

Moniteau School District
Dassa McKinney
Elementary School
Water Treatment Facility
Quarterly TTHM & HAA5
Testing Report for February
2020



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

24 February 2020

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

Work Order: 0020703
Project: Drinking Water Dassa McKinney - TTHM/HAA5
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Distribution 703 - TTHM/HAA5	0020703-01	Drinking Water	02/10/2020 08:30	2/10/20 15:30	
Distribution 704 - TTHM/HAA5	0020703-02	Drinking Water	02/10/2020 08:15	2/10/20 15:30	

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: 02/24/2020 17:41

Lab Sample ID#: 0020703-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Client
Client Sample ID: Distribution 703 - TTHM/HAA5

Sample Date: 02/10/2020 08:30
Receipt Date: 02/10/2020 15:30

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		
Chloroform	0.00970	mg/L		0.00100	MJK	02/12/20 14:23	02/12/20 14:23
Bromodichloromethane	0.00464	mg/L		0.00100	MJK	02/12/20 14:23	02/12/20 14:23
Dibromochloromethane	0.00158	mg/L		0.00100	MJK	02/12/20 14:23	02/12/20 14:23
Bromoform	<0.00100	mg/L		0.00100	MJK	02/12/20 14:23	02/12/20 14:23
Total Trihalomethanes	0.0159	mg/L		0.00100	MJK	02/12/20 14:23	02/12/20 14:23
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	92 %		70-130		MJK	02/12/20 14:23	02/12/20 14:23
<i>Surrogate: 4-Bromofluorobenzene</i>	90 %		70-130		MJK	02/12/20 14:23	02/12/20 14:23
Organics		Analytical Method: EPA552.3			Prep Method: Micro Liquid-Liquid Extra		
Monochloroacetic Acid	0.00103	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 16:16
Monobromoacetic Acid	<0.00100	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 16:16
Dichloroacetic Acid	0.00327	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 16:16
Trichloroacetic Acid	0.00156	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 16:16
Dibromoacetic Acid	<0.00100	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 16:16
Total Haloacetic Acids	0.00586	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 16:16
<i>Surrogate: 2-Bromobutanoic acid</i>	106 %		70-130		MJK	02/15/20 14:45	02/19/20 16:16



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West Sunbury, PA 16061

Reported: 02/24/2020 17:41

Lab Sample ID#: 0020703-02
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Client
Client Sample ID: Distribution 704 - TTHM/HAA5

Sample Date: 02/10/2020 08:15
Receipt Date: 02/10/2020 15:30

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		
Chloroform	0.0102	mg/L		0.00100	MJK	02/12/20 14:53	02/12/20 14:53
Bromodichloromethane	0.00484	mg/L		0.00100	MJK	02/12/20 14:53	02/12/20 14:53
Dibromochloromethane	0.00164	mg/L		0.00100	MJK	02/12/20 14:53	02/12/20 14:53
Bromoform	<0.00100	mg/L		0.00100	MJK	02/12/20 14:53	02/12/20 14:53
Total Trihalomethanes	0.0166	mg/L		0.00100	MJK	02/12/20 14:53	02/12/20 14:53
Surrogate: 1,2-Dichlorobenzene-d4	94 %		70-130		MJK	02/12/20 14:53	02/12/20 14:53
Surrogate: 4-Bromofluorobenzene	92 %		70-130		MJK	02/12/20 14:53	02/12/20 14:53
Organics		Analytical Method: EPA552.3			Prep Method: Micro Liquid-Liquid Extra		
Monochloroacetic Acid	0.00103	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 17:14
Monobromoacetic Acid	<0.00100	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 17:14
Dichloroacetic Acid	0.00317	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 17:14
Trichloroacetic Acid	0.00162	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 17:14
Dibromoacetic Acid	<0.00100	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 17:14
Total Haloacetic Acids	0.00582	mg/L		0.00100	MJK	02/15/20 14:45	02/19/20 17:14
Surrogate: 2-Bromobutanoic acid	102 %		70-130		MJK	02/15/20 14:45	02/19/20 17:14

**ENVIRONMENTAL SERVICE
LABORATORIES, INC.**

HEADQUARTER
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

WEST DIVISION
in Street
ille, PA, 16
3-TEST
(24) 465-4209



FOR INTERNAL LAB

SAMPLE REQUEST & CHAIN OF CUSTODY

SE 1 OF 1

Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type Preservative	Analysis Requested
		Date	Time				
Distribution 703 Boy's Bathroom By Office	0020703	2/10/20	08:30	DW	1	250mL Amber Glass NH4Cl	HAA5
Distribution 704 Kitchen Sink	20	2/10/20	08:15	DW	4	40mL VOA Vial Ascorbic Acid + HCl	TTHM
				DW	1	250mL Amber Glass NH4Cl	HAA5
				DW	4	40mL VOA Vial Ascorbic Acid + HCl	TTHM

Notes/Special Instructions: **Drinking Water Dassa McKinney - TTHM/HAA5**

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.

Sampled By: (Signature) *[Signature]* Date/ Time 2/10/20 08:30

Relinquished By: (Signature) *[Signature]* Date/ Time 2/10/20 09:05

Relinquished By: (Signature) *[Signature]* Date/ Time 2/10/20 15:30

Relinquished By: (Signature) *[Signature]* Date/ Time 2/10/20 15:30

Relinquished By: (Signature) *[Signature]* Date/ Time 2/10/20 15:30

Company/Name: **MONITEAU SCHOOL DISTRICT**

Address: **391 HOOKER ROAD
WEST SUNBURY, PA 16061
JEFFREY CAMPBELL**

Contact Person: **JEFFREY CAMPBELL**

Phone Number: **724-406-4426**

Cell Phone: **jcampbell@moniteau.k12.pa.us**

Email Address: **724-406-4426**

Billing Address: **5100316**

PWSID: **5100316**

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



SAMPLE RECEIPT AND REVIEW FORM

PART A: General Information



Client: <u>Monitex</u>		Work Ord: <u>0020703</u>	
Received by: <u>JRD</u>	Date/Time Received: <u>3/10/20 15:30</u>	Date Sampled: <u>3/10/20</u>	
Method of Delivery: FedEx UPS Client Drop off <u>EST courier</u> Other: _____			
Sample Receipt Temp: <u>4.7</u>		Samples Received on Ice: <input checked="" type="checkbox"/> YES NO	
IR Gun # Used: 1 2 3 <u>(4)</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 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					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
5	Sample ID's on COC match ID's on bottles?	Yes	No	N/A	Sample ID's and containers affected:	YES NO
6	Date and time on COC match date and time on bottles?	Yes	No	N/A	Sample ID's affected:	YES NO
7	Samples received within holding time?	Yes	No	N/A	ID's and tests affected:	YES NO
8	Samples received at appropriate pH for analysis requested?	Yes	No	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	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
11	Adequate sample volume received?	Yes	No	N/A	Analyses Affected:	YES NO
10	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 <input checked="" type="checkbox"/> 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	2450	MONOCHLOROACETIC ACID	206	0.00103	021920	703		021020	D	0830	32382	0020703-01	BROWNKA_853
5100316	2451	DICHLOROACETIC ACID	206	0.00327	021920	703		021020	D	0830	32382	0020703-01	BROWNKA_856
5100316	2452	TRICHLOROACETIC ACID	206	0.00156	021920	703		021020	D	0830	32382	0020703-01	BROWNKA_857
5100316	2453	MONOBROMOACETIC ACID	206	0.0	021920	703		021020	D	0830	32382	0020703-01	BROWNKA_859
5100316	2454	DIBROMOACETIC ACID	206	0.0	021920	703		021020	D	0830	32382	0020703-01	BROWNKA_861
5100316	2456	HALOACETIC ACIDS (FIVE)	206	0.00586	021920	703		021020	D	0830	32382	0020703-01	BROWNKA_864
5100316	2941	CHLOROFORM (THM)	221	0.0097	021220	703		021020	D	0830	32382	0020703-01	BROWNKA_865
5100316	2942	BROMOFORM (THM)	221	0.0	021220	703		021020	D	0830	32382	0020703-01	BROWNKA_867
5100316	2943	BROMODICHLOROMETHANE (THM)	221	0.00464	021220	703		021020	D	0830	32382	0020703-01	BROWNKA_869
5100316	2944	CHLORODIBROMOMETHANE (THM)	221	0.00158	021220	703		021020	D	0830	32382	0020703-01	BROWNKA_871
5100316	2950	TRICHLOROMETHANES	221	0.0159	021220	703		021020	D	0830	32382	0020703-01	BROWNKA_873
5100316	2450	MONOCHLOROACETIC ACID	206	0.00103	021920	704		021020	D	0815	32382	0020703-02	BROWNKA_854
5100316	2451	DICHLOROACETIC ACID	206	0.00317	021920	704		021020	D	0815	32382	0020703-02	BROWNKA_855
5100316	2452	TRICHLOROACETIC ACID	206	0.00162	021920	704		021020	D	0815	32382	0020703-02	BROWNKA_858
5100316	2453	MONOBROMOACETIC ACID	206	0.0	021920	704		021020	D	0815	32382	0020703-02	BROWNKA_860
5100316	2454	DIBROMOACETIC ACID	206	0.0	021920	704		021020	D	0815	32382	0020703-02	BROWNKA_862
5100316	2456	HALOACETIC ACIDS (FIVE)	206	0.00582	021920	704		021020	D	0815	32382	0020703-02	BROWNKA_863
5100316	2941	CHLOROFORM (THM)	221	0.0102	021220	704		021020	D	0815	32382	0020703-02	BROWNKA_866
5100316	2942	BROMOFORM (THM)	221	0.0	021220	704		021020	D	0815	32382	0020703-02	BROWNKA_868

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

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	2943	BROMODICHLOROMETHANE (THM)	221	0.00484	021220	704		021020	D	0815	32382	0020703-02	BROWNKA_870
5100316	2944	CHLORODIBROMOMETHANE (THM)	221	0.00164	021220	704		021020	D	0815	32382	0020703-02	BROWNKA_872
5100316	2950	TRihalOMETHANES	221	0.0166	021220	704		021020	D	0815	32382	0020703-02	BROWNKA_874
5100316	1013	FREE CHLORINE	301	0.7	020620	801		020620	D	1245	32382	0020557-01	BROWNKA_48
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	020720	801		020620	D	1245	32382	0020557-01	BROWNKA_49
5100316	1013	FREE CHLORINE	301	0.68	021320	802		021320	D	1250	32382	0021202-01	BROWNKA_417