

**HOLDEN CONSERVATION COMMISSION  
MEETING MINUTES  
OCTOBER 4<sup>th</sup>, 2023**

**Members Present:** Michael Scott, Chairman; Luke Boucher, Kenneth Strom, Elizabeth Parent, Heather Parry, Hannah Lipper

**Not Present:** David Nyman

**Others Present:** Glenda Williamson, Conservation Agent; Sara Flagg, Recording Secretary; Mark Elbag, 2239 Main St, Scott Morrison, Eco-Tec, Dan Marinone, Friends of Eagle Lake; Devin Herrick and Josh Millonig, Weston & Sampson, Dawson Recreation; Nick Kent, Cutler Rd.

M Scott opened the meeting at 7:00 pm.

**GREENWOOD ESTATES-Construction, Sediment and Erosion Control**

The representative was not present, however, G Williamson received a report from Tom Larson with Martelli Construction. The report stated that they would be loaming and hydroseeding the slopes above Deanna Drive before October 15<sup>th</sup>. She reported that there are some areas of the silt fence that still need to be repaired including the silt fence behind 1 Stephanie Drive. She stated that the road is relatively clean.

**REQUEST FOR DETERMINATION – 2339 MAIN STREET**

Assessing Map 82 Parcel 15. Replacement of existing infiltrator chambers with a presby style leachfield. The work is located within the 100-foot buffer of BVW. Jesus & Kerrie Castillo; Mark Elbag, Elbag Engineering.

M Elbag explained that the work on the system was completed under and Emergency Certification. The work involved leaving the tank in place and replacing the chamber-style leachfield with a Presby style field in the same footprint. He stated that the erosion controls are still in place and the site is stabilized. They are seeking a negative determination to close out the file. G Williamson said she did a site visit and the project area was fully stabilized., She shared photos of the lawn aea and erosion controls.

Motion by K Strom, seconded by L Boucher to CLOSE THE HEARING FOR 2239 MAIN ST. Approved by a vote of 6-0-0.

Motion by K Strom, seconded by L Boucher to ISSUE A NEGATIVE 3 DETERMINATION FOR 2239 MAIN ST. Approved by a vote of 6-0-0.

**REQUEST FOR DETERMINATION - EAGLE LAKE BEACH**

Assessing Map 113, Parcel 2. The installation of an 8-inch perforated pipe within a stone trench above the existing retaining wall to capture and re-direct stormwater flow. The work is located within the 50-foot buffer of Eagle Lake. Dan Marinone, Friends of Eagle Lake.

Scott Morrison stated that approximately a year ago, new sand was added to the beach and now

there are large rills forming on the beach area due to heavy rain events. He said that the project entailed the construction of a trench above the existing retaining wall. Stone and an 8-inch pipe would be added to the trench. The pipe would outlet to a rip-rap settling area near the beach. The purpose of the work is to divert stormwater along the top of the sand area and then direct it to the woods side of the beach. G Williamson shared photos of the conditions after rain events and details of the proposed trench and pipe.

H Lipper asked if an 8-inch pipe was typical for this application. S Morrison said that 8-inch should be more than sufficient, as most homes use 4 or 6-inch. M Scott requested some erosion controls be added near the outlet area. G Williamson asked what the timeline would be for work to be completed. D Marinone said it will depend on cost and funding but they will reach out before any work is done.

Motion by K Strom, seconded by E Parent to CLOSE THE HEARING FOR RDA EAGLE LAKE BEACH. Approved by a vote of 6-0-0.

Motion by K Strom, seconded by E Parent to ISSUE A NEGATIVE 3 DETERMINATION OF APPLICABILITY (DOA) FOR EAGLE LAKE BEACH DRAINAGE WITH THE FOLLOWING CONDITIONS:

- EROSION CONTROLS TO BE INSTALLED BELOW THE RIP RAP OUTLET
- NO WORK IN THE 25' NO DISTURB ZONE OF THE LAKE

Approved by a vote of 6-0-0.

**NOTICE OF INTENT – DAWSON-INDUSTRIAL DRIVE RECREATION COMPLEX**  
Assessing Map 182, Parcels 8, 39, 43 and 48. Multi-use recreation complex to include synthetic turf fields, playground improvements, a new trail network, new parking and ancillary facilities. Portions of the work are located within regulated resource areas and associated buffer zones. Town of Holden, Weston & Sampson Engineers.

Devin Herrick and Josh Millong, Weston & Sampson presented. They shared a powerpoint presentation detailing the work including photos of current conditions and proposed site plan indicating the relocation of the layground, addition of turf athletic fields, parking, walking paths, etc.

Stormwater review: Modeling shows a slight increase in volume of .1 cfs and .22 cfs in the 10 and 25 year events. This is particularly concentrated in the area of the proposed pathway at the edge of the currently forested Industrial Drive site. The engineers have proposed a gravel trench in order to help with infiltration.

Wetland impacts: Delineation was performed and they pointed out a BVW-D located in between the two parcels. This is the only area where the parcel can be connected. They also pointed to an existing perennial stream that goes underneath the pool and playground. A portion of the work will require placement of the boardwalk crossing within BVW, work within Bordering Land Subject to Flooding (BLSF) and Riverfront Area (RA). The proposed project includes 1036 sq ft of permanent impact to the BVW and 1,009 sq ft of impact to the 100-year floodplain entirely due to boardwalk placement. Wetland replication areas will replace in excess of this 254 cubic feet for

compensatory storage. M Scott asked how high the boardwalk was above the wetland, D Herrick replied she believes it is about 3-feet above but varies from 3 feet to 5 feet. Drawing L-603 shows wetland replication areas and a few pages prior is a more continuous view of the boardwalk. After work is completed there will be 1950 sq ft of BLSF replaced. A flood study was conducted to determine this area replaced. Within RA, there would be 79,878 sq ft of impact of which 1,559 sq ft is temporary impact.

In order to compensate for these impact to BVW they are proposing a 2,300 sq ft replication area. This area accounts for the 29 footings for the boardwalk and shading over the wetland. The proposed elevations match the existing conditions and the proposed plantings were selected to align with the existing consitions.

Local bylaw items: Disturbance in the 25-foot No Disturb Zone (NDZ) is unavoidable due to the placement of the boardwalk to connect the properties. Work would be done within 97 feet of the vernal pool due to regulation size of playing fields. Work within the vernal pool resource area is located within the existing grassed Dawson soccer field.

E Parent asked in the stormwater report where the 2-foot separation to the ground water, commented that a mounding analysis is required for anything less than 4 feet of separation. She asked if synthetic turf is considered impervious or pervious, D Herrick replied that she did ask this and under current stormwater regulations it is considered pervious but the stormwater regulations may change that finding. E Parent commented that she had recently read somewhere that it should be considered impervious but the regulation may not have changed. E Parent also asked about the BLSF compensatory storage, D Herrick said that the mitigation areas will provide compensatory storage/an increase in BLSF.

G Williamson has walked the wetland line and provided her comments. The DPW is reviewing the stormwater report and will be providing comments within the next couple of weeks. E Parent requested that they provide the analysis that was done to define the flood elevation on the Dawson side. D Herrick explained that there are two separate watersheds for the Industrial Drive site. On the Industrial side there was a FEMA letter of map revision and a FEMA study was done for the existing Dawson side to determine the base flood elevation.

M Scott asked about construction of the boardwalk and D Herrick explained that it will be a top down construction in which they will start on the bank and build it up to two piles, continuously moving the piles until completion so there will not be any direct impact within the wetland from the construction.

L Boucher questioned the boardwalk and walking path location and material. J Millonig pointed out the location and stated that the engineers added a swale on the downhill side of the walking path from the Industrial side to prevent erosion of material into the resource area. D Herrick will be providing answers to the Commission questions on the stormwater plan.

Motion by E Parent, seconded by L Boucher to CONTINUE THE HEARING FOR THE DAWSON INDUSTRIAL DRIVE RECREATION COMPLEX. Approved by a vote of 6-0-0.

#### **ENFORCEMENT ORDER - 350 SOUTH ROAD**

Assessing Map 181, Parcel 10. Unauthorized work in resource area and buffer. Owner, Steve

Ninos; Rep. Matt Marro, Matthew S. Marro Environmental Consulting (con't from Sept 6th)

G Williamson shared photos of the site. M Scott said he spoke with Matt Marro and some of the work has been started and ninety percent of the site is stabilized. The proposed stream channel has not been constructed, the applicant is waiting on the plan and the volume/velocity calculations.

### **ENFORCEMENT ORDER – CUTLER ROAD**

Assessing Map 84, Parcel 9. Unauthorized work in the 100-foot buffer.

Nick Kent, landowner, explained that he is a new landowner and wanted to clean up the property. He removed trees and regraded and was unaware that this type of work was prohibited. G Williamson said a delineation would be needed to determine the wetland boundaries. She stated that the area between the river and the cleared area appeared to be upland but there is a BVW along the northern property boundary and clearing may have encroached into the wetland area.

M Scott explained to the landowner that any work within 100-feet of the BVW requires a filing with the Commission. He stated that revegetation would likely be required in a portion of the 100-foot buffer. M Scott told N. Kent to hire a wetland scientist and to submit a Notice of Intent for the work as soon as possible. N. Kent is to let G Williamson know once the erosion controls have been installed. G Williamson said that the site needs to be stabilized. M Scott told N Kent that seeding or hydroseeding should be done as soon as possible. N. Kent stated that they have installed siltation fencing but were having trouble finding any straw wattles. N. Kent is to follow up with G Williamson on the progress.

### **HOLDEN-CHAPEL STREET WATER MAIN**

Notification of Exempt Maintenance Work, Replacement of approx. 2350 linear feet of existing 6-inch pipe with new 8-inch ductile iron pipe. Holden DPW, Tighe & Bond.

G Williamson shared that they received a Determination from the DCR with conditions. M Scott said there should be basic sediment controls installed. G Williamson confirmed that erosion controls are proposed as described in the Notification.

### **PROJECT UPDATES**

**MCRT – Wachusett to Manning St** - K Strom said they finished cutting today.

**Quinapoxet Transfer Pipeline** – A site meeting is scheduled on October 18<sup>th</sup> with all stakeholders to view the environmental controls and areas of impact.

### **APPROVAL OF MINUTES – June 7th, 2023**

Motion by L Boucher, seconded by E Parent to **ACCEPT THE MINUTES AS AMENDED**.  
Approved by a vote of 4-0-0 H Lipper absent)

Motion by L Boucher, seconded by K Strom to close the October 4<sup>th</sup> Conservation Commission meeting at 8:40 pm. Approved by a vote of 6-0-0.