

Laboratory Report

Environmental Health Division

WSLH Sample: 823411001

Report To:
LIANNA SPENCER
N4450 COUNTY RD A
CAMBRIDGE, WI 53523

Invoice To:
LIANNA SPENCER
N4450 COUNTY RD A
CAMBRIDGE, WI 53523
Customer ID: 347515

Field #: 002 - N OF HWY 18
Project No:
Collection End: 11/21/2025 9:10:00 AM
Collection Start:
Collected By: LIANNA SPENCER
Date Received: 11/21/2025
Date Reported: 12/9/2025
Sample Reason:

ID#: NA
Sample Location: N OF HWY 18
Sample Description:
Sample Type: SU-SURFACE WATER
Waterbody: 809600
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 28

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: No Prep Step		Analysis Date: 11/24/25 17:43			
Dichlorodifluoromethane	EPA 8260B in Water	ND	ug/L	0.25	0.83
The Matrix Spike Duplicate (MSD) does not meet the lower limit for percent recovery.					
The Laboratory Control Spike (LCS) does not meet the lower QC limit.					
The matrix spike does not meet the lower QC limit.					
The Continuing Calibration Verification (CCV) does not meet the lower QC limit.					
Chloromethane	EPA 8260B in Water	ND	ug/L	0.35	1.2
Vinyl chloride	EPA 8260B in Water	ND	ug/L	0.15	0.50
Bromomethane	EPA 8260B in Water	ND	ug/L	0.33	1.1
Chloroethane	EPA 8260B in Water	ND	ug/L	0.25	0.83
Trichlorofluoromethane	EPA 8260B in Water	ND	ug/L	0.25	0.83
Acetone	EPA 8260B in Water	3.4F	ug/L	2.0	6.7
Interference; the result may be biased high.					
1,1-Dichloroethene	EPA 8260B in Water	ND	ug/L	0.25	0.83
Trichlorotrifluoroethane	EPA 8260B in Water	ND	ug/L	0.74	2.5

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Methylene chloride	EPA 8260B in Water	ND	ug/L	0.15	0.50
Carbon disulfide	EPA 8260B in Water	ND	ug/L	0.30	1.0
trans-1,2-Dichloroethene	EPA 8260B in Water	ND	ug/L	0.19	0.63
Methyl tert-Butyl ether (MTBE)	EPA 8260B in Water	ND	ug/L	0.13	0.43
1,1-Dichloroethane	EPA 8260B in Water	ND	ug/L	0.20	0.67
Hexane	EPA 8260B in Water	ND	ug/L	0.68	2.3
Isopropyl Ether	EPA 8260B in Water	ND	ug/L	0.090	0.30
Methyl Ethyl Ketone (MEK)	EPA 8260B in Water	ND	ug/L	2.0	6.7
cis-1,2-Dichloroethene	EPA 8260B in Water	ND	ug/L	0.090	0.30
2,2-Dichloropropane	EPA 8260B in Water	ND	ug/L	0.50	1.7
Chloroform	EPA 8260B in Water	ND	ug/L	0.10	0.33
Bromochloromethane	EPA 8260B in Water	ND	ug/L	0.30	1.0
Tetrahydrofuran	EPA 8260B in Water	ND	ug/L	2.0	6.7
1,1,1-Trichloroethane	EPA 8260B in Water	ND	ug/L	0.25	0.83
1,1-Dichloropropene	EPA 8260B in Water	ND	ug/L	0.25	0.83
1,2-Dichloroethane	EPA 8260B in Water	ND	ug/L	0.15	0.50
Carbon tetrachloride	EPA 8260B in Water	ND	ug/L	0.25	0.83
Benzene	EPA 8260B in Water	ND	ug/L	0.090	0.30
Trichloroethene	EPA 8260B in Water	ND	ug/L	0.14	0.47
1,2-Dichloropropane	EPA 8260B in Water	ND	ug/L	0.20	0.67
Dibromomethane	EPA 8260B in Water	ND	ug/L	0.20	0.67
Bromodichloromethane	EPA 8260B in Water	ND	ug/L	0.15	0.50
cis-1,3-Dichloropropene	EPA 8260B in Water	ND	ug/L	0.15	0.50
Methyl isobutyl ketone	EPA 8260B in Water	ND	ug/L	2.0	6.7
Toluene	EPA 8260B in Water	ND	ug/L	0.10	0.33
trans-1,3-Dichloropropene	EPA 8260B in Water	ND	ug/L	0.10	0.33
1,1,2-Trichloroethane	EPA 8260B in Water	ND	ug/L	0.19	0.63

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1,3-Dichloropropane	EPA 8260B in Water	ND	ug/L	0.15	0.50
Chlorodibromomethane	EPA 8260B in Water	ND	ug/L	0.15	0.50
Tetrachloroethene	EPA 8260B in Water	ND	ug/L	0.25	0.83
1,2-Dibromoethane	EPA 8260B in Water	ND	ug/L	0.25	0.83
Chlorobenzene	EPA 8260B in Water	ND	ug/L	0.080	0.27
1,1,1,2-Tetrachloroethane	EPA 8260B in Water	ND	ug/L	0.15	0.50
Ethyl Benzene	EPA 8260B in Water	ND	ug/L	0.20	0.67
m,p-xylene	EPA 8260B in Water	ND	ug/L	0.18	0.60
Styrene	EPA 8260B in Water	ND	ug/L	0.25	0.83
o-Xylene	EPA 8260B in Water	ND	ug/L	0.20	0.67
Bromoform	EPA 8260B in Water	ND	ug/L	0.23	0.77
1,1,2,2-Tetrachloroethane	EPA 8260B in Water	ND	ug/L	0.20	0.67
Isopropylbenzene (Cumene)	EPA 8260B in Water	ND	ug/L	0.090	0.30
1,2,3-Trichloropropane	EPA 8260B in Water	ND	ug/L	0.21	0.70
Bromobenzene	EPA 8260B in Water	ND	ug/L	0.20	0.67
n-Propylbenzene	EPA 8260B in Water	ND	ug/L	0.13	0.43
2-Chlorotoluene	EPA 8260B in Water	ND	ug/L	0.19	0.63
4-Chlorotoluene	EPA 8260B in Water	ND	ug/L	0.21	0.70
1,3,5-Trimethylbenzene	EPA 8260B in Water	ND	ug/L	0.17	0.57
tert-Butylbenzene	EPA 8260B in Water	ND	ug/L	0.30	1.0
1,2,4-Trimethylbenzene	EPA 8260B in Water	ND	ug/L	0.19	0.63
sec-Butylbenzene	EPA 8260B in Water	ND	ug/L	0.22	0.73
1,3-Dichlorobenzene	EPA 8260B in Water	ND	ug/L	0.17	0.57
1,4-Dichlorobenzene	EPA 8260B in Water	ND	ug/L	0.20	0.67
4-Isopropyltoluene	EPA 8260B in Water	ND	ug/L	0.20	0.67
1,2-Dichlorobenzene	EPA 8260B in Water	ND	ug/L	0.090	0.30
n-Butylbenzene	EPA 8260B in Water	ND	ug/L	0.33	1.1

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Prep Date: No Prep Step		Analysis Date: 11/24/25 17:43			
1,2-Dibromo-3-chloropropane	EPA 8260B in Water	ND	ug/L	0.50	1.7
1,2,4-Trichlorobenzene	EPA 8260B in Water	ND	ug/L	0.46	1.5
Naphthalene	EPA 8260B in Water	ND	ug/L	0.59	2.0
Hexachlorobutadiene	EPA 8260B in Water	ND	ug/L	0.25	0.83
1,2,3-Trichlorobenzene	EPA 8260B in Water	ND	ug/L	0.54	1.8

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WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification (for PFAS the LOQ = MRL)

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/nelac-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.

This Laboratory Report shall not be reproduced except in full, without written approval of the laboratory.

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

Responsible Party

Inorganic Chemistry: Graham Anderson, Supervisor 608-224-6281

Metals: Graham Anderson, Supervisor 608-224-6281

Organics: Erin Mani, Supervisor 608-224-6269

Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230

Water Microbiology: Martin Collins, Supervisor 608-224-6239

Radiochemistry: Jesse Wouters, Supervisor 608-224-6227

Trace Elements: Christa Dahman, Supervisor 608-224-4320