

Laboratory Report

Environmental Health Division

WSLH Sample: 823404001

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 #: 005
Project No:
Collection End: 11/21/2025 9:57:00 AM
Collection Start:
Collected By: LIANNA SPENCER
Date Received: 11/21/2025
Date Reported: 12/11/2025
Sample Reason:

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

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 11/25/25 10:25	Analysis Date: 12/03/25 07:40	Prep Method:	EPA Method 3510C, Sep Funnel		
Naphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0468	0.156
The Relative Percent Difference for the MS and MSD does not meet the QC limit.					
2-Methylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0328	0.109
1-Methylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0331	0.110
2,7-Dimethylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0318	0.106
Acenaphthylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0272	0.0906
Acenaphthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0291	0.0972
Fluorene	SW846 Method 8270E PAH in W	ND	ug/L	0.0280	0.0934
Phenanthrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0280	0.0934
Anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0282	0.0943
Fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0397	0.132
Pyrene	SW846 Method 8270E	ND	ug/L	0.0493	0.164

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Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 11/25/25 10:25		Analysis Date: 12/03/25 07:40		Prep Method: EPA Method 3510C, Sep Funnel	
	PAH in W				
Benz(a)anthracene	SW846 Method 8270E	ND	ug/L	0.0297	0.0991
	PAH in W				
Chrysene	SW846 Method 8270E	ND	ug/L	0.0280	0.0934
	PAH in W				
Retene	SW846 Method 8270E	ND	ug/L	0.0687	0.229
	PAH in W				
Benzo(b)fluoranthene	SW846 Method 8270E	ND	ug/L	0.0552	0.184
	PAH in W				
Benzo(k)fluoranthene	SW846 Method 8270E	ND	ug/L	0.0577	0.192
	PAH in W				
Benzo(e)pyrene	SW846 Method 8270E	ND	ug/L	0.157	0.523
	PAH in W				
Benzo(a)pyrene	SW846 Method 8270E	ND	ug/L	0.0330	0.110
	PAH in W				
Indeno(1,2,3-cd)pyrene	SW846 Method 8270E	ND	ug/L	0.0697	0.232
	PAH in W				
Benzo(g,h,i)perylene	SW846 Method 8270E	ND	ug/L	0.0843	0.281
	PAH in W				
Dibenz(a,h)anthracene	SW846 Method 8270E	ND	ug/L	0.0681	0.227
	PAH in W				
Coronene	SW846 Method 8270E	ND	ug/L	0.0679	0.226
	PAH in W				



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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