

ReadMe File Laboratory Analysis and Macroinvertebrate Identification

Water Chemistry Analysis

- Certified Laboratories
- Laboratories Utilized
 1. Pennsylvania Department of Environmental Protection, Harrisburg, PA
 2. ALS Environmental, Middletown, PA
- Data Result Qualifiers
 - ND = non-detect. The laboratory is able to say they did not detect any of this parameter in the water sample.
 - Present Below Quantification Level. The instrument used by the laboratory has reporting limit that is above zero for a parameter. The parameter was not detected at this reporting limit – it could be absent from the water sample or present below the reporting limit. The laboratory is not able to say the parameter is not present in the water sample based on the instrument capabilities.

Macroinvertebrate Identification

- Identified by professional biologists with a minimum Master of Science in biology. Able to recognize most macroinvertebrates by sight at the family level and genus level using keys.