

**Moniteau School District
Maintenance Department
Moniteau High School
Annual VOC Testing
Water Quality Test Results
August 2022**



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

17 August 2022

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

Work Order: 22H0644
Project: Drinking Water Moniteau Jr/Sr - VOC
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101 - VOCs	22H0644-01	Drinking Water	08/04/2022 11:40	8/4/22 17:30	
VOC Trip Blank	22H0644-02	Drinking Water	08/04/2022 00:00	8/4/22 17:30	

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.

Definitions

RL Reporting Limit

Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unless otherwise specified.
 Environmental Service Laboratories, Inc., Indiana, PA/TNI Certification #32-00382

Approved By

Kirsten Conoran

Kirsten Conoran
 Project Manager





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Moniteau School District
 1810 West Sunbury Road
 West Sunbury, PA 16061

Reported: 08/17/2022 11:50

Lab Sample ID#: 22H0644-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: Entry Point 101 - VOCs

Sample Date: 08/04/2022 11:40
Receipt Date: 08/04/2022 17:30

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Volatile Organics	Analytical Method: EPA524.2				Prep Method: Purge and Trap		
Vinyl chloride	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Benzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Toluene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/16/22 13:17	08/16/22 13:17
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Styrene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:17	08/16/22 13:17
Surrogate: 1,2-Dichlorobenzene-d4	94 %		70-130		MJK	08/16/22 13:17	08/16/22 13:17
Surrogate: 4-Bromofluorobenzene	88 %		70-130		MJK	08/16/22 13:17	08/16/22 13:17



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Moniteau School District
 1810 West Sunbury Road
 West Sunbury, PA 16061

Reported: 08/17/2022 11:50

Lab Sample ID#: 22H0644-02
Sample Type: Drinking Water
Sample Source: Grab
Sampler:
Client Sample ID: VOC Trip Blank

Sample Date: 08/04/2022 00:00
Receipt Date: 08/04/2022 17:30

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Volatile Organics		Analytical Method: EPA524.2			Prep Method: Purge and Trap		
Vinyl chloride	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Benzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Toluene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/16/22 13:47	08/16/22 13:47
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Styrene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/22 13:47	08/16/22 13:47
Surrogate: 1,2-Dichlorobenzene-d4	96 %		70-130		MJK	08/16/22 13:47	08/16/22 13:47
Surrogate: 4-Bromofluorobenzene	89 %		70-130		MJK	08/16/22 13:47	08/16/22 13:47

ENVIRONMENTAL SERVICE LABORATORIES, INC.

SAMPLE REQUEST & CHAIN OF CUSTODY

PAGE 1 OF 1

HEADQUARTERS
1803 Philadelphia St.
Indiana, PA 15701
(724) 463-TEST
FAX: (724) 465-4209

SOUTHERN DIVISION
1276 Bentleyville Road
Van Voorhis, PA 15386
(724) 258-TEST
FAX: (724) 258-8376

FOR INTERNAL LABORATORY USE ONLY



WEST DIVISION
Street
le, PA 16150
-TEST
FAX: (724) 465-4209

Sample Identification	ESL# <i>22H0644</i>	Composite		Date	Time	Matrix	# of Containers	Container Type <small>Preservative</small>	Analysis Requested
		Date on/off	Time on/off						
Entry Point 101	<i>01</i>			<i>8/4/22</i>	<i>1450</i>	DW	3	VOA Vial, 40 mL Ascorbic Acid + HCl	VOC
Trip Blank	<i>02</i>					DW	2	VOA Vial, 40 mL Ascorbic Acid + HCl	VOC

THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.
1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1.12% PER MONTH (18% PER ANNUM) OR THE MAXIMUM ALLOWED BY LAW.
2. THE UNDERSIGNED PURCHASER AGREES TO PAY, IN THE EVENT HIS ACCOUNT BECOMES DELINQUENT AND IS TURNED OVER TO ANY ATTORNEY FOR COLLECTION, REASONABLE ATTORNEY'S FEES PLUS ALL COURT AND ATTENDANT COLLECTION COSTS.

Sampled By: (Signature) *[Signature]* Date/ Time *8-4-22 1450*
 Relinquished By: (Signature) *[Signature]* Date/ Time *8-4-22 1450*

Received By: (Signature) *[Signature]* Date/ Time *8/4/22 1730*

Company/Name: **MONTICAU SCHOOL DISTRICT**
 Address: **391 HOOKER ROAD**
WEST SUNBURY, PA 16061
JEFFREY CAMPBELL
 Contact Person:
 Phone Number: **724-406-4426**
 Cell Phone:
 Email Address: **jcampbell@monticau.org**
 Billing Address:
 PWSID: **5100324**

Correct Preservations Y / N / NA Correct Containers Y / N / NA Receipt Temperature _____



SAMPLE RECEIPT AND REVIEW FORM

Client: <u>Mopitau School District</u>	Work Order: 22H0644
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PART A: GENERAL INFORMATION- SATELLITE LABORATORY

Received by/Lab ID: _____	Date/Time Received: <u> </u> / <u> </u> / <u> </u>
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: <u> </u> °C	IR Gun ID: _____
Containers Removed by Satellite Lab for Analysis of: <input type="checkbox"/> FECAL <input type="checkbox"/> TC/EC <input type="checkbox"/> TC MPN <input type="checkbox"/> EC MPN <input type="checkbox"/> TC/EC MPN <input type="checkbox"/> N/A	

PART B: GENERAL INFORMATION- INDIANA LABORATORY

Received by/Lab ID: <u>JK/00382</u>	Samples Received on Ice? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Date/Time Received: <u>8/4/12 1730</u>	Date Sampled: <u>8/4/12</u>
Method of Delivery: FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Client Drop off <input type="checkbox"/> <u>ESL courier</u> Other: _____	
Sample Receipt Temperature: <u>4.3</u> °C	IR Gun ID: <u>3</u>
Sample State of Collection: PA <input checked="" type="checkbox"/> NY <input type="checkbox"/> OH <input type="checkbox"/> WV <input type="checkbox"/> Other: _____	PWSID Compliance Drinking Water Samples: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

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

Sample Receipt Criteria	YES	NO	Comments/Qualifiers (Required for Non-Conforming Items)
Chain of custody documents included with samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Comments: _____
COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Comments: _____
Sample containers intact and sealed?	<input checked="" type="checkbox"/>	<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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sample IDs and Containers Affected: _____
Sample IDs on COC match IDs on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sample IDs and Containers Affected: _____
Date and time on COC match date and time on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sample IDs and Containers Affected: _____
Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sample IDs and Containers Affected: _____
Samples received at appropriate pH for analysis requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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"/>	<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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Analyses Affected: _____
VOA vials free of headspace (defined as < 6 mm bubble)?	<input checked="" type="checkbox"/>	<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: _____



E-Government Application for Drinking Water
Program
SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

5100324: MONITTEAU JR/SR HIGH SCHOOL

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
5100324	1013	FREE CHLORINE	301	0.78			081122	704		081122	D	1033	32382	22H1365-01	BROWNKA_586
5100324	1013	FREE CHLORINE	301	1.08			080422	802		080422	D	1145	32382	22H0702-01	BROWNKA_276
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0			080522	802		080422	D	1145	32382	22H0702-01	BROWNKA_277

5100324: MONITTEAU JR/SR HIGH SCHOOL

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
5100324	1040	NITRATE	120	0.0	0.10000		080622	101		080422	E	1140	32382	22H0646-01	BROWNKA_27
5100324	1041	NITRITE	120	0.0	0.10000		080622	101		080422	E	1140	32382	22H0646-01	BROWNKA_28
5100324	2378	1,2,4-TRICHLOROBEZENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1481
5100324	2380	dis-1,2-DICHLOROETHYLENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1482
5100324	2955	XYLENES (TOTAL)	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1483
5100324	2964	DICHLOROMETHANE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1484
5100324	2968	o-DICHLOROBEZENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1485
5100324	2969	PARA-DICHLOROBEZENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1486
5100324	2976	VINYL CHLORIDE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1487
5100324	2977	1,1-DICHLOROETHYLENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1488
5100324	2979	trans-1,2-DICHLOROETHYLENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1489
5100324	2980	1,2-DICHLOROETHANE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNKA_1490



E-Government Application for Drinking Water
 Program
SAFE DRINKING WATER ACT
 VIEW/EDIT RECORDS

5100324: MONTEAU JR/SR HIGH SCHOOL

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
5100324	2981	1,1,1-TRICHLOROETHANE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1491
5100324	2982	CARBON TETRACHLORIDE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1492
5100324	2983	1,2-DICHLOROPROPANE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1493
5100324	2984	TRICHLOROETHYLENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1494
5100324	2985	1,1,2-TRICHLOROETHANE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1495
5100324	2987	TETRACHLOROETHYLENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1496
5100324	2989	CHLOROBENZENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1497
5100324	2990	BENZENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1498
5100324	2991	TOLUENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1499
5100324	2992	ETHYLBENZENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1500
5100324	2996	STYRENE	221	0.0	0.00050		081622	101		080422	E	1140	32382	22H0644-01	BROWNNKA1501

