

Moniteau School District  
Maintenance Department  
Moniteau High School  
2023 PFAS Testing  
May 2023



1803 Philadelphia Street  
Indiana, PA 15701  
P: (724) 463-8378  
F: (724) 465-4209  
PADEP: 32-00382

1276 Bentleyville Road  
Van Voorhis, PA 15366  
P: (724) 258-8378  
F: (724) 258-8376  
PADEP: 63-04247

435 Broad Street  
Montoursville, PA 17754  
P: (570) 321-9002  
F: (570) 321-1957  
PADEP: 41-04880

950 West Main Street  
Sharpsville, PA 16150  
P: (724) 463-8378 x 500  
F: (724) 465-4209  
PADEP: 43-04934

12 June 2023

Moniteau School District  
Attn: Jeffrey Campbell  
1810 West Sunbury Road  
West Sunbury, PA 16061

**Work Order: 23E2702**  
**Project: Jr/Sr - PFAS (Non Reportable)**

## Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101	23E2702-01	Drinking Water	05/25/2023 10:50	5/25/23 13:40	

### Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or interpretation of the data included herein.

PFOA/PFOS subcontracted to Suburban Water Testing Laboratory-Reading, PA DEP Lab ID 06-00208; please see attached subcontract laboratory Report of Analysis for results.

### Data Qualifiers/Definitions

RL Reporting Limit

### Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unless otherwise specified.

### Approved By

*Kirsten Conoran*

Kirsten Conoran  
Project Manager





# SAMPLE RECEIPT AND REVIEW FORM

Client: Montevu



### PART A: GENERAL INFORMATION- SATELLITE LAB

Received by/Lab ID:	Date/Time Received: / /
Method of Delivery: Client Drop-Off <input type="checkbox"/> ESL Courier <input type="checkbox"/> Other: _____	Received on Ice? YES <input type="checkbox"/> NO <input type="checkbox"/>
Sample Receipt Temperature: _____ °C	IR Gun ID: _____
Containers Removed by Satellite Lab for Analysis of: FE CAL <input type="checkbox"/> TC/EC <input type="checkbox"/> TC MPN <input type="checkbox"/> EC MPN <input type="checkbox"/> TC/EC MPN <input checked="" type="checkbox"/> (N/A)	

### PART B: GENERAL INFORMATION- INDIANA LABORATORY

Received by/Lab ID: <u>AL 100382</u>	Samples Received on Ice? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Date/Time Received: <u>5/25/23 13:40</u>	Date Sampled: <u>5/25/23</u>
Method of Delivery: FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Client Drop off <input type="checkbox"/> <u>ESL courier</u> <input checked="" type="checkbox"/> Other: _____	
Sample Receipt Temperature: <u>3.7</u> °C	IR Gun ID: <u>3</u>
Sample State of Collection: <input checked="" type="checkbox"/> PA <input type="checkbox"/> NY <input type="checkbox"/> OH <input type="checkbox"/> WV <input type="checkbox"/> Other: _____	PWSID Compliance Drinking Water Samples: <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO

### PART C: Receipt Details

Completed (if different from above): \_\_\_\_\_ Signature \_\_\_\_\_ Date 5/25/23 Time \_\_\_\_\_

Sample Receipt Criteria		Comments/Qualifiers (Required for Non-Conforming Items)
Chain of custody documents included with samples?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Comments:
COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Comments:
Sample containers intact and sealed?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Circle Applicable: Damaged Container <input type="checkbox"/> Leaking Container <input type="checkbox"/> Custody Seal Broken <input type="checkbox"/> Other: _____
Number of containers received matches number indicated on COC?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Sample IDs and Containers Affected:
Sample IDs on COC match IDs on bottles?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Sample IDs and Containers Affected:
Date and time on COC match date and time on bottles?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Sample IDs and Containers Affected:
Samples received within holding time?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Sample IDs and Containers Affected:
Samples received at appropriate pH for analysis requested?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Sample IDs and Containers Affected and Observed pH:
Samples requiring thermal preservation within 0 ≤ 6°C? Microbiology within 0 ≤ 10°C?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	For non-WV samples outside of thermal preservation range sampled same day and received on ice are considered acceptable as long as the cooling process has begun.
Adequate sample volume received?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Analyses Affected:
VOA vials free of headspace (defined as < 6 mm bubble)?	YES <input type="checkbox"/> <input checked="" type="checkbox"/> NO	Sample IDs and Containers Affected:
Other Comments:		Deficiency Log Created: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Effective Date:

**SUBCONTRACT ORDER**

**Environmental Service Laboratories, Inc.**

**23E2702**

Please report all results to [reports@envlabs.com](mailto:reports@envlabs.com). Contact ESL with any questions.

**SENDING LABORATORY:**

Environmental Service Laboratories, Inc.  
1803 Philadelphia Street  
Indiana, PA 15701  
Phone: 724-463-8378  
Fax: 724-465-4209  
Project Manager: Kirsten Conoran

**RECEIVING LABORATORY:**

Suburban Water Testing Labs - Reading  
1037F MacArthur Road  
Reading, PA 19605  
Phone : (610) 375-8378  
Fax: 1610-375-4090

State of Origin: PA

Client: Moniteau School District

PWSID:

Analysis	Due	Expires	Comments
Sample ID: 23E2702-01    Sample Name: Entry Point 101			
Matrix: Drinking Water    Sampled: 05/25/2023 10:50    Sample Type: Grab    Sampled By: Paul Somogyi			
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:50	Non Reportable
<i>Containers Supplied:</i>			
Poly 250mL, Trizma (A)	Poly 250mL, Trizma (B)	Poly 250mL, Trizma (C)	

AIL 5/25/23

Released By \_\_\_\_\_ Date \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_\_  
Released By \_\_\_\_\_ Date \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_\_





**Results Report**

Order ID: 3E05981

Environmental Service Laboratories, Inc. 1803 Philadelphia Street Indiana, PA 15701	Project: Moniteau Jr/Sr High School - PFAS
Attn: Kirsten Conoran	Regulatory ID:

Sample Number: 3E05981-01	Site: 23E2702-01 EP 101	Sample ID: 23E2702-01
Collector: Paul Somogyi	Collect Date: 05/25/2023 10:50 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	< 1.67	ng/L	EPA 537.1	1.67	1	06/02/23	NSD	06/06/23 5:37	RJS
PFOA	0.409	ng/L	EPA 537.1	1.81	1	06/02/23	NSD	06/06/23 5:37	RJS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	46.8	ng/L	EPA 537.1	130%	1	70-130	06/06/23 5:37
Surrogate: 13C2-PFDA	48.7	V3 ng/L	EPA 537.1	135%	1	70-130	06/06/23 5:37
Surrogate: d5-NEIFOSAA	194	V3 ng/L	EPA 537.1	134%	1	70-130	06/06/23 5:37
Surrogate: 13C3-HFPO-DA	44.8	ng/L	EPA 537.1	124%	1	70-130	06/06/23 5:37

<b>Data Qualifiers:</b>
V3      The surrogate associated with this sample was above established acceptance criteria. Data may be biased high.

<b>Sample Receipt Conditions:</b>
All samples met the sample receipt requirements for the relevant analyses.

Units P/A = Present/Absent Units P/F = Pass/Fail
---

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-8.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Report Generated On: 06/12/2023 9:25 am      3E05981  
STL\_Results Revision #2.1      Effective: 09/01/2022





# SUBURBAN TESTING LABS

**Reviewed and Released By:**

Lauren Ullé  
Project Manager I

Report Generated On: 06/12/2023 9:25 am 3E05981  
STL\_Results Revision #2.1 Effective: 09/01/2022





3E05981  
Lauren Ullie

CONTRACT ORDER

ntal Service Laboratories, Inc.

23E2702

ts@envlabs.com. Contact ESL with any questions.

SENDING LABORATORY:

Environmental Service Laboratories, Inc.  
1803 Philadelphia Street  
Indiana, PA 15701  
Phone: 724-463-8378  
Fax: 724-465-4209  
Project Manager: Kirsten Conoran

RECEIVING LABORATORY:

Suburban Water Testing Labs - Reading  
1037F MacArthur Road  
Reading, PA 19605  
Phone : (610) 375-8378  
Fax: 1610-375-4090

State of Origin: PA

Client: Moniteau School District

PWSID:

Analysis	Due	Expires	Comments
Sample ID: 23E2702-01    Sample Name: Entry Point 101			
Matrix: Drinking Water    Sampled: 05/25/2023 10:50    Sample Type: Grab    Sampled By: Paul Somogyi			
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:50	Non Reportable
Containers Supplied:			
Poly 250mL, Trizma (A)	Poly 250mL, Trizma (B)	Poly 250mL, Trizma (C)	

(3) 250 mL P + trizma  
free Cl = ND  
pH = 7 ± 0.5  
Jb 5-26-23

Suburban Testing Labs  
 Lab Date/Time: 5/26/23 13:10    Lab Temp: 2.1  
 Number of containers/coolers match number on COC?  Y  N  
 Sample labels and COC are free of discrepancies?  Y  N  
 All containers intact?  Y  N  
 Received in lab within acceptable temperature limits?  Y  N  
 40 ml VOA vials free of headspace?  Y  N  
 Relinquished by: *br clt*  
 Received in lab by: *Jb* 14:44 5-26-23

Released By: *AIL* 5/25/23    Date: 5-26-23  
 Received By: *Jb* 5-26-23    Date: 5/26/23







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PADEP: 63-04247

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Montoursville, PA 17754  
P: (570) 321-9002  
F: (570) 321-1957  
PADEP: 41-04880

950 West Main Street  
Sharpsville, PA 16150  
P: (724) 463-8378 x 500  
F: (724) 465-4209  
PADEP: 43-04934

12 June 2023

Moniteau School District  
Attn: Jeffrey Campbell  
1810 West Sunbury Road  
West Sunbury, PA 16061

**Work Order: 23E2702**  
**Project: Jr/Sr - PFAS (Non Reportable)**

## Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101	23E2702-01	Drinking Water	05/25/2023 10:50	5/25/23 13:40	

### Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or interpretation of the data included herein.

PFOA/PFOS subcontracted to Suburban Water Testing Laboratory-Reading, PA DEP Lab ID 06-00208; please see attached subcontract laboratory Report of Analysis for results.

### Data Qualifiers/Definitions

RL Reporting Limit

### Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unless otherwise specified.

### Approved By

*Kirsten Conoran*

Kirsten Conoran  
Project Manager





# SAMPLE RECEIPT AND REVIEW FORM

Client: Monteciv



23E2702

## PART A: GENERAL INFORMATION- SATELLITE LAB

Received by/Lab ID: _____	Date/Time Received: / / _____
Method of Delivery: Client Drop-Off <input type="checkbox"/> ESL Courier <input type="checkbox"/> Other: _____	Received on Ice? YES <input type="checkbox"/> NO <input type="checkbox"/>
Sample Receipt Temperature: _____ °C	IR Gun ID: _____
Containers Removed by Satellite Lab for Analysis of: FECAL <input type="checkbox"/> TC/EC <input type="checkbox"/> TC MPN <input type="checkbox"/> EC MPN <input type="checkbox"/> TC/EC MPN <input checked="" type="checkbox"/> (N/A)	

## PART B: GENERAL INFORMATION- INDIANA LABORATORY

Received by/Lab ID: <u>AL 100382</u>	Samples Received on Ice? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Date/Time Received: <u>5/25/23 13:40</u>	Date Sampled: <u>5/25/23</u>
Method of Delivery: FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Client Drop off <input type="checkbox"/> <u>ESL courier</u> <input checked="" type="checkbox"/> Other: _____	
Sample Receipt Temperature: <u>3.7</u> °C	IR Gun ID: <u>3</u>
Sample State of Collection: <u>PA</u> NY OH WV Other: _____	PWSID Compliance Drinking Water Samples: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

## PART C: Receipt Details Completed (if different from above):

AL 5/25/23  
1

Sample Receipt Criteria		Comments/Qualifiers (Required for Non-Conforming Items)
Chain of custody documents included with samples?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Comments:
COC form is properly signed in relinquished/received sections?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Comments:
Sample containers intact and sealed?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Circle Applicable: Damaged Container <input type="checkbox"/> Leaking Container <input type="checkbox"/> Custody Seal Broken <input type="checkbox"/> Other: _____
Number of containers received matches number indicated on COC?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Sample IDs and Containers Affected:
Sample IDs on COC match IDs on bottles?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Sample IDs and Containers Affected:
Date and time on COC match date and time on bottles?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Sample IDs and Containers Affected:
Samples received within holding time?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Sample IDs and Containers Affected:
Samples received at appropriate pH for analysis requested?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Sample IDs and Containers Affected and Observed pH:
Samples requiring thermal preservation within 0 ≤ 6°C? Microbiology within 0 ≤ 10°C?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	For non-WV samples outside of thermal preservation range sampled same day and received on ice are considered acceptable as long as the cooling process has begun.
Adequate sample volume received?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Analyses Affected:
VOA vials free of headspace (defined as < 6 mm bubble)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Sample IDs and Containers Affected:
Other Comments:		Deficiency Log Created: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

Effective Date: \_\_\_\_\_

GP.25.A-1 Sample Receipt Log

**SUBCONTRACT ORDER**

**Environmental Service Laboratories, Inc.**

**23E2702**

Please report all results to [reports@envlabs.com](mailto:reports@envlabs.com). Contact ESL with any questions.

**SENDING LABORATORY:**

Environmental Service Laboratories, Inc.  
1803 Philadelphia Street  
Indiana, PA 15701  
Phone: 724-463-8378  
Fax: 724-465-4209  
Project Manager: Kirsten Conoran

**RECEIVING LABORATORY:**

Suburban Water Testing Labs - Reading  
1037F MacArthur Road  
Reading, PA 19605  
Phone : (610) 375-8378  
Fax: 1610-375-4090

State of Origin: PA

Client: Moniteau School District

PWSID:

Analysis	Due	Expires	Comments
Sample ID: 23E2702-01    Sample Name: Entry Point 101			
Matrix: Drinking Water    Sampled: 05/25/2023 10:50    Sample Type: Grab    Sampled By: Paul Somogyi			
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:50	Non Reportable
<i>Containers Supplied:</i>			
Poly 250mL, Trizma (A)	Poly 250mL, Trizma (B)	Poly 250mL, Trizma (C)	

AIL 5/25/23

Released By \_\_\_\_\_ Date \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_\_

Released By \_\_\_\_\_ Date \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_\_





**Results Report**

Order ID: 3E05981

Environmental Service Laboratories, Inc. 1803 Philadelphia Street Indiana, PA 15701	Project: Moniteau Jr/Sr High School - PFAS
Attn: Kirsten Conoran	Regulatory ID:

Sample Number: 3E05981-01	Site: 23E2702-01 EP 101	Sample ID: 23E2702-01							
Collector: Paul Somogyi	Collect Date: 05/25/2023 10:50 am	Sample Type: Grab							
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By

Semivolatiles

*PFAS, 537.1*

PFOS	< 1.67	ng/L	EPA 537.1	1.67	1	06/02/23	NSD	06/06/23 5:37	RJS
PFOA	0.409	ng/L	EPA 537.1	1.81	1	06/02/23	NSD	06/06/23 5:37	RJS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	46.8	ng/L	EPA 537.1	130%	1	70-130	06/06/23 5:37
Surrogate: 13C2-PFDA	48.7	V3 ng/L	EPA 537.1	135%	1	70-130	06/06/23 5:37
Surrogate: d5-NEIFOSAA	194	V3 ng/L	EPA 537.1	134%	1	70-130	06/06/23 5:37
Surrogate: 13C3-HFPO-DA	44.8	ng/L	EPA 537.1	124%	1	70-130	06/06/23 5:37

<b>Data Qualifiers:</b>
V3      The surrogate associated with this sample was above established acceptance criteria. Data may be biased high.

<b>Sample Receipt Conditions:</b>
All samples met the sample receipt requirements for the relevant analyses.

Units P/A = Present/Absent Units P/F = Pass/Fail
---

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

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Results are considered Preliminary unless report is signed by authorized representative of STL.

Report Generated On: 06/12/2023 9:25 am      3E05981  
STL\_Results Revision #2.1      Effective: 09/01/2022





**SUBURBAN**  
TESTING LABS

**Reviewed and Released By:**

Lauren Uile  
Project Manager I

Report Generated On: 06/12/2023 9:25 am 3E05981  
STL\_Results Revision #2.1 Effective: 09/01/2022





3E05981  
Lauren Ulle

CONTRACT ORDER

Environmental Service Laboratories, Inc.

23E2702

ts@envlabs.com. Contact ESL with any questions.

SENDING LABORATORY:

Environmental Service Laboratories, Inc.  
1803 Philadelphia Street  
Indiana, PA 15701  
Phone: 724-463-8378  
Fax: 724-465-4209  
Project Manager: Kirsten Conoran

RECEIVING LABORATORY:

Suburban Water Testing Labs - Reading  
1037F MacArthur Road  
Reading, PA 19605  
Phone: (610) 375-8378  
Fax: 1610-375-4090

State of Origin: PA

Client: Moniteau School District

PWSID:

Analysis	Due	Expires	Comments
Sample ID: 23E2702-01    Sample Name: Entry Point 101			
Matrix: Drinking Water    Sampled: 05/25/2023 10:50		Sample Type: Grab	Sampled By: Paul Somogyi
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:50	Non Reportable
Containers Supplied:			
Poly 250mL, Trizma (A)	Poly 250mL, Trizma (B)	Poly 250mL, Trizma (C)	

(3) 250 mL P + trizma

free Cl = ND  
pH = 7 ± 0.5

for 5-26-23

Suburban Testing Labs

Lab Date/Time: 5/26/23 13:10    Lab Temp: 2.1 °C

Number of containers/coolers match number on COC?  Y  N

Sample labels and COC are free of discrepancies?  Y  N

All containers intact?  Y  N

Received in lab within acceptable temperature limits?  Y  N

10 ml VOA vials free of headspace?  Y  N

Relinquished by: *Am dA*

Received in lab by: *for 14:44 5-26-23*

Released By: *AKL*    Date: *5/25/23*

Received By: *[Signature]*    Date: *5-26-23*

---

Released By: *[Signature]*    Date: *5-26-23*

Received By: *Am dA*    Date: *5/26/23*

