



Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Peter Shult, Ph.D., Interim Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 278230001

Report To:
ROGER SEAVER
5606 RIVER RD
WAUNAKEE, WI 53597-9510

Invoice To:
LUKE FELKER
5606 RIVER RD
WAUNAKEE, WI 53597
Customer ID: 11305580

System Name: MADISON COUNTRY DAY SCHOOL
City: WAUNAKEE
Collection Date/Time: 09/19/2016 12:55
Collected By: ROGER SEAVER
County: 13 - Dane
Source Code: E - Entry Point
Collection Address: 5606 RIVER RD
Location of Sample: MOP SINK IN PRESSURE TANK

Monitor Point ID: E1
PWS ID#: 11305580
WI Unique Well#: BN633
Entry Point ID: 1
Date Received: 9/19/2016
Date Reported: 9/29/2016
Sample Type: D-Rout Dist Comp & FU

Metals, Total

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 09/20/16 Analysis Date 09/26/16					
Antimony	SM3113B	ND	ug/L	2.00	6.00
Prep Date 09/20/16 Analysis Date 09/22/16					
Barium	EPA 200.7	17.3	ug/L	1.00	3.00
Beryllium	EPA 200.7	ND	ug/L	0.500	1.60
Sodium	EPA 200.7	6.85	mg/L	0.100	0.300
Nickel	EPA 200.7	2.21F	ug/L	2.00	6.00
Prep Date 09/20/16 Analysis Date 09/26/16					
Cadmium	SM3113B	ND	ug/L	0.0500	0.150
Prep Date 09/20/16 Analysis Date 09/22/16					
Chromium	SM3113B	1.60F	ug/L	1.00	3.00
Prep Date 09/27/16 Analysis Date 09/27/16					
Mercury	EPA 245.1	ND	ug/L	0.030	0.080
Prep Date 09/20/16 Analysis Date 09/26/16					
Selenium	SM3113B	ND	ug/L	1.00	3.00
Prep Date 09/20/16 Analysis Date 09/28/16					
Thallium	200.9	ND	ug/L	0.400	1.20

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Metals, Total

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 09/20/16	Analysis Date 09/20/16				
Arsenic	SM3113B	ND	ug/L	1.00	3.00

Inorganic Chemistry

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 09/20/16	Analysis Date 09/20/16				
Fluoride	TECHNICON380-75WE	0.0896F	mg/L	0.0300	0.100
Prep Date 09/20/16	Analysis Date 09/20/16				
Nitrate + Nitrite (as N)	EPA 353.2	6.83	mg/L	0.300	1.00
Nitrate (as N)- EPA353.2 Calc.	EPA 353.2	6.83	mg/L	0.300	1.00
Prep Date 09/20/16	Analysis Date 09/20/16				
Nitrite (as N)	SM4500 NO2B	ND	mg/L	0.0500	0.150

List of Abbreviations:

LOD = Level of detection
 LOQ = Level of quantification
 ND = None detected. Results are less than the LOD
 F next to result = Result is between LOD and LOQ
 Z next to result = Result is between 0 (zero) and LOD
 if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.wisc.edu/about/compliance/nelap-laboratory-accreditation>

Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.

Results relate only to the items tested.

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The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262

Inorganic Chemistry: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Organic Chemistry: Al Spallato, Lab Manager, 608-224-6269

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Environmental Toxicology: Tracy Hanke, Lab Manager, 608-224-6270



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Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 278233001

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 5606 RIVER RD
 WAUNAKEE, WI 53597-9510

Invoice To:
 LUKE FELKER
 5606 RIVER RD
 WAUNAKEE, WI 53597
 Customer ID: 11305580

System Name: MADISON COUNTRY DAY SCHOOL
 City: WAUNAKEE
 Collection Date/Time: 09/19/2016 13:05
 Collected By: ROGER SEAVER
 County: 13 - Dane
 Source Code: E - Entry Point
 Collection Address: 5606 RIVER RD
 Location of Sample: MOP SINK IN PRESSURE TANK

Monitor Point ID: E1
 PWS ID#: 11305580
 WI Unique Well#: BN633
 Entry Point ID: 1
 Date Received: 9/19/2016
 Date Reported: 9/30/2016
 Sample Type: D-Rout Dist Comp & FU

Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 09/22/16	Analysis Date 09/22/16				
Dichlorodifluoromethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Chloromethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Vinyl chloride	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Bromomethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Chloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Trichlorofluoromethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,1-Dichloroethene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Carbon disulfide	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Trichlorotrifluoroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Methylene chloride	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
trans-1,2-Dichloroethene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
hexane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Methyl tert-Butyl ether (MTBE)	EPA 524.2 VOCs in Water	ND	ug/L	0.30	0.99

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OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 09/22/16	Analysis Date 09/22/16				
Isopropyl Ether	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,1-Dichloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
cis-1,2-Dichloroethene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
2,2-Dichloropropane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Bromochloromethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Chloroform	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Carbon tetrachloride	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Tetrahydrofuran	EPA 524.2 VOCs in Water	ND	ug/L	10	33
1,1,1-Trichloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,1-Dichloropropene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Methyl Ethyl Ketone (MEK)	EPA 524.2 VOCs in Water	ND	ug/L	10	33
Benzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2-Dichloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Trichloroethene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Dibromomethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2-Dichloropropane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Bromodichloromethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
cis-1,3-Dichloropropene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Toluene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Tetrachloroethene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
4-Methyl-2-pentanone (MIBK)	EPA 524.2 VOCs in Water	ND	ug/L	10	33
trans-1,3-Dichloropropene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66

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Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 09/22/16	Analysis Date 09/22/16				
1,1,2-Trichloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Chlorodibromomethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,3-Dichloropropane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2-Dibromoethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Chlorobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Ethyl Benzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,1,1,2-Tetrachloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
m,p-Xylene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
o-Xylene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Styrene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Bromoform	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Isopropylbenzene (Cumene)	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Bromobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
n-Propylbenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,1,1,2-Tetrachloroethane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
2-Chlorotoluene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,3,5-Trimethylbenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2,3-Trichloropropane	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
4-Chlorotoluene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
tert-Butylbenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2,4-Trimethylbenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
sec-Butylbenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66

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Prep Date 09/22/16	Analysis Date 09/22/16				
4-Isopropyltoluene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,3-Dichlorobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,4-Dichlorobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
n-Butylbenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2-Dichlorobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2-Dibromo-3-chloropropane	EPA 524.2 VOCs in Water	ND	ug/L	0.30	0.99
Hexachlorobutadiene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2,4-Trichlorobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
Naphthalene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66
1,2,3-Trichlorobenzene	EPA 524.2 VOCs in Water	ND	ug/L	0.20	0.66

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