



WHITE OAK LABORATORY

2997 Ridgway Johnsonburg Road
Ridgway, PA 15853 (814) 772-5927
www.whiteoaklaboratory.com
PA DEP Lab ID 24-05897

January 18, 2023

Greg Rounsville
Smethport Area School District
414 S. Mechanic Street
Smethport, PA 16749

RE: Project: Water Analysis
White Oak Laboratory ID: 23A0043

Dear Greg Rounsville,

Enclosed are the analytical results for the sample(s) received by White Oak Laboratory on January 5, 2023.

Analyses were performed according to our laboratory's quality assurance program and any applicable state requirements. The test results reported herein meet all applicable state and federal requirements unless otherwise noted in project narrative or in the body of the report.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Lauren B. Geer
Operations Manager
lauren@whiteoaklaboratory.com

Enclosures



Project Narrative:

Metals analysis subcontracted to Environmental Service Laboratories. Please see attached report.

Definitions:

- Unless otherwise noted, results for solid analysis are reported on a dry-weight basis.
Quantitation limits are adjusted accordingly when samples are analyzed at a dilution.
- QL Quantitation Limit – The minimum concentration of the analyte that can be reported with a specified degree of confidence.
< Represents "less than". Use indicates that the result was less than the Quantitation Limit.
> Represents "greater than". Use indicates that the result was more than the maximum quantitation range of the test.
P/A Present or Absent
[calc] Calculated result. Calculations use results from the performance of accredited methods, unless otherwise noted.

Data Qualifier Codes:

- A1: Sample received without proper chemical preservation.
A2: Sample received with improper preservation.
A3: Sample was received without proper thermal preservation.
A4: Sample contained residual chlorine. Sample was from a non-chlorinated source.
A5: Sample contained residual chlorine. Sample was not properly dechlorinated.
A6: Sample was not collected in the required container.
A7: Sample was received at the laboratory after the expiration of the holding time.
A8: Sample Contains headspace. Valid sample collection requires no headspace.
A9: Description on Chain of Custody does not match sample received at the laboratory.
A10: Collection information does not meet sample acceptance criteria.
A11: Sample was compromised during transit.
A12: Insufficient sample quantity supplied to the laboratory to meet method or QC requirements.
- S1: White Oak Laboratory LLC does not hold accreditation from the PA-DEP for this field of accreditation.
S2: This test was subcontracted. Please see attached report for laboratory ID and results.
- P1: Sample analyzed with 18-hour Colilert.
P2: Sample received at the laboratory un-filtered. Sample is required to be 0.45µm filtered within 15 minutes of sampling. Results are estimated.
P3: Combined Nitrite-N and Nitrite-N analysis performed from a H₂SO₄ preserved bottle.
- E1: Refrigerator did not maintain the required temperature for sample storage. Results are estimated.
E2: Sample was incubated longer than the acceptable time range. Results are estimated.
E3: Sample was incubated shorter than the acceptable time range. Results may be biased low.
E4: Incubator temperature was outside the acceptable temperature range. Results are estimated.
E5: Water bath temperature was outside the acceptable temperature range. Results are estimated.
E6: Oven temperature was outside the acceptable temperature range. Results are estimated.
E7: Hotplate or Hotblock temperature was outside the acceptable temperature range. Results are estimated.
- Q1: Results obtained from an initial calibration that does not meet acceptance criteria. Results are estimated.
Q2: Target analyte was measured in the laboratory method blank at or above the quantitation limit.
Q3: Target analyte was found in the field blank and/or trip blank.
Q4: The laboratory control sample (LCS) recovery was above acceptance limits. Results may be biased high.
Q5: The laboratory control sample (LCS) recovery was below acceptance limits. Results may be biased low.
Q6: The continuing calibration verification (CCV) recovery was above acceptance limits. Results may be biased high.
Q7: The continuing calibration verification (CCV) recovery was below acceptance limits. Results may be biased low.
Q8: The duplicate RPD was outside acceptance limits. Results are estimated.
Q9: The initial calibration verification (ICV) recovery was above acceptance limits. Results may be biased high.
Q10: The initial calibration verification (ICV) recovery was below acceptance limits. Results may be biased low.
Q11: Sample was prepared outside the required holding time. Results may be biased low.
Q12: Sample was analyzed outside the required holding time. Results may be biased low.
Q13: The matrix spike recovery was above acceptance limits. Results may be biased high.
Q14: The matrix spike recovery was below the acceptance limits. Results may be biased low.
Q15: The BOD/CBOD analysis did not meet the minimum DO depletion of at least 2 mg/L.
Q16: The BOD/CBOD analysis did not meet the minimum residual DO of at least 1 mg/L.
Q17: The results are below the quantitation limit but above the method detection limit. Results are estimated.
Q18: The result exceeds the upper limit of quantitation. Results are estimated.
Q19: Plate count was outside the target range of positive organisms. Results are estimated.
Q20: The sample matrix interfered with the analytical equipment or test method. Results are estimated.
Q21: Breakthrough into second column is greater than 10%. Result may be biased low.
Q22: Sample analysis did not achieve method requirement of 2.5-200mg of residue. Results are estimated.
Q23: The BOD/CBOD dilution water exceeded the maximum DO depletion of 0.2 mg/L.
Q24: Replicate Analysis RPD exceeded acceptance limits. Results are estimated.



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

16 January 2023

White Oak Laboratory
Attn: Lauren Geer
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Work Order: 23A1298
Project: Water Test

Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received	Sample Notes
23A0043-6A	23A1298-01	Water	12/29/2022 14:34	1/12/23 16:00	
23A0043-6B	23A1298-02	Water	12/29/2022 14:38	1/12/23 16:00	
23A0043-6C	23A1298-03	Water	12/29/2022 14:43	1/12/23 16:00	
23A0043-6D	23A1298-04	Water	12/29/2022 15:18	1/12/23 16:00	
23A0043-6E	23A1298-05	Water	12/29/2022 14:48	1/12/23 16:00	
23A0043-6F	23A1298-06	Water	12/29/2022 14:50	1/12/23 16:00	
23A0043-6G	23A1298-07	Water	12/29/2022 14:51	1/12/23 16:00	
23A0043-6H	23A1298-08	Water	12/29/2022 14:55	1/12/23 16:00	
23A0043-6I	23A1298-09	Water	12/29/2022 14:58	1/12/23 16:00	
23A0043-6J	23A1298-10	Water	12/29/2022 15:30	1/12/23 16:00	
23A0043-6K	23A1298-11	Water	12/29/2022 15:37	1/12/23 16:00	
23A0043-6L	23A1298-12	Water	12/29/2022 15:32	1/12/23 16:00	
23A0043-6M	23A1298-13	Water	12/29/2022 15:38	1/12/23 16:00	
23A0043-6N	23A1298-14	Water	12/29/2022 15:40	1/12/23 16:00	
23A0043-6O	23A1298-15	Water	12/29/2022 15:45	1/12/23 16:00	
23A0043-6P	23A1298-16	Water	12/29/2022 15:46	1/12/23 16:00	
23A0043-6Q	23A1298-17	Water	12/29/2022 15:47	1/12/23 16:00	
23A0043-6R	23A1298-18	Water	12/29/2022 15:49	1/12/23 16:00	
23A0043-6S	23A1298-19	Water	12/29/2022 15:50	1/12/23 16:00	
23A0043-6T	23A1298-20	Water	12/29/2022 15:53	1/12/23 16:00	
23A0043-6U	23A1298-21	Water	12/29/2022 15:54	1/12/23 16:00	
23A0043-6V	23A1298-22	Water	12/29/2022 15:56	1/12/23 16:00	
23A0043-6W	23A1298-23	Water	12/29/2022 15:59	1/12/23 16:00	
23A0043-6X	23A1298-24	Water	12/29/2022 16:00	1/12/23 16:00	
23A0043-6Y	23A1298-25	Water	12/30/2022 12:15	1/12/23 16:00	

Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or interpretation of the data included herein.

Definitions

RL Reporting Limit



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

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

Carrie G. Sutton-White

Carrie Sutton-White
Project Manager





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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-01
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6A

Sample Date: 12/29/2022 14:34
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 05:19	01/13/23 08:46

Lab Sample ID#: 23A1298-02
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6B

Sample Date: 12/29/2022 14:38
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 05:19	01/13/23 09:03

Lab Sample ID#: 23A1298-03
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6C

Sample Date: 12/29/2022 14:43
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	0.005	mg/L		0.005	ANO	01/13/23 05:19	01/13/23 09:06



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-04
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6D

Sample Date: 12/29/2022 15:18
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 05:19	01/13/23 09:08

Lab Sample ID#: 23A1298-05
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6E

Sample Date: 12/29/2022 14:48
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 07:45

Lab Sample ID#: 23A1298-06
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6F

Sample Date: 12/29/2022 14:50
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 07:48



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-07
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6G

Sample Date: 12/29/2022 14:51
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 07:50

Lab Sample ID#: 23A1298-08
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6H

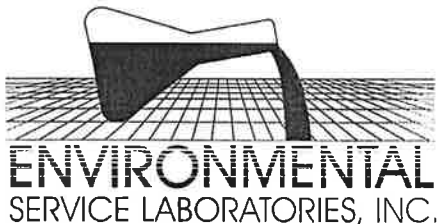
Sample Date: 12/29/2022 14:55
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 07:52

Lab Sample ID#: 23A1298-09
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6I

Sample Date: 12/29/2022 14:58
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 07:55



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-10
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6J

Sample Date: 12/29/2022 15:30
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 07:57

Lab Sample ID#: 23A1298-11
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6K

Sample Date: 12/29/2022 15:37
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:12

Lab Sample ID#: 23A1298-12
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6L

Sample Date: 12/29/2022 15:32
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:17



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: 41-04680

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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-13
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6M

Sample Date: 12/29/2022 15:38
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:19

Lab Sample ID#: 23A1298-14
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6N

Sample Date: 12/29/2022 15:40
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:22

Lab Sample ID#: 23A1298-15
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6O

Sample Date: 12/29/2022 15:45
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals	Analytical Method: EPA200.7 4.4				Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:24



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-16
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6P

Sample Date: 12/29/2022 15:46
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:26

Lab Sample ID#: 23A1298-17
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6Q

Sample Date: 12/29/2022 15:47
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:29

Lab Sample ID#: 23A1298-18
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6R

Sample Date: 12/29/2022 15:49
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:31



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-19
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6S

Sample Date: 12/29/2022 15:50
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:34

Lab Sample ID#: 23A1298-20
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6T

Sample Date: 12/29/2022 15:53
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/13/23 06:08	01/16/23 08:56

Lab Sample ID#: 23A1298-21
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6U

Sample Date: 12/29/2022 15:54
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	0.006	mg/L		0.005	ANO	01/16/23 05:11	01/16/23 09:14



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-22
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6V

Sample Date: 12/29/2022 15:56
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/16/23 05:11	01/16/23 09:16

Lab Sample ID#: 23A1298-23
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6W

Sample Date: 12/29/2022 15:59
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/16/23 05:11	01/16/23 09:34

Lab Sample ID#: 23A1298-24
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6X

Sample Date: 12/29/2022 16:00
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/16/23 05:11	01/16/23 09:36



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

White Oak Laboratory
2997 Ridgway-Johnsonburg Road
Ridgeway, PA 15853

Reported: 01/16/2023 17:16

Lab Sample ID#: 23A1298-25
Sample Type: Water
Sample Source: Grab
Sampler: Client
Client Sample ID: 23A0043-6Y

Sample Date: 12/30/2022 12:15
Receipt Date: 01/12/2023 16:00

Analyte	Sample Result	Units	Data Qualifier	RL	Analyst/ Certification	Prep Date/Time	Analysis Date/Time
Total Metals		Analytical Method: EPA200.7 4.4			Prep Method: EPA 200.7 4.4		
Lead	<0.005	mg/L		0.005	ANO	01/16/23 05:11	01/16/23 09:39



23A1298

TRACT ORDER FORM

Sending Laboratory:

White Oak Laboratory LLC
2997 Ridgway Johnsonburg Road
Ridgway, PA 15853
(814) 772-5927

Project Manager:

Lauren Geer
lauren@whiteoaklaboratory.com

Receiving Laboratory:

Environmental Service Laboratories Inc
1803 Philadelphia Street
Indiana, PA 15701
(724) 463-8378

Project Manager:

Carrie Sutton (Ext. 123)
csutton@envlabs.com

DEP PWS?

[Y] [N]

PWSID#

System Name:

County:

Location Code:

Sample Type:

PWS Contact Info:

Matrix Key: DW: Drinking Water NP: Non Potable Water S: Solid O: Other

Bottle Type Key: P: Plastic G: Glass V: VOA

Sample ID: 23A0043

Collector: GR

Due Date:

Bottle ID	Date & Time	Matrix	Bottle Size (mL)	Bottle Type	Preservative	Grab / Comp	Analysis	Sub Lab Info:
6A	12-29-22 1434	DW	250	P	HNO ₃	G	Lead	23A1298 01
6B	1438							02
6C	1443							03
6D	1518							04
6E	1448							05
6F	1450							06
6G	1451							07
6H	1455							08
6I	1458							09
6J	1530							010
6K	1537							011
6L	1532							012
6M	1538							013
6N	1540							014
6O	1545							015

Comments:

Please email final report and invoice to accounts@whiteoaklaboratory.com.

Method of Delivery:

☐ Sending Lab Courier ☒ Receiving Lab Courier ☐ USPS ☐ FedEx ☐ UPS ☐ Other:
Relinquished: *Missy Hank*

Date/Time: 1/11/23 1820

Received: *BT B Smith*

Date/Time: 1/12/23 0946

Relinquished: *BT B Smith*

Date/Time: 1/12/23

Received: *AL*

Date/Time: 1/12/23 1600


**WHITE OAK
LABORATORY**


23A1298

3CONTRACT ORDER FORM

Sending Laboratory:

White Oak Laboratory LLC
2997 Ridgway Johnsonburg Road
Ridgway, PA 15853
(814) 772-5927

Project Manager:

Lauren Geer
lauren@whiteoaklaboratory.com

Receiving Laboratory:

Environmental Service Laboratories Inc
1803 Philadelphia Street
Indiana, PA 15701
(724) 463-8378

Project Manager:

Carrie Sutton (Ext. 123)
csutton@envlabs.com

DEP PWS?

[Y] **(N)**

PWSID#

System Name:

County:

Location Code:

Sample Type:

PWS Contact Info:

Matrix Key: DW: Drinking Water NP: Non Potable Water S: Solid O: Other

Bottle Type Key: P: Plastic G: Glass V: VOA

Sample ID: 23A0043

Collector: GR

Due Date:

Bottle ID	Date & Time	Matrix	Bottle Size (mL)	Bottle Type	Preservative	Grab / Comp	Analysis	23A1298	Sub Lab Info:
6P	12-29-22 1546	DW	250	P	HNO ₃	G	Lead	014	
6Q	1547							017	
6R	1549							018	
6S	1550							019	
6T	1553							020	
6U	1554 1554							021	
6V	1556 1556							022	
6W	1559							023	
6X	1600							024	
6Y	12-30-22 1215							025	

Comments:

Please email final report and invoice to accounts@whiteoaklaboratory.com.

Method of Delivery:
☐ Sending Lab Courier ☒ Receiving Lab Courier ☐ USPS ☐ FedEx ☐ UPS ☐ Other:

Relinquished: Missy Hank

Date/Time: 1/11/23 1820

Received: [Signature]

Date/Time: 1/12/23 0942

Relinquished: [Signature]

Date/Time: 1/12/23

Received: AL

Date/Time: 1/12/23 1600



SAMPLE RECEIPT AND REVIEW FORM

Client: <u>White Oak</u>	Work <u>23A1298</u>
--------------------------	---------------------

PART A: GENERAL INFORMATION- SATELLITE LABORATORY

Received by/Lab ID:	Date/Time Received: / /
Method of Delivery: Client Drop-Off ESL Courier Other: _____	Received on Ice? YES NO
Sample Receipt Temperature: _____ °C	IR Gun ID: _____
Containers Removed by Satellite Lab for Analysis of: FECAL TC/EC TC MPN EC MPN TC/EC MPN <u>(N/A)</u>	

PART B: GENERAL INFORMATION- INDIANA LABORATORY

Received by/Lab ID: <u>AK/00382</u>	Samples Received on Ice? <u>(YES)</u> NO <u>AK 11/2/21</u>
Date/Time Received: <u>11/2/23</u> <u>1600</u>	Date Sampled: <u>12/29/23</u> <u>12/29/22</u>
Method of Delivery: FedEx UPS Client Drop off <u>(ESL courier)</u> Other: _____	
Sample Receipt Temperature: <u>4.1</u> °C	IR Gun ID: <u>3</u>
Sample State of Collection: <u>(PA)</u> NY OH WV Other: _____	PWSID Compliance Drinking Water Samples: <u>(YES)</u> NO

PART C: Receipt Details Completed (if different from above):

Sample Receipt Criteria	Signature	Date	Time
Chain of custody documents included with samples?	<u>(YES)</u> NO		
COC form is properly signed in relinquished/received sections?	<u>(YES)</u> NO		
Sample containers intact and sealed?	<u>(YES)</u> NO		
Number of containers received matches number indicated on COC?	<u>(YES)</u> NO		
Sample IDs on COC match IDs on bottles?	<u>(YES)</u> NO		
Date and time on COC match date and time on bottles?	<u>(YES)</u> NO		
Samples received within holding time?	<u>(YES)</u> NO		
Samples received at appropriate pH for analysis requested?	<u>(YES)</u> NO		
Samples requiring thermal preservation within 0 ≤ 6°C? Microbiology within 0 ≤ 10°C?	<u>(YES)</u> NO		
Adequate sample volume received?	<u>(YES)</u> NO		
VOA vials free of headspace (defined as < 6 mm bubble)?	YES <u>(NO)</u>		
Other Comments:		Deficiency Log Created: YES <u>(NO)</u>	

Effective Date:

Chain of Custody / Request for Analysis

This chain of custody is a legal document. All writing must be legible, and in blue or black ink.

Client: Smethport Area School District

Contact Person: Greg Rounselle

Mailing Address: 414 S. Mechanic St. Smythwood PA 16749 Phone Number: 814-887-5543

Phone Number: 814-887-5543

Physical Address: 5. mekhnic st 5th floor 14045
Reporting Email: Rainville@smethportschools.org

Invoicing Email: alex@smethportschools.com

Monthly / Weekly / Single

Matrix Codes:	DW: Drinking Water	NP: Non Potable Water	S: Solid	O: Other
Preservative Codes:	1: Thermal	2: Na ₂ S ₂ O ₃	3: NaOH/ZnAc	4: NaOH
	5: HCl	6: HNO ₃	7: H ₂ SO ₄	8: Other (Specify)

Analysis Requested:

DEP Compliance Drinking Water?	Y / <input checked="" type="radio"/> N
PWSID#	
Sample Type:	

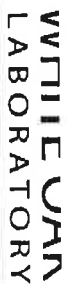
DOH Compliance Beach / Pool?	Y N
---------------------------------	--------

ample Collector Name: Greg Rounselle

[illegible]

Bottle ID (Lab Use Only)

Laboratory ID # 23A0044-43



Chain of Custody / Request for Analysis

This chain of custody is a legal document, fill document completely. All writing must be legible, and in blue or black ink.

Client: Smithport Area School District

Contact Person: Greta Handsville

Mailing Address: 414 S. Mechanic St. Southport Pk

Phone Number: 814-887-5543

Physical Address: 6114 S. Mechanic ST SineTherett Rd. 10177

Reporting Email: G.Brownville@smethdor.tschools.org

Invoicing Email: 0190x@smuhmst-schulz.s.com

Monthly / Weekly / Single

Matrix Codes:	DW: Drinking Water	NP: Non Potable Water	S: Solid	O: Other
Preservative Codes:	1: Thermal	2: Na ₂ S ₂ O ₅	3: NaOH/Znact	4: NaOH
	5: HCl	6: HNO ₃	7: H ₂ SO ₄	8: Other (Specify)

Analysis Requested

Pa

DEP Compliance Drinking Water?	Y / (N)
PWSSID#	
Sample Type:	

Field Data

DOH Compliance Beach / Pool?	Y N
---------------------------------	--------

Sample Collector Name: Greg Rounselle

[illegible]

Bottle ID (Lab Use Only)

[illegible]

Disinquinished By: _____ Date/Time: ____ --> Received By: _____ Date/Time: _____

Received By: Mr. B. L. ... Date/Time: 1-5-23 11:30

Laboratory ID #: 23A0043

Laboratory ID # 23A0043

Date/Time of Checks: 1-5-23 1232

Initials: MS

Observed Temperature °C: 9.1

Corrected Temperature °C: 9.2

Thermometer ID: R-01

Adequate Thermal Preservation?

☐ YES

☐ NO

☒ Cooldown

☐ N/A

On ice, Micro <10°C, Wet Chemistry <6°C)

If no, explain:

DoC completed properly?

☒ YES

☐ NO

☐ N/A

If no, explain:

Correct sample container(s) and label(s)?

☒ YES

☐ NO

☐ N/A

If no, explain:

Bottles intact?

☒ YES

☐ NO

☐ N/A

If no, explain:

Received in hold time?

☒ YES

☐ NO

☐ N/A

If no, explain:

Do any samples have short hold time?

☐ YES

☒ NO

☐ N/A

<48 hr)

☐ Micro

☐ (C)BOD

☐ NO₂ NO₃

If yes, circle or list:

Do any analytes require subcontracting?

☒ YES

☐ NO

☐ N/A

☒ Metals

☐ Ammonia

☐ Organics

If yes, circle or list:

Client Contacted?

☐ YES

☐ NO

☒ N/A

If yes, explain:

Bottle ID	pH	Adjusted (✓)
6A	1	
6B	1	
6C	1	
6D	1	
6E	1	
6F	1	
6G	1	
6H	1	
6I	1	
6J	1	
6K	1	
6L	1	
6M	1	

pH paper lot #: 205521

(do not check: Micro, Oil & Grease, VOA vials, subcontractor lab provided bottles)

6N-1

6O-1

6P-1

6Q-1

6R-1

6S-1

6T-1

6U-1

6V-1

6W-1

6X-1

6Y-1

Correct pH?

☒ YES

☐ NO

☐ N/A

If no, explain: