

**EXHIBIT A**  
**Scope of Services**

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**Bear Lake Improvement Project: 2026 Annis Water Resources  
Institute (AWRI) – GVSU  
Project Period: 4.1.26 -3.1.27**

AWRI will provide the following services related to monitoring Bear Lake during the 2026 sampling season:

**A. Bear Lake Monitoring (not to exceed \$23,000)**

The following parameters will be sampled on a monthly basis in April, June-August, and October at 4 sites (same as in 2025) and at 2 depths (0.5 m below water surface and 0.5 m above sediment):

- Temperature, DO, turbidity, conductivity, and pH using a YSI Sonde
- Chlorophyll *a* via spectrophotometry
- TP (total phosphorus), SRP (soluble reactive phosphorus), NH<sub>3</sub> (ammonia), NO<sub>3</sub> (nitrate), and TKN (total Kjeldahl nitrogen) using Standard Methods
- Total fecal coliform via Colilert methodology
- Microcystin concentration using ELISA
- Phytoplankton community structure to finest possible taxonomic level (collection via Van Dorn bottles; analysis via light microscopy)

**Bear Creek Pond Monitoring (not to exceed \$12,000)**

- 4 monthly sampling events April-October to compare to pre/post-restoration data
- 6 sites: downstream, 2 in west pond, 2 in east pond, upstream; surface only
- Temperature, DO, turbidity, conductivity, and pH using a YSI Sonde
- Chlorophyll *a* via spectrophotometry
- TP (total phosphorus), SRP (soluble reactive phosphorus)

**B. Timeline & Reporting**

1. Project Period: 4.1.26 -3.1.27
2. A final report will be provided to the Bear Lake – Lake Board by 28 February 2027 (assuming sampling is completed in October 2026). The report will summarize the data and results, identify possible threats to Bear Lake, and offer recommendations.
3. If desired, a presentation will be given to the Lake Board on our findings and results.

**C. Payment Schedule and Special Conditions:**

Total compensation for task elements listed above dependent on elements agreed on to pursue. Final compensation to be billed on a quarterly basis.

<b>Total Cost Not to Exceed: \$23,00 (if just Bear Lake) or \$35,000 (if both Bear lake and the ponds)</b>
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