

Moniteau School District
Maintenance Department
Dassa McKinney Elem. 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
Sharpshville, 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: 23E2704
Project: Dassa McKinney - PFAS (Non Reportable)

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101	23E2704-01	Drinking Water	05/25/2023 10:15	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
Project Manager



SAMPLE RECEIPT AND REVIEW FORM

Client: Montevu



(None)

PART A: GENERAL INFORMATION- SATELLITE LABORATORY

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? 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> <input checked="" type="checkbox"/> NY <input type="checkbox"/> OH <input type="checkbox"/> WV <input type="checkbox"/> Other: _____	PWSID Compliance Drinking Water Samples: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

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

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.
23E2704

Please report all results to 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: 23E2704-01 Sample Name: Entry Point 101 Matrix: Drinking Water Sampled: 05/25/2023 10:15 Sample Type: Grab Sampled By: Paul Somogyi PFOA/PFOS 537.1 06/06/2023 23:00 06/08/2023 10:15 Non Reportable <i>Containers Supplied:</i> Poly 250mL, Trizma (A) Poly 250mL, Trizma (B) Poly 250mL, Trizma (C)			

Released By	Date	Received By	Date
AK 5/25/23			
Released By	Date	Received By	Date





Results Report

Order ID: 3E05982

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

Sample Number: 3E05982-01	Site: 23E2704-01 EP 101	Sample ID: 23E2704-01
Collector: Paul Somogyi	Collect Date: 05/25/2023 10:15 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	< 1.65	ng/L	EPA 537.1	1.65	1	06/02/23	NSD	06/06/23 5:23	RJS
PFOA	< 1.78	ng/L	EPA 537.1	1.78	1	06/02/23	NSD	06/06/23 5:23	RJS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	34.3	ng/L	EPA 537.1	96%	1	70-130	06/06/23 5:23
Surrogate: 13C2-PFDA	35.4	ng/L	EPA 537.1	99%	1	70-130	06/06/23 5:23
Surrogate: d5-NEIFOSAA	141	ng/L	EPA 537.1	99%	1	70-130	06/06/23 5:23
Surrogate: 13C3-HFPO-DA	32.9	ng/L	EPA 537.1	92%	1	70-130	06/06/23 5:23

Sample Receipt Conditions:
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.

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.

Reviewed and Released By:

Lauren Ulle
Project Manager I

Report Generated On: 06/12/2023 9:28 am 3E05982
STL_Results Revision #2.1 Effective: 09/01/2022





3E05982
Lauren Ulte

SUBCONTRACT ORDER

ntal Service Laboratories, Inc.

23E2704

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: 23E2704-01 Sample Name: Entry Point 101			
Matrix: Drinking Water Sampled: 05/25/2023 10:15 Sample Type: Grab Sampled By: Paul Somogyi			
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:15	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
JBT
5-26-23

Suburban Testing Labs
 Lab Date/Time: 5/24/23 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
 40 ml VOA vials free of headspace? Y/N
 Relinquished by: [Signature]
 Received in lab by: JBT 14:44 5-26-23

Released By: AL 5/25/23 Date: 5/25/23
 Received By: [Signature] 5-26-23 Date: 5/26/23
 Released By: [Signature] 5-26-23 Date: 5/26/23
 Received By: [Signature] Date: 5/26/23





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 PADEP: 63-04247

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

950 West Main Street
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 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: 23E2704
Project: Dassa McKinney - PFAS (Non Reportable)

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101	23E2704-01	Drinking Water	05/25/2023 10:15	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



23E2704

Client: Montevu

(here)

PART A: GENERAL INFORMATION- SATELLITE LABORATORY

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

PART B: GENERAL INFORMATION- INDIANA LABORATORY

Received by/Lab ID: <u>AL 100382</u>	Samples Received on Ice? YES NO
Date/Time Received: <u>5/25/23 1340</u>	Date Sampled: <u>5/25/23</u>
Method of Delivery: FedEx UPS Client Drop off ESL courier Other: _____	
Sample Receipt Temperature: <u>3.7</u> °C	IR Gun ID: <u>3</u>
Sample State of Collection: PA NY OH WV Other: _____	PWSID Compliance Drinking Water Samples: YES NO

AL 5/25/23

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

Sample Receipt Criteria		Comments/Qualifiers (Required for Non-Conforming Items)
Chain of custody documents included with samples?	YES NO	Comments:
COC form is properly signed in relinquished/received sections?	YES NO	Comments:
Sample containers intact and sealed?	YES NO	Circle Applicable: Damaged Container Leaking Container Custody Seal Broken Other: _____
Number of containers received matches number indicated on COC?	YES NO	Sample IDs and Containers Affected:
Sample IDs on COC match IDs on bottles?	YES NO	Sample IDs and Containers Affected:
Date and time on COC match date and time on bottles?	YES NO	Sample IDs and Containers Affected:
Samples received within holding time?	YES NO	Sample IDs and Containers Affected:
Samples received at appropriate pH for analysis requested?	YES NO	Sample IDs and Containers Affected and Observed pH:
Samples requiring thermal preservation within 0 ≤ 6°C? Microbiology within 0 ≤ 10°C?	YES 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?	YES NO	Analyses Affected:
VOA vials free of headspace (defined as < 6 mm bubble)?	YES NO	Sample IDs and Containers Affected:
Other Comments:		Deficiency Log Created: YES NO

Effective Date:

GP.25.A-1 Sample Receipt Log

SUBCONTRACT ORDER

Environmental Service Laboratories, Inc.

23E2704

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Project Manager: Kirsten Conoran

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Fax: 1610-375-4090

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Client: Moniteau School District

PWSID:

Analysis	Due	Expires	Comments
Sample ID: 23E2704-01 Sample Name: Entry Point 101			
Matrix: Drinking Water Sampled: 05/25/2023 10:15 Sample Type: Grab Sampled By: Paul Somogyi			
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:15	Non Reportable
<i>Containers Supplied:</i>			
Poly 250mL, Trizma (A)	Poly 250mL, Trizma (B)	Poly 250mL, Trizma (C)	

AK 5/25/23

Released By _____ Date _____ Received By _____ Date _____

Released By _____ Date _____ Received By _____ Date _____





Results Report

Order ID: 3E05982

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

Sample Number: 3E05982-01	Site: 23E2704-01 EP 101	Sample ID: 23E2704-01							
Collector: Paul Somogyi	Collect Date: 05/25/2023 10:15 am	Sample Type: Grab							
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By

Semivolatiles

PFAS, 537.1

PFOS	< 1.65	ng/L	EPA 537.1	1.65	1	06/02/23	NSD	06/06/23 5:23	RJS
PFOA	< 1.78	ng/L	EPA 537.1	1.78	1	06/02/23	NSD	06/06/23 5:23	RJS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
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Surrogate: 13C2-PFDA	35.4	ng/L	EPA 537.1	99%	1	70-130	06/06/23 5:23
Surrogate: d5-NEtFOSAA	141	ng/L	EPA 537.1	99%	1	70-130	06/06/23 5:23
Surrogate: 13C3-HFPO-DA	32.9	ng/L	EPA 537.1	92%	1	70-130	06/06/23 5:23

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

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Reviewed and Released By:

Lauren Ulle
Project Manager I

Report Generated On: 06/12/2023 9:28 am 3E05982
STL_Results Revision #2.1 Effective: 09/01/2022





3E05982
Lauren Ullie

SUBCONTRACT ORDER

Environmental Service Laboratories, Inc.

23E2704

esl@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

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1037F MacArthur Road
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Phone: (610) 375-8378
Fax: 1610-375-4090

State of Origin: PA

Client: Moniteau School District

PWSID:

Analysis	Due	Expires	Comments
Sample ID: 23E2704-01 Sample Name: Entry Point 101			
Matrix: Drinking Water Sampled: 05/25/2023 10:15 Sample Type: Grab Sampled By: Paul Somogyi			
PFOA/PFOS 537.1	06/06/2023 23:00	06/08/2023 10:15	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
JOT 5-26-23

Suburban Testing Labs

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

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: [Signature]

Received in lab by: JOT 14:44 5-26-23

Released By: AK 5/25/23 Date: 5/25/23 Received By: [Signature] 5/26/23 Date: 5/26/23

Released By: [Signature] 5/26/23 Date: 5/26/23 Received By: [Signature] Date: 5/26/23

