



Laboratory Report

Environmental Health Division

WSLH Sample: 795381001

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 #: 001
Project No:
Collection End: 6/6/2025 9:37:00 AM
Collection Start: 06/06/2025 09:34:00
Collected By: LIANNA SPENCER/ ANDREW SABAI
Date Received: 6/6/2025
Date Reported: 6/19/2025
Sample Reason:

ID#: NA
Sample Location: W8375 USH 18
Sample Description:
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 28

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10	Analysis Date: 06/12/25 02:10	Prep Method:	EPA Method 3510C, Sep Funnel		
Naphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0468	0.156
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 PAH in W	ND	ug/L	0.0493	0.164

Environmental Health Division

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OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10 Analysis Date: 06/12/25 02:10 Prep Method: EPA Method 3510C, Sep Funnel					
Benz(a)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0297	0.0991
Chrysene	SW846 Method 8270E PAH in W	ND	ug/L	0.0280	0.0934
Retene	SW846 Method 8270E PAH in W	ND	ug/L	0.0687	0.229
Benzo(b)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0552	0.184
Benzo(k)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0577	0.192
Benzo(e)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.157	0.523
Benzo(a)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0330	0.110
Indeno(1,2,3-cd)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0697	0.232
Benzo(g,h,i)perylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0843	0.281
Dibenz(a,h)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0681	0.227
Coronene	SW846 Method 8270E PAH in W	ND	ug/L	0.0679	0.226



Laboratory Report

Environmental Health Division

WSLH Sample: 795381001

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

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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.

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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

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

Laboratory Report

Environmental Health Division

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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: 6/6/2025 10:04:00 AM
Collection Start: 06/06/2025 10:02:00
Collected By: LIANNA SPENCER/ ANDREW SABAI
Date Received: 6/6/2025
Date Reported: 6/19/2025
Sample Reason:

ID#: NA
Sample Location: W8375 USH 18
Sample Description:
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 28

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10	Analysis Date: 06/12/25 02:50	Prep Method:	EPA Method 3510C, Sep Funnel		
Naphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0477	0.159
2-Methylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0335	0.112
1-Methylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0338	0.113
2,7-Dimethylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0324	0.108
Acenaphthylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0277	0.0923
Acenaphthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0296	0.0990
Fluorene	SW846 Method 8270E PAH in W	ND	ug/L	0.0286	0.0952
Phenanthrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0286	0.0952
Anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0288	0.0962
Fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0405	0.135
Pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0503	0.167



Laboratory Report

Environmental Health Division

WSLH Sample: 795381002

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10	Analysis Date: 06/12/25 02:50	Prep Method:	EPA Method 3510C, Sep Funnel		
Benz(a)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0303	0.101
Chrysene	SW846 Method 8270E PAH in W	ND	ug/L	0.0286	0.0952
Retene	SW846 Method 8270E PAH in W	ND	ug/L	0.0700	0.234
Benzo(b)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0563	0.188
Benzo(k)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0588	0.196
Benzo(e)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.160	0.533
Benzo(a)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0337	0.113
Indeno(1,2,3-cd)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0711	0.237
Benzo(g,h,i)perylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0860	0.287
Dibenz(a,h)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0694	0.232
Coronene	SW846 Method 8270E PAH in W	ND	ug/L	0.0692	0.231

Environmental Health Division

WSLH Sample: 795381002

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

List of Abbreviations:

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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



Laboratory Report

Environmental Health Division

WSLH Sample: 795381003

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 #: N OF HWY 18
Project No:
Collection End: 6/6/2025 9:09:00 AM
Collection Start: 06/06/2025 09:06:00
Collected By: LIANNA SPENCER/ ANDREW
SABAI
Date Received: 6/6/2025
Date Reported: 6/19/2025
Sample Reason:

ID#: NA
Sample Location: W8375 USH 18
Sample Description:
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 28

Sample Comments

Sample received on ice but was above 6 °C. Sample was received at the lab the same day it was collected.

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10	Analysis Date: 06/12/25 03:31	Prep Method:	EPA Method 3510C, Sep Funnel		
Naphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0468	0.156
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

Environmental Health Division

WSLH Sample: 795381003

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10		Analysis Date: 06/12/25 03:31	Prep Method: EPA Method 3510C, Sep Funnel		
Fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0397	0.132
Pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0493	0.164
Benz(a)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0297	0.0991
Chrysene	SW846 Method 8270E PAH in W	ND	ug/L	0.0280	0.0934
Retene	SW846 Method 8270E PAH in W	ND	ug/L	0.0687	0.229
Benzo(b)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0552	0.184
Benzo(k)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0577	0.192
Benzo(e)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.157	0.523
Benzo(a)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0330	0.110
Indeno(1,2,3-cd)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0697	0.232
Benzo(g,h,i)perylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0843	0.281
Dibenz(a,h)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0681	0.227
Coronene	SW846 Method 8270E PAH in W	ND	ug/L	0.0679	0.226

Environmental Health Division

WSLH Sample: 795381003

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

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Radiochemistry: Jesse Wouters, Supervisor 608-224-6227

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



Laboratory Report

Environmental Health Division

WSLH Sample: 795381004

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 #: DS OF ENBRIDGE
Project No:
Collection End: 6/6/2025 9:50:00 AM
Collection Start: 06/06/2025 09:47:00
Collected By: LIANNA SPENCER/ ANDREW
SABAI
Date Received: 6/6/2025
Date Reported: 6/19/2025
Sample Reason:

ID#: NA
Sample Location: W8375 USH 18
Sample Description:
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 28

Sample Comments

Sample received on ice but was above 6 °C. Sample was received at the lab the same day it was collected.

OC-PAHs in Water

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 06/09/25 10:10	Analysis Date: 06/12/25 04:11	Prep Method:	EPA Method 3510C, Sep Funnel		
Naphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0464	0.154
2-Methylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0325	0.108
1-Methylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0328	0.109
2,7-Dimethylnaphthalene	SW846 Method 8270E PAH in W	ND	ug/L	0.0315	0.105
Acenaphthylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0269	0.0897
Acenaphthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0288	0.0963
Fluorene	SW846 Method 8270E PAH in W	ND	ug/L	0.0278	0.0925
Phenanthrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0278	0.0925
Anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0279	0.0935



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Fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0393	0.131
Pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0489	0.163
Benz(a)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0294	0.0981
Chrysene	SW846 Method 8270E PAH in W	ND	ug/L	0.0278	0.0925
Retene	SW846 Method 8270E PAH in W	ND	ug/L	0.0680	0.227
Benzo(b)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0547	0.182
Benzo(k)fluoranthene	SW846 Method 8270E PAH in W	ND	ug/L	0.0572	0.191
Benzo(e)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.155	0.518
Benzo(a)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0327	0.109
Indeno(1,2,3-cd)pyrene	SW846 Method 8270E PAH in W	ND	ug/L	0.0691	0.230
Benzo(g,h,i)perylene	SW846 Method 8270E PAH in W	ND	ug/L	0.0836	0.279
Dibenz(a,h)anthracene	SW846 Method 8270E PAH in W	ND	ug/L	0.0675	0.225
Coronene	SW846 Method 8270E PAH in W	ND	ug/L	0.0673	0.224



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