

MONITEAU SCHOOL DISTRICT

MONITEAU HIGH SCHOOL

AUGUST 2020

DRINKING WATER VOC



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

14 August 2020

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

Work Order: 0080599
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	0080599-01	Drinking Water	08/06/2020 12:50	8/6/20 15:00	
VOC Trip Blank	0080599-02	Drinking Water	08/06/2020 00:00	8/6/20 15:00	

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

Rebecca Erwin
Project Manager





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

Reported: 08/14/2020 11:30

Lab Sample ID#: 0080599-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: Entry Point 101 - VOCs

Sample Date: 08/06/2020 12:50
Receipt Date: 08/06/2020 15:00

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	08/12/20 14:14	08/12/20 14:14
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Benzene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Toluene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/12/20 14:14	08/12/20 14:14
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Styrene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 14:14	08/12/20 14:14
Surrogate: 1,2-Dichlorobenzene-d4	96 %		70-130		MJK	08/12/20 14:14	08/12/20 14:14
Surrogate: 4-Bromofluorobenzene	91 %		70-130		MJK	08/12/20 14:14	08/12/20 14:14



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 West Sunbury, PA 16061

Reported: 08/14/2020 11:30

Lab Sample ID#: 0080599-02
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: VOC Trip Blank

Sample Date: 08/06/2020 00:00
Receipt Date: 08/06/2020 15:00

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	08/12/20 16:15	08/12/20 16:15
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Benzene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Toluene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/12/20 16:15	08/12/20 16:15
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
Styrene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/12/20 16:15	08/12/20 16:15
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	99 %		70-130		MJK	08/12/20 16:15	08/12/20 16:15
<i>Surrogate: 4-Bromofluorobenzene</i>	97 %		70-130		MJK	08/12/20 16:15	08/12/20 16:15

SAMPLE REQUEST & CHAIN OF CUSTODY

ENVIRONMENTAL SERVICE LABORATORIES, INC.

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

SOUTHERN DIVISION
1276 Bentleyville Road
Van Voorhis, PA 15366
(724) 258-TEST
FAX: (724) 258-8376

NORTHERN DIVISION
Main Street
Pittsburgh, PA 15150
(724) 463-TEST
FAX: (724) 465-4209

0080599

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Sample Type			Matrix	# of Containers	Container Type <small>Preservative</small>	Analysis Requi
		Composite	Grab	Time				
		Date on/off	Time on/off	Date	Time			
Entry Point 101	0101			8/6/20	1:50	3 ✓	VOA Vial, 40 mL Ascorbic Acid + HCl	VOC
Trip Blank	0101					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 1/2% 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.

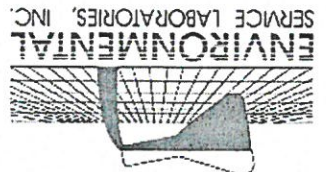
Drinking Water Moniteau Jr/s

Sampled By: (Signature) *[Signature]* Date/ Time 8/6/20 1:50

Relinquished By: (Signature) *[Signature]* Date/ Time 8/6/20 1:45

Received By: (Signature) *[Signature]* Date/ Time 8/6/20 15:00

Company/Name: **MONITEAU SCHOC**
 Address: **391 HOOKER ROAD**
WEST SUNBURY, PA 17159
 Contact Person: **JEFFREY CAMPBELL**
 Phone Number: **724-406-4426**
 Cell Phone: **724-406-4426**



SAMPLE RECEIPT AND REVIEW FORM

PART A: General Information

Client: <u>Nonken</u>		Work Order: <u>0080599</u>	
Received by: <u>JMD</u>		Date/Time Received: <u>8/9/20 15:00</u>	
Method of Delivery: <u>UPS</u>		Date Sampled: <u>8/6/20</u>	
Sample Receipt Temp: <u>3.0</u>		Samples Received on Ice: <u>YES</u>	
IR Gun # Used: <u>1 2 3</u>		Samples Received on Ice: <u>YES</u>	
Samples Removed by Satellite Lab Division: <u>Southern(BV) Northwest(NW) Northern(WP)</u>		Containers removed by <u>TCMPN</u> <u>Fecal Coliform</u> <u>TC/EC</u>	
Sample State of Collection: <u>PA</u> <u>NY</u> <u>OH</u> <u>WV</u> Other: _____		PWSD COMPLIANCE DRINKING WATER SAMPLES: <u>YES</u> <u>NO</u>	

PART B: Receipt Details

Completed (if different from above): _____

Signature _____
Date / /
Time _____

Sample Receipt Criteria		Comments/Qualifiers (Required for Non-Conforming Items)		Deficiency Log Required
1	Chain of custody documents included with samples?	Yes	N/A	Comments: YES NO
2	COC form is properly signed in relinquished/received sections?	Yes	N/A	Comments: YES NO
3	Sample containers intact and sealed?	Yes	N/A	Circle Applicable: Damaged container Leaking container Custody Seal Broken Other: YES NO
4	Number of containers received match number indicated on COC?	Yes	N/A	Sample ID's affected: YES NO
5	Sample ID's on COC match ID's on bottles?	Yes	N/A	Sample ID's and containers affected: YES NO
6	Date and time on COC match date and time on bottles?	Yes	N/A	Sample ID's affected: YES NO
7	Samples received within holding time?	Yes	N/A	ID's and tests affected: YES NO
8	Samples received at appropriate pH for analysis requested?	Yes	N/A	Sample ID's, containers affected and observed pH: YES NO
9	Samples requiring thermal preservation within 0 ≤ 6°C? Microbiology within 0 ≤ 10°C?	Yes	N/A	For non-WV samples outside of thermal preservation range sampled same day and received on ice are considered acceptable condition as the cooling process has begun. YES NO
11	Adequate sample volume received?	Yes	N/A	Analyses Affected: YES NO
10	VOA vials free of headspace (defined as < 6mm bubble)?	Yes	N/A	Sample ID's and containers affected: YES NO
Other Comments: <u>8/9/20</u>				
Deficiency Log Created: <u>NO</u> YES				

5100324: MONITEAU JR/SR HIGH SCHOOL

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	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	0.53	080620	802		080620	D	1250	32382	0080615-01	BROWNKA_80
5100324	1013	FREE CHLORINE	301	1.0	081320	802		081320	D	1200	32382	0081232-01	BROWNKA_627
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0	080720	802		080620	D	1250	32382	0080615-01	BROWNKA_81

5100324: MONITEAU 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	1040	NITRATE	120	0.0	0.10000		080820	101		080620	E	1250	32382	0080600-01	BROWNKA_261
5100324	1041	NITRITE	120	0.0	0.10000		080820	101		080620	E	1250	32382	0080600-01	BROWNKA_262
5100324	2378	1,2,4-TRICHLOROBENZE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_692
5100324	2380	cis-1,2-DICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_694
5100324	2955	XYLENES (TOTAL)	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_696
5100324	2964	DICHLOROMETHANE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_698
5100324	2968	o-DICHLOROBENZENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_700
5100324	2969	PARA-DICHLOROBENZENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_702
5100324	2976	VINYL CHLORIDE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_704
5100324	2977	1,1-DICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_706
5100324	2979	trans-1,2-DICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_708
5100324	2980	1,2-DICHLOROETHANE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA_710

**5100324: MONITEAU 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		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 712
5100324	2982	CARBON TETRACHLORIDE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 714
5100324	2983	1,2-DICHLOROPROPANE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 716
5100324	2984	TRICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 718
5100324	2985	1,1,2-TRICHLOROETHANE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 720
5100324	2987	TETRACHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 722
5100324	2989	CHLOROBENZENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 724
5100324	2990	BENZENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 726
5100324	2991	TOLUENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 728
5100324	2992	ETHYLBENZENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 730
5100324	2996	STYRENE	221	0.0	0.00050		081220	101		080620	E	1250	32382	0080599-01	BROWNKA 732