

**Minutes of Meeting**  
**Mendums Pond Dam Monthly Meeting**  
**July 20, 2016**

**DATE:** July 20, 2016

**FROM:** Grace Levergood, P.E., Design and Field Engineer, Dam Bureau, Engineering and Construction

**AT:** Mendums Pond Dam #D184001, Nottingham, NH  
9:00 -10:30 am

**ATTENDEES:**

Tim Carney, P.E. E&C Administrator	Rob Gordon, Construction Superintendent
Jim Gallagher, P.E., Chief Engineer	Richard Snow, LRAC
Charlie Krautmann, P.E. Dam Safety Inspector	Steve Seufert, Mendums Pond resident
Jim Farnum, Mendums Pond Landing Association	
Bruce Harless, Foreman	

**1) Introductions and sign in**

**2) Discuss stakeholder concerns**

- a) The updated July schedule was discussed with the residents. Some changes were made that allow the refill date to be earlier than April 1<sup>st</sup> as currently shown. The DES website for the Mendums Pond Project will be updated with the revised schedule.
- b) Steve Seufert explained the frustration felt by the Mendums Pond residents. They are experiencing financial hardships, dry wells, anxiety and anger due to the low water level in the pond. The residents ask that the schedule be tightened to show refill in February 2017. Steve explained that the objective is to help the process. If support is needed from the residents signatures can be obtained.
- c) Jim G. explained that the schedule is conservative. DES will be looking at additional ways to move the refill date up to earlier in the winter, and anticipates that the next updated schedule will reflect an earlier refill date. DES will be using equipment rental agreements to increase the workforce. This has been worked into schedule.
- d) Add Steve Seufert to email list for the monthly meeting.

**3) Review Progress to Date**

- a) Completed 40 feet of wall since last meeting. Total completed to date; 146 feet

from station 1+60 to 1+80 and 2+00 to 3+26. This represents 42% of the total wall length.

- b) Poured 159 cubic yards of concrete and tested loads since last meeting. Tested loads for air, slump and temperature. Total of 424 cubic yards to date.
- c) One set of 5 cylinders taken from each days load and tested. Concrete tests coming up greater than 4000 psi design strength for 14 day breaks.
- d) Incorporated new mass pour method for constructing wall.
- e) Completed as-built survey of left top of rock. Laid out sheet pile alignment.
- f) Ordered pipe for discharge chamber.
- g) Completed Phase 2 design and approval process.

#### **4) Review four week schedule**

##### **Week of June 20 to Week of July 18**

##### **Crew #1**

Continue with installation of upstream left upstream cutoff wall– stations 1+10 to 1+60.

Complete connection wall between station 1+80 and 2+00 across discharge channel.

##### **Crew #2**

Complete work at Seaver Reservoir Dam. Relocate to Mendums with equipment.

Begin pre-excavation of sheet pile trench

#### **5) Discussion Topics and New Design work-**

##### **Schedule changes-**

Move gate installation into fall

Install chamber piping prior to upstream bulkhead construction.

Move chamber work and coffer dam removal into prefill section of schedule.

If an emergency arises with another state owned dam, supplemental funds will be appropriated and an outside contractor will be used to address any repairs. Crew will not be taken from the Mendums project.

##### **Equipment Needs-**

Concrete saw needs repair

Sandblast equipment is working but a water separator would help operations.\

Injection gun for grout needed for Phase 2 work.

Hose needed for by pass piping for Phase 2 work.

##### **Phase 1-Upstream wall-**

Crack repair- Operators may help with this work following fall drawdown.

Concrete curing methods needs to be improved. Crew will set up drip hoses on top of burlap with pump to run from Friday to Monday in order to keep concrete wet.

### **Phase 1A spillway-Oct-Nov 2016**

Plans under review by the DES Dam Safety and Inspection Section.

### **Phase 2-Chamber-**

Reface chamber with a concrete coating rather than constructing a reinforced concrete wall on the face. Specifications for the concrete coating are being prepared.

### **Phase 4 – sheet pile wall-**

The sheet pile design has changed from steel to PVC – Army Corps recommends the use of this product over steel sheet piles. CMI Inc. fabricates the PVC sheet piles. Contract is being pursued with HB Fleming for equipment rental.

Lank Excavating has been contacted to assist with excavation beginning in September 2016.

Gannett and Fleming, Inc. will review the sheet pile design.

### **Concrete testing**

Tim C. will be submitting a waiver to the DES Dam Safety and Inspection Section for some of the concrete testing requirements included in the permitted construction and inspection plan. According to ACI 350 code, the frequency of testing can be reduced.

### **6) Action Items**

- a) Jim G. will update the DES website with the revised project schedule.
- b) Grace will email Steve Seufert Jim G.'s email response to residents.
- c) Grace will add Steve Seufert to the Mendums email list.
- d) Grace will email minutes to attendees

### **7) Next meeting – August 24, 2016- Wednesday, 9:00 am.**