

## Weekly Project Update

**Project:** Little McDonald  
Outlet to Otter Tail River  
**Location:** Otter Tail County, MN

**Client:** LMKP LID

**Moore Engineering Project No.:** 18632A

**Week End Date:** September 7, 2018

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This field report shows observations while on the construction site.

### **Little McDonald Lake Outlet Project Part A & B**

#### **General Contractor Part A :**

Geislinger and Sons, Inc.

#### **Subcontractors:**

Ackling Construction  
Northern Dewatering, Inc.  
Meier Electric  
B & B Sheet Metal & Roofing  
Lake Region Electric  
Heineman Painting  
Sentra Sota HVAC & Sheet Metal  
Quality Control and Integration  
Electric Pump

#### **General Contractor Part B :**

Sellin Brothers, Inc

#### **Subcontractors:**

Northern Dewatering, Inc.  
Jim Ramsey Tree Service  
Andy Francis Construction  
Robert R. Schroeder Construction  
3D Specialties  
Sherbrooke Turf  
Driveway Services  
Otertail Aggregate  
Dewey's Septic Services  
Westlund Fence  
Lakes Area Landscaping

#### **Report Distribution**

LMKP LID  
Otter Tail County

#### **Reporting Period**

September 1, 2018 – September 7, 2018



Figure 1: Prepping for the pumphouse startup

**Summary of Work Performed by Contractor:**

**Part A: Pumpstation**

- Meier Electric continued electrical hookup to components within pumphouse.
- Quality Control and Integration programmed the pump control panel.
- Electric Pump serviced and ran pump motors.
- Pumphouse startup was conducted on Wednesday, September 5, 2018.
  - System has been operating since startup
- Ackling Construction began site grading of pumphouse.

**Part B: Forcemain & Crossings**

- Pressure sustaining valve was calibrated.

**Challenges and Solutions:**

- Nothing unexpected.

**Percent of Work Completed:**

Part A (Pump Station): 99% of structure complete. Initial startup completed this week.

Part B (Forcemain): 100% of forcemain pipe installed, lake connections are scheduled for the month of September.

**QA/QC Testing/Inspecting Performed and Results:**

**Part A:** Testing was conducted on the pumps, pump motors, and filters during startup.

**Part B:** None this week.

**Other Work:**

All downstream stream and lake level gages required for operating the system have been established. Remaining gages on LMKP lakes and Devils Lake will be installed after remaining road crossings are completed.

**Upcoming Scheduled Work:**

**Part A**

- Meier Electric will finish the electrical wiring and hookups.
- Quality Control and Integration will be finishing programming the control panels next week.
- Ackling Construction to continue site grading.
- Heineman Painting will complete the final painting and epoxy the floor.
- Driveway Services will pave the driveway and parking area of the pumphouse.
- Sherbrooke Turf to complete seeding and site restoration.
- Westlund Fence will connect the barbed wire fence to the gate after installation of the gate.

**Part B**

- Sellin Brothers to insulate pressure sustaining structure and install markers on the outside of it.
- Sherbrooke Turf will reseed areas that did not grow.
- Sellin Brothers will begin constructing connections to Paul and Rusch Lakes in about two weeks, depending upon weather and crew availability. Construction stakes have been set.

**Meetings:**

- LMKP LID Board Meeting: October 3, 2018 at 3PM
- Construction meeting: None.



Figure 2: Exterior of pumphouse



Figure 5: Pressure sustaining structure



Figure 3: Control panel programming



Figure 6: Filter control panel



Figure 4: Pumphouse startup



Figure 7: Site grading near pumphouse



Figure 4: Meier completing electrical work