

**Moniteau School District
Maintenance Department
Dassa McKinney
Elementary 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: 9081169
Project: Drinking Water - VOCs
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101	9081169-01	Drinking Water	08/12/2019 09:55	8/12/19 17:30	
Trip Blank	9081169-02	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#: 9081169-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: Entry Point 101

Sample Date: 08/12/2019 09:55
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 12:28	08/16/19 12:28
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Toluene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/16/19 12:28	08/16/19 12:28
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Styrene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:28	08/16/19 12:28
Surrogate: 1,2-Dichlorobenzene-d4	102 %		70-130		MJK	08/16/19 12:28	08/16/19 12:28
Surrogate: 4-Bromofluorobenzene	97 %		70-130		MJK	08/16/19 12:28	08/16/19 12:28



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

Reported: 08/20/2019 11:26

Lab Sample ID#: 9081169-02
Sample Type: Drinking Water
Sample Source: Trip Blank
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 12:57	08/16/19 12:57
1,1-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Methylene Chloride	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
trans-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
cis-1,2-Dichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,1,1-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Carbon Tetrachloride	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,2-Dichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Trichloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,2-Dichloropropane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Toluene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,1,2-Trichloroethane	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Tetrachloroethene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Chlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Ethyl Benzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
m,p-Xylenes	<0.00100	mg/L		0.00100	MJK	08/16/19 12:57	08/16/19 12:57
o-Xylene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Total Xylenes	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Styrene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,4-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,2-Dichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
1,2,4-Trichlorobenzene	<0.000500	mg/L		0.000500	MJK	08/16/19 12:57	08/16/19 12:57
Surrogate: 1,2-Dichlorobenzene-d4	100 %		70-130		MJK	08/16/19 12:57	08/16/19 12:57
Surrogate: 4-Bromofluorobenzene	92 %		70-130		MJK	08/16/19 12:57	08/16/19 12:57

SAMPLE REQUEST & CHAIN OF CUSTODY

PAGE _____ OF _____



9081169

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



Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type Preservative	Analysis Requested	
		Date	Time					
Entry Point 101	9081169	8-12-19	0955	DW	1 ✓	Poly 1000mL None	Nitrate, Nitrite	
	01			DW	3 ✓	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 1.12% 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>								
Trip Blank				DW	2	40mL VOA Vial Ascorbic Acid + HCl	VOC	
Notes/Special Instructions:								
PWSID: 5100316 DASSA MCKINNEY ELEMENTARY								
Company/Name: Address: Contact Person: Phone Number: Cell Phone: Email Address: Billing Address:		MONITEAU SCHOOL DISTRICT 391 HOOKER ROAD WEST SUNBURY, PA 16061 JEFFREY CAMPBELL 724-406-4426 jcampbell@moniteau.k12.pa.us						
Sampled By: (Signature) Date/ Time	8-12-19 0955 Date/ Time	Received By: (Signature) Date/ Time	[Signature] 8/12/19 17:20 Date/ Time					
Relinquished By: (Signature) Date/ Time	8-12-19 1600 Date/ Time	Received By: (Signature) Date/ Time	[Signature] Date/ Time					
Relinquished By: (Signature) Date/ Time	Date/ Time	Received By: (Signature) Date/ Time	Date/ Time					
Relinquished By: (Signature) Date/ Time	Date/ Time	Received By: (Signature) Date/ Time	Date/ Time					
Correct Preservations <input checked="" type="checkbox"/> / N / NA	Correct Containers <input checked="" type="checkbox"/> / N / NA	Receipt Temperature <u>2.5°C</u>						



SAMPLE RECEIPT AND REVIEW FORM

PART A: General Information

Client: <u>Monteau Elementary</u>		Work Order: _____	
Received by: <u>JOM</u>		Date/Time Received: <u>8/12/19 1730</u>	
Method of Delivery: <u>UPS</u>		Date Sampled: <u>8/12/19</u>	
Sample Receipt Temp: <u>2.5</u>		Samples Received on Ice: <u>YES</u>	
IR Gun # Used: <u>1 2 3 4</u>		Samples Received on Ice: <u>YES</u>	
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	
Sample State of Collection: <u>PA</u> NY OH WV Other: _____		PWSD COMPLIANCE DRINKING WATER SAMPLES: <u>YES</u> NO	

PART B: Receipt Details

Completed (if different from above): _____

Signature _____ Date / / Time _____

Sample Receipt Criteria	Yes	No	N/A	Comments	Deficiency Log Required
Chain of custody documents included with samples?	Yes	No	N/A	Comments:	YES NO
COC form is properly signed in relinquished/received sections?	Yes	No	N/A	Comments:	YES NO
Sample containers intact and sealed?	Yes	No	N/A	Circle Applicable: Damaged container Leaking container Custody Seal Broken Other:	YES NO
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
Date and time on COC match date and time on bottles?	Yes	No	N/A	Sample ID's affected:	YES NO
Samples received within holding time?	Yes	No	N/A	ID's and tests affected:	YES NO
Samples received at appropriate pH for analysis requested?	Yes	No	N/A	Sample ID's, containers affected and observed pH:	YES NO
Samples requiring thermal preservation within 0 ≤ 6°C? Microbiology within 0 ≤ 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
Adequate sample volume received?	Yes	No	N/A	Analyses Affected:	YES NO
VOA vials free of headspace (defined as > 6mm bubble)?	Yes	No	N/A	Sample ID's and containers affected:	YES NO

Other Comments:

Deficiency Log Created: YES NO

5100316: DASSA MCKINNEY ELEM 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
5100316	1000	TOTAL CHLORINE	301	0.57	080119	802		080119	D	1308	32382	9080155-01	BROWNKA_85
5100316	1000	TOTAL CHLORINE	301	0.42	080819	802		080819	D	1050	32382	9080958-01	BROWNKA_505
5100316	1013	FREE CHLORINE	301	0.56	080119	802		080119	D	1308	32382	9080155-01	BROWNKA_86
5100316	1013	FREE CHLORINE	301	0.3	080819	802		080819	D	1050	32382	9080958-01	BROWNKA_507
5100316	1013	FREE CHLORINE	301	0.55	081519	802		081519	D	1220	32382	9081663-01	BROWNKA_860
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	080219	802		080119	D	1308	32382	9080155-01	BROWNKA_87

5100316: DASSA MCKINNEY ELEM 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
5100316	1040	NITRATE	122	0.0	1.4		081319	101	081219	E	0955	32382	9081169-01	BROWNKA_750
5100316	1041	NITRITE	168	0.0	0.0050		081319	101	081219	E	0955	32382	9081169-01	BROWNKA_752
5100316	2378	1,2,4-TRICHLOROBENZE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1313
5100316	2380	cis-1,2-DICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1316
5100316	2955	XYLENES (TOTAL)	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1319
5100316	2964	DICHLOROMETHANE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1322
5100316	2968	o-DICHLOROBENZENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1325
5100316	2969	PARA-DICHLOROBENZENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1328
5100316	2976	VINYL CHLORIDE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1331

**5100316: DASSA MCKINNEY ELEM 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
5100316	2977	1,1-DICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1334
5100316	2979	trans-1,2-DICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1337
5100316	2980	1,2-DICHLOROETHANE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1340
5100316	2981	1,1,1-TRICHLOROETHANE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1343
5100316	2982	CARBON TETRACHLORIDE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1346
5100316	2983	1,2-DICHLOROPROPANE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1349
5100316	2984	TRICHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1352
5100316	2985	1,1,2-TRICHLOROETHANE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1355
5100316	2987	TETRACHLOROETHYLENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1358
5100316	2989	CHLOROBENZENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1361
5100316	2990	BENZENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1364
5100316	2991	TOLUENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1367
5100316	2992	ETHYL BENZENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1370
5100316	2996	STYRENE	221	0.0	5.0E-4		081619	101	081219	E	0955	32382	9081169-01	BROWNKA_1373