**Quarterly Report**

**Date:** 11 October 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-Q3 (July 1 – September 30, 2019)

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

During 2019-Q3, the following tasks were completed:

* July 1 – August 28, 2019 *E. coli* sampling and Sanitary Surveys (center of beach only) completed twice weekly at four routine locations. A total of 94 samples including once weekly field duplicates and field blanks were collected.
* September 17, 2019 - Year one invasive vegetation removal assessment
* September 6, 2019 **-** Submission of 2019 *E. coli* results

**Budget:**

Funding invoiced for 2019-Q3 includes travel costs, staff and student time for sample collection and *E. coli* analysis of 140 samples on a cost per sample basis, as well as sample collection supplies (e.g. ice and waterproof paper).

**Estimated Current Budget Table**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Total Budgeted** | **Expended** | **Remaining** |
| Salaries &Wages | **$10,519** | **$4,425** | **$6,094** |
| Fringe | **$3,928** | **$1,938** | **$1,990** |
| Equipment | **$0** | **$0** | **$0** |
| Supplies | **$964** | **$591** | **$373** |
| Travel | **$1,042** | **$370** | **$672** |
| Other 280 *E. coli* Analyses Cost Per Sample ($30) | **$8400** | **$4,200** | **$4,200** |
| **Total Direct Cost** | **$24,853** | **$11,524** | **$13,329** |
| Indirect cost (15%) | **$2,168** | **$1,122** | **$1,046** |
| **Total Cost** | **$27,279** | **$12,646** | **$14,633** |

**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-Q3.

**Number of jobs created this reporting period:** No additional jobs were created this reporting period.

**Schedule:**

Beach sampling and *E. coli* analysis *May-September 2020*

Year two invasive vegetation meandering path survey *August 2020*

Submission of 2020 *E. coli* and invasive survey results *September 30, 2020*

Floristic Quality Assessment (FQA) *June or July 2021*

FQA results submitted using WDNR Excel Calculator *August 2021*

Submission of Final Assessment Report *September 30, 2021*

Final quarterly report and invoice  *October 15, 2021*

**Grant End Date:** 15 October 2021

**Problems / Issues:**

No issues to report this quarter.

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

There are no project related activities planned for 2019-Q4. Project will resume activities in quarter two of 2020.