



**Wrighter Lake  
2024**

**WATER TESTING**

1  
41-50-46  
75-28-45

2  
41-50-53  
75-28-41

3  
41-51-01  
75-28-40

4  
41-51-08  
75-28-36

5  
41-51-11  
75-28-31

6  
41-51-05  
75-28-26

7  
41-50-59  
75-28-21

8  
41-50-51  
75-28-20

11  
41-50-47  
75-28-26

12  
41-50-43  
75-28-34

9  
41-50-44  
75-28-18

10  
41-50-41  
75-28-21

13  
41-50-39  
75-28-42





Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33904	#1	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	5	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	38	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	17	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.018	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

**IMPORTANT:** The above results and interpretations are applicable to pond water only.

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33905	#2	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	2	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	16	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.023	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33900	#3	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	< 1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	38	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	17	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.022	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33901	#4	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	2	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	16	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.023	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
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LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33903	#5	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	2	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	38	greater than 1,000
pH	-	7.1	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	17	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	19	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.032	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33902	#6	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	< 1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	17	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.023	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33907	#7	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	17	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	19	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.023	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.5	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water





Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33906	#8	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	< 1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.3	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	16	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.016	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.5	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33908	#9	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	16	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.012	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33909	#10	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	9	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	42	greater than 1,000
pH	-	7.1	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	16	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.025	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.5	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33910	#11	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	< 1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	37	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	18	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.021	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.5	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water





Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33899	#12	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	< 1	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	41	greater than 1,000
pH	-	7.1	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	16	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.014	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water



Analysis Report For:				Copy To:	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
LAB ID	SAMPLE ID	REPORT DATE	DATE SAMPLED	SAMPLE TYPE	COUNTY
W33911	#13	9/17/2024	9/12/2024	Pond Water	Susquehanna

**WATER ANALYSIS**  
**Pond/Lake Water Report (WP02)**

Analysis	Units	Your Test Results	Level of concern
<i>E. coli</i> Bacteria	MPN <sup>1</sup> per 100 mL	2	greater than 126 (for swimming)
Nitrate as N	mg/L	< 0.2	greater than 3
Phosphorus (P)	mg/L	< 0.025	detectable (greater than 0.025 mg/L)
Total Dissolved Solids (TDS)	mg/L	38	greater than 1,000
pH	-	7.2	less than 6 or greater than 9
Total Alkalinity	mg CaCO <sub>3</sub> /L	17	levels close to zero or not detected
Hardness as CaCO <sub>3</sub>	mg/L	18	greater than 50 or 150 depending on pond use
Iron (Fe)	mg/L	< 0.10	greater than 0.3
Manganese (Mn)	mg/L	0.012	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.6	greater than 250

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<sup>1</sup>Probable number of colonies per 100 mL of water