

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

Howard County Board of Education
Attn: Jeff Klenk
10910 Route 108
Ellicott City, MD 21042

Reporting Date: 2/2/2017
Report #: C2840

Sample Address: Swansfield ES, 5610 Cedar Lane, Columbia, MD
Sample Source: 4th Grade Rm 145, sink
Date / Time Collected: 01/27/2017 0930
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Field Record: Free Chlorine: <0.1 Total Chlorine: <0.1 pH: 7.2
Laboratory Certification: # 214

ANALYTICAL RESULTS

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromochloromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromo-3-Chloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromoethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Dichlorodifluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylene Dibromide	ND	ug/L	EPA524.2	---	0.5	1/27/17
Hexachlorobutadiene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Isopropylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Methyl-t-butyl Ether	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Propyl Benzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Naphthalene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Isopropyltoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
sec-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
tert-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,3-Trichlorobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Trichlorofluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,4-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,3,5-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Benzene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Bromobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromodichloromethane (THM)	9.1	ug/L	EPA524.2	---	0.5	1/27/17
Bromoform (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromomethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Carbon Tetrachloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Chlorobenzene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
Chlorodibromomethane (THM)	1.7	ug/L	EPA524.2	---	0.5	1/27/17
Chloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroform (THM)	36	ug/L	EPA524.2	---	0.5	1/27/17
Chloromethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Dibromomethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
1,1-Dichloroethane	ND	ug/L	EPA524.2	7.0	0.5	1/27/17
1,2-Dichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,1-Dichloroethene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,2-Dichloroethene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
trans-1,2-Dichloroethene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,2-Dichloropropane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,3-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
2,2-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
trans-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylbenzene	ND	ug/L	EPA524.2	700.0	0.5	1/27/17
m-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
Methylene Chloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
o-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Dichlorobenzene	ND	ug/L	EPA524.2	75.0	0.5	1/27/17
Styrene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,1,1,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Tetrachloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Toluene	ND	ug/L	EPA524.2	1000.0	0.5	1/27/17
1,2,4-Trichlorobenzene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
1,1,1-Trichloroethane	ND	ug/L	EPA524.2	200.0	0.5	1/27/17
1,1,2-Trichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Trichloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,2,3-Trichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Vinyl Chloride	ND	ug/L	EPA524.2	2.0	0.5	1/27/17
Xylene, ortho	ND	ug/L	EPA524.2	---	0.5	1/27/17
Xylenes, meta/para	ND	ug/L	EPA524.2	---	1.0	1/27/17
Xylenes, total	ND	ug/L	EPA524.2	10000.0	1.0	1/27/17


Notes:

1. ND = Not Detected.
2. MCL = Maximum Contaminant Level
3. VOC's analyzed by lab #179
4. SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater* 20th ed.

Reported by,



Lisa Burkey
General Manager

Reviewed by:  _____

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Howard County Board of Education
Attn: Jeff Klenk
10910 Route 108
Ellicott City, MD 21042

Reporting Date: 2/2/2017
Report #: C2840FB

Sample Address: Swansfield ES, 5610 Cedar Lane, Columbia, MD
Sample Source: Control Sample-Field Blank - 4th Grade Rm 145, sink
Date / Time Collected: 01/27/2017 0930
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Laboratory Certification: # 214

ANALYTICAL RESULTS

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromochloromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromo-3-Chloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromoethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Dichlorodifluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylene Dibromide	ND	ug/L	EPA524.2	---	0.5	1/27/17
Hexachlorobutadiene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Isopropylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Methyl-t-butyl Ether	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Propyl Benzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Naphthalene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Isopropyltoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
sec-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
tert-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,3-Trichlorobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Trichlorofluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,4-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,3,5-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Benzene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Bromobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromodichloromethane (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromoform (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromomethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Carbon Tetrachloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Chlorobenzene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
Chlorodibromomethane (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroform (THM)	0.69	ug/L	EPA524.2	---	0.5	1/27/17
Chloromethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Dibromomethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
1,1-Dichloroethane	ND	ug/L	EPA524.2	7.0	0.5	1/27/17
1,2-Dichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,1-Dichloroethene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,2-Dichloroethene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
trans-1,2-Dichloroethene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,2-Dichloropropane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,3-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
2,2-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
trans-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylbenzene	ND	ug/L	EPA524.2	700.0	0.5	1/27/17
m-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
Methylene Chloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
o-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Dichlorobenzene	ND	ug/L	EPA524.2	75.0	0.5	1/27/17
Styrene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,1,1,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Tetrachloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Toluene	ND	ug/L	EPA524.2	1000.0	0.5	1/27/17
1,2,4-Trichlorobenzene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
1,1,1-Trichloroethane	ND	ug/L	EPA524.2	200.0	0.5	1/27/17
1,1,2-Trichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Trichloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,2,3-Trichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Vinyl Chloride	ND	ug/L	EPA524.2	2.0	0.5	1/27/17
Xylene, ortho	ND	ug/L	EPA524.2	---	0.5	1/27/17
Xylenes, meta/para	ND	ug/L	EPA524.2	---	1.0	1/27/17
Xylenes, total	ND	ug/L	EPA524.2	10000.0	1.0	1/27/17

Notes:

1. ND = Not Detected.
2. MCL = Maximum Contaminant Level
3. VOC's analyzed by lab #179
4. SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater* 20th ed.

Reported by,



Lisa Burkey
General Manager

Reviewed by: *KS*

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of Maryland, Inc.

Howard County Board of Education
Attn: Jeff Klenk
10910 Route 108
Ellicott City, MD 21042

Reporting Date: 2/2/2017
Report #: C2841

Sample Address: Swansfield ES, 5610 Cedar Lane, Columbia, MD
Sample Source: 5th Grade Rm 141, sink
Date / Time Collected: 01/27/2017 0941
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Field Record: Free Chlorine: <0.1 Total Chlorine: <0.1 pH: 6.8
Laboratory Certification: # 214

ANALYTICAL RESULTS

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromochloromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromo-3-Chloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromoethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Dichlorodifluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylene Dibromide	ND	ug/L	EPA524.2	---	0.5	1/27/17
Hexachlorobutadiene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Isopropylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Methyl-t-butyl Ether	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Propyl Benzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Naphthalene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Isopropyltoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
sec-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
tert-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,3-Trichlorobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Trichlorofluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,4-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,3,5-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Benzene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Bromobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromodichloromethane (THM)	10	ug/L	EPA524.2	---	0.5	1/27/17
Bromoform (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromomethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Carbon Tetrachloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Chlorobenzene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
Chlorodibromomethane (THM)	2.2	ug/L	EPA524.2	---	0.5	1/27/17
Chloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroform (THM)	45	ug/L	EPA524.2	---	0.5	1/27/17
Chloromethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Dibromomethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
1,1-Dichloroethane	ND	ug/L	EPA524.2	7.0	0.5	1/27/17
1,2-Dichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,1-Dichloroethene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,2-Dichloroethene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
trans-1,2-Dichloroethene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,2-Dichloropropane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,3-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
2,2-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
trans-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylbenzene	ND	ug/L	EPA524.2	700.0	0.5	1/27/17
m-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
Methylene Chloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
o-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Dichlorobenzene	ND	ug/L	EPA524.2	75.0	0.5	1/27/17
Styrene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,1,1,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Tetrachloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Toluene	ND	ug/L	EPA524.2	1000.0	0.5	1/27/17
1,2,4-Trichlorobenzene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
1,1,1-Trichloroethane	ND	ug/L	EPA524.2	200.0	0.5	1/27/17
1,1,2-Trichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Trichloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,2,3-Trichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Vinyl Chloride	ND	ug/L	EPA524.2	2.0	0.5	1/27/17
Xylene, ortho	ND	ug/L	EPA524.2	---	0.5	1/27/17
Xylenes, meta/para	ND	ug/L	EPA524.2	---	1.0	1/27/17
Xylenes, total	ND	ug/L	EPA524.2	10000.0	1.0	1/27/17


Notes:

1. ND = Not Detected.
2. MCL = Maximum Contaminant Level
3. VOC's analyzed by lab #179
4. SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater* 20th ed.

Reported by,



Lisa Burkey
General Manager

Reviewed by: 

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Reporting Date: 2/2/2017
Report #: C2841FB

Sample Address: Swansfield ES, 5610 Cedar Lane, Columbia, MD
Sample Source: Control Sample-Field Blank - 5th Grade Rm 141, sink
Date / Time Collected: 01/27/2017 0941
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Laboratory Certification: # 214

ANALYTICAL RESULTS

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromochloromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromo-3-Chloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromoethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Dichlorodifluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylene Dibromide	ND	ug/L	EPA524.2	---	0.5	1/27/17
Hexachlorobutadiene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Isopropylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Methyl-t-butyl Ether	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Propyl Benzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Naphthalene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Isopropyltoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
sec-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
tert-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,3-Trichlorobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Trichlorofluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,4-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,3,5-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Benzene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Bromobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromodichloromethane (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromoform (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromomethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Carbon Tetrachloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Chlorobenzene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
Chlorodibromomethane (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroform (THM)	0.66	ug/L	EPA524.2	---	0.5	1/27/17
Chloromethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Dibromomethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
1,1-Dichloroethane	ND	ug/L	EPA524.2	7.0	0.5	1/27/17
1,2-Dichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,1-Dichloroethene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,2-Dichloroethene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
trans-1,2-Dichloroethene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,2-Dichloropropane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,3-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
2,2-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
trans-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylbenzene	ND	ug/L	EPA524.2	700.0	0.5	1/27/17
m-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
Methylene Chloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
o-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Dichlorobenzene	ND	ug/L	EPA524.2	75.0	0.5	1/27/17
Styrene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,1,1,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Tetrachloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Toluene	ND	ug/L	EPA524.2	1000.0	0.5	1/27/17
1,2,4-Trichlorobenzene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
1,1,1-Trichloroethane	ND	ug/L	EPA524.2	200.0	0.5	1/27/17
1,1,2-Trichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Trichloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,2,3-Trichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Vinyl Chloride	ND	ug/L	EPA524.2	2.0	0.5	1/27/17
Xylene, ortho	ND	ug/L	EPA524.2	---	0.5	1/27/17
Xylenes, meta/para	ND	ug/L	EPA524.2	---	1.0	1/27/17
Xylenes, total	ND	ug/L	EPA524.2	10000.0	1.0	1/27/17

Notes:

1. ND = Not Detected.
2. MCL = Maximum Contaminant Level
3. VOC's analyzed by lab #179
4. SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater* 20th ed.

Reported by,



Lisa Burkey
General Manager

Reviewed by: KS

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

Howard County Board of Education
Attn: Jeff Klenk
10910 Route 108
Ellicott City, MD 21042

Reporting Date: 2/2/2017
Report #: C2840-C2841-TB

Sample Address: Swansfield ES, 5610 Cedar Lane, Columbia, MD
Sample Source: Control Sample-Trip Blank
Date / Time Collected: 01/27/2017 0800
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Laboratory Certification: # 214

ANALYTICAL RESULTS

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromochloromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromo-3-Chloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dibromoethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Dichlorodifluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylene Dibromide	ND	ug/L	EPA524.2	---	0.5	1/27/17
Hexachlorobutadiene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Isopropylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Methyl-t-butyl Ether	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
n-Propyl Benzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Naphthalene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Isopropyltoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
sec-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
tert-Butylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,3-Trichlorobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Trichlorofluoromethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2,4-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,3,5-Trimethylbenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Benzene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Bromobenzene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromodichloromethane (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17
Bromoform (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17

Parameter	Result	Units	Method	MCL	Reporting Limit	Analysis Date
Volatile Organic Compounds:						
Bromomethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Carbon Tetrachloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Chlorobenzene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
Chlorodibromomethane (THM)	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Chloroform (THM)	0.67	ug/L	EPA524.2	---	0.5	1/27/17
Chloromethane	ND	ug/L	EPA524.2	---	2.0	1/27/17
Dibromomethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,2-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
1,1-Dichloroethane	ND	ug/L	EPA524.2	7.0	0.5	1/27/17
1,2-Dichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,1-Dichloroethene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,2-Dichloroethene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
trans-1,2-Dichloroethene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,2-Dichloropropane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,3-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
2,2-Dichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
cis-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
trans-1,3-Dichloropropene	ND	ug/L	EPA524.2	---	0.5	1/27/17
Ethylbenzene	ND	ug/L	EPA524.2	700.0	0.5	1/27/17
m-Dichlorobenzene	ND	ug/L	EPA524.2	600.0	0.5	1/27/17
Methylene Chloride	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
o-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Chlorotoluene	ND	ug/L	EPA524.2	---	0.5	1/27/17
p-Dichlorobenzene	ND	ug/L	EPA524.2	75.0	0.5	1/27/17
Styrene	ND	ug/L	EPA524.2	100.0	0.5	1/27/17
1,1,1,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Tetrachloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Toluene	ND	ug/L	EPA524.2	1000.0	0.5	1/27/17
1,2,4-Trichlorobenzene	ND	ug/L	EPA524.2	70.0	0.5	1/27/17
1,1,1-Trichloroethane	ND	ug/L	EPA524.2	200.0	0.5	1/27/17
1,1,2-Trichloroethane	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
Trichloroethene	ND	ug/L	EPA524.2	5.0	0.5	1/27/17
1,2,3-Trichloropropane	ND	ug/L	EPA524.2	---	0.5	1/27/17
Vinyl Chloride	ND	ug/L	EPA524.2	2.0	0.5	1/27/17
Xylene, ortho	ND	ug/L	EPA524.2	---	0.5	1/27/17
Xylenes, meta/para	ND	ug/L	EPA524.2	---	1.0	1/27/17
Xylenes, total	ND	ug/L	EPA524.2	10000.0	1.0	1/27/17


Notes:

1. ND = Not Detected.
2. MCL = Maximum Contaminant Level
3. VOC's analyzed by lab #179
4. SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater* 20th ed.

Reported by,



Lisa Burkey
General Manager

Reviewed by:  _____