

**Moniteau School District
Maintenance Department
Moniteau High School
Monthly Water Plant Report
December 2019**



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
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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

11 December 2019

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

Work Order: 9120483
Project: Drinking Water Moniteau Jr/Sr - Monthly 802
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
802 Room 204 Sink	9120483-01	Drinking Water	12/05/2019 13:05	12/5/19 15:20	

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: 12/11/2019 15:12

Lab Sample ID#: 9120483-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: 802 Room 204 Sink

Sample Date: 12/05/2019 13:05
Receipt Date: 12/05/2019 15:20

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Field Analysis		Analytical Method: SM4500-Cl G-11			Prep Method: No Prep - Field		
Chlorine, Free	0.670	mg/L		0.200	PFS	12/05/19 13:05	12/05/19 13:05
Microbiology		Analytical Method: SM9223 B-04			Prep Method: No Prep - Micro		
Total Coliform	Absent	per 100 mL		1	DAA	12/05/19 15:47	12/06/19 15:50
E. Coli	Absent	per 100 mL		1	DAA	12/05/19 15:47	12/06/19 15:50

This sample MEETS current EPA and DEP bacteriological standards of no detectable coliform bacteria per 100 mL sample.

ENVIRONMENTAL SERVICE LABORATORIES, INC.

SAMPLE REQUEST & CHAIN OF CUSTODY

Page 3 of 4

HEADQUARTER
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FAX: (724) 465-4209



9120483

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Matrix	# of Bottles	Container Type Preservative	Analysis Requested
	9120483				
CIRCLE ONE: 704 KITCHEN-MAIN SINK (802 ROOM-204 SINK)	Date	Grab	Time	Date/Time	4.1 i.e. ④ 1520 AM 12/5/19
	12-5-19				
704: Jan, Mar, May, Jul, Sept, Nov					
802: Feb, Apr, Jun, Aug, Oct, Dec					
<p>THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.</p> <p>1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW).</p> <p>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 FEES PLUS ALL COURT AND ATTENDANT COLLECTION COSTS.</p>					
Notes/Special Instructions: Jr/Sr High School - Monthly					
Sampled By: (Signature)	Date/Time	Received By: (Signature)		Date/Time	Company/Name:
<i>[Signature]</i>	12-5-19 1305	<i>[Signature]</i>		12/5/19 1530	MONITEAU SCHOOL DISTRICT
Relinquished By: (Signature)	Date/Time	Received By: (Signature)		Date/Time	Address:
<i>[Signature]</i>		<i>[Signature]</i>			1810 WEST SUNBURY ROAD
Relinquished By: (Signature)	Date/Time	Received By: (Signature)		Date/Time	Contact Person:
<i>[Signature]</i>		<i>[Signature]</i>			WEST SUNBURY, PA 16061
Relinquished By: (Signature)	Date/Time	Received By: (Signature)		Date/Time	Phone Number:
<i>[Signature]</i>		<i>[Signature]</i>			724-406-4426
Correct Preservations Y / N / NA	Correct Containers Y / N / NA	Correct Containers Y / N / NA		Receipt Temperature	Email Address:
					jcampbell@moniteau.k12.pa.us
					PWSID:
					5100324



E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

5100324: MONITEAU JR/SR HIGH 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
5100324	1013	FREE CHLORINE	301	0.67	120519	802		120519	D	1305	32382	9120483-01	BROWNKAT H_48
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	802		120519	D	1305	32382	9120483-01	BROWNKAT H_49



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PADEP: 43-04934

13 December 2019

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

Work Order: 9121075
Project: Drinking Water Moniteau Jr/Sr - Monthly 802
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
802 Room 204 Sink	9121075-01	Drinking Water	12/12/2019 12:40	12/12/19 14:30	

Report Narrative

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Definitions

RL Reporting Limit

Certifications

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Approved By

Rebecca Erwin
Project Manager



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

Reported: 12/13/2019 07:22

Lab Sample ID#: 9121075-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 802 Room 204 Sink

Sample Date: 12/12/2019 12:40
Receipt Date: 12/12/2019 14:30

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Field Analysis							
Chlorine, Free	0.720	mg/L			Client	12/12/19 12:40	12/12/19 12:40

ENVIRONMENTAL SERVICE LABORATORIES, INC.

SAMPLE REQUEST & CHAIN OF CUSTODY

Page 3 of 4

HEADQUARTER
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NORTHWEST DIVISION
950 Main Street
Sharpsville, PA 16
(724) 463-TEST
FAX: (724) 465-4209



9121075

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL# 9121075	Sample Type		# of Bottles	Container Type	Analysis Requested
		Grab	Time			
Distribution: <u>SEA</u>	61	Date	Time	Field	Field	Free Chlorine <u>1.72</u> mg/L

ROTATION

Wk 1 - 704 Kitchen Sink

Wk 2 - 802 Room 204 Sink

Wk 3 - 803 Admin Sink

Wk 4 - 804 400 Hall RR Sink

Wk 5 - 804 400 Hall RR Sink

THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.

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Notes/Special Instructions:

Jr/Sr High School - Weekly

Sampled By: (Signature) [Signature] Date/ Time 12/19/19 1240
 Relinquished By: (Signature) [Signature] Date/ Time 12/19/19 140

Received By: (Signature) [Signature] Date/ Time 12/19/19 1430

Received By: (Signature) _____ Date/ Time _____
 Received By: (Signature) _____ Date/ Time _____
 Received By: (Signature) _____ Date/ Time _____

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

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

5100324: MONITEAU JR/SR HIGH 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
5100324	1013	FREE CHLORINE	301	0.67	120519	802		120519	D	1305	32382	9120483-01	BROWNKA_74
5100324	1013	FREE CHLORINE	301	0.72	121219	802		121219	D	1240	32382	9121075-01	BROWNKA_349
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	802		120519	D	1305	32382	9120483-01	BROWNKA_75



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20 December 2019

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

Work Order: 9121720
Project: Drinking Water Moniteau Jr/Sr - Weekly
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
803 Admin Sink	9121720-01	Drinking Water	12/19/2019 00:00	12/19/19 16:00	

Report Narrative

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 P: (724) 463-8378 x 500
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Moniteau School District
 1810 West Sunbury Road
 West Sunbury, PA 16061

Reported: 12/20/2019 09:37

Lab Sample ID#: 9121720-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler:
Client Sample ID: 803 Admin Sink

Sample Date: 12/19/2019 00:00
Receipt Date: 12/19/2019 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Field Analysis							
		Analytical Method: SM4500-Cl G-11			Prep Method: No Prep - Field		
Chlorine, Free	0.350	mg/L		0.200	DEH	12/19/19 00:00	12/19/19 00:00

ENVIRONMENTAL SERVICE LABORATORIES, INC.

HEADQUARTER
1803 Philadelphia St.
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NORTHWEST DIVISION
950 Main Street
Sharpsville, PA 16
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FAX: (724) 465-4209



9121720

3E 1 OF 1

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type	Analysis Requested
		Grab	Time				
Distribution: <u>803</u>	<u>9121720</u>	<u>12/19/19</u>	<u>1230</u>	DW	Field	Field	Free Chlorine <u>35</u> mg/L
<div style="border: 1px solid black; padding: 5px;"> <p>ROTATION</p> <p>Wk 1 - 704 Kitchen Sink</p> <p>Wk 2 - 802 Room 204 Sink</p> <p>Wk 3 - 803 Admin Sink</p> <p>Wk 4 - 804 400 Hall RR Sink</p> <p>Wk 5 - 804 400 Hall RR Sink</p> </div>							
<p>Notes/Special Instructions::</p> <p><i>Jr/Sr High School - Weekly</i></p>							
<p>1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1.12% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW).</p> <p>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.</p>							
Sampled By: (Signature)		Date/ Time <u>12/19/19 1230</u>		Received By: (Signature)		Date/ Time <u>12/19/19 1000</u>	
Relinquished By: (Signature)		Date/ Time		Received By: (Signature)		Date/ Time	
Relinquished By: (Signature)		Date/ Time		Received By: (Signature)		Date/ Time	
Relinquished By: (Signature)		Date/ Time		Received By: (Signature)		Date/ Time	
Correct Preservations ...Y / N / NA		Correct Containers Y / N / NA		Receipt Temperature		PWSID: 5100324	
Company Name: MONITEAU SCHOOL DISTRICT Address: 391 HOOKER ROAD WEST SUNBURY, PA 16061 Contact Person: JEFFREY CAMPBELL Phone Number: 724-406-4426 Cell Phone: Email Address: jcampbell@moniteau.k12.pa.us Billing Address: PWSID: 5100324							

**5100324: MONITEAU JR/SR HIGH 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
5100324	1013	FREE CHLORINE	301	0.67	120519	802		120519	D	1305	32382	9120483-01	BROWNKAT H_310
5100324	1013	FREE CHLORINE	301	0.72	121219	802		121219	D	1240	32382	9121075-01	BROWNKAT H_311
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	802		120519	D	1305	32382	9120483-01	BROWNKAT H_312
5100324	1013	FREE CHLORINE	301	0.35	121919	803		121919	D	0000	32382	9121720-01	BROWNKAT H_306



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24 December 2019

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

Work Order: 9121919
Project: Drinking Water Moniteau Jr/Sr - Weekly
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
804 400 Hall RR Sink	9121919-01	Drinking Water	12/23/2019 09:25	12/23/19 14:26	

Report Narrative

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Approved By

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Project Manager



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 PADEP: 43-04934

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

Reported: 12/24/2019 15:59

Lab Sample ID#: 9121919-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: 804 400 Hall RR Sink

Sample Date: 12/23/2019 09:25
Receipt Date: 12/23/2019 14:26

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Field Analysis							
		Analytical Method: SM4500-Cl G-11			Prep Method: No Prep - Field		
Chlorine, Free	0.610	mg/L		0.200	PFS	12/23/19 09:25	12/23/19 09:25

ENVIRONMENTAL SERVICE LABORATORIES, INC.

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(724) 258-TEST
FAX: (724) 258-8376



9121919

(570) 321-3333
FAX: (570) 321-1957

ST DIVISION
Street
, PA 16
TEST

FAX: (724) 465-4209

FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Sample Type		# of Bottles	Container Type	Analysis Requested
		Grab	Time			
Distribution: <u>804</u>	<u>9121919</u>	<u>12/31/14</u>	<u>0945</u>	Field	Field	Free Chlorine <u>61</u> mg/L
<p>ROTATION</p> <p>Wk 1 - 704 Kitchen Sink</p> <p>Wk 2 - 802 Room 204 Sink</p> <p>Wk 3 - 803 Admin Sink</p> <p>Wk 4 - 804 400 Hall RR Sink</p> <p>Wk 5 - 804 400 Hall RR Sink</p>						
<p>Notes/Special Instructions:</p> <p><i>Jr/Sr High School - Weekly</i></p>						
<p>Company Name: MONITEAU SCHOOL DISTRICT</p> <p>Address: 391 HOOKER ROAD</p> <p>WEST SUNBURY, PA 16061</p> <p>Contact Person: JEFFREY CAMPBELL</p> <p>Phone Number: 724-406-4426</p> <p>Cell Phone: jcampbell@moniteau.k12.pa.us</p> <p>Billing Address: 5100324</p> <p>PWSID: 5100324</p>						
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<p>Sampled By: (Signature) <i>[Signature]</i></p> <p>Date/ Time <u>12/31/14 0945</u></p>		<p>Received By: (Signature) <i>[Signature]</i></p> <p>Date/ Time <u>12/31/14 14:26</u></p>				
<p>Relinquished By: (Signature)</p> <p>Date/ Time</p>		<p>Received By: (Signature)</p> <p>Date/ Time</p>				
<p>Relinquished By: (Signature)</p> <p>Date/ Time</p>		<p>Received By: (Signature)</p> <p>Date/ Time</p>				
<p>Correct Preservations Y / N / NA</p>		<p>Correct Containers Y / N / NA</p>			<p>Receipt Temperature <u> </u></p>	

THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.

5100324: MONITEAU JR/SR HIGH SCHOOL

SDWA1

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5100324	1013	FREE CHLORINE	301	0.67	120519	802		120519	D	1305	32382	9120483-01	BROWNKA_74
5100324	1013	FREE CHLORINE	301	0.72	121219	802		121219	D	1240	32382	9121075-01	BROWNKA_349
5100324	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	802		120519	D	1305	32382	9120483-01	BROWNKA_75
5100324	1013	FREE CHLORINE	301	0.35	121919	803		121919	D	0000	32382	9121720-01	BROWNKA_901
5100324	1013	FREE CHLORINE	301	0.61	122319	804		122319	D	0925	32382	9121919-01	BROWNKA_899

**Moniteau School District
Maintenance Department
Dassa McKinney Elementary
School
Monthly Water Plant Report
December 2019**

Nov. Reading - 11650200

Dassa McKinney Elementary School Water Treatment Facility											
Month	Date	Day	PH	Iron	Cl2 Free	Cl2 Total	Hardness	Meter Reading	Operator	Time	Notes
	1	Sun.									
	2	Mon.									
	3	Tues	8.0	0.04	0.39	0.43	0.82	11650300	Jeff R	2:30P	100
	4	Wed.	7.8	0.01	0.37	0.42	0.88	11654500	Jeff R	2:30P	4200
	5	Thurs	7.8	0.03	0.56	0.58	1.20	11659800	Jeff R	2:30P	5300
	6	Fri.	7.8	0.03	0.67	0.72	1.67	11663500	Jeff R	2:30P	3700
	7	Sat.									
	8	Sun									
	9	Mon	7.9	0.04	0.55	0.57	1.90	11667000	Jeff R	2:30P	3500
	10	Tues	7.8	0.03	0.43	0.45	1.64	11671000	Jeff R	2:30P	4000
	11	Wed	7.9	0.00	0.56	0.60	1.83	11675300	Jeff R	3:00P	4300
	12	Thurs.	7.8	0.04	0.61	0.65	0.63	11679000	Jeff R	4:00P	3700
	13	Fri.	7.8	0.02	0.54	0.59	1.01	11683700	Jeff R.	3:00P	4700
	14	Sat.									
	15	Sun.									
	16	Mon	7.9	0.04	0.40	0.44	1.21	11687800	Jeff R	2:30P	4100
	17	Tues	7.8	0.02	0.48	0.51	1.33	11692700	Jeff R	2:30P	4900
	18	Wed	7.8	0.02	0.50	0.52	1.03		Jeff R	4:30P	
	19	Thurs.	7.8	0.03	0.50	0.56	0.69	11701100	Jeff R	2:30P	8400
	20	Fri.	7.9	0.03	0.54	0.61	0.92	11705500	Jeff R	2:30P	4400
	21	Sat									
	22	Sun									
	23	Mon	7.8	0.02	0.51	0.56	1.08	11709400	Jeff R.	2:00P	3900
	24	Tues	7.8	0.02	0.48	0.52	1.07	11709400	Jeff C	08:00A	
	25	Wed	7.8	0.02	0.40	0.46	1.06	11709400	Jeff C	07:45A	
	26	Thurs	7.8	0.02	0.34	0.36	1.02	11709500	Jeff C	10:00A	100
	27	Fri.	7.8	0.00	0.43	0.47	0.99	11709600	Jeff R	1:30P	100
	28	Sat.									
	29	Sun									
	30	Mon	7.7	0.02	0.50	0.53	1.25	11709800	Jeff R	12:00P	200
	31	Tues						11710200			400



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PADEP: 41-04880

950 West Main Street
Sharpville, PA 16150
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11 December 2019

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

Work Order: 9120484
Project: Drinking Water Dassa McKinney - Monthly 801
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
801 Kitchen Sink	9120484-01	Drinking Water	12/05/2019 12:40	12/5/19 15:20	

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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PADEP: 43-04934

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

Reported: 12/11/2019 15:11

Lab Sample ID#: 9120484-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: 801 Kitchen Sink

Sample Date: 12/05/2019 12:40
Receipt Date: 12/05/2019 15:20

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Field Analysis		Analytical Method: SM4500-Cl G-11			Prep Method: No Prep - Field		
Chlorine, Free	0.270	mg/L		0.200	PFS	12/05/19 12:40	12/05/19 12:40
Microbiology		Analytical Method: SM9223 B-04			Prep Method: No Prep - Micro		
Total Coliform	Absent	per 100 mL		1	DAA	12/05/19 15:47	12/06/19 15:50
E. Coli	Absent	per 100 mL		1	DAA	12/05/19 15:47	12/06/19 15:50

This sample MEETS current EPA and DEP bacteriological standards of no detectable coliform bacteria per 100 mL sample.

ENVIRONMENTAL SERVICE LABORATORIES, INC.

SAMPLE REQUEST & CHAIN OF CUSTODY

3E 1 OF 1

HEADQUARTER
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NORTHWEST DIVISION
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Sharpsville, PA 16
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FAX: (724) 465-4209



FOR INTERNAL LABORATORY USE ONLY

Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type <small>Preservative</small>	Analysis Requested
		Grab	Time				
801 KITCHEN SINK	9120484 01	AS19	1240	DW	1	STERILE PLASTIC NA THIO	TC/EC ✓ Free Chlorine .07 mg/L 4.1 ile (4) 1520 AMP 12/5/19

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.		Notes/Special Instructions: Dassa McKinney Elementary - Monthly	
Sampled By: (Signature) Date/ Time 12-5-19 1240	Relinquished By: (Signature) Date/ Time 12-5-19 1240	Received By: (Signature) Date/ Time 12/5/19 1530	Company/Name: MONITEAU SCHOOL DISTRICT Address: 391 HOOKER ROAD WEST SUNBURY, PA 16061 JEFFREY CAMPBELL Contact Person: Phone Number: Cell Phone: 724-406-4426 Email Address: jcampbell@moniteau.k12.pa.us Billing Address: PWSID: 5100316
Relinquished By: (Signature) Date/ Time	Relinquished By: (Signature) Date/ Time	Relinquished By: (Signature) Date/ Time	Correct Preservations Y / N / NA Correct Containers Y / N / NA Receipt Temperature



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	1013	FREE CHLORINE	301	0.27	120519	801		120519	D	1240	32382	9120484-01	BROWNKAT H 44
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	801		120519	D	1240	32382	9120484-01	BROWNKAT H 45



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950 West Main Street
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PADEP: 43-04934

13 December 2019

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

Work Order: 9121074
Project: Drinking Water Dassa McKinney - Weekly
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
802 Room 617 Sink	9121074-01	Drinking Water	12/12/2019 12:20	12/12/19 14:33	

Report Narrative

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Definitions

RL Reporting Limit

Certifications

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

Approved By

Rebecca Erwin
Project Manager



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950 West Main Street
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 P: (724) 463-8378 x 500
 F: (724) 465-4209
 PADEP: 43-04934

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

Reported: 12/13/2019 07:23

Lab Sample ID#: 9121074-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler:
Client Sample ID: 802 Room 617 Sink

Sample Date: 12/12/2019 12:20
Receipt Date: 12/12/2019 14:33

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Field Analysis	Analytical Method: SM4500-Cl G-11		Prep Method: No Prep - Field				
Chlorine, Free	0.790	mg/L		0.200	DEH	12/12/19 12:20	12/12/19 12:20

ENVIRONMENTAL SERVICE LABORATORIES, INC.

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9121074

FOR INTERNAL LABORATORY USE ONLY

3E 1 OF 1

Sample Identification	ESL#	Sample Type		Matrix	# of Bottles	Container Type	Analysis Requested
		Grab	Time				
Distribution: <u>SDJ</u>	9121074	Date: <u>12/19</u>	Time: <u>12:30</u>	DW	Field	Field	Free Chlorine <u>7.9</u> mg/L
<div style="border: 1px solid black; padding: 5px;"> <p>ROTATION</p> <p>Wk 1 - 801 Kitchen Sink</p> <p>Wk 2 - 802 Room 617 Sink</p> <p>Wk 3 - 803 Room 606 Sink</p> <p>Wk 4 - 804 Room 408 Sink</p> <p>Wk 5 - 802 Room 617 Sink</p> </div>							
<p>THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.</p> <p>1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW.)</p> <p>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.</p>							
<p>Sampled By: (Signature) <u>[Signature]</u> Date/ Time <u>12/19 12:30</u></p> <p>Relinquished By: (Signature) <u>[Signature]</u> Date/ Time <u>12/19 12:30</u></p> <p>Relinquished By: (Signature) _____ Date/ Time _____</p> <p>Relinquished By: (Signature) _____ Date/ Time _____</p>				<p>Received By: (Signature) <u>[Signature]</u> Date/ Time <u>12/19 14:30</u></p> <p>Received By: (Signature) _____ Date/ Time _____</p> <p>Received By: (Signature) _____ Date/ Time _____</p>			
<p>Correct Preservations Y / N / NA</p>				<p>Correct Containers Y / N / NA</p>			
<p>Notes/Special Instructions: Dassa McKinney Elementary - Weekly</p>				<p>Company/Name: MONITEAU SCHOOL DISTRICT</p> <p>Address: 391 HOOKER ROAD</p> <p>WEST SUNBURY, PA 16061</p> <p>JEFFREY CAMPBELL</p> <p>Contact Person: 724-406-4426</p> <p>Phone Number: jcampbell@moniteau.k12.pa.us</p> <p>Cell Phone: 5100316</p> <p>Email Address: 5100316</p> <p>Billing Address: 5100316</p> <p>PWSID: 5100316</p>			

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	1013	FREE CHLORINE	301	0.27	120519	801		120519	D	1240	32382	9120484-01	BROWNKA_70
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	801		120519	D	1240	32382	9120484-01	BROWNKA_71
5100316	1013	FREE CHLORINE	301	0.79	121219	802		121219	D	1220	32382	9121074-01	BROWNKA_350



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PADEP: 41-04880

950 West Main Street
Sharpville, PA 16150
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F: (724) 465-4209
PADEP: 43-04934

20 December 2019

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

Work Order: 9121700
Project: Drinking Water Dassa McKinney - Weekly
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
803 Room 606 Sink	9121700-01	Drinking Water	12/19/2019 12:10	12/19/19 15:08	

Report Narrative

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Definitions

RL Reporting Limit

Certifications

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Approved By

Rebecca Erwin
Project Manager



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

Reported: 12/20/2019 09:37

Lab Sample ID#: 9121700-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: 803 Room 606 Sink

Sample Date: 12/19/2019 12:10
Receipt Date: 12/19/2019 15:08

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Field Analysis							
		Analytical Method: SM4500-Cl G-11			Prep Method: No Prep - Field		
Chlorine, Free	0.640	mg/L		0.200	PFS	12/19/19 12:10	12/19/19 12:10

ENVIRONMENTAL SERVICE LABORATORIES, INC.

HEADQUARTER
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FOR INTERNAL LABORATORY USE ONLY

SAMPLE REQUEST & CHAIN OF CUSTODY



9121700

3E 1 OF 1

Sample Identification	ESL# 9121700	Sample Type Grab	Matrix	# of Bottles	Container Type Preservative	Analysis Requested
Distribution: <u>603</u>	Date 12/19/10	Time 12:10	DW	Field	Field	Free Chlorine <u>64</u> mg/L
<p>ROTATION</p> <p>Wk 1 - 801 Kitchen Sink</p> <p>Wk 2 - 802 Room 617 Sink</p> <p>Wk 3 - 803 Room 606 Sink</p> <p>Wk 4 - 804 Room 408 Sink</p> <p>Wk 5 - 802 Room 617 Sink</p>						

Notes/Special Instructions:
Dassa McKinney Elementary - Weekly

1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW.)
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THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.

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

Billing Address: **5100316**

PWSID: **5100316**

Received By: (Signature) [Signature] Date/ Time 12/19/10 15:08

Relinquished By: (Signature) [Signature] Date/ Time 12/19/10 14:45

Relinquished By: (Signature) _____ Date/ Time _____

Relinquished By: (Signature) _____ Date/ Time _____

Correct Preservations Y / N (NA) Correct Containers Y / N (NA) Receipt Temperature _____

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	1013	FREE CHLORINE	301	0.27	120519	801		120519	D	1240	32382	9120484-01	BROWNKAT H_307
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	801		120519	D	1240	32382	9120484-01	BROWNKAT H_309
5100316	1013	FREE CHLORINE	301	0.79	121219	802		121219	D	1220	32382	9121074-01	BROWNKAT H_308
5100316	1013	FREE CHLORINE	301	0.64	121919	803		121919	D	1210	32382	9121700-01	BROWNKAT H_305



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PADEP: 63-04247

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PADEP: 41-04880

950 West Main Street
Sharpsville, PA 16150
P: (724) 463-8378 x 500
F: (724) 465-4209
PADEP: 43-04934

24 December 2019

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

Work Order: 9121920
Project: Drinking Water Dassa McKinney - Weekly
Project Description: Drinking Water

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
804 Room 408 Sink	9121920-01	Drinking Water	12/23/2019 09:05	12/23/19 14:27	

Report Narrative

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Definitions

RL Reporting Limit

Certifications

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

Approved By

Rebecca Erwin
Project Manager



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 PADEP: 43-04934

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

Reported: 12/24/2019 15:59

Lab Sample ID#: 9121920-01
Sample Type: Drinking Water
Sample Source: Grab
Sampler: Paul Somogyi
Client Sample ID: 804 Room 408 Sink

Sample Date: 12/23/2019 09:05
Receipt Date: 12/23/2019 14:27

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Field Analysis							
Analytical Method: SM4500-Cl G-11				Prep Method: No Prep - Field			
Chlorine, Free	0.460	mg/L		0.200	PFS	12/23/19 09:05	12/23/19 09:05

ENVIRONMENTAL SERVICE LABORATORIES, INC.

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NORTHERN DIVISION
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(570) 32
FAX: (570) 32

LABORATORY DIVISION



9121920

FOR INTERNAL LABORATORY USE

3E 1 OF 1

Sample Identification	ESL#	Sample Type	# of Bottles	Container Type Preservative	Analysis Requested
	804	Grab			
Distribution:	9121920	Date	Matrix	Field	mg/L
	0905	0905	DW		46

ROTATION					
Wk 1 - 801 Kitchen Sink					
Wk 2 - 802 Room 617 Sink					
Wk 3 - 803 Room 606 Sink					
Wk 4 - 804 Room 408 Sink					
Wk 5 - 802 Room 617 Sink					

THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.

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Notes/Special Instructions: **Dassa McKinney Elementary - Weekly**

Company/Name: **MONITEAU SCHOOL DISTRICT**

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

Contact Person: **724-406-4426**

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

Cell Phone: **5100316**

Billing Address: **5100316**

PWSID: **5100316**

Sampled By: (Signature)	Date/ Time	Received By: (Signature)	Date/ Time
	12/23/19 0905		12/23/19 14:27
Relinquished By: (Signature)	Date/ Time	Received By: (Signature)	Date/ Time
	12/23/19 1400		
Relinquished By: (Signature)	Date/ Time	Received By: (Signature)	Date/ Time
Correct Preservations Y/N/NA	Correct Containers Y/N/NA	Receipt Temperature	

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	1013	FREE CHLORINE	301	0.27	120519	801		120519	D	1240	32382	9120484-01	BROWNKA_70
5100316	3100	TOTAL COLIFORM PRESENCE	331	0.0	120619	801		120519	D	1240	32382	9120484-01	BROWNKA_71
5100316	1013	FREE CHLORINE	301	0.79	121219	802		121219	D	1220	32382	9121074-01	BROWNKA_350
5100316	1013	FREE CHLORINE	301	0.64	121919	803		121919	D	1210	32382	9121700-01	BROWNKA_900
5100316	1013	FREE CHLORINE	301	0.46	122319	804		122319	D	0905	32382	9121920-01	BROWNKA_898

**Moniteau School District
Maintenance Department
Moniteau High School
Monthly Wastewater Plant
Report
December 2019**



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME: MONITEAU SCH DIST
 ADDRESS: 1810 W SUNBURY RD, WEST SUNBURY, PA , 16061-1220
 FACILITY: MONITEAU JR SR HIGH SCHOOL
 LOCATION: 1810 W SUNBURY RD, WEST SUNBURY, PA , 16061-1220
 STAGE: Final Effluent

PA0091341
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 12/01/2019
 DMR Effective To: 12/31/2019
 Permit Expires: 05/31/2022
 Permit Application Due: 12/02/2021
 No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2019	12	01	2019	12	31

FROM

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	SAMPLE MEASUREMENT	***		7.32	***	***	***	1/week	Grab
	PERMIT REQUIREMENT	***		4.0 Min	***	***	mg/L	1/week	Grab
pH (00400)	SAMPLE MEASUREMENT	***		6.04	***	7.12	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***		6.0 Min	***	9.0 Max	S.U.	1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***		***	***	<5.0	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***		***	***	30 Avg Mo	mg/L	2/month	Grab
Total Nitrogen (00600)	SAMPLE MEASUREMENT	***		***	***	22.9	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***		***	***	Monitor & Report Avg Mo	mg/L	2/month	Grab
Total Phosphorus (00665)	SAMPLE MEASUREMENT	***		***	***	3.5	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***		***	***	Monitor & Report Avg Mo	mg/L	2/month	Grab
Ultraviolet light intensity (49607)	SAMPLE MEASUREMENT	***		***	***	5.12	µw/cm²	1/week	Grab
	PERMIT REQUIREMENT	***		***	***	Monitor & Report Avg Mo	µw/cm²	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002533		***	***	***		1/week	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	***	***	***	M/GD		1/week	Measured

DISCHARGE MONITORING REPORT (DMR)

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***		<1.0	<1.0	<1.0		2/month	Grab
	PERMIT REQUIREMENT	***		2000 Geo Mean	10000 IMAX		No./100 ml	2/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	***		<4.5	***	***		2/month	Grab
	PERMIT REQUIREMENT	***		25 Avg Mo	***	***	mg/L	2/month	Grab
Facility Comments									

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER

Moniteau High School Sewage Treatment Plant				Daily Operations Worksheet					
Permit # PA0091341				DECEMBER 2019					
Date	Day	#1 PH	#1 DO	#2 PH	#2 DO	Month UV	Meter Reading	Time	Operator
12/13	Tues.	6.71	11.93	6.57	10.69	4.9		08:00A	JEFF C
12/14	Wed	6.70	11.87	6.65	11.03	5.6		1:00 PM	JEFF C
12/15	Thurs.	6.79	11.76	AERATION		4.5		07:00A	JEFF C
12/16	Fri	6.80	11.73	6.69	11.07	5.1		1:00 PM	JEFF C
12/19	Mon	6.86	11.38	6.50	10.81	5.0		08:00A	JEFF C
12/10	Tues	6.92	10.02	6.61	10.05	4.6		08:00A	JEFF C
12/11	Wed	6.87	9.93	6.32	8.64	3.8		12:00P	JEFF R
12/12	Thurs	6.15	10.37	Aeration		5.4		11:15A	JEFF R
12/13	Fri	6.36	7.32	6.31	9.42	5.4		11:00A	JEFF R
12/16	Mon	7.12	11.41	6.92	10.31	6.0		07:30A	JEFF C
12/17	Tues	7.10	11.37	6.90	10.30	6.0		07:30A	JEFF C
12/18	Wed	6.57	11.42	6.82	10.21	5.5		5:00P	JEFF C
12/19	Thurs	6.19	11.56	6.71	10.19	5.0		08:00A	JEFF C
12/20	Fri	6.14	11.82	6.56	11.32	5.0		09:30A	JEFF C
12/23	Mon	6.04	11.90	6.19	11.94	5.0		09:30A	JEFF C
12/24	Tues	6.09	11.57	6.19	11.67	5.0		08:00A	JEFF C
12/25	Wed	6.11	11.71	6.20	11.42	5.0		07:30A	JEFF C
12/26	Thurs	6.15	11.43	6.22	11.38	5.0		10:00A	JEFF C
12/27	Fri	6.21	11.33	AERATION		5.3		12:00 N	JEFF C
12/30	Mon	6.18	11.16	6.32	11.33	5.2		11:00A	JEFF C
						TOTALS	102.3	78,521	

NO School
 NO School
 NO School
 NO School
 NO School
 NO School

Moniteau High School
SEWAGE TREATMENT PLANT
MONTHLY WORK SHEET FOR DEC. 2019

FLOW $78,521 \div 31 = 2,533$ Daily Avg.

U.V. $102.3 \div 20 = 5.12$ Daily Avg.

PH Low 6.04 #1 BASIN 12/23

High 7.12 #1 BASIN 12/16

D.O. Low 7.32 #1 BASIN 12/13

High 11.94 #2 BASIN 12/23

TOTAL Nitrogen - $24.2 + 21.6 = 45.8 \div 2 = 22.9$ mgL.

TOTAL Suspended Solids - $<5 + <5 = <5$ mgL

NITRATE / Nitrite - $24.2 + 21.6 = 45.8 \div 2 = 22.9$ mgL.

Phosphorus - $4.3 + 2.7 = 7 \div 2 = 3.5$ mgL

CBOD - $<3.00 + <6.00 = <9 \div 2 = <4.5$ mgL

Fecal Coliforms - $<1 + <1 = <1$ mgL.

Your eDMR Report Has Been Received For Permit No. PA0091341

From: depgreenporthelpdesk@state.pa.us

To: monwarrior2003@yahoo.com; monwarrior2003@yahoo.com; mcafoose92@hotmail.com

Date: Monday, January 6, 2020, 11:53 AM EST

This email is to confirm that the following report was received by DEP through the eDMR system:

Facility Name: MONITEAU JR SR HIGH SCHOOL

Permit Number: PA0091341

Report Frequency: Monthly

Report Type: DMR

Reporting Period: 12/01/2019-12/31/2019

Report Due Date: 01/28/2020

Submitted By: Jeffrey Campbell

Submission Id: 183279

Submission Status: Received

Submission Type: Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



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 December 2019

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

Work Order: 9120480
Project: Wastewater
Project Description: Wastewater

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Effluent Outfall 001	9120480-01	Waste Water	12/05/2019 11:00	12/5/19 15:15	

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.

TKN subcontracted to Summit Environmental Technologies, Inc., PA-DEP ID 68-01335; please see attached subcontract laboratory Report of Analysis for results.

Definitions

- MH Matrix Spike recovery exceeded the laboratory acceptance criteria; result may be biased high.
- C CBOD/ BOD dilutions did not meet method criteria of 1.0 mg/L final DO and/or 2.0 mg/L loss (depletion); results are estimated.
- RL Reporting Limit
- CFU Colony Forming Units

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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Sharpsville, PA 16150
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F: (724) 465-4209
PADEP: 43-04934

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

Reported: 12/18/2019 11:46

Lab Sample ID#: 9120480-01
Sample Type: Waste Water
Sample Source: Grab
Sampler: Client
Client Sample ID: Effluent Outfall 001

Sample Date: 12/05/2019 11:00
Receipt Date: 12/05/2019 15:15

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
General Chemistry	Analytical Method: CALC			Prep Method: [CALC]			
Total Nitrogen	24.2	mg/L		0.500	DAA	12/09/19 10:27	12/10/19 12:15
General Chemistry	Analytical Method: SM2540 D-11			Prep Method: No Prep - WetChem			
Total Suspended Solids	<5	mg/L		5	LMB	12/11/19 09:14	12/11/19 11:10
General Chemistry	Analytical Method: SM4500-NO3 E-11			Prep Method: No Prep - WetChem			
Nitrate/Nitrite	24.2	mg/L	MH	0.500	DAA	12/09/19 10:27	12/10/19 12:15
General Chemistry	Analytical Method: SM4500-P E-11			Prep Method: No Prep - WetChem			
Phosphorus	4.3	mg/L		1.0	JPD	12/17/19 17:33	12/17/19 17:50
General Chemistry	Analytical Method: SM5210 B-11			Prep Method: No Prep - WetChem			
Carbonaceous Biochemical Oxygen Demand	<3.00	mg/L	C	3.00	JAW/AW	12/06/19 17:20	12/11/19 11:15
Microbiology	Analytical Method: Colilert-18			Prep Method: No Prep - Micro			
Fecal Coliforms	<1	MPN/100 mL		1	ANP	12/05/19 15:43	12/06/19 11:03

**ENVIRONMENTAL SERVICE
LABORATORIES, INC.**

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 LABORATORY USE

NORTHERN DIVISION
435 Broad Street
Monitour
(570) 32
FAX: (570) 465-4209



9120480

NORTHWEST DIVISION
Street
e, PA 16150
-TEST
(724) 465-4209



SAMPLE REQUEST & CHAIN OF CUSTODY

Sample Identification	ESL#	Sample Type				Matrix	# of Containers	Container Type Preservative	Analysis Requested
		Composite Date on/off	Time on/off	Grab Date	Time				
Effluent Outfall 001	9120480					WW	1 ✓	Poly 1000mL None	CBOD, TSS pH
	CA			12/5/19	11:00 AM	WW	1 ✓	Poly 1000mL H2SO4	Total Nitrogen, Total Phosphorus 7
						WW	1 ✓	Sterile Plastic 125mL Na2S2O3	Fecal Coliform
<p>THE UNDERSIGNED PURCHASER HEREBY AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER 31 DAYS OLD.</p> <p>1. THESE SERVICE CHARGES WILL ACCRUE AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM OR THE MAXIMUM ALLOWED BY LAW).</p> <p>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.</p>									
Sampled By: (Signature)		12/5/19 11:00 AM		Date/ Time					
Relinquished By: (Signature)		12/5/19 1055		Date/ Time					
Relinquished By: (Signature)		12/5/19 1508		Date/ Time					
Relinquished By: (Signature)				Date/ Time					
Received By: (Signature)		12-5-19 12:55		Date/ Time					
Received By: (Signature)		12/5/19 15:15		Date/ Time					
Received By: (Signature)				Date/ Time					
Received By: (Signature)				Date/ Time					
<p>Project Notes:</p> <p>Wastewater</p> <p>Company/Name: MONITEAU SCHOOL DISTRICT</p> <p>Contact Person: JEFFREY CAMPBELL</p> <p>Address: 1810 WEST SUNBURY ROAD</p> <p>Phone / Cell: 724-406-4426</p> <p>Email: jcampbell@moniteau.k12.pa.us</p>									
Correct Preservations Y / N / NA		Correct Containers Y / N / NA		Receipt Temperature					



SAMPLE RECEIPT AND REVIEW FORM

PART A: General Information



9120480

Client: <u>Monteau SD</u>		Work Order: _____	
Received by: <u>JWO</u>	Date/Time Received: <u>12/5/15 15:15</u>	Date Sampled: <u>12/5/15</u>	
Method of Delivery: FedEx UPS Client Drop off <u>ESL courier</u> Other: _____			
Sample Receipt Temp: <u>2.6</u>	Samples Received on Ice: <u>YES</u> 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 ECMPN	Fecal Coliform TC/EC
Sample State of Collection: <u>PA</u> NY OH WV Other: _____	PWSID COMPLIANCE DRINKING WATER SAMPLES: YES <u>NO</u>		

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	<u>N/A</u>	Sample ID's and containers affected:	YES NO
Other Comments:					Deficiency Log Created: Yes <u>NO</u>



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

December 13, 2019

Rebecca Erwin
Environmental Service Laboratories Inc
1803 Philadelphia Street
Indiana, PA 15701
TEL:
FAX:

RE: 9120480

Dear Rebecca Erwin:

Order No.: 19120409

Summit Environmental Technologies, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Holly Florea
Project Manager
3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 07256CA, Colorado, Connecticut PH-0108, Delaware, Florida NELAC E87688, Georgia E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Louisiana 04061, Maryland 339, Minnesota 409711, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 9940, Oregon OH200001, Pennsylvania 010, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-11-5, Utah OH009232011-1, Virginia VELAP 9456, Washington C891



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
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Website: <http://www.settek.com>

Case Narrative

WO#: 19120409
Date: 12/13/2019

CLIENT: Environmental Service Laboratories Inc
Project: 9120480

This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Original



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Workorder Sample Summary

WO#: **19120409**
13-Dec-19

CLIENT: Environmental Service Laboratories Inc
Project: 9120480

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
19120409-001	9120480-01		12/5/2019 11:00:00 AM	12/6/2019 10:00:00 AM	Non-Potable Water



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Website: <http://www.settek.com>

Analytical Report

(consolidated)

WO#: **19120409**

Date Reported: **12/13/2019**

CLIENT: Environmental Service Laboratories Inc

Collection Date: 12/5/2019 11:00:00 AM

Project: 9120480

Lab ID: 19120409-001

Matrix: NON-POTABLE WATER

Client Sample ID 9120480-01

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL KJELDAHL NITROGEN (4500-NH3-D) 2011					A4500-NH3-D A4500-NOR	Analyst: DNS
Nitrogen, Total Kjeldahl	ND	0.500		mg/L	1	12/12/2019 6:40:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit

M Manual Integration used to determine area response
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

Original



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 Cuyahoga Falls, Ohio 44223
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 Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 19120409
 13-Dec-19

Client: Environmental Service Laboratories Inc
Project: 9120480

Batch ID: 40924

Sample ID	MB-40924	SampType:	MBLK	TestCode:	TKN_NPW(45	Units:	mg/L	Prep Date:	12/10/2019	RunNo:	106963
Client ID:	PBW	Batch ID:	40924	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	12/12/2019	SeqNo:	2519450
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl	ND	0.500									

Sample ID	LCS-40924	SampType:	LCS	TestCode:	TKN_NPW(45	Units:	mg/L	Prep Date:	12/10/2019	RunNo:	106963
Client ID:	LCSW	Batch ID:	40924	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	12/12/2019	SeqNo:	2519451
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl	11.8	0.500	12.50	0	94.4	85	115				

Sample ID	RLC-40924	SampType:	RLC	TestCode:	TKN_NPW(45	Units:	mg/L	Prep Date:	12/10/2019	RunNo:	106963
Client ID:	BatchQC	Batch ID:	40924	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	12/12/2019	SeqNo:	2519452
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl	ND	0.500	0.5000	0	81.0	50	150				

Sample ID	19120391-001AMS	SampType:	MS	TestCode:	TKN_NPW(45	Units:	mg/L	Prep Date:	12/10/2019	RunNo:	106963
Client ID:	BatchQC	Batch ID:	40924	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	12/12/2019	SeqNo:	2519454
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl	12.3	0.500	12.50	0	98.4	80	120				

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or anal.
	J	Analyte detected below quantitation limits	M	Manual Integration used to determine area response	MC	Value is below Minimum Compound
	ND	Not Detected	P	Second column confirmation exceeds	PL	Permit Limit
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	S	Spike Recovery outside accepted reco



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QC SUMMARY REPORT

WO#: 19120409
 13-Dec-19

Client: Environmental Service Laboratories Inc
Project: 9120480

Batch ID: 40924

Sample ID 19120391-001AMS Samp Type: MS TestCode: TKN_NPW(45) Units: mg/L Prep Date: 12/10/2019 RunNo: 106963
 Client ID: BatchQC Batch ID: 40924 TestNo: A4500-NH3-D A4500-NorgC Analysis Date: 12/12/2019 SeqNo: 2519454
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID 19120391-001AMSD Samp Type: MSD TestCode: TKN_NPW(45) Units: mg/L Prep Date: 12/10/2019 RunNo: 106963
 Client ID: BatchQC Batch ID: 40924 TestNo: A4500-NH3-D A4500-NorgC Analysis Date: 12/12/2019 SeqNo: 2519455
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
 Nitrogen, Total Kjeldahl 11.9 0.500 12.50 0 95.2 80 120 12.30 3.31 20

Sample ID 19120400-001ADUP Samp Type: DUP TestCode: TKN_NPW(45) Units: mg/L Prep Date: 12/10/2019 RunNo: 106963
 Client ID: BatchQC Batch ID: 40924 TestNo: A4500-NH3-D A4500-NorgC Analysis Date: 12/12/2019 SeqNo: 2519477
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
 Nitrogen, Total Kjeldahl ND 0.500 0 0 0 0 20

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range H Holding times for preparation or anal;
 J Analyte detected below quantitation limits M Manual Integration used to determine area response MC Value is below Minimum Compound
 ND Not Detected P Second column confirmation exceeds PL Permit Limit Original
 R RPD outside accepted recovery limits RL Reporting Detection Limit S Spike Recovery outside accepted reco



Qualifiers and Acronyms

WO#: 19120409
Date: 12/13/2019

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.

Original



SUMMIT
 ENVIRONMENTAL TECHNOLOGIES, INC.
 Analytical Laboratories

Summit Environmental Technologies, Inc.
 3310 Win St.
 Cuyahoga Falls, Ohio 44223
 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

DATES REPORT

WO#: 19120409
 13-Dec-19

Client: Environmental Service Laboratories Inc
Project: 9120480

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
19120409-001A	9120480-01	12/5/2019 11:00:00 AM	Non-Potable Water	Total Kjeldahl Nitrogen (4500-NH3-D		12/10/2019 2:45:00 PM	12/12/2019 6:40:00 PM

Original



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Cuyahoga Falls, Ohio 44223
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Accreditation Program Analytes Report

WO#: 19120409
13-Dec-19

Client: Environmental Service Laboratories Inc
Project: 9120480

State: PA
Program Name: Pennsylvania DEP

Test Name	Matrix	Analyte	Status
Total Kjeldahl Nitrogen (4500-NH3-D) 2011	Non-Potable Water	Nitrogen, Ammonia	A

Key

PA-NELAP A Accredited

Original #1

SUBCONTRACT ORDER
Environmental Service Laboratories, Inc.
9120480

19120409

Please report all results to reports@envlabs.com. Contact ESL with any questions.

Page 1 of 1

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:

Summit Environmental Technologies, Inc.
 3310 Win Street
 Cuyahoga Falls, OH 44223
 Phone :(330) 253-8211
 Fax: (330) 253-4489

State of Origin: PA

Analysis	Due	Expires	Comments
Sample ID: 9120480-01			alt 1
Matrix: Water	Sampled: 12/05/2019 11:00	Sample Type: Grab	
Total Kjeldahl Nitrogen		12/17/2019 23:00 01/02/2020 11:00	
Containers Supplied: Poly 250mL, H2SO4 (D)			

Released By:  Date: 12/5/19

Received By: Jackie Resid Date: 12.6.19/1000

Released By: _____ Date: _____

Received By: _____ Date: _____



ups/courier/s



Summit Environmental Technologies, Inc.
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 Cuyahoga Falls, Ohio 44223
 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

Sample Log-In Check List

Client Name: **ENV-PA-15701** Work Order Number: **19120409** RcptNo: **1**

Logged by: **Jacqueline Rasile** 12/6/2019 10:00:00 AM *Jacqueline Rasile*
 Completed By: **Jacqueline Rasile** 12/6/2019 3:52:09 PM *Jacqueline Rasile*
 Reviewed By: **Holly Florea** 12/9/2019 5:17:48 PM *Holly Florea*

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 Custody seals intact on shipping container/cooler? Yes No Not Present
 No. Seal Date: Signed By:
 5. Was an attempt made to cool the samples? Yes No NA
 6. Were all samples received at a temperature of >0° C to 6.0°C? Yes No NA
 7. Sample(s) in proper container(s)? Yes No
 8. Sufficient sample volume for indicated test(s)? Yes No
 9. Are samples (except VOA and ONG) properly preserved? Yes No
 10. Was preservative added to bottles? Yes No NA
 11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes No No VOA Vials
 12. Were any sample containers received broken? Yes No
 13. Does paperwork match bottle labels? Yes No
 (Note discrepancies on chain of custody)
 14. Are matrices correctly identified on Chain of Custody? Yes No
 15. Is it clear what analyses were requested? Yes No
 16. Were all holding times able to be met? Yes No
 (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good	Not Present			



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
 Sharpville, PA 16150
 P: (724) 463-8378 x 500
 F: (724) 465-4209
 PADEP: 43-04934

03 January 2020

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

Work Order: 9121693
Project: Wastewater
Project Description: Wastewater

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
Effluent Outfall 001	9121693-01	Waste Water	12/19/2019 12:35	12/19/19 14:50	

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.

TKN subcontracted to Summit Environmental Technologies, Inc., PA-DEP ID 68-01335; please see attached subcontract laboratory Report of Analysis for results.

Definitions

- BB Dilution water blank exceeded method acceptance criteria of 0.20 mg/L DO loss.
- RL Reporting Limit
- CFU Colony Forming Units

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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 F: (724) 465-4209
 PADEP: 43-04934

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

Reported: 01/03/2020 14:24

Lab Sample ID#: 9121693-01
Sample Type: Waste Water
Sample Source: Grab
Sampler: Client
Client Sample ID: Effluent Outfall 001

Sample Date: 12/19/2019 12:35
Receipt Date: 12/19/2019 14:50

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
General Chemistry	Analytical Method: CALC			Prep Method: [CALC]			
Total Nitrogen	21.6	mg/L		0.500	DAA	01/02/20 14:41	01/02/20 17:05
General Chemistry	Analytical Method: SM2540 D-11			Prep Method: No Prep - WetChem			
Total Suspended Solids	<5	mg/L		5	LMB	12/23/19 10:10	12/23/19 11:30
General Chemistry	Analytical Method: SM4500-NO3 E-11			Prep Method: No Prep - WetChem			
Nitrate/Nitrite	21.6	mg/L		0.500	DAA	01/02/20 14:41	01/02/20 17:05
General Chemistry	Analytical Method: SM4500-P E-11			Prep Method: No Prep - WetChem			
Phosphorus	2.7	mg/L		0.30	JPD	12/27/19 09:40	12/27/19 11:00
General Chemistry	Analytical Method: SM5210 B-11			Prep Method: No Prep - WetChem			
Carbonaceous Biochemical Oxygen Demand	<6.00	mg/L	BB	6.00	AW	12/20/19 15:15	12/25/19 20:50
Microbiology	Analytical Method: Colilert-18			Prep Method: No Prep - Micro			
Fecal Coliforms	<1	MPN/100 mL		1	ANP	12/19/19 15:15	12/20/19 10:18



SAMPLE RECEIPT AND REVIEW FORM

PART A: General Information



9121693

Client: <u>Monitew</u>		Work Order: <u>9121693</u>	
Received by: <u>Jim Dutton</u> <u>JD DA</u>		Date/Time Received: <u>12/19/19</u> <u>14:50</u>	Date Sampled: <u>12/19/19</u>
Method of Delivery: FedEx UPS Client Drop off <u>ESL courier</u> Other: _____			
Sample Receipt Temp: <u>1.7</u>		Samples Received on Ice: <input checked="" type="radio"/> YES NO	
IR Gun # Used: 1 <input checked="" type="radio"/> 2 3 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: <input checked="" type="radio"/> PA NY OH WV Other: _____		PWSID COMPLIANCE DRINKING WATER SAMPLES: YES <input checked="" type="radio"/> 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	<input checked="" type="radio"/> N/A	Sample ID's and containers affected: YES NO
Other Comments:					Deficiency Log Created: Yes <input checked="" type="radio"/> No



Summit Environmental Technologies, Inc.
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Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

January 03, 2020

Rebecca Erwin
Environmental Service Laboratories Inc
1803 Philadelphia Street
Indiana, PA 15701

TEL:

FAX:

RE: 9121932

Dear Rebecca Erwin:

Order No.: 19121710

Summit Environmental Technologies, Inc. received 1 sample(s) on 12/24/2019 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Holly Florea

Project Manager

3310 Win St.

Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 07256CA, Colorado, Connecticut PH-0108, Delaware, Florida NELAC E87688, Georgia E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Louisiana 04061, Maryland 339, Minnesota 409711, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 9940, Oregon OH200001, Pennsylvania 010, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-11-5, Utah OH009232011-1, Virginia VELAP 9456, Washington C891



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Case Narrative

WO#: 19121710
Date: 1/3/2020

CLIENT: Environmental Service Laboratories Inc
Project: 9121932

This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Original



SUMMIT
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Analytical Laboratories

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3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Workorder Sample Summary

WO#: 19121710
03-Jan-20

CLIENT: Environmental Service Laboratories Inc
Project: 9121932

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
19121710-001	9121693-01		12/19/2019 12:35:00 PM	12/24/2019 11:30:00 AM	Non-Potable Water



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Analytical Report

(consolidated)

WO#: 19121710

Date Reported: 1/3/2020

CLIENT: Environmental Service Laboratories Inc **Collection Date:** 12/19/2019 12:35:00 PM
Project: 9121932
Lab ID: 19121710-001 **Matrix:** NON-POTABLE WATER
Client Sample ID 9121693-01

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL KJELDAHL NITROGEN (4500-NH3-D) 2011					A4500-NH3-D	A4500-NOR Analyst: DNS
Nitrogen, Total Kjeldahl	ND	0.500		mg/L	1	1/2/2020 4:02:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded M Manual Integration used to determine area response
 ND Not Detected PL Permit Limit
 RL Reporting Detection Limit W Sample container temperature is out of limit as specified at testcode

Original



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QC SUMMARY REPORT

WO#: 19121710
 03-Jan-20

Client: Environmental Service Laboratories Inc
Project: 9121932

BatchID: 41213

Sample ID	MB-41213	SampType:	MBLK	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	PBW	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549616		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl		ND		0.500									

Sample ID	LCS-41213	SampType:	LCS	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	LCSW	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549617		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl		12.5		0.500	12.50	0	100	85	115				

Sample ID	RLC-41213	SampType:	RLC	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	BatchQC	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549618		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl		0.636		0.500	0.5000	0	127	50	150				

Sample ID	19121720-001ADUP	SampType:	DUP	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	BatchQC	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549621		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl		2.93		0.500						3.060	4.34	20	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or anal.
	J	Analyte detected below quantitation limits	M	Manual Integration used to determine area response	MC	Value is below Minimum Compound
	ND	Not Detected	P	Second column confirmation exceeds	PL	Permit Limit
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	S	Spike Recovery outside accepted reco



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QC SUMMARY REPORT

WO#: 19121710
03-Jan-20

Client: Environmental Service Laboratories Inc
Project: 9121932

BatchID: 41213

Sample ID	19121720-001ADUP	SampType:	DUP	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	BatchQC	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549621		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	19121715-001AMS	SampType:	MS	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	BatchQC	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549638		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl		12.4		0.500	12.50	0	99.2	80	120				

Sample ID	19121715-001AMSD	SampType:	MSD	TestCode:	TKN_NPW(45)	Units:	mg/L	Prep Date:	12/26/2019	RunNo:	107669		
Client ID:	BatchQC	Batch ID:	41213	TestNo:	A4500-NH3-D	A4500-NorgC		Analysis Date:	1/2/2020	SeqNo:	2549639		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Total Kjeldahl		11.8		0.500	12.50	0	94.4	80	120	12.40	4.96	20	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected below quantitation limits
 ND Not Detected
 R RPD outside accepted recovery limits
 E Value above quantitation range
 M Manual Integration used to determine area response
 P Second column confirmation exceeds
 RL Reporting Detection Limit
 H Holding times for preparation or anal
 MC Value is below Minimum Compound
 PL Permit Limit
 S Spike Recovery outside accepted reco



These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.

Original



SUMMIT
 ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Summit Environmental Technologies, Inc.
 3310 Win St.
 Cuyahoga Falls, Ohio 44223
 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

DATES REPORT

WO#: 19121710
 03-Jan-20

Client: Environmental Service Laboratories Inc
Project: 9121932

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
19121710-001A	9121693-01	12/19/2019 12:35:00 PM	Non-Potable Water	Total Kjeldahl Nitrogen (4500-NH3-D		12/26/2019 12:20:00 P M	1/2/2020 4:02:00 PM

Original



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**Accreditation Program
 Analytes Report**

WO#: 19121710
 03-Jan-20

Client: Environmental Service Laboratories Inc

State: PA

Project: 9121932

Program Name: Pennsylvanis DEP

Test Name	Matrix	Analyte	Status
Total Kjeldahl Nitrogen (4500-NH3-D) 2011	Non-Potable Water	Nitrogen, Ammonia	A

Key

PA-NELAP A Accredited

Original #1

SUBCONTRACT ORDER
Environmental Service Laboratories, Inc.
9121693

19121710

Please report all results to reports@envlabs.com. Contact ESL with any questions.

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:

Summit Environmental Technologies, Inc.
 3310 Win Street
 Cuyahoga Falls, OH 44223
 Phone : (330) 253-8211
 Fax: (330) 253-4489

State of Origin: PA

Analysis	Due	Expires	Comments	
Sample ID: 9121693-01			flr 1	
Matrix: Water	Sampled: 12/19/2019 12:35	Sample Type: Grab		Sampled By: Client
Total Kjeldahl Nitrogen	01/02/2020 23:00	01/16/2020 12:35		
Containers Supplied: Poly 250mL, H2SO4 (D)				

Released By: [Signature] Date: 12/23/19
 Received By: [Signature] Date: 12.24.19/1170



1.9/cod/v/415



Summit Environmental Technologies, Inc.
 3310 Win St.
 Cuyahoga Falls, Ohio 44223
 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

Sample Log-In Check List

Client Name: **ENV-PA-15701**

Work Order Number: **19121710**

RcptNo: **1**

Logged by: **Jacqueline Rasile** **12/24/2019 11:30:00 AM** *Jacqueline Rasile*

Completed By: **Jacqueline Rasile** **12/26/2019 9:41:42 AM** *Jacqueline Rasile*

Reviewed By: **Brian J. Fackelman - 2** **12/26/2019 3:16:56 PM** *Brian J. Fackelman*

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
- Custody seals intact on shipping container/cooler? Yes No Not Present
- No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes No NA
6. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples (except VOA and ONG) properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes No No VOA Vials
12. Were any sample containers received broken? Yes No
13. Does paperwork match bottle labels? Yes No
- (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No
- (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	_____	Date	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good	Not Present			