

MONITEAU SCHOOL DISTRICT

DASSA MCKINNEY

ELEMENTARY SCHOOL

AUGUST 2020

TTHM/HAA5



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

19 August 2020

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

Work Order: 0080842
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	0080842-01	Drinking Water	08/10/2020 08:15	8/10/20 16:00	
Distribution 704 - TTHM/HAA5	0080842-02	Drinking Water	08/10/2020 08:00	8/10/20 16:00	

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: 08/19/2020 09:23

Lab Sample ID#: 0080842-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Client
Client Sample ID: Distribution 703 - TTHM/HAA5

Sample Date: 08/10/2020 08:15
Receipt Date: 08/10/2020 16:00

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	0.0206	mg/L		0.00100	MJK	08/14/20 14:32	08/14/20 14:32
Bromodichloromethane	0.0105	mg/L		0.00100	MJK	08/14/20 14:32	08/14/20 14:32
Dibromochloromethane	0.00370	mg/L		0.00100	MJK	08/14/20 14:32	08/14/20 14:32
Bromoform	<0.00100	mg/L		0.00100	MJK	08/14/20 14:32	08/14/20 14:32
Total Trihalomethanes	0.0349	mg/L		0.00100	MJK	08/14/20 14:32	08/14/20 14:32
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	96 %		70-130		MJK	08/14/20 14:32	08/14/20 14:32
<i>Surrogate: 4-Bromofluorobenzene</i>	91 %		70-130		MJK	08/14/20 14:32	08/14/20 14:32
Organics		Analytical Method: EPA552.3			Prep Method: Micro Liquid-Liquid Extra		
Monochloroacetic Acid	0.00218	mg/L		0.00100	MJK	08/11/20 13:07	08/12/20 12:15
Monobromoacetic Acid	<0.00100	mg/L		0.00100	MJK	08/11/20 13:07	08/12/20 12:15
Dichloroacetic Acid	0.00664	mg/L		0.00100	MJK	08/11/20 13:07	08/12/20 12:15
Trichloroacetic Acid	0.00172	mg/L		0.00100	MJK	08/11/20 13:07	08/12/20 12:15
Dibromoacetic Acid	<0.00100	mg/L		0.00100	MJK	08/11/20 13:07	08/12/20 12:15
Total Haloacetic Acids	0.0105	mg/L		0.00100	MJK	08/11/20 13:07	08/12/20 12:15
<i>Surrogate: 2-Bromobutanoic acid</i>	94 %		70-130		MJK	08/11/20 13:07	08/12/20 12:15



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

Reported: 08/19/2020 09:23

Lab Sample ID#: 0080842-02
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Client
Client Sample ID: Distribution 704 - TTHM/HAA5

Sample Date: 08/10/2020 08:00
Receipt Date: 08/10/2020 16:00

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	0.0264	mg/L		0.00100	MJK	08/14/20 15:02	08/14/20 15:02
Bromodichloromethane	0.0111	mg/L		0.00100	MJK	08/14/20 15:02	08/14/20 15:02
Dibromochloromethane	0.00389	mg/L		0.00100	MJK	08/14/20 15:02	08/14/20 15:02
Bromoform	<0.00100	mg/L		0.00100	MJK	08/14/20 15:02	08/14/20 15:02
Total Trihalomethanes	0.0413	mg/L		0.00100	MJK	08/14/20 15:02	08/14/20 15:02
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	97 %		70-130		MJK	08/14/20 15:02	08/14/20 15:02
<i>Surrogate: 4-Bromofluorobenzene</i>	93 %		70-130		MJK	08/14/20 15:02	08/14/20 15:02
Organics		Analytical Method: EPA552.3			Prep Method: Micro Liquid-Liquid Extra		
Monochloroacetic Acid	0.00237	mg/L		0.00100	MJK	08/15/20 14:11	08/17/20 13:20
Monobromoacetic Acid	<0.00100	mg/L		0.00100	MJK	08/15/20 14:11	08/17/20 13:20
Dichloroacetic Acid	0.00806	mg/L		0.00100	MJK	08/15/20 14:11	08/17/20 13:20
Trichloroacetic Acid	0.00157	mg/L		0.00100	MJK	08/15/20 14:11	08/17/20 13:20
Dibromoacetic Acid	<0.00100	mg/L		0.00100	MJK	08/15/20 14:11	08/17/20 13:20
Total Haloacetic Acids	0.0120	mg/L		0.00100	MJK	08/15/20 14:11	08/17/20 13:20
<i>Surrogate: 2-Bromobutanoic acid</i>	94 %		70-130		MJK	08/15/20 14:11	08/17/20 13:20

ENVIRONMENTAL SERVICE LABORATORIES, INC.

HEADQUARTER
1803 Philadelphia St.
Indiana, PA 15701
(724) 463-TEST

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

WEST DIVISION
Street
P. PA 16
-TEST
FAX: (724) 465-4209

0080842

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	0080842	8/10/20	08:15	DW	1	250mL Amber Glass NH4Cl	HAA5
Distribution 704 Kitchen Sink	0080842	8/10/20	08:00	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

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 1.12% 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.

Shipped By: (Signature) *Jeffrey Roel* Date/ Time 8/10/20 / 08:15
 Received By: (Signature) *Jeffrey Roel* Date/ Time 8/10/20 09:40
 Relinquished By: (Signature) *820-20* Date/ Time 1553
 Relinquished By: (Signature) _____ Date/ Time _____

Received By: (Signature) *[Signature]* Date/ Time 8/10/20 09:40
 Received By: (Signature) *[Signature]* Date/ Time 8/10/20 16:50
 Received By: (Signature) _____ Date/ Time _____

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: 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>Non-You</u>		Work Or	
Received by: <u>JMD</u>		Date/Time Received: <u>8/10/20</u> 16:00	
Date Sampled: <u>8/10/20</u>		Other: _____	
Method of Delivery: <u>UPS</u>		Client Drop off <u>ESL-courier</u>	
Sample Receipt Temp: <u>3.1</u>		Samples Received on Ice: <u>YES</u>	
IR Gun # Used: <u>1 2 3 4</u>		Samples Received on Ice: <u>NO</u>	
Samples Removed by Satellite Lab Division: _____		Containers removed by _____	
Satellite Lab for analysis of: _____		TCMPN _____	
Southern(BV) _____		Fecal Coliform _____	
Northern(WP) _____		TC/EC _____	
Sample State of Collection: <u>PA</u>		PWSID COMPLIANCE DRINKING WATER SAMPLES: <u>YES</u>	
Other: _____		NO	



PART B: Receipt Details

Completed (if different from above): _____

Signature _____
Date / / _____
Time _____

Sample Receipt Criteria	Comments/Qualifiers (Required for Non-Conforming Items)	Comments	Comments	Comments	Comments	Comments	Comments	Comments	Comments
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:									
Created: <u>NO</u> YES									



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	2450	MONOCHLOROACETIC ACID	206	0.00218	081220	703		081020	D	0815	32382	0080842-01	BROWNKA_1066
5100316	2451	DICHLOROACETIC ACID	206	0.00664	081220	703		081020	D	0815	32382	0080842-01	BROWNKA_1068
5100316	2452	TRICHLOROACETIC ACID	206	0.00172	081220	703		081020	D	0815	32382	0080842-01	BROWNKA_1071
5100316	2453	MONOBROMOACETIC ACID	206	0.0	081220	703		081020	D	0815	32382	0080842-01	BROWNKA_1072
5100316	2454	DIBROMOACETIC ACID	206	0.0	081220	703		081020	D	0815	32382	0080842-01	BROWNKA_1074
5100316	2456	HALOACETIC ACIDS (FIVE)	206	0.0105	081220	703		081020	D	0815	32382	0080842-01	BROWNKA_1076
5100316	2941	CHLOROFORM (THM)	221	0.0206	081420	703		081020	D	0815	32382	0080842-01	BROWNKA_1078
5100316	2942	BROMOFORM (THM)	221	0.0	081420	703		081020	D	0815	32382	0080842-01	BROWNKA_1080
5100316	2943	BROMODICHLOROMETHANE (THM)	221	0.0105	081420	703		081020	D	0815	32382	0080842-01	BROWNKA_1082
5100316	2944	CHLORODIBROMOMETHANE (THM)	221	0.0037	081420	703		081020	D	0815	32382	0080842-01	BROWNKA_1084
5100316	2950	TRIHALOMETHANES	221	0.0349	081420	703		081020	D	0815	32382	0080842-01	BROWNKA_1086
5100316	2450	MONOCHLOROACETIC ACID	206	0.00237	081720	704		081020	D	0800	32382	0080842-02	BROWNKA_1067
5100316	2451	DICHLOROACETIC ACID	206	0.00806	081720	704		081020	D	0800	32382	0080842-02	BROWNKA_1069
5100316	2452	TRICHLOROACETIC ACID	206	0.00157	081720	704		081020	D	0800	32382	0080842-02	BROWNKA_1070
5100316	2453	MONOBROMOACETIC ACID	206	0.0	081720	704		081020	D	0800	32382	0080842-02	BROWNKA_1073
5100316	2454	DIBROMOACETIC ACID	206	0.0	081720	704		081020	D	0800	32382	0080842-02	BROWNKA_1075
5100316	2456	HALOACETIC ACIDS (FIVE)	206	0.012	081720	704		081020	D	0800	32382	0080842-02	BROWNKA_1077
5100316	2941	CHLOROFORM (THM)	221	0.0264	081420	704		081020	D	0800	32382	0080842-02	BROWNKA_1079
5100316	2942	BROMOFORM (THM)	221	0.0	081420	704		081020	D	0800	32382	0080842-02	BROWNKA_1081



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	2944	CHLORODIBROMOMETHANE (THM)	221	0.00389	081420	704		081020	D	0800	32382	0080842-02	BROWNKA_1085
5100316	2950	TRihalOMETHANES	221	0.0413	081420	704		081020	D	0800	32382	0080842-02	BROWNKA_1087
5100316	1013	FREE CHLORINE	301	0.63	080620	802		080620	D	1217	32382	0080616-01	BROWNKA_74
5100316	1013	FREE CHLORINE	301	0.79	081320	802		081320	D	1147	32382	0081233-01	BROWNKA_626
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	080720	802		080620	D	1217	32382	0080616-01	BROWNKA_75

5100316: DASSA MCKINNEY ELEM 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
5100316	1040	NITRATE	120	0.0	0.10000		080820	101		080620	E	1225	32382	0080597-01	BROWNKA_259
5100316	1041	NITRITE	120	0.0	0.10000		080820	101		080620	E	1225	32382	0080597-01	BROWNKA_260
5100316	2378	1,2,4-TRICHLOROBENZE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_691
5100316	2380	cis-1,2-DICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_693
5100316	2955	XYLENES (TOTAL)	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_695
5100316	2964	DICHLOROMETHANE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_697
5100316	2968	o-DICHLOROBENZENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_699
5100316	2969	PARA-DICHLOROBENZENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_701
5100316	2976	VINYL CHLORIDE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_703
5100316	2977	1,1-DICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_705
5100316	2979	trans-1,2-DICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA_707

5100316: DASSA MCKINNEY ELEM 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
5100316	2980	1,2-DICHLOROETHANE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 709
5100316	2981	1,1,1-TRICHLOROETHANE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 711
5100316	2982	CARBON TETRACHLORIDE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 713
5100316	2983	1,2-DICHLOROPROPANE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 715
5100316	2984	TRICHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 717
5100316	2985	1,1,2-TRICHLOROETHANE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 719
5100316	2987	TETRACHLOROETHYLENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 721
5100316	2989	CHLOROBENZENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 723
5100316	2990	BENZENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 725
5100316	2991	TOLUENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 727
5100316	2992	ETHYLBENZENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 729
5100316	2996	STYRENE	221	0.0	0.00050		081220	101		080620	E	1225	32382	0080598-01	BROWNKA 731