



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

Environmental Health Division

## WSLH Sample: 618661001

Report To:  
 JEREMY JESS

Invoice To:  
 STEVE BARG  
 100 JACKSON ST  
 RIPON, WI 54971  
 Customer ID: 42004765

System Name: RIPON WATER UTILITY  
 City: RIPON  
 Collection Date/Time: 05/09/2022 11:45  
 Collected By: JAMES JACOBS  
 County: 20 - Fond Du Lac  
 Source Code: E - Entry Point  
 Collection Address: 1224 W FOND DU LAC ST  
 Location of Sample: WELL 9 ENTRY POINT

Monitor Point ID: NA  
 PWS ID#: 42004765  
 WI Unique Well#: KY576  
 Entry Point ID: 8  
 Date Received: 5/10/2022  
 Date Reported: 5/27/2022  
 Sample Type: I-Investigation

### PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/16/22 13:00		Analysis Date: 05/17/22 19:08			
PFBS (375-73-5)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFHxA (307-24-4)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFHpA (375-85-9)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFHxS (355-46-4)	EPA Method 537.1	2.13	ng/L	0.933	0.933
DONA (919005-14-4)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFNA (375-95-1)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFOS (1763-23-1)	EPA Method 537.1	1.59	ng/L	0.933	0.933
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFDA (335-76-2)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFUnA (2058-94-8)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFOA (335-67-1)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFDoA (307-55-1)	EPA Method 537.1	<0.933	ng/L	0.933	0.933

Quantification was performed using the secondary ion transition; Q1 mass was 612.828 Da and Q3 mass was 168.900 Da. All Quality Control for this transition is acceptable.



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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618661001**

## PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/16/22 13:00		Analysis Date: 05/17/22 19:08			
PFTrDA (72629-94-8)	EPA Method 537.1	<0.933	ng/L	0.933	0.933
PFTeDA (376-06-7)	EPA Method 537.1	<0.933	ng/L	0.933	0.933



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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618661001**

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.

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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: David Webb, Division Director 608-224-6227



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# Laboratory Report

Environmental Health Division

## WSLH Sample: 618661002

Report To:  
 JEREMY JESS

Invoice To:  
 STEVE BARG  
 100 JACKSON ST  
 RIPON, WI 54971  
 Customer ID: 42004765

System Name: RIPON WATER UTILITY  
 City: RIPON  
 Collection Date/Time: 05/09/2022 11:45  
 Collected By: JAMES JACOBS  
 County: 20 - Fond Du Lac  
 Source Code: E - Entry Point  
 Collection Address: 1224 W FOND DU LAC ST  
 Location of Sample: WELL 9 ENTRY POINT

Monitor Point ID: NA  
 PWS ID#: 42004765  
 WI Unique Well#: KY576  
 Entry Point ID: 8  
 Date Received: 5/10/2022  
 Date Reported: 5/27/2022  
 Sample Type: I-Investigation

### Sample Comments

FIELD REAGENT BLANK (FRB)

### PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/19/22 12:00		Analysis Date: 05/20/22 13:34			
PFBS (375-73-5)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
The matrix spike does not meet the lower QC limit.					
PFHxA (307-24-4)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
HFPO-DA (13252-13-6)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFHpA (375-85-9)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFHxS (355-46-4)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
DONA (919005-14-4)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFNA (375-95-1)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFOS (1763-23-1)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFDA (335-76-2)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFUnA (2058-94-8)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFOA (335-67-1)	EPA Method 537.1	<1.02	ng/L	1.02	1.02



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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618661002**

## PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/19/22 12:00		Analysis Date: 05/20/22 13:34			
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFDaA (307-55-1)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFTrDA (72629-94-8)	EPA Method 537.1	<1.02	ng/L	1.02	1.02
PFTeDA (376-06-7)	EPA Method 537.1	<1.02	ng/L	1.02	1.02



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Laboratory of Hygiene**  
UNIVERSITY OF WISCONSIN-MADISON

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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618661002**

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

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## 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: David Webb, Division Director 608-224-6227



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# Laboratory Report

Environmental Health Division

## WSLH Sample: 618662001

Report To:  
 JEREMY JESS

Invoice To:  
 STEVE BARG  
 100 JACKSON ST  
 RIPON, WI 54971  
 Customer ID: 42004765

System Name: RIPON WATER UTILITY  
 City: RIPON  
 Collection Date/Time: 05/09/2022 13:00  
 Collected By: JAMES JACOBS  
 County: 20 - Fond Du Lac  
 Source Code: E - Entry Point  
 Collection Address: 506 FENTON ST  
 Location of Sample: WELL 5 ENTRY POINT

Monitor Point ID: NA  
 PWS ID#: 42004765  
 WI Unique Well#: BF817  
 Entry Point ID: 9  
 Date Received: 5/10/2022  
 Date Reported: 5/31/2022  
 Sample Type: I-Investigation

### PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/16/22 13:00		Analysis Date: 05/17/22 19:19			
PFBS (375-73-5)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFHxA (307-24-4)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFHpA (375-85-9)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFHxS (355-46-4)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
DONA (919005-14-4)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFNA (375-95-1)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFOS (1763-23-1)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFDA (335-76-2)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFUnA (2058-94-8)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFOA (335-67-1)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFDoA (307-55-1)	EPA Method 537.1	<0.988	ng/L	0.988	0.988

Quantification was performed using the secondary ion transition; Q1 mass was 612.828 Da and Q3 mass was 168.900 Da. All Quality Control for this transition is acceptable.



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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618662001**

## PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/16/22 13:00		Analysis Date: 05/17/22 19:19			
PFTrDA (72629-94-8)	EPA Method 537.1	<0.988	ng/L	0.988	0.988
PFTeDA (376-06-7)	EPA Method 537.1	<0.988	ng/L	0.988	0.988





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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618662001**

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

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

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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  
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# Laboratory Report

Environmental Health Division

## WSLH Sample: 618663001

Report To:  
 JEREMY JESS

Invoice To:  
 STEVE BARG  
 100 JACKSON ST  
 RIPON, WI 54971  
 Customer ID: 42004765

System Name: RIPON WATER UTILITY  
 City: RIPON  
 Collection Date/Time: 05/09/2022 12:15  
 Collected By: JAMES JACOBS  
 County: 20 - Fond Du Lac  
 Source Code: E - Entry Point  
 Collection Address: 320 PACIFIC ST  
 Location of Sample: WELL 8 ENTRY POINT

Monitor Point ID: NA  
 PWS ID#: 42004765  
 WI Unique Well#: BF814  
 Entry Point ID: 5  
 Date Received: 5/10/2022  
 Date Reported: 5/31/2022  
 Sample Type: I-Investigation

### Sample Comments

Surrogate recovery does not meet lower QC limit for D5-NEtFOSAA. Results may be biased low.

### PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/16/22 13:00		Analysis Date: 05/17/22 19:31			
Comments: Surrogate recovery does not meet lower QC limit.					
PFBS (375-73-5)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFHxA (307-24-4)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFHpA (375-85-9)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFHxS (355-46-4)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
DONA (919005-14-4)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFNA (375-95-1)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFOS (1763-23-1)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFDA (335-76-2)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFUnA (2058-94-8)	EPA Method 537.1	<0.945	ng/L	0.945	0.945

Environmental Health Division

**WSLH Sample: 618663001**

## PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 05/16/22 13:00		Analysis Date: 05/17/22 19:31			
PFOA (335-67-1)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
11CI-PF3OUds (763051-92-9)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFDaA (307-55-1)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
Quantification was performed using the secondary ion transition; Q1 mass was 612.828 Da and Q3 mass was 168.900 Da. All Quality Control for this transition is acceptable.					
PFTrDA (72629-94-8)	EPA Method 537.1	<0.945	ng/L	0.945	0.945
PFTeDA (376-06-7)	EPA Method 537.1	<0.945	ng/L	0.945	0.945



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# Laboratory Report

Environmental Health Division

**WSLH Sample: 618663001**

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

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