



Environment Testing

1

2

3

4

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6

7

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9

10

11

12

13

14

15

16

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Henderson Labs  
J. R. Henderson Labs, Inc  
123 Seaman Avenue  
Beachwood, New Jersey 08722

Generated 4/24/2024 8:38:41 AM

## JOB DESCRIPTION

UCMR5 - Ship Bottom

## JOB NUMBER

810-100577-1

Eurofins Eaton Analytical South Bend  
110 S Hill Street  
South Bend IN 46617

See page two for job notes and contact information.

Page 1 of 23



# Eurofins Eaton Analytical South Bend

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

## Job Notes

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## Authorization



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# Table of Contents

Cover Page .....	1
Table of Contents .....	3
Definitions/Glossary .....	4
Case Narrative .....	5
Detection Summary .....	6
Client Sample Results .....	7
Surrogate Summary .....	9
Isotope Dilution Summary .....	10
QC Sample Results .....	11
QC Association Summary .....	17
Lab Chronicle .....	18
Certification Summary .....	19
Method Summary .....	20
Sample Summary .....	21
Chain of Custody .....	22
Receipt Checklists .....	23



## Definitions/Glossary

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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## Case Narrative

Client: J. R. Henderson Labs, Inc  
Project: UCMR5 - Ship Bottom

Job ID: 810-100577-1

**Job ID: 810-100577-1**

**Eurofins Eaton Analytical South Bend**

### Job Narrative 810-100577-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The sample was received on 4/12/2024 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

#### PFAS

Method 533\_UCMR5: The pH of the following sample was adjusted to pH 7 in the laboratory: 91003/TP001003/Plant 1 (810-100577-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



## Detection Summary

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

Client Sample ID: 91003/TP001003/Plant 1  
PWSID Number: NH528001

Lab Sample ID: 810-100577-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lithium	13.2		9.00	ug/L	1		200.7 UCMR5	Total/NA



This Detection Summary does not include radiochemical test results.

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## Client Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

**Client Sample ID: 91003/TP001003/Plant 1**

**Lab Sample ID: 810-100577-1**

**Date Collected: 04/11/24 10:35**

**Matrix: Drinking Water**

**Date Received: 04/12/24 09:00**

**PWSID Number: NH528001**

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.0050		0.0050	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoropentanoic acid (PFPeA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorohexanoic acid (PFHxA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorooctanoic acid (PFOA)	<0.0040		0.0040	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorononanoic acid (PFNA)	<0.0040		0.0040	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorodecanoic acid (PFDA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorododecanoic acid (PFDoA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.0040	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.0040	ug/L		04/19/24 08:47	04/20/24 17:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.0050	ug/L		04/19/24 08:47	04/20/24 17:40	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		04/19/24 08:47	04/20/24 17:40	1
11-Chloroicosafuoro-3-oxadecan e-1-sulfonic acid	<0.0050		0.0050	ug/L		04/19/24 08:47	04/20/24 17:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0050		0.0050	ug/L		04/19/24 08:47	04/20/24 17:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0050		0.0050	ug/L		04/19/24 08:47	04/20/24 17:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0200		0.0200	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.0040	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0030		0.0030	ug/L		04/19/24 08:47	04/20/24 17:40	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	88		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C4 PFBA	93		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C3 PFBS	107		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C5 PFPeA	96		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C5 PFHxA	90		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C4 PFHpA	89		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C8 PFOA	92		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C9 PFNA	96		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C6 PFDA	93		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C7 PFUnA	94		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C2 PFDoA	94		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C8 PFOS	104		50 - 200			04/19/24 08:47	04/20/24 17:40	1
13C3 PFHxS	103		50 - 200			04/19/24 08:47	04/20/24 17:40	1

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## Client Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

**Client Sample ID: 91003/TP001003/Plant 1**

**Lab Sample ID: 810-100577-1**

Date Collected: 04/11/24 10:35

Matrix: Drinking Water

Date Received: 04/12/24 09:00

PWSID Number: NH528001

**Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)**

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-4:2-FTS	90		50 - 200	04/19/24 08:47	04/20/24 17:40	1
13C2-6:2-FTS	89		50 - 200	04/19/24 08:47	04/20/24 17:40	1
13C2-8:2-FTS	104		50 - 200	04/19/24 08:47	04/20/24 17:40	1

**Method: EPA 537.1 UCMR5 - Perfluorinated Alkyl Acids (LC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0050		0.0050	ug/L		04/16/24 07:15	04/16/24 23:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0060		0.0060	ug/L		04/16/24 07:15	04/16/24 23:43	1
Perfluorotetradecanoic acid (PFTA)	<0.0080		0.0080	ug/L		04/16/24 07:15	04/16/24 23:43	1
Perfluorotridecanoic acid (PFTDA)	<0.0070		0.0070	ug/L		04/16/24 07:15	04/16/24 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	91		70 - 130	04/16/24 07:15	04/16/24 23:43	1
13C2 PFHxA	94		70 - 130	04/16/24 07:15	04/16/24 23:43	1
13C2 PFDA	87		70 - 130	04/16/24 07:15	04/16/24 23:43	1
13C3 HFPO-DA	92		70 - 130	04/16/24 07:15	04/16/24 23:43	1

**Method: EPA 200.7 UCMR5 - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	13.2		9.00	ug/L		04/17/24 12:23	04/18/24 15:35	1

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## Surrogate Summary

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

**Method: 537.1 UCMR5 - Perfluorinated Alkyl Acids (LC/MS)**

**Matrix: Drinking Water**

**Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		d5NEFOS (70-130)	PFHxA (70-130)	PFDA (70-130)	HFPODA (70-130)
810-100577-1	91003/TP001003/Plant 1	91	94	87	92
LLCS 810-95587/20-A	Lab Control Sample	98	101	98	102
MBL 810-95587/19-A	Method Blank	98	94	90	91

**Surrogate Legend**  
d5NEFOS = d5-NEtFOSAA  
PFHxA = 13C2 PFHxA  
PFDA = 13C2 PFDA  
HFPODA = 13C3 HFPO-DA

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## Isotope Dilution Summary

Client: J. R. Henderson Labs, Inc  
 Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		HFPODA (50-200)	PFBA (50-200)	C3PFBS (50-200)	PFPeA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)
810-100577-1	91003/TP001003/Plant 1	88	93	107	96	90	89	92	96
810-100577-1 MS	91003/TP001003/Plant 1	87	96	100	97	90	84	81	75
810-100577-1 MSD	91003/TP001003/Plant 1	87	93	105	96	90	86	87	84
LLCS 810-96042/2-A	Lab Control Sample	96	103	105	108	102	98	102	106
MBL 810-96042/1-A	Method Blank	101	109	109	112	107	103	107	113

  

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		C6PFDA (50-200)	13C7PUA (50-200)	PFD <sub>o</sub> A (50-200)	C8PFOS (50-200)	C3PFHS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)
810-100577-1	91003/TP001003/Plant 1	93	94	94	104	103	90	89	104
810-100577-1 MS	91003/TP001003/Plant 1	69	74	80	102	102	102	94	102
810-100577-1 MSD	91003/TP001003/Plant 1	88	93	92	104	105	106	104	109
LLCS 810-96042/2-A	Lab Control Sample	104	107	104	106	103	90	98	107
MBL 810-96042/1-A	Method Blank	109	110	106	109	108	95	95	113

**Surrogate Legend**

- HFPODA = 13C3 HFPO-DA
- PFBA = 13C4 PFBA
- C3PFBS = 13C3 PFBS
- PFPeA = 13C5 PFPeA
- 13C5PHA = 13C5 PFHxA
- C4PFHA = 13C4 PFHpA
- C8PFOA = 13C8 PFOA
- C9PFNA = 13C9 PFNA
- C6PFDA = 13C6 PFDA
- 13C7PUA = 13C7 PFUnA
- PFD<sub>o</sub>A = 13C2 PFD<sub>o</sub>A
- C8PFOS = 13C8 PFOS
- C3PFHS = 13C3 PFHxS
- 42FTS = 13C2-4:2-FTS
- 62FTS = 13C2-6:2-FTS
- 82FTS = 13C2-8:2-FTS

## QC Sample Results

Client: J. R. Henderson Labs, Inc  
 Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-96042/1-A  
 Matrix: Drinking Water  
 Analysis Batch: 96130

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 96042

Analyte	MBL	MBL	RL	Unit	D	Prepared	Analyzed	DII Fac
	Result	Qualifier						
Perfluorobutanoic acid (PFBA)	<0.0005		0.0050	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoropentanoic acid (PFPeA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorohexanoic acid (PFHxA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoroheptanoic acid (PFHpA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorooctanoic acid (PFOA)	<0.0004		0.0040	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorononanoic acid (PFNA)	<0.0004		0.0040	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorodecanoic acid (PFDA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoroundecanoic acid (PFUnA)	<0.0004		0.0020	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorododecanoic acid (PFDoA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorobutanesulfonic acid (PFBS)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluorooctanesulfonic acid (PFOS)	<0.0004		0.0040	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0004		0.0040	ug/L		04/19/24 08:47	04/20/24 17:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0005		0.0050	ug/L		04/19/24 08:47	04/20/24 17:13	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0005		0.0020	ug/L		04/19/24 08:47	04/20/24 17:13	1
11-Chlorooctadecafluoro-3-oxadecan e-1-sulfonic acid	<0.0005		0.0050	ug/L		04/19/24 08:47	04/20/24 17:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0006		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0007		0.0050	ug/L		04/19/24 08:47	04/20/24 17:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0006		0.0050	ug/L		04/19/24 08:47	04/20/24 17:13	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0009		0.0200	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0003		0.0040	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0004		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<0.0005		0.0030	ug/L		04/19/24 08:47	04/20/24 17:13	1

  

Isotope Dilution	MBL	MBL	Limits	Prepared	Analyzed	DII Fac
	%Recovery	Qualifier				
13C3 HFPO-DA	101		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C4 PFBA	109		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C3 PFBS	109		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C5 PFPeA	112		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C5 PFHxA	107		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C4 PFHpA	103		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C8 PFOA	107		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C9 PFNA	113		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C6 PFDA	109		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C7 PFUnA	110		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C2 PFDoA	106		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C8 PFOS	109		50 - 200	04/19/24 08:47	04/20/24 17:13	1

Eurofins Eaton Analytical South Bend

### QC Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

#### Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

**Lab Sample ID: MBL 810-96042/1-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 96130**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 96042**

Isotope Dilution	MBL MBL		Limits	Prepared	Analyzed	DII Fac
	%Recovery	Qualifier				
13C3 PFHxS	108		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C2-4:2-FTS	95		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C2-6:2-FTS	95		50 - 200	04/19/24 08:47	04/20/24 17:13	1
13C2-8:2-FTS	113		50 - 200	04/19/24 08:47	04/20/24 17:13	1

**Lab Sample ID: LLCS 810-96042/2-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 96130**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 96042**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Perfluorobutanoic acid (PFBA)	0.00200	0.0021		ug/L		103	50 - 150
Perfluoropentanoic acid (PFPeA)	0.00200	0.0021		ug/L		107	50 - 150
Perfluorohexanoic acid (PFHxA)	0.00200	0.0020		ug/L		102	50 - 150
Perfluoroheptanoic acid (PFHpA)	0.00200	0.0021		ug/L		103	50 - 150
Perfluorooctanoic acid (PFOA)	0.00200	0.0021		ug/L		106	50 - 150
Perfluorononanoic acid (PFNA)	0.00200	0.0022		ug/L		112	50 - 150
Perfluorodecanoic acid (PFDA)	0.00200	0.0021		ug/L		105	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.00200	0.0021		ug/L		107	50 - 150
Perfluorododecanoic acid (PFDoA)	0.00200	0.0021		ug/L		106	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.00189	0.0021		ug/L		110	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.00178	0.0017		ug/L		98	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.00183	0.0018		ug/L		101	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.00191	0.0018		ug/L		96	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.00186	0.0019		ug/L		103	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.00188	0.0018		ug/L		96	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.00200	0.0021		ug/L		105	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	0.00187	0.0018		ug/L		99	50 - 150
11-Chloroicosadecafluoro-3-oxadecane-1-sulfonic acid	0.00189	0.0017		ug/L		92	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.00188	0.0023		ug/L		122	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.00190	0.0022		ug/L		116	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.00192	0.0021		ug/L		108	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.00200	0.0020		ug/L		101	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.00200	0.0022		ug/L		110	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.00200	0.0020		ug/L		101	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	0.00178	0.0018		ug/L		103	50 - 150

Eurofins Eaton Analytical South Bend

## QC Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LLCS		Limits
	%Recovery	Qualifier	
13C3 HFPO-DA	96		50 - 200
13C4 PFBA	103		50 - 200
13C3 PFBS	105		50 - 200
13C5 PFPeA	108		50 - 200
13C5 PFHxA	102		50 - 200
13C4 PFHpA	98		50 - 200
13C8 PFOA	102		50 - 200
13C9 PFNA	106		50 - 200
13C6 PFDA	104		50 - 200
13C7 PFUnA	107		50 - 200
13C2 PFDoA	104		50 - 200
13C8 PFOS	106		50 - 200
13C3 PFHxS	103		50 - 200
13C2-4:2-FTS	90		50 - 200
13C2-6:2-FTS	98		50 - 200
13C2-8:2-FTS	107		50 - 200

Lab Sample ID: 810-100577-1 MS  
Matrix: Drinking Water  
Analysis Batch: 96130

Client Sample ID: 91003/TP001003/Plant 1  
Prep Type: Total/NA  
Prep Batch: 96042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Perfluorobutanoic acid (PFBA)	<0.0050		0.200	0.1966		ug/L		98	
Perfluoropentanoic acid (PFPeA)	<0.0030		0.200	0.1984		ug/L		99	
Perfluorohexanoic acid (PFHxA)	<0.0030		0.200	0.1965		ug/L		98	
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.200	0.1999		ug/L		100	
Perfluorooctanoic acid (PFOA)	<0.0040		0.200	0.1929		ug/L		96	
Perfluorononanoic acid (PFNA)	<0.0040		0.200	0.1979		ug/L		99	
Perfluorodecanoic acid (PFDA)	<0.0030		0.200	0.1979		ug/L		99	
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.200	0.2024		ug/L		101	
Perfluorododecanoic acid (PFDoA)	<0.0030		0.200	0.1990		ug/L		100	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0030		0.189	0.1905		ug/L		101	
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.178	0.1775		ug/L		100	
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.183	0.1781		ug/L		98	
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.191	0.1784		ug/L		93	
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.186	0.1744		ug/L		94	
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.188	0.1775		ug/L		94	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.200	0.2018		ug/L		101	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0020		0.187	0.1773		ug/L		95	
11-Chloroelcosafluoro-3-oxaundecane-1-sulfonic acid	<0.0050		0.189	0.1731		ug/L		92	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0030		0.188	0.1848		ug/L		99	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0050		0.190	0.2077		ug/L		109	

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## QC Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-100577-1 MS				Client Sample ID: 91003/TP001003/Plant 1						
Matrix: Drinking Water				Prep Type: Total/NA						
Analysis Batch: 96130				Prep Batch: 96042						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits	
				Result	Qualifier					
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0050		0.192	0.2048		ug/L		107		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0200		0.200	0.1877		ug/L		94		
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.200	0.2031		ug/L		102		
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.200	0.1938		ug/L		97		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<0.0030		0.178	0.1732		ug/L		97		
				MS MS						
Isotope Dilution	%Recovery	Qualifier	Limits							
13C3 HFPO-DA	87		50 - 200							
13C4 PFBA	96		50 - 200							
13C3 PFBS	100		50 - 200							
13C5 PFP6A	97		50 - 200							
13C5 PFHxA	90		50 - 200							
13C4 PFHpA	84		50 - 200							
13C8 PFOA	81		50 - 200							
13C9 PFNA	75		50 - 200							
13C6 PFDA	69		50 - 200							
13C7 PFUnA	74		50 - 200							
13C2 PFDoA	80		50 - 200							
13C8 PFOS	102		50 - 200							
13C3 PFHxS	102		50 - 200							
13C2-4:2-FTS	102		50 - 200							
13C2-6:2-FTS	94		50 - 200							
13C2-8:2-FTS	102		50 - 200							

Lab Sample ID: 810-100577-1 MSD				Client Sample ID: 91003/TP001003/Plant 1							
Matrix: Drinking Water				Prep Type: Total/NA							
Analysis Batch: 96130				Prep Batch: 96042							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
				Result	Qualifier						
Perfluorobutanoic acid (PFBA)	<0.0050		0.200	0.2006		ug/L		100		2	
Perfluoropentanoic acid (PFPeA)	<0.0030		0.200	0.1977		ug/L		99		0	
Perfluorohexanoic acid (PFHxA)	<0.0030		0.200	0.1966		ug/L		98		0	
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.200	0.1976		ug/L		99		1	
Perfluorooctanoic acid (PFOA)	<0.0040		0.200	0.1934		ug/L		97		0	
Perfluorononanoic acid (PFNA)	<0.0040		0.200	0.2093		ug/L		105		6	
Perfluorodecanoic acid (PFDA)	<0.0030		0.200	0.1961		ug/L		98		1	
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.200	0.1990		ug/L		99		2	
Perfluorododecanoic acid (PFDoA)	<0.0030		0.200	0.2003		ug/L		100		1	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0030		0.189	0.1868		ug/L		99		2	
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.178	0.1733		ug/L		98		2	
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.183	0.1787		ug/L		98		0	

Eurofins Eaton Analytical South Bend



## QC Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

**Lab Sample ID: 810-100577-1 MSD**  
**Matrix: Drinking Water**  
**Analysis Batch: 96130**

**Client Sample ID: 91003/TP001003/Plant 1**  
**Prep Type: Total/NA**  
**Prep Batch: 96042**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.191	0.1822		ug/L		96		2	
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.186	0.1812		ug/L		98		4	
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.188	0.1779		ug/L		95		0	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.200	0.1991		ug/L		100		1	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0020		0.187	0.1840		ug/L		98		4	
11-Chloroicosadecafluoro-3-oxadecane-1-sulfonic acid	<0.0050		0.189	0.1809		ug/L		96		4	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0030		0.188	0.1893		ug/L		101		2	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0050		0.190	0.1982		ug/L		104		5	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0050		0.192	0.2001		ug/L		104		2	
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0200		0.200	0.1891		ug/L		95		1	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.200	0.2056		ug/L		103		1	
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.200	0.1948		ug/L		97		1	
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0030		0.178	0.1769		ug/L		99		2	

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
<sup>13</sup> C3 HFPO-DA	87		50 - 200
<sup>13</sup> C4 PFBA	93		50 - 200
<sup>13</sup> C3 PFBS	105		50 - 200
<sup>13</sup> C5 PFPeA	96		50 - 200
<sup>13</sup> C5 PFHxA	90		50 - 200
<sup>13</sup> C4 PFHpA	86		50 - 200
<sup>13</sup> C8 PFOA	87		50 - 200
<sup>13</sup> C9 PFNA	84		50 - 200
<sup>13</sup> C6 PFDA	88		50 - 200
<sup>13</sup> C7 PFUnA	93		50 - 200
<sup>13</sup> C2 PFDoA	92		50 - 200
<sup>13</sup> C8 PFOS	104		50 - 200
<sup>13</sup> C3 PFHxS	105		50 - 200
<sup>13</sup> C2-4:2-FTS	106		50 - 200
<sup>13</sup> C2-6:2-FTS	104		50 - 200
<sup>13</sup> C2-8:2-FTS	109		50 - 200

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### QC Sample Results

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

#### Method: 537.1 UCMR5 - Perfluorinated Alkyl Acids (LC/MS)

**Lab Sample ID: MBL 810-95587/19-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 95662**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 95587**

Analyte	MBL		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0007		0.0050	ug/L		04/16/24 07:15	04/16/24 20:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0006		0.0060	ug/L		04/16/24 07:15	04/16/24 20:32	1
Perfluorotetradecanoic acid (PFTA)	<0.0007		0.0080	ug/L		04/16/24 07:15	04/16/24 20:32	1
Perfluorotridecanoic acid (PFTrDA)	<0.0006		0.0070	ug/L		04/16/24 07:15	04/16/24 20:32	1
Surrogate	MBL		Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
d5-NEtFOSAA	98		70 - 130			04/16/24 07:15	04/16/24 20:32	1
13C2 PFHxA	94		70 - 130			04/16/24 07:15	04/16/24 20:32	1
13C2 PFDA	90		70 - 130			04/16/24 07:15	04/16/24 20:32	1
13C3 HFPO-DA	91		70 - 130			04/16/24 07:15	04/16/24 20:32	1

**Lab Sample ID: LLCS 810-95587/20-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 95662**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 95587**

Analyte	Spike Added	LLCS		Unit	D	%Rec	Limits
		Result	Qualifier				
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.00200	0.0016		ug/L		80	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.00200	0.0013		ug/L		67	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.00200	0.0014		ug/L		71	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.00200	0.0014		ug/L		72	50 - 150
Surrogate	LLCS		Limits			%Rec	Limits
	%Recovery	Qualifier					
d5-NEtFOSAA	98		70 - 130				
13C2 PFHxA	101		70 - 130				
13C2 PFDA	98		70 - 130				
13C3 HFPO-DA	102		70 - 130				

#### Method: 200.7 UCMR5 - Metals (ICP)

**Lab Sample ID: MBL 810-95875/1-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 95982**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 95875**

Analyte	MBL		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Lithium	<1.80		9.00	ug/L		04/17/24 12:23	04/18/24 15:09	1

**Lab Sample ID: LLCS 810-95875/2-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 95982**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 95875**

Analyte	Spike Added	LLCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Lithium	9.00	10.4		ug/L		115	50 - 150

Eurofins Eaton Analytical South Bend



## QC Association Summary

Client: J. R. Henderson Labs, Inc  
 Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1



### LCMS

#### Prep Batch: 95587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-100577-1	91003/TP001003/Plant 1	Total/NA	Drinking Water	537.1 DW	
MBL 810-95587/19-A	Method Blank	Total/NA	Drinking Water	537.1 DW	
LLCS 810-95587/20-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	

#### Analysis Batch: 95662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-100577-1	91003/TP001003/Plant 1	Total/NA	Drinking Water	537.1 UCMR5	95587
MBL 810-95587/19-A	Method Blank	Total/NA	Drinking Water	537.1 UCMR5	95587
LLCS 810-95587/20-A	Lab Control Sample	Total/NA	Drinking Water	537.1 UCMR5	95587

#### Prep Batch: 96042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-100577-1	91003/TP001003/Plant 1	Total/NA	Drinking Water	533	
MBL 810-96042/1-A	Method Blank	Total/NA	Drinking Water	533	
LLCS 810-96042/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
810-100577-1 MS	91003/TP001003/Plant 1	Total/NA	Drinking Water	533	
810-100577-1 MSD	91003/TP001003/Plant 1	Total/NA	Drinking Water	533	

#### Analysis Batch: 96130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-100577-1	91003/TP001003/Plant 1	Total/NA	Drinking Water	533	96042
MBL 810-96042/1-A	Method Blank	Total/NA	Drinking Water	533	96042
LLCS 810-96042/2-A	Lab Control Sample	Total/NA	Drinking Water	533	96042
810-100577-1 MS	91003/TP001003/Plant 1	Total/NA	Drinking Water	533	96042
810-100577-1 MSD	91003/TP001003/Plant 1	Total/NA	Drinking Water	533	96042

### Metals

#### Prep Batch: 95875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-100577-1	91003/TP001003/Plant 1	Total/NA	Drinking Water	200.7 UCMR5	
MBL 810-95875/1-A	Method Blank	Total/NA	Drinking Water	200.7 UCMR5	
LLCS 810-95875/2-A	Lab Control Sample	Total/NA	Drinking Water	200.7 UCMR5	

#### Analysis Batch: 95982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-100577-1	91003/TP001003/Plant 1	Total/NA	Drinking Water	200.7 UCMR5	95875
MBL 810-95875/1-A	Method Blank	Total/NA	Drinking Water	200.7 UCMR5	95875
LLCS 810-95875/2-A	Lab Control Sample	Total/NA	Drinking Water	200.7 UCMR5	95875

Eurofins Eaton Analytical South Bend

# Lab Chronicle

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

Client Sample ID: 91003/TP001003/Plant 1

Lab Sample ID: 810-100577-1

Date Collected: 04/11/24 10:35

Matrix: Drinking Water

Date Received: 04/12/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			96042	LB	EA SB	04/19/24 08:47
Total/NA	Analysis	533		1	96130	PP	EA SB	04/20/24 17:40
Total/NA	Prep	537.1 DW			95587	KM	EA SB	04/16/24 07:15
Total/NA	Analysis	537.1 UCMR5		1	95662	BS	EA SB	04/16/24 23:43
Total/NA	Prep	200.7 UCMR5			95875	AC	EA SB	04/17/24 12:23
Total/NA	Analysis	200.7 UCMR5		1	95982	AC	EA SB	04/18/24 15:35

**Laboratory References:**

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



## Accreditation/Certification Summary

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

### Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25

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## Method Summary

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
537.1 UCMR5	Perfluorinated Alkyl Acids (LC/MS)	EPA	EA SB
200.7 UCMR5	Metals (ICP)	EPA	EA SB
200.7 UCMR5	Preparation, Total Recoverable Metals	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB
537.1 DW	Extraction of Perfluorinated Alkyl Acids	EPA	EA SB

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



## Sample Summary

Client: J. R. Henderson Labs, Inc  
Project/Site: UCMR5 - Ship Bottom

Job ID: 810-100577-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
810-100577-1	91003/TP001003/Plant 1	Drinking Water	04/11/24 10:35	04/12/24 09:00	NH528001

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South Bend, IN  
 110 S Hill Street  
 South Bend, IN 46617  
 Phone (574) 233-4777; Phone (574) 233-8207

"UCMR 5 Sampling Form for Single Collection Site"  
 (Separate form is needed for each collection site)



7101

Company Contact: Hope Miller  
 Company Name: JR Henderson Labs Inc  
 Company Address: 123 Seaman Ave  
Beachwood Nf  
08722  
 Phone: (732) 341-1211  
 Email: hmiller@henderson-labs.com  
 Purchase Order: \_\_\_\_\_

Lab PM(name): \_\_\_\_\_  
 PM Email: \_\_\_\_\_  
 EEA Project: \_\_\_\_\_

PWSID: NH528001  
 FacID: 91003  
 SPID: TP001003  
 FacName: Plant 1  
 SPName: Entry to DS  
 Sampling Event: SE 2 April 2024

Water System Name: Ship Bottom  
 Collection Location: Plant 1 / TP001003  
 Scheduled Collection Date: \_\_\_\_\_

Sampler Name (Print): NICK EVANS

Date/Time Sampled: 4.11.24; 10:35

Client Storage temp, if > 2 days from collection: \_\_\_\_\_



810-100577 Chain of Custody

AREA BELOW FOR LAB USE ONLY

For UCMR 5 specific criteria see: REC-WI55108 Guidance Document for UCMR 5 Sample Receiving Rec

Method	Type	# Bot	IR Gun#: <u>23</u>		pH* value	Ice: <u>Wet</u> Blue	✓ If receipt pH acceptable	✓ If pH needs adjustment	Cl (P/A) **	Sample Comments	✓ If sample is Invalid
			Temp °C (10°C within 2 days of collection, 6°C for > 2 days)	Initial / Corrected							
200.7	FS	1									
200.7	FS	2					/				
533	FS	1	4.4	14.0			/		A		
533	FS	2	7.4	14.0			/		A		
533	FS	3	7.4	14.0			/		A		
533	FRB	1	4.2	13.4			/		A		
537.1	FS	1	4.4	14.4			/		A		
537.1	FS	2	4.4	14.4			/		A		
537.1	FS	3	4.4	14.4			/		A		
537.1	FRB	1	3.8	13.4			/		A		

\* pH < 2 for 200.7, pH 6-8 for 533 & 537.1. Note: 200.7 & 533 pH may be adjusted upon receipt.

\*\* A = Absent If free Cl < 0.1 mg/L; P = Chlorine is present

Received By: [Signature]

Date/Time: 4.12.24 9:00

## Login Sample Receipt Checklist

Client: J. R. Henderson Labs, Inc

Job Number: 810-100577-1

Login Number: 100577

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Alfred, Robblin

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	



