

Progress Report

Submitted October 15, 2009

To the

Illinois Environmental Protection Agency

For the

Joliet Junior College Lake Clean-Up & Management Project

(Illinois EPA FAA #3190904; Grant # C9995200-09)

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ACTIVITIES OCCURRING DURING PROGRESS REPORT PERIOD

May 7, 2009 - October 15, 2009

Project Design

Lake Dredging Project: JJC shall implement a dredging project on the Joliet Junior College Lake to remove a minimum of 6,300 cubic yards of sediment from the lake. Approximately 6,300 cubic yards of dredged sediment will be conveyed to a dewatering pond on an adjacent farm field. After dewatering, the sediment will be spread on to Agriculture fields.

JJC shall install stormwater best management practices (BMPs) to reduce nonpoint source pollution to the Joliet Junior College Lake within the Rock Run watershed from the JJC Campus in Joliet, Illinois.

The BMP installation construction plans include the following components:

09-04 Bio-Swale: convert approximately 2,050 feet of existing grass drainage swales to a vegetated swale. Depressions will be created and native plantings and wetland plants will be established along entire length of the swale. The vegetated swale will discharge into an approximately 1.9 acre stormwater wetland cell.

09-04-2 Stormwater Wetland Cell: construct an approximately 1.9 acres storm water wetland bio-filtration cell at the downstream end of the proposed Bio-Swales. The cell will be designed to allow the stormwater runoff to slowly meander through low marshy areas before discharging to an existing woodland area at the west edge of the agricultural fields. Fore bays will be provided at both entry points to cell and also at the outfall point.

09-04-3 Separators: install separators to treat stormwater run-off directly tributary to the JJC Lake. The separators are designed to remove suspended sediment,

floatable trash, and hydrocarbons from the stormwater run-off.

Location #1 - Snout Catch Basin installed and storm sewer outfall repairs

Location #2 - FloGard Catch Basins installed in two inlets

Location #3 - FloGard Dual Vortex Catch Basin installed

09-04-4 Wetland Swale: enhancement to an existing wetland swale that conveys runoff from east parking lots. Stone riffle structures will be installed intermittently along the approximately 350-foot swale and native plantings will be established along the swale.

Permits and Landowners Agreements

Landowner Agreement submitted to IEPA on July 6, 2009.

Agreement was received.

JJC received permitting or letters of no objections for implementing Lake Project activities from the following agencies:

IEPA Permit #: 2009-EA-1618, Date issued June 12, 2009

USACE Project #: LRC-2008-152 – Permit is not required, June 8, 2009

IDNR Application #: 2008043 – Permit is not required, April 23, 2008

City of Joliet, Department of Public Works, Received and accepted site plan, permit is not required, July 31, 2009

Forest Preserve District of Will County, Notified

Design Implementation

Lake Dredging Project: JJC bid and awarded the Lake Dredging Project to Stiles, Inc., Rockford, IL on September 10, 2009.

Total Contract Amount: \$263,085.00.

Project Manager: Doug Stiles, Stiles, Inc.

JJC Construction Manager: Rich Rivera, JJC Facility Services

Project Engineer/Consultant: Michael Baker, AECOM

Start Date: October 1, 2009

Proposed Completion Date: December 1, 2009

Note: Spreading sediment in agriculture field is weather dependent and may occur in the spring of 2010.

09-04-3 Separators: Draft designs submitted to IEPA and approved.

JJC bid and awarded Separator Installation Project to Superior Excavating, Channahon, IL on September 10, 2009.

Total Contract Amount: \$60,029.99. This amount includes Stormwater Outfall repair at Location #1 and installation of 2 inlet catch basins at Location #2.

Project Manager: Brad Hoover, Superior Excavating Co.

JJC Construction Manager: Rick Lyman, JJC Facility Services

Project Engineer/Consultant: Kenneth Huhn, SEC Group, Inc.

Start Date: September 23, 2009

Proposed Completion Date: November 11, 2009

Pre-construction photos obtained & construction photos on going.

09-04 Bio-Swale, 09-04-2 Stormwater Wetland Cell, & 09-04-4 Wetland Swale:

Draft designs submitted to IEPA and approved.

These three projects have been bid and awarded as one project, on October 13, 2009.

Project awarded to Milord Company, Bridgeview, IL

Total Contract Amount: \$182,200.00.

Project Manager: Bill Milord, Milord Co.

JJC Construction Manger: Rick Lyman, JJC Facility Services

Project Engineer/Consultant: Thomas Carroll, Jacob & Hefner Associates

Proposed Start Date: November 1, 2009

Proposed Completion Date: Pending- Pre-Construction Meeting

Pre-construction photos obtained & construction photos on-going.

Educational Signage and Webpage

Lake Posters were designed and produced to educate students, staff, faculty, and the JJC community about the Lake Project, non-point source pollution control, and watershed protection. Posters (10) will be displayed at key locations on campus, used for presentations and in classrooms. Sample of Lake Poster is attached.

A webpage has been created to disseminate information about the Lake Project and will be updated as Lake Project implementation advances.

www.jjc.edu/info/lake

Other Project Activities

IEPA Project Sign was approved and installed on September 18, 2009.

Sample of Lake Sign attached.

Activities Expected Next Quarter

Lake Dredging - Dredging Completed.

Note: Spreading sediment in agriculture field is weather dependent and may occur in the spring of 2010.

Prepare and submit draft of dredge report.

Photo documentation is on going.

09-04-3: Separator Installation

Complete internal installations of catch basins.

Prepare final report and submit draft.

Prepare O & M Plans and submit draft.

Invoices will be prepared and submitted.

Photo documentation is on going.

09-04: Bioswale, 09-04-02: Stormwater Wetland Cell & 09-04-04: Wetland Swale -

Start construction of Bioswales, Wetland Cell, and Wetland Swale.

Planting time is weather dependent; schedule to be determined.

Prepare final report and submit draft.

Prepare O & M Plans and submit draft.

Invoices will be prepared and submitted.

Photo documentation is on-going.

Additional Information

- Describe any problems you have encountered while working on the project:
 - Separator installation plan at Location #1 was modified to install a 52" Snout instead of the 36" Snout. This is under the advice from the manufacturer and is necessary to assure catch basin is properly functioning at this site.

- Describe lessons learned by you and any collaborators in undertaking the project: