**Quarterly Report**

**Date:** 15 July 2019

**Project Title:** Barker’s Island Beach Restoration Project: Warranty Period *E. coli* Monitoring and Planting Assessment

**Grant Recipient:** Lake Superior Research Institute (University of Wisconsin-Superior)

**Report Prepared by:** Heidi Saillard (Researcher, Lake Superior Research Institute)

**Time period covered for this report:** 2019-Q2 (April 1 – June 30, 2019)

(Year and quarter, ex: 2019-Q2)

**Activities completed/work accomplished this quarter:**

During 2018-Q3, the following tasks were completed:

* **23 May – 28 May 2019** *E. coli* sampling and Sanitary Survey staff and student training
* **28 May – 30 June 2019** *E. coli* sampling and Sanitary Surveys completed twice weekly at four routine locations. A total of 46 samples including once weekly field duplicates and field blanks were collected.

**Budget:**

Funding invoiced for 2019-Q2 paid for travel costs and student time to assist with sample collection and prep. Remaining staff time and *E. coli* analysis for 46 samples on a cost per sample basis, as well as sample collection supplies (e.g. ice and waterproof paper) will be invoiced at the end of quarter three as none of these costs had been charged back to the project account as of June 30, 2019.

**Subcontracts or subgrants awarded this reporting period:** Not applicable.

**QAPP (project plan) Status:** Not applicable.

**Local services and/or products purchased this reporting period:** No services were needed during 2019-Q2.

**Number of jobs created this reporting period:** One student job was created for this position and partial time for two staff members are included.

**Schedule:**

Beach sampling and *E. coli* analysis 28 *May-September 2019*

**Grant End Date:** 15 October 2021

**Problems / Issues:**

pH sensor on YSI ProDSS not working properly so pH measurement taken on aliquot of each *E. coli* sample back on campus, using calibrated pH meter in the laboratory. Matt Steiger checking on purchasing new pH sensor.

**Activities and work goals planned for next quarter**:

The following activities and goals are planned for 2019-Q3:

Beach sampling and *E. coli* analysis *July-September 2019*

Year one invasive vegetation removal assessment *September 2019*

Submission of 2019 *E. coli* results *September 30, 2019*