

Moniteau School District
Moniteau High School
Annual S.O.C.
Report for May 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

18 May 2020

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

Work Order: 0042090
Project: Drinking Water Moniteau Jr/Sr - SOC
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Entry Point 101 - SOCs	0042090-01	Drinking Water	04/30/2020 12:25	4/30/20 14:40	

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.

SOC subcontracted to Suburban Water Testing Laboratory-Reading, PA DEP Lab ID 06-00208; please see attached subcontract laboratory Report of Analysis for results.

Definitions

RL Reporting Limit

Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unless otherwise specified.

Approved By

Rebecca Erwin
Project Manager

**ENVIRONMENTAL SERVICE
LABORATORIES, INC.**

OF CUSTODY

PAGE 1 OF 1

HEADQUARTERS
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



0042090

RTWEST DIVISION
Main Street
rpsville, PA 16150
(724) 463-TEST
FAX: (724) 465-4209

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Sample Type				Matrix	# of Containers	Container Type <small>Preservative</small>	Analysis Requested
		Composite		Grab					
		Date on/off	Time on/off	Date	Time				
Entry Point 101	0042090					DW	3 ✓	40 ml CLEAR VIAL Na2S2O3	SOC 504
						DW	3 ✓	40 ml-CLEAR-VIAL Na2S2O3	SOC 505
						DW	2 ✓	AMBER GLASS Na2S2O3	SOC 515 / SOC 548
						DW	2 ✓	AMBER GLASS Sodium Sulfite/HCL	SOC 525
						DW	1 ✓	250 ML AMBER GLASS Na2S2O3, C6H7KO7	SOC 531.1
						DW	3 ✓	40 ML AMBER VIAL Na2S2O3	SOC 547
						DW	1 ✓	1 L HDPE AMBER Na2S2O3 & H2SO4	SOC 549
						DW	2 ✓	AMBER GLASS Na2S2O3	SOC 1613

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 ATTORNEYS FEES PLUS ALL COURT AND ATTENDANT COLLECTION COSTS.

Project Notes:
Drinking Water Moniteau Jr/Sr - SOC

Sampled By: (Signature) *[Signature]* Date/ Time 4-30-20 12:25
 Relinquished By: (Signature) *[Signature]* Date/ Time 4-30-20 14:20
 Relinquished By: (Signature) _____ Date/ Time _____
 Relinquished By: (Signature) _____ Date/ Time _____

Received By: (Signature) *[Signature]* Date/ Time 4/30/20 14:40
 Received By: (Signature) _____ Date/ Time _____
 Received By: (Signature) _____ Date/ Time _____

Company/Name: **MONITEAU SCHOOL DISTRICT**
 Address: **391 HOOKER ROAD
WEST SUNBURY, PA 16061**
 Contact Person: **JEFFREY CAMPBELL**
 Phone Number: _____
 Cell Phone: **724-406-4426**
 Email Address: **jcampbell@moniteau.k12.pa.us**
 Billing Address: _____
 PWSID: **5100324**



SAMPLE RECEIPT AND REVIEW FORM

PART A: General Information



Client: <u>Moniteau</u>		Work Order: <u>0042090</u>	
Received by: <u>JHD</u>	Date/Time Received: <u>4/30/02 14:00</u>	Date Sampled: <u>4/30/02</u>	
Method of Delivery: FedEx UPS Client Drop off <u>ESL courier</u> Other: _____			
Sample Receipt Temp: <u>3.9</u>		Samples Received on Ice: <u>YES</u> 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: <u>PA</u> NY OH WV Other: _____		PWSID COMPLIANCE DRINKING WATER SAMPLES: <u>YES</u> 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	<u>N/A</u>	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	<u>N/A</u>	Sample ID's and containers affected:	YES NO
Other Comments:					Deficiency Log Created: Yes <u>NO</u>



Results Report

Order ID: 0051602

Environmental Service Laboratories, Inc. Project: SDWA SOCs
 1803 Philadelphia Street
 Indiana, PA 15701

 Attn: Accounts Payable

Sample Number: 0051602-01 Site: EP 101 Sample ID: 0042090-01
 Collector: Paul Somogyi Collect Date: 04/30/2020 12:25 pm Sample Type: E
 Sample Regulatory ID: 5100324 SDWA Reporting IDs: (101//001 / R / E)

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

SOC 504.1

1,2-Dibromoethane (EDB)	< 0.0201	µg/L	EPA 504.1	0.0201	1	05/04/20	MKR	05/04/20 23:49	DMH
1,2-Dibromo-3-chloropropane (DBCP)	< 0.0201	µg/L	EPA 504.1	0.0201	1	05/04/20	MKR	05/04/20 23:49	DMH

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 1,1,1,2-Tetrachloroethane	0.2712	µg/L	EPA 504.1	108%	1	70-130	05/04/20 23:49

SOC 505

PCBs (as Aroclors)	< 0.2001	µg/L	EPA 505	0.2001	1	05/05/20	ARP	05/06/20 7:58	DMH
Toxaphene [2C]	< 2.001	µg/L	EPA 505	2.001	1	05/05/20	ARP	05/06/20 7:58	DMH

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: Tetrachloro-m-xylene [2C]	1.091	µg/L	EPA 505	109%	1	70-130	05/06/20 7:58

SOC 515.3

Dalapon	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20 7:44	DMH
2,4-D	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20 7:44	DMH
Pentachlorophenol	< 0.12	µg/L	EPA 515.3	0.12	1	05/06/20	MKR	05/15/20 7:44	DMH
2,4,5-TP (Silvex)	< 0.31	µg/L	EPA 515.3	0.31	1	05/06/20	MKR	05/15/20 7:44	DMH
Picloram	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20 7:44	DMH
Dinoseb	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20 7:44	DMH

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 2,4-Dichlorophenylacetic Acid (DCAA)	24.6	µg/L	EPA 515.3	98%	1	70-130	05/15/20 7:44

SOC 525.2

Alachlor	< 0.48	µg/L	EPA 525.2	0.48	1	05/04/20	MAG	05/04/20 23:09	MAG
Atrazine	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:09	MAG
Benzo(a)pyrene	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20 23:09	MAG
Chlordane	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20 23:09	MAG
di(2-Ethylhexyl) adipate	< 1.44	µg/L	EPA 525.2	1.44	1	05/04/20	MAG	05/04/20 23:09	MAG
di(2-Ethylhexyl) phthalate	< 1.44	µg/L	EPA 525.2	1.44	1	05/04/20	MAG	05/04/20 23:09	MAG
Endrin	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:09	MAG
Gamma-BHC (Lindane)	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20 23:09	MAG
Heptachlor	< 0.10	µg/L	EPA 525.2	0.10	1	05/04/20	MAG	05/04/20 23:09	MAG

Report Generated On: 05/18/2020 11:11 am 0051602
 STL_Results Revision #1.9 Effective: 04/16/2020





SUBURBAN TESTING LABS

Sample Number: 0051602-01	Site: EP 101	Sample ID: 0042090-01
Collector: Paul Somogyi	Collect Date: 04/30/2020 12:25 pm	Sample Type: E
Sample Regulatory ID: 5100324	SDWA Reporting IDs: (101//001 / R / E)	

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Semivolatiles (Continued)

SOC 525.2 (Continued)

Heptachlor epoxide	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20 23:09	MAG
Hexachlorobenzene	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:09	MAG
Hexachlorocyclopentadiene	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:09	MAG
Methoxychlor	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:09	MAG
Simazine	< 0.17	µg/L	EPA 525.2	0.17	1	05/04/20	MAG	05/04/20 23:09	MAG

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: Pyrene-d10	4.88	µg/L	EPA 525.2	102%	1	50-150	05/04/20 23:09
Surrogate: Triphenylphosphate	5.07	µg/L	EPA 525.2	105%	1	50-150	05/04/20 23:09
Surrogate: 1,3-Dimethyl-2-Nitrobenzene	4.46	µg/L	EPA 525.2	93%	1	50-150	05/04/20 23:09
Surrogate: Perylene-d12	4.06	µg/L	EPA 525.2	84%	1	50-150	05/04/20 23:09

Oxamyl (vydate)	< 5.0	µg/L	EPA 531.2	5.0	1	05/11/20	CEK	05/13/20 7:57	CEK
Carbofuran	< 5.0	µg/L	EPA 531.2	5.0	1	05/11/20	CEK	05/13/20 7:57	CEK

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: BDMC (surr)	55.0	µg/L	EPA 531.2	110%	1	70-130	05/13/20 7:57

Glyphosate	< 50.0	µg/L	EPA 547	50.0	1	05/08/20	KMH	05/09/20 7:23	CEK
Endothall	< 20.0	µg/L	EPA 548.1	20.0	1	05/05/20	KMH	05/07/20 0:13	ESB
Diquat	< 2.0	µg/L	EPA 549.2	2.0	1	05/04/20	CEK	05/14/20 8:53	CEK

Subcontracted Analysis

2,3,7,8-TCDD	< 5.0	pg/L	EPA1613B	5.0	1	05/08/20		05/10/20 4:45	SUB*
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Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

Work Order Memo

SUB: EPA1613B performed by LAB ID# 68-00563

Report Generated On: 05/18/2020 11:11 am 0051602
 STL_Results Revision #1.9 Effective: 04/16/2020





SUBURBAN TESTING LABS

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

* *pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Kelly Mays
Client Services Supervisor

Report Generated On: 05/18/2020 11:11 am 0051602
STL_Results Revision #1.9 Effective: 04/16/2020



SUBCONTRACT ORD
Environmental Service Laborat
0042090



0051602
 Lisa F. Care

Please report all results to reports@envlabs.com. C

SENDING LABORATORY:

Environmental Service Laboratories, Inc.
 1803 Philadelphia Street
 Indiana, PA 15701
 Phone: 724-463-8378
 Fax: 724-465-4209
 Project Manager: Rebecca Erwin

RECEIVING LABORATORY:

Suburban Water Testing Labs - Reading
 1037F MacArthur Road
 Reading, PA 19605
 Phone: (610) 375-8378
 Fax: 1610-375-4090

State of Origin: PA

Client: Moniteau School District

PWSID: 5100324

Analysis	Due	Expires	Comments
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Sample ID: 0042090-01 Sample Name: Entry Point 101 - SOCs

Matrix: Drinking Water Sampled: 04/30/2020 12:25 Sample Type: Grab Sampled By: Paul Somogyi

SOC 1613 2,3,7,8 TCDD Dioxin AD Full SET	05/12/2020 23:00	04/30/2021 12:25	
SOC 504	05/12/2020 23:00	05/14/2020 12:25	
SOC 515 AD	05/12/2020 23:00	05/14/2020 12:25	
SOC 525 Pesticides AD Δ OLV	05/12/2020 23:00	05/14/2020 12:25	
SOC 531.1 AD Δ PHV	05/12/2020 23:00	05/28/2020 12:25	
SOC 505	05/12/2020 23:00	05/14/2020 12:25	
SOC 547 Glyphosate - Δ PH < 2.0	05/12/2020 23:00	05/14/2020 12:25	
SOC 548.1 Endothall AD	05/12/2020 23:00	05/07/2020 12:25	
SOC 549 Diquat AD Δ Imp 5-1-2020	05/12/2020 23:00	05/07/2020 12:25	

Containers Supplied:

Amber Glass, 1000mL, Na2S2O3 (A)	Amber Glass, 1000mL, Na2S2O3 (B)	VOA Vial, 40mL, Na2S2O3 (C)	VOA Vial, 40mL, Na2S2O3 (D)	VOA Vial, 40mL, Na2S2O3 (E)
VOA Vial, 40mL, Na2S2O3 (F)	VOA Vial, 40mL, Na2S2O3 (G)	VOA Vial, 40mL, Na2S2O3 (H)	Amber Glass, 500mL, Na2S2O3 (I)	Amber Glass, 1000mL, Na2SO3 and HCL (J)
Amber Glass, 1000mL, Na2SO3 and HCL (K)	Amber Glass, 250mL, Na2S2O3 & C6H7KO7 (L)	VOA Vial, Amber, 40mL, Na2S2O3 (M)	VOA Vial, Amber, 40mL, Na2S2O3 (N)	VOA Vial, Amber, 40mL, Na2S2O3 (O)
Amber Glass, 500mL, Na2S2O3 (P)	Amber HDPE, 1000mL, Na2S2O3 & H2SO4 (Q)			

Suburban Testing Labs

Lab Date/Time: 5-1-20 1336 Lab Temp: 21°C
 Number of containers/coolers match number on COC? N
 Sample labels and COC are free of discrepancies? N
 All containers in tact? N
 Received in lab within acceptable temperature limits? N
 40mL VOA vials free of headspace? N
 Relinquished by: *[Signature]*
 Received in Lab by: *[Signature]* 1336

Released By: <i>[Signature]</i>	Date: 4/30/20	Received By: <i>[Signature]</i>	Date: 5-1-20
Released By: <i>[Signature]</i>	Date: 5-1-20	Received By: <i>[Signature]</i>	Date: 5-1-20

