



<b>Analysis Report For:</b>				<b>Copy To:</b>	
Bob Lissner C/O Wrighter Lake 114 Locust Lane Thompson PA 18465					
<b>LAB ID</b>	<b>SAMPLE ID</b>	<b>REPORT DATE</b>	<b>DATE SAMPLED</b>	<b>SAMPLE TYPE</b>	<b>COUNTY</b>
W37512	Wrighter Lake Site #5	9/12/2025	9/8/2025	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	15	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	< 0.010	greater than 0.05
Aluminum (Al)	mg/L	< 0.03	greater than 0.1
Sulfate (SO <sub>4</sub> )	mg/L	2.8	greater than 250

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

\*Please see the enclosed Fact Sheet, Interpreting Water Tests for Ponds and Lakes

For more information on how to properly manage your pond or lake, visit our web site: <http://extension.psu.edu/water/ponds>

If you have any questions on your test report, please contact Brad Kunsman, extension educator, at 610-813-6613 or [bjk21@psu.edu](mailto:bjk21@psu.edu).

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