

**Moniteau School District
Dassa McKinney Elementary
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: 0042089
Project: Drinking Water Dassa McKinney - 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	0042089-01	Drinking Water	04/30/2020 11:45	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

Company/Name: MONTEAU SCHOOL DISTRICT Address: 391 HOOKER ROAD WEST SUNBURY, PA 16061 Contact Person: JEFFREY CAMPBELL Phone Number: 724-406-4426 Cell Phone: 724-406-4426 Email Address: jcampbell@monteau.k12.pa.us Billing Address: 5100316 PWSID:		Received By: (Signature) <i>[Signature]</i> Date/ Time: 4/30/12 14:44		Received By: (Signature) <i>[Signature]</i> Date/ Time: 4-30-12 11:45		Received By: (Signature) <i>[Signature]</i> Date/ Time: 4-30-12 11:45		Received By: (Signature) <i>[Signature]</i> Date/ Time: 4-30-12 11:45		Received By: (Signature) <i>[Signature]</i> Date/ Time: 4-30-12 11:45	
Project Notes: Drinking Water Dassa McKinney - SOC											
THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW). 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.											
Sample Identification		ESL#		Date over		Time over		Date		Time	
Entry Point 101		4-30-12		14:44		11:45		4-30-12		11:45	
Matrix		# of Containers		Container Type		Analysis Requested		SOC 504		SOC 505	
DW		3		40 ml CLEAR VIAL		40 ml CLEAR VIAL		SOC 504		SOC 505	
DW		2		AMBER GLASS		AMBER GLASS		SOC 515 / SOC 548		SOC 525	
DW		2		AMBER GLASS		Sodium Sulfite/HCL		SOC 525		SOC 531.1	
DW		1		250 ML AMBER GLASS		250 ML AMBER GLASS		SOC 531.1		SOC 547	
DW		3		40 ML AMBER VIAL		40 ML AMBER VIAL		SOC 547		SOC 549	
DW		1		1 L HDPE AMBER		1 L HDPE AMBER		SOC 549		SOC 1613	
DW		2		Na2S2O3 & H2SO4		AMBER GLASS		SOC 1613			
DW		2		Na2S2O3		AMBER GLASS					
DW		3		Na2S2O3		AMBER GLASS					

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

FOR INTERNAL

ENVIRONMENTAL SERVICE
 LABORATORIES, INC.

SAMPLE REQUEST & CHAIN OF CUSTODY

PAGE 1 OF 1

VISION

6150

4209

0042089



Results Report

Order ID: 0051604

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

Sample Number: 0051604-01	Site: EP 101	Sample ID: 0042089
Collector: Paul Somogyi	Collect Date: 04/30/2020 11:45 am	Sample Type: E
Sample Regulatory ID: 5100316	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	05/05/20	0:04	DMH
1,2-Dibromo-3-chloropropane (DBCP)	< 0.0201	µg/L	EPA 504.1	0.0201	1	05/04/20	MKR	05/05/20	0:04	DMH

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 1,1,1,2-Tetrachloroethane	0.2710	µg/L	EPA 504.1	108%	1	70-130	05/05/20 0:04

SOC 505

PCBs (as Aroclors)	< 0.1990	µg/L	EPA 505	0.1990	1	05/05/20	ARP	05/06/20	8:14	DMH
Toxaphene [2C]	< 1.990	µg/L	EPA 505	1.990	1	05/05/20	ARP	05/06/20	8:14	DMH

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: Tetrachloro-m-xylene [2C]	1.045	µg/L	EPA 505	105%	1	70-130	05/06/20 8:14

SOC 515.3

Dalapon	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20	8:14	DMH
2,4-D	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20	8:14	DMH
Pentachlorophenol	< 0.12	µg/L	EPA 515.3	0.12	1	05/06/20	MKR	05/15/20	8:14	DMH
2,4,5-TP (Silvex)	< 0.31	µg/L	EPA 515.3	0.31	1	05/06/20	MKR	05/15/20	8:14	DMH
Picloram	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20	8:14	DMH
Dinoseb	< 1.25	µg/L	EPA 515.3	1.25	1	05/06/20	MKR	05/15/20	8:14	DMH

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 2,4-Dichlorophenylacetic Acid (DCAA)	24.4	µg/L	EPA 515.3	98%	1	70-130	05/15/20 8:14

SOC 525.2

Alachlor	< 0.48	µg/L	EPA 525.2	0.48	1	05/04/20	MAG	05/04/20	23:22	MAG
Atrazine	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20	23:22	MAG
Benzo(a)pyrene	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20	23:22	MAG
Chlordane	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20	23:22	MAG
di(2-Ethylhexyl) adipate	< 1.43	µg/L	EPA 525.2	1.43	1	05/04/20	MAG	05/04/20	23:22	MAG
di(2-Ethylhexyl) phthalate	< 1.43	µg/L	EPA 525.2	1.43	1	05/04/20	MAG	05/04/20	23:22	MAG
Endrin	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20	23:22	MAG
Gamma-BHC (Lindane)	< 0.05	µg/L	EPA 525.2	0.05	1	05/04/20	MAG	05/04/20	23:22	MAG
Heptachlor	< 0.10	µg/L	EPA 525.2	0.10	1	05/04/20	MAG	05/04/20	23:22	MAG

Report Generated On: 05/18/2020 11:11 am 0051604
 STL_Results Revision #1.9 Effective: 04/16/2020





SUBURBAN TESTING LABS

Sample Number: 0051604-01	Site: EP 101	Sample ID: 0042089
Collector: Paul Somogyi	Collect Date: 04/30/2020 11:45 am	Sample Type: E
Sample Regulatory ID: 5100316	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 23:22	MAG
Hexachlorobenzene	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:22	MAG
Hexachlorocyclopentadiene	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:22	MAG
Methoxychlor	< 0.24	µg/L	EPA 525.2	0.24	1	05/04/20	MAG	05/04/20 23:22	MAG
Simazine	< 0.17	µg/L	EPA 525.2	0.17	1	05/04/20	MAG	05/04/20 23:22	MAG

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: Pyrene-d10	4.66	µg/L	EPA 525.2	98%	1	50-150	05/04/20 23:22
Surrogate: Triphenylphosphate	4.96	µg/L	EPA 525.2	104%	1	50-150	05/04/20 23:22
Surrogate: 1,3-Dimethyl-2-Nitrobenzene	4.41	µg/L	EPA 525.2	93%	1	50-150	05/04/20 23:22
Surrogate: Perylene-d12	3.60	µg/L	EPA 525.2	76%	1	50-150	05/04/20 23:22

SOC 531.2

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)	55.4	µg/L	EPA 531.2	111%	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 0:24	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 2:50	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

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 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 0051604
STL_Results Revision #1.9 Effective: 04/16/2020



SUBCONTRACT ORI

Environmental Service Labor:

0042089



0051604
Lisa F. Care

Please report all results to reports@envlabs.com.

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: 5100316

Analysis	Due	Expires	Comments
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Sample ID: 0042089-01 Sample Name: Entry Point 101 - SOCs

Matrix: Drinking Water Sampled: 04/30/2020 11:45 Sample Type: Grab Sampled By: Paul Somogyi

SOC 1613 2,3,7,8 TCDD Dioxin	XB Full Set	05/12/2020 23:00	04/30/2021 11:45
SOC 504		05/12/2020 23:00	05/14/2020 11:45
SOC 505		05/12/2020 23:00	05/14/2020 11:45
SOC 515 XB	*CLV	05/12/2020 23:00	05/14/2020 11:45
SOC 525 Pesticides XB	Ø PHLV	05/12/2020 23:00	05/14/2020 11:45
SOC 531.1 XB		05/12/2020 23:00	05/28/2020 11:45
SOC 548.1 Endothall XB	Δ PPK20	05/12/2020 23:00	05/07/2020 11:45
SOC 549 Diquat XB		05/12/2020 23:00	05/07/2020 11:45
SOC 547 Glyphosate	Temp 5.1.2020	05/12/2020 23:00	05/14/2020 11:45

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: 2-1°C
 Number of containers/coolers match number on COC? Y N
 Sample labels and COC are free of discrepancies? Y N
 All containers in tact? Y N
 Received in lab within acceptable temperature limits? Y N
 40mL VOA vials free of headspace? Y N
 Relinquished by: *[Signature]*
 Received in Lab by: *[Signature]* 1336
 (17)

Released By: *[Signature]* Date: 4/30/20
 Received By: *[Signature]* Date: 5-1-20
 Released By: *[Signature]* Date: 5-1-20
 Received By: *[Signature]* Date: 5-1-20

