the type(s) of preservation for all bottles?		(YES)	NO
5e. Does the COC note the number of bottles submitted for each sample?		(YES)	NO
5f. Does the COC note the type of sample, composite or grab?		(YES)	NO
5g. Does the COC note the matrix of the sample(s)?		(YES)	NO
6. Are all aqueous samples requiring preservation preserved correctly?	N/A	(YES)	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?		(YES)	NO
8. Are all samples within holding times for the requested analyses?		(YES)	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)		(YES)	NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	(N/A)	YES	NO
11. Were the samples received on ice?		(YES)	NO
12. Were sample temperatures measured at 0.0-6.0°C		(YES)	NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below		(YES)	NO
13a. Are the samples required for SDWA compliance reporting?	N/A	YES	(NO)
13b. Did the client provide a SDWA PWS ID#?	(N/A)	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	(N/A)	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?	(N/A)	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	(N/A)	YES	NO

Cooler #: _____

Temperature (°C): 3

Thermometer ID: 318

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

TABLE 1
Historical Drinking Water Well Sampling Results
Masser Residence
12416 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Prior to-filtration Installation														
3/7/2008	12416 Stottlemyer Road	Well	0.180	0.180	<1.70	<0.310	NA	NA	<0.120	<1.70	7.05	**51.8**	<2.11	<0.170
Following-filtration Installation														
Pre-filter														
4/16/2008	12416 Stottlemyer Road PR-1	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	0.230	<0.170	8.93	**76.4**	7.02	0.180
5/22/2008	12416 Stottlemyer Road PR-2	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	4.39	**40.8**	<2.11	<0.170
6/30/2008	12416 Stottlemyer Road PR-3	Pre-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	7.78	**56.4**	16.3	<0.450
7/31/2008	12416 Stottlemyer Road PR-3A	Pre-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	8.52	**83.8**	6.53	<0.450
9/23/2008	12416 Stottlemyer Road PR-4	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	9.52	**85.7**	5.45	<0.170
12/17/2008	12416 Stottlemyer Road PR-5	Pre-filter	<0.170	<0.170	<0.170	<0.310	NA	**115**	0.190	<0.170	8.10	**72.0**	4.10	0.200
1/12/2009	12416 Stottlemyer Road PR-6	Pre-filter	<0.0700	0.580	0.290 J	1.51	NA	**162**	<0.0800	<0.0900	7.83	**65.7**	4.06 J	<0.170
3/4/2009	12416 Stottlemyer Road PR-7	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**136**	<0.0800	<0.0900	NA	**68.1**	<1.53	<0.170
5/26/2009	12416 Stottlemyer Road PR-8	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**221**	<0.0800	<0.0900	8.83	**107**	<1.53	<0.170
9/2/2009	12416 Stottlemyer Road PR	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**209**	0.500	<0.0900	20.1	**176**	10.2	<0.170
11/23/2009	12416 Stottlemyer Road INF	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**85 J**	<0.0800	<0.0900	8.89	**77.2**	<1.53	<0.170
3/18/2010	12416 Stottlemyer Road INF	Pre-filter	<0.0700	<0.0500	<0.170	<0.190	NA	**69.1 J**	<0.0800	<0.0900	8.82	**88.7**	4.98 J	<0.170
6/24/2010	12416 Stottlemyer Road INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	0.160 J	<0.0500	9.26	**85.3**	3.63 J	<0.0600
9/10/2010	12416 Stottlemyer Road INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	0.230 J	<0.0500	11.7	**116**	5.76 J	<0.0600
12/22/2010	12416 Stottlemyer Road INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	0.290 J	<0.0500	14.6	**139**	6.45 J	0.220 J
3/24/2011	12416 Stottlemyer Road INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	9.68	**98.7**	<0.750	<0.0600
6/16/2011	12416 Stottlemyer Road INF	Pre-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	9.37	**110.0**	6.45 J	<0.0600
9/27/2011	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	7.34	**81.3**	7.84	<0.50
12/20/2011	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	**50.6**	NA	NA
3/21/2012	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**32.4**	NA	NA
7/18/2012	12417 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	9.12	**109.0**	<2.50	<0.500
9/6/2012	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**50.8**	NA	NA
12/19/2012	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	5.57	**69.7**	3.23	<0.500
3/6/2013	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**80.0**	NA	NA
6/6/2013	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**49.8**	NA	NA
8/23/2013	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	9.16	**308.0**	6.31	<0.500
12/19/2013	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	9.16	**111.0**	4.14	<0.500
3/6/2014	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	7.87	**89.5**	3.40	<0.500
6/10/2014	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**90.8**	<2.50	<0.500
8/8/2014	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**92.8**	3.23	<0.500
12/4/2014	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**78.3**	<2.50	<0.500
2/26/2015	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	6.28	**78.7**	<2.50	<0.500
5/19/2015	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**91.3**	14.00	<0.500
9/22/2015	12416 Stottlemyer Road INF	Pre-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	5.67	**85.9**	6	<0.500
12/16/2015	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	4.0	**61.8**	<5.0	<0.50
3/9/2016	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	2.6	**35.0**	<5.0	<0.50
6/8/2016	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	3.1	**47.3**	<5.0	<0.50
9/16/2016	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	6.0	**79.8**	<5.0	<0.50
12/5/2016	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	4.3	**59.4**	<5.0	<0.50
New Well Pre Filter														
2/10/2017	12416 Stottlemyer Road	INF	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	1.2	16.90	< 10.0	< 1.0
3/8/2017	12416 Stottlemyer Road	INF	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	10.6	< 10.0	< 1.0
3/23/2017	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	3.7	**46.9**	<5.0	<0.50
5/26/2017	12416 Stottlemyer Road INF	Pre-filter	<0.50	5.3	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**46.9**	<5.0	<0.50
8/31/2017	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	0.78	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
11/29/2017	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	0.78	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/7/2018	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/23/2018	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12416 Stottlemyer Road INF	Pre-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/16/2019	12416 Stottlemyer Road INF	Pre-filter	<0.070	<0.12	0.23J	1.4	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15

TABLE 1
Historical Drinking Water Well Sampling Results
Masser Residence
12416 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			MDE Standards											
Date	Sample ID	Location	5	1,000	700	10,000	47	47	5	-	-	20	-	-
Mid-filter														
4/16/2008	12416 Stottlemyer Road M-1	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.310	<2.11	<0.170
5/22/2008	12416 Stottlemyer Road M-2	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.310	<2.11	<0.170
6/30/2008	12416 Stottlemyer Road M-3	Mid-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	8.98	<0.450
7/31/2008	12416 Stottlemyer Road M-3A	Mid-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	<0.450
9/23/2008	12416 Stottlemyer Road M-4	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
12/17/2008	12416 Stottlemyer Road MID-5	Mid-filter	<0.170	<0.170	<0.170	<0.310	NA	<26.0	<0.120	<0.170	<0.170	<0.130	4.65	<0.170
1/12/2009	12416 Stottlemyer Road MID-6	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	6.06 J	<0.170
3/4/2009	12416 Stottlemyer Road MID-7	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	NA	<0.120	<1.53	<0.170
5/26/2009	12416 Stottlemyer Road MID-8	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	31.9 J	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
9/2/2009	12416 Stottlemyer Road MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
11/23/2009	12416 Stottlemyer Road MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	6.46 J	<0.170
3/3/2010	12416 Stottlemyer Road MID	Mid-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<38.0	<0.0800	<0.0900	<0.0500	<0.120	8.09 J	<0.170
6/24/2010	12416 Stottlemyer Road MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	5.91 J	<0.0600
9/10/2010	12416 Stottlemyer Road MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
12/22/2010	12416 Stottlemyer Road MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	**6.83 J**	<0.600
3/24/2011	12416 Stottlemyer Road MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
6/16/2011	12416 Stottlemyer Road MID	Mid-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	4.13 J	<0.0600
9/27/2011	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50
12/20/2011	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	4.69	NA	NA
3/21/2012	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	13.6	NA	NA
7/18/2012	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	**50.4**	<2.50	<0.500
9/6/2012	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
12/19/2012	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	9.59	3.84	<0.500
3/6/2013	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	13.20	NA	NA
6/6/2013	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	**18.1**	NA	NA
8/23/2013	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	**26.6**	2.80	<0.500
12/19/2013	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2014	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
6/10/2014	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
8/8/2014	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
12/4/2014	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	0.62	<2.50	<0.500
2/26/2015	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	1.87	<2.50	<0.500
5/19/2015	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	4.50	<2.50	<0.500
9/22/2015	12416 Stottlemyer Road MID	Mid-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	11.0	<2.50	<0.500
12/16/2015	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	10.0	<5.0	<0.50
3/9/2016	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	16.6	<5.0	<0.50
6/8/2016	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**23.8**	<5.0	<0.50
9/16/2016	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**27.7**	<5.0	<0.50
12/5/2016	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**26.4**	<5.0	<0.50
New Well Mid Filter														
3/23/2017	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**37.4**	<5.0	<0.50
5/26/2017	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**37.3**	<5.0	<0.50
8/31/2017	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**47.2**	<5.0	<0.50
11/29/2017	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**33.1**	<5.0	<0.50
3/7/2018	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	**26.0**	<5.0	<0.50
3/23/2018	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12416 Stottlemyer Road MID	Mid-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/16/2019	12416 Stottlemyer Road MID	Mid-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15

TABLE 1
Historical Drinking Water Well Sampling Results
Masser Residence
12416 Stottlemyer Road
Case No. 1991-1914-FR

			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DRO (µg/L)	GRO (µg/L)	1,2 Dichloroethane (µg/L)	ETBE (µg/L)	DIPE (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
			MDE Standards											
Date	**Sample ID**	**Location**	**5**	**1,000**	**700**	**10,000**	**47**	**47**	**5**	**-**	**-**	**20**	**-**	**-**
Post-filter														
4/16/2008	12416 Stottlemyer Road PO-1	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.310	<2.11	<0.170
5/22/2008	12416 Stottlemyer Road PO-2	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.310	<2.11	<0.170
6/30/2008	12416 Stottlemyer Road PO-3	Post-filter	<0.270	<0.280	0.280	1.09	NA	NA	<0.370	<0.330	<0.500	<0.420	9.09	<0.450
7/31/2008	12416 Stottlemyer Road PO-3A	Post-filter	<0.270	<0.280	<0.240	<0.860	NA	NA	<0.370	<0.330	<0.500	<0.420	<6.40	<0.450
9/23/2008	12416 Stottlemyer Road PO-4	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	NA	<0.120	<0.170	<0.170	<0.130	<2.11	<0.170
12/17/2008	12416 Stottlemyer Road PO-5	Post-filter	<0.170	<0.170	<0.170	<0.310	NA	<26.0	<0.120	<0.170	<0.170	<0.130	4.11	<0.170
1/12/2009	12416 Stottlemyer Road PO-6	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	5.34 J	<0.170
3/4/2009	12416 Stottlemyer Road PO-7	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	NA	<0.120	<1.53	<0.170
5/26/2009	12416 Stottlemyer Road PO-8	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	0.480 J	<0.0900	<0.0500	<0.120	<1.53	<0.170
9/2/2009	12416 Stottlemyer Road PO	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
11/23/2009	12416 Stottlemyer Road EFF	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<26.0	<0.0800	<0.0900	<0.0500	<0.120	<1.53	<0.170
3/3/2010	12416 Stottlemyer Road EFF	Post-filter	<0.0700	<0.0500	<0.170	<0.190	NA	<38.0	<0.0800	<0.0900	<0.0500	<0.120	7.57 J	0.620.
6/24/2010	12416 Stottlemyer Road EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	0.250 J	2.99 J	<0.0600
7/20/2010	12416 Stottlemyer Road EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	0.230 J	5.85 J	<0.0600
9/10/2010	12416 Stottlemyer Road EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
12/22/2010	12416 Stottlemyer Road EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.600
3/24/2011	12416 Stottlemyer Road EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	<0.750	<0.0600
6/16/2011	12416 Stottlemyer Road EFF	Post-filter	<0.170	<0.130	<0.170	<0.340	NA	NA	<0.0800	<0.0500	<0.0700	<0.0600	6.70 J	<0.0600
9/27/2011	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.50	<0.50
12/20/2011	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	NA	NA	<0.50	NA	NA
3/21/2012	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
7/18/2012	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
9/6/2012	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
12/19/2012	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2013	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	NA	NA
6/6/2013	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	7.41	NA	NA
8/23/2013	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	26.70	<2.50	<0.500
12/19/2013	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
3/6/2014	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
6/10/2014	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
8/8/2014	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
12/4/2014	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
2/26/2015	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500
5/19/2015	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
9/22/2015	12416 Stottlemyer Road EFF	Post-filter	<0.500	<0.500	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500	<2.50	<0.500
12/16/2015	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/9/2016	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
6/8/2016	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/16/2016	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/5/2016	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
New Well Post Filter														
3/23/2017	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/26/2017	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
8/31/2017	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
11/29/2017	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/7/2018	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/23/2018	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/25/2018	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
9/11/2018	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/4/2018	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
3/8/2019	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
5/24/2019	12416 Stottlemyer Road EFF	Post-filter	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
12/16/2019	12416 Stottlemyer Road EFF	Post-filter	<0.070	<0.12	<0.18	<0.27	NA	NA	<0.10	<0.19	<0.21	<0.090	<1.4	<0.15

NOTES:
< = Not detected at a concentration greater than or equal to the analytical method detection limit (MDL
DRO= Diesel Range Organics
GRO= Gasoline Range Organics
MTBE = Methyl Tertiary Butyl Ether
TBA = Tert-Butyl Alcohol
TAME = Tert-Amyl Methyl Ether
ETBE= Ethyl Tertiary Butyl Ether
DIPE= Di-Isopropyl Ether
µg/L = Micrograms per Liter, which is equivalent to parts per billion (ppb)
NA = Not Analyzed
Bold = MDE Groundwater Standard
= Most recent quarterly event