

**Moniteau School District
Maintenance Department
Moniteau High School
Water Treatment Plant
Annual V.O.C Test Results
August 2019**



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

20 August 2019

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

Work Order: 9081170
Project: Moniteau Jr/Sr DW - VOCs
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101	9081170-01	Drinking Water	08/12/2019 10:20	8/12/19 17:30	
Trip Blank	9081170-02	Drinking Water	08/12/2019 00:00	8/12/19 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

Rebecca Erwin
 Project Manager





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

Reported: 08/20/2019 11:26

Lab Sample ID#: 9081170-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: paul Somogyi
Client Sample ID: Entry Point 101

Sample Date: 08/12/2019 10:20
Receipt Date: 08/12/2019 17:30

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
General Chemistry		Analytical Method: SM4500-NO2 B-00		Prep Method: No Prep - WetChem			
Nitrite	<0.005	mg/L		0.005	ABM	08/13/19 10:49	08/13/19 15:33
General Chemistry		Analytical Method: SM4500-NO3 D-00		Prep Method: No Prep - WetChem			
Nitrate	<1.40	mg/L		1.40	ABM	08/13/19 10:46	08/13/19 15:36
Volatile Organics		Analytical Method: EPA524.2		Prep Method: Purge and Trap			
Vinyl chloride	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Toluene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/16/19 13:27	08/16/19 13:27
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Styrene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:27	08/16/19 13:27
Surrogate: 1,2-Dichlorobenzene-d4	101 %		70-130		MJK	08/16/19 13:27	08/16/19 13:27
Surrogate: 4-Bromofluorobenzene	94 %		70-130		MJK	08/16/19 13:27	08/16/19 13:27



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 West Sunbury, PA 16061

Reported: 08/20/2019 11:26

Lab Sample ID#: 9081170-02
Sample Type: Drinking Water
Sample Source: Grab
Sampler: paul Somogyi
Client Sample ID: Trip Blank

Sample Date: 08/12/2019 00:00
Receipt Date: 08/12/2019 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	08/16/19 13:56	08/16/19 13:56
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Toluene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
m,p-Xylenes	<0.001100	mg/L		0.001100	MJK	08/16/19 13:56	08/16/19 13:56
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Styrene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 13:56	08/16/19 13:56
Surrogate: 1,2-Dichlorobenzene-d4	103 %		70-130		MJK	08/16/19 13:56	08/16/19 13:56
Surrogate: 4-Bromofluorobenzene	94 %		70-130		MJK	08/16/19 13:56	08/16/19 13:56

SAMPLE REQUEST & CHAIN OF CUSTODY

PAGE _____ OF _____



1803 Philadelphia St.
Indiana, PA 15701
P: 724-463-TEST
F: 724-465-4209

1276 Bentley
Van Voorhis
P: 724-258-7
F: 724-258-4



9081170

Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type Preservative	Analysis Requested
		Date	Grab Time				
Entry Point 101	9081170	8/24/09	10:00	DW	1	Poly 1000mL None	Nitrate, Nitrite
				DW	3	40mL VOA Vial Ascorbic Acid + HCl	VOC
<p><i>m 2.513</i></p>							
Trip Blank	02			DW	2	40mL VOA Vial Ascorbic Acid + HCl	VOC
<p>THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.</p> <p>1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW.)</p> <p>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.</p>							
Sampled By: (Signature) <i>[Signature]</i> Date/ Time: 8/27/09 10:00		Received By: (Signature) <i>[Signature]</i> Date/ Time: 8/27/09 17:30		PWSID: 5100324 Jr-Sr High			
Relinquished By: (Signature) <i>[Signature]</i> Date/ Time:		Received By: (Signature) <i>[Signature]</i> Date/ Time:		Company/Name: MONITEAU SCHOOL DISTRICT Address: 1810 WEST SUNBURY ROAD WEST SUNBURY, PA 16061 Contact Person: JEFFREY CAMPBELL Phone Number: 724-406-4426 Cell Phone: icampbell@moniteau.k12.pa.us Email Address: icampbell@moniteau.k12.pa.us Billing Address:			
Relinquished By: (Signature) <i>[Signature]</i> Date/ Time:		Received By: (Signature) <i>[Signature]</i> Date/ Time:		Correct Preservations <input checked="" type="checkbox"/> / N / NA Correct Containers <input checked="" type="checkbox"/> / N / NA Receipt Temperature <i>2.513</i>			



SAMPLE RECEIPT AND REVIEW FORM

9081170

PART A: General Information

Client: <u>Monitow Tr/SC</u>		Work Order: _____	
Received by: <u>JDM</u>		Date/Time Received: <u>8/12/19 1730</u>	Date Sampled: <u>8/12/19</u>
Method of Delivery: FedEx UPS Client Drop off <u>ESL courier</u> Other: _____			
Sample Receipt Temp: <u>2.5</u>		Samples Received on Ice: <input checked="" type="checkbox"/> YES NO	
IR Gun # Used: 1 2 <u>(3)</u> 4			
Samples Removed by Satellite Lab Division: Southern(BV) NorthWest(NW) Northern(WP)		Containers removed by Satellite Lab for analysis of: TCMPN Fecal Coliform TC/EC ECMPN	
Sample State of Collection: <input checked="" type="checkbox"/> PA NY OH WV Other: _____		PWSID COMPLIANCE DRINKING WATER SAMPLES: <input checked="" type="checkbox"/> YES NO	

PART B: Receipt Details

Completed (if different from above): _____ / / _____
Signature Date Time

Sample Receipt Criteria	Yes	No	N/A	Comments/Qualifiers (Required for Non-Conforming Items)	Deficiency Log Required
1 Chain of custody documents included with samples?	Yes	No	N/A	Comments:	YES NO
2 COC form is properly signed in relinquished/received sections?	Yes	No	N/A	Comments:	YES NO
3 Sample containers intact and sealed?	Yes	No	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	No	N/A	Sample ID's affected:	YES NO
Sample ID's on COC match ID's on bottles?	Yes	No	N/A	Sample ID's and containers affected:	YES NO
and time on COC match date on bottles?	Yes	No	N/A	Sample ID's affected:	YES NO
received within holding	Yes	No	N/A	ID's and tests affected:	YES NO
ed at appropriate pH tested?	Yes	No	N/A	Sample ID's, containers affected and observed pH:	YES NO
thermal < 6°C? > 10°C?	Yes	No	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
received?	Yes	No	N/A	Analyses Affected:	YES NO
	Yes	No	N/A	Sample ID's and containers affected:	YES NO
					Deficiency Log Created: Yes No

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	1000	TOTAL CHLORINE	301	0.48	080119	802		080119	D	1330	32382	9080156-01	BROWNKA_90
5100324	1000	TOTAL CHLORINE	301	0.49	080819	802		080819	D	1125	32382	9080955-01	BROWNKA_506
5100324	1013	FREE CHLORINE	301	0.45	080119	802		080119	D	1330	32382	9080156-01	BROWNKA_91
5100324	1013	FREE CHLORINE	301	0.37	080819	802		080819	D	1125	32382	9080955-01	BROWNKA_508
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0	080219	802		080119	D	1330	32382	9080156-01	BROWNKA_92
5100324	1000	TOTAL CHLORINE	301	0.54	081519	803		081519	D	1235	32382	9081696-01	BROWNKA_861

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	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
5100324	1040	NITRATE	122	0.0	1.4		081319	101	081219	E	1020	32382	9081170-01	BROWNKA_751
5100324	1041	NITRITE	168	0.0	0.0050		081319	101	081219	E	1020	32382	9081170-01	BROWNKA_753
5100324	2378	1,2,4-TRICHLOROBENZE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1314
5100324	2380	cis-1,2-DICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1317
5100324	2955	XYLENES (TOTAL)	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1320
5100324	2964	DICHLOROMETHANE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1323
5100324	2968	o-DICHLOROBENZENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1326
5100324	2969	PARA-DICHLOROBENZENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1329
5100324	2976	VINYL CHLORIDE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1332

**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	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
5100324	2977	1,1-DICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1335
5100324	2979	trans-1,2-DICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1338
5100324	2980	1,2-DICHLOROETHANE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1341
5100324	2981	1,1,1-TRICHLOROETHANE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1344
5100324	2982	CARBON TETRACHLORIDE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1347
5100324	2983	1,2-DICHLOROPROPANE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1350
5100324	2984	TRICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1353
5100324	2985	1,1,2-TRICHLOROETHANE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1356
5100324	2987	TETRACHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1359
5100324	2989	CHLOROBENZENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1362
5100324	2990	BENZENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1365
5100324	2991	TOLUENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1368
5100324	2992	ETHYLBENZENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1371
5100324	2996	STYRENE	221	0.0	5.0E-4		081619	101	081219	E	1020	32382	9081170-01	BROWNKA_1374