

**Moniteau School District
Dassa McKinney Elementary
School**

TTHM / HAA5

Report for May 2020

Dassa McKinney Elementary School Water Treatment Facility											
Month	Date	Day	PH	Iron	Cl2 Free	Cl2 Total	Hardness	Meter Reading	Operator	Time	Notes
	1	Fri.	7.8	0.04	0.50	0.56	1.78	11944000	Jeff R.	1:30P	300
	2	Sat.									
	3	Sun									
	4	Mon									
	5	Tues		Drained Tank				11944100			
	6	Wed.	7.9	0.02	0.23	0.28	1.35	11950000	Jeff R.	11:00A	5900
	7	Thurs.	7.9	0.03	0.22	0.27	1.67	11952400	Jeff R.	2:30P	2400
	8	Fri.	7.8	0.04	0.35	0.41	1.52	11952500	Jeff R.	2:30P	100
	9	Sat.	7.9	0.03	0.43	0.52	2.15	11952600	Jeff R.	1:30P	100
	10	Sun									
	11	Mon	7.8	0.02	0.52	0.59	1.82	11952900	Jeff R.	2:00P	300
	12	Tues	7.8	0.04	0.43	0.48	2.26	11953100	Jeff R.	2:00P	200
	13	Wed.	7.9	0.03	0.44	0.50	2.15	11953200	Jeff R.	2:30P	100
	14	Thurs	7.9	0.05	0.71	0.76	2.28	11953800	Jeff R.	2:30P	600
	15	Fri			Vacation						
	16	Sat									
	17	Sun									
	18	Mon									
	19	Tues	8.0	0.05	0.41	0.42	2.28	11954200			400
	20	Wed	7.9	0.03	0.90	0.96	1.88	11955100	Jeff R.	2:30P	900
	21	Thurs.	7.9	0.02	0.90	0.96	1.72	11955200	Jeff R.	2:00P	100
	22	Fri	7.9	0.05	0.93	1.01	2.29	11955800	Jeff R.	2:30P	600
	23	Sat.						11956200	Jeff R.	2:30P	400
	24	Sun									
	25	Mon									
	26	Tues	7.8	0.06	0.55	0.63	2.02	11956500	Jeff R.	2:30P	300
	27	Wed	7.9	0.05	0.53	0.60	2.17	11956700	Jeff R.	2:50P	200
	28	Thurs	7.9	0.04	0.51	0.59	2.26	11957200	Jeff R.	2:00P	500
	29	Fri	7.9	0.05	0.50	0.59	2.19	11957500	Jeff R.	12:30P	300
	30	Sat									
	31	Sun									

Meter Reading on 4/30/20 - 11943700



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 May 2020

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

Work Order: 0050482
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	0050482-01	Drinking Water	05/07/2020 12:35	5/7/20 15:00	
Distribution 704 - TTHM/HAA5	0050482-02	Drinking Water	05/07/2020 12:25	5/7/20 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

Rebecca Erwin
Project Manager





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

Reported: 05/14/2020 13:21

Lab Sample ID#: 0050482-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: paul Somogyi
Client Sample ID: Distribution 703 - TTHM/HAA5

Sample Date: 05/07/2020 12:35
Receipt Date: 05/07/2020 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		
Chloroform	0.00789	mg/L		0.00100	MJK	05/13/20 11:34	05/13/20 11:34
Bromodichloromethane	0.00413	mg/L		0.00100	MJK	05/13/20 11:34	05/13/20 11:34
Dibromochloromethane	0.00141	mg/L		0.00100	MJK	05/13/20 11:34	05/13/20 11:34
Bromoform	<0.00100	mg/L		0.00100	MJK	05/13/20 11:34	05/13/20 11:34
Total Trihalomethanes	0.0134	mg/L		0.00100	MJK	05/13/20 11:34	05/13/20 11:34
Surrogate: 1,2-Dichlorobenzene-d4	96 %		70-130		MJK	05/13/20 11:34	05/13/20 11:34
Surrogate: 4-Bromofluorobenzene	92 %		70-130		MJK	05/13/20 11:34	05/13/20 11:34
Organics		Analytical Method: EPA552.3			Prep Method: Micro Liquid-Liquid Extra		
Monochloroacetic Acid	0.00134	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:22
Monobromoacetic Acid	<0.00100	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:22
Dichloroacetic Acid	0.00415	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:22
Trichloroacetic Acid	0.00101	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:22
Dibromoacetic Acid	<0.00100	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:22
Total Haloacetic Acids	0.00650	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:22
Surrogate: 2-Bromobutanoic acid	96 %		70-130		MJK	05/12/20 13:02	05/13/20 17:22



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

Reported: 05/14/2020 13:21

Lab Sample ID#: 0050482-02
 Sample Type: Drinking Water
 Sample Source: Grab
 Sampler: Paul Somogyi
 Client Sample ID: Distribution 704 - TTHM/HAA5

Sample Date: 05/07/2020 12:25
 Receipt Date: 05/07/2020 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		
Chloroform	0.00743	mg/L		0.00100	MJK	05/13/20 12:04	05/13/20 12:04
Bromodichloromethane	0.00407	mg/L		0.00100	MJK	05/13/20 12:04	05/13/20 12:04
Dibromochloromethane	0.00149	mg/L		0.00100	MJK	05/13/20 12:04	05/13/20 12:04
Bromoform	<0.00100	mg/L		0.00100	MJK	05/13/20 12:04	05/13/20 12:04
Total Trihalomethanes	0.0130	mg/L		0.00100	MJK	05/13/20 12:04	05/13/20 12:04
Surrogate: 1,2-Dichlorobenzene-d4	97 %		70-130		MJK	05/13/20 12:04	05/13/20 12:04
Surrogate: 4-Bromofluorobenzene	91 %		70-130		MJK	05/13/20 12:04	05/13/20 12:04
Organics		Analytical Method: EPA552.3			Prep Method: Micro Liquid-Liquid Extra		
Monochloroacetic Acid	<0.00100	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:51
Monobromoacetic Acid	<0.00100	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:51
Dichloroacetic Acid	0.00234	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:51
Trichloroacetic Acid	<0.00100	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:51
Dibromoacetic Acid	<0.00100	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:51
Total Haloacetic Acids	0.00234	mg/L		0.00100	MJK	05/12/20 13:02	05/13/20 17:51
Surrogate: 2-Bromobutanoic acid	96 %		70-130		MJK	05/12/20 13:02	05/13/20 17:51

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



ST DIVISION
reel
PA 16
EST
465-4209

SAMPLE REQUEST & CHAIN OF CUSTODY

SE 1 OF 1

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type Preservative	Analysis Requested
		Date	Time				
Distribution 703 Boy's Bathroom By Office	0050482	5-7-76	1235	DW	1 ✓	250mL Amber Glass NH4Cl	HAA5
				DW	4 ✓	40mL VOA Vial Ascorbic Acid + HCl	TTHM
Distribution 704 Kitchen Sink	0050482	5-7-76	1235	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

Company/Name: **MONITEAU SCHOOL DISTRICT**
 Address: 391 HOOKER ROAD
 WEST SUNBURY, PA 16061
 Contact Person: JEFFREY CAMPBELL
 Phone Number: 724-406-4426
 Cell Phone: jcampbell@moniteau.k12.pa.us
 Billing Address:
 PWSID: 5100316

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 5-7-76 1235
 Relinquished By: (Signature) [Signature] Date/ Time 5-7-76 1458
 Relinquished By: (Signature)
 Relinquished By: (Signature)

Received By: (Signature) [Signature] Date/ Time 5-17-76 15:00
 Received By: (Signature)
 Received By: (Signature)

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



SAMPLE RECEIPT AND REVIEW FORM



0050482

PART A: General Information

Client: <u>Moniteau</u>		Work Or _____	
Received by: <u>JM</u>	Date/Time Received: <u>5/7/20 15:00</u>	Date Sampled: <u>5/7/20</u>	
Method of Delivery: FedEx UPS Client Drop off <u>ESL courier</u> Other: _____			
Sample Receipt Temp: <u>3.4</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	0.00134	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_335
5100316	2451	DICHLOROACETIC ACID	206	0.00415	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_349
5100316	2452	TRICHLOROACETIC ACID	206	0.00101	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_363
5100316	2453	MONOBROMOACETIC ACID	206	0.0	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_376
5100316	2454	DIBROMOACETIC ACID	206	0.0	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_390
5100316	2456	HALOACETIC ACIDS (FIVE)	206	0.0065	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_405
5100316	2941	CHLOROFORM (THM)	221	0.00789	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_419
5100316	2942	BROMOFORM (THM)	221	0.0	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_432
5100316	2943	BROMODICHLOROMETHANE (THM)	221	0.00413	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_447
5100316	2944	CHLORODIBROMOMETHANE (THM)	221	0.00141	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_460
5100316	2950	TRICHALOMETHANES	221	0.0134	051320	703		050720	D	1235	32382	0050482-01	BROWNKA_475
5100316	2450	MONOCHLOROACETIC ACID	206	0.0	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_334
5100316	2451	DICHLOROACETIC ACID	206	0.00234	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_348
5100316	2452	TRICHLOROACETIC ACID	206	0.0	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_362
5100316	2453	MONOBROMOACETIC ACID	206	0.0	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_377
5100316	2454	DIBROMOACETIC ACID	206	0.0	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_391
5100316	2456	HALOACETIC ACIDS (FIVE)	206	0.00234	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_404
5100316	2941	CHLOROFORM (THM)	221	0.00743	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_418
5100316	2942	BROMOFORM (THM)	221	0.0	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_433

**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	0.00407	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_446
5100316	2944	CHLORODIBROMOMETHANE (THM)	221	0.00149	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_461
5100316	2950	TRihalOMETHANES	221	0.013	051320	704		050720	D	1225	32382	0050482-02	BROWNKA_474
5100316	1013	FREE CHLORINE	301	0.52	050720	801		050720	D	1220	32382	0050492-01	BROWNKA_33
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	050820	801		050720	D	1220	32382	0050492-01	BROWNKA_34