

**Town of Bellingham
Conservation Commission
Municipal Center
Bellingham, MA 02019
Minutes of the meeting of July 27, 2016**

Project: 105-779 & BWP-131
NOI

Project Description:
160 High St. – 600,000 sf. & 300,000 sf. Distribution facility,
septic, storm water management

Applicant:
Mark Pillote
Campanelli Bell. LLC
10 Campbell Dr.
Braintree, MA

Representative:
Brandon Li
Kelly Engineering Group Inc.
10 Campanelli Drive
Braintree, MA

Plans: NOI & Site Development Plans, Sheets 1 -21, Nov. 11, 2015; Stormwater Report & O & M Plan
11/11/15

Continuation time: 7:30 PM

Cliff Matthews read a letter from David Kelly requesting that we continue the hearing to September 28, 2016. Cliff accepted a motion to continue hearing at 7:30 PM on 9/28/16 for one half hour at which time the applicant will provide a project status report. It was moved by Neal Standley, seconded by Shawn Wade, and passed on a unanimous vote.

Informational: 19 Pelletier Dr. – failed septic system replacement
7:40 PM

Cliff spoke with Mike Catalano of the Board of Health. At the hearing on 8/10/16, Cliff expects abutters seeking updated information. To expedite repair of a failing cesspool, the Conservation Commission will perform a site walk prior to that hearing. Mike Catalano believed the system is not overflowing into the lake. Seth LaJoy is the engineer. Owner is Bob Dumont. Seth said he needs to improve a failed system. Mike Catalano said there are no other houses on the property. The house is currently designated as a 6 bedroom, but the septic system will be designed for 7 bedrooms. Cliff asked if there was a toilet in the garage, adjacent to the house. Seth will have that information on the night of the hearing. Neal Standley asked about where all construction will take place in the site. Mike Catalano stated that the system is being paid through the betterment program. The house is located on the north side of Lake Hiawatha, right on the lake shoreline.

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Project: 105-786
NOI

Project Description: drainage improvements
for Silver Lake Road

Applicant:
Don DiMartino, DPW
1 Hartford Ave.
Bellingham, MA

Representative:
Daniel Baptiste
Guerriere & Halnon
55 West Central St.
Franklin, MA 02038

Plans: Drainage Improvements Plan and Profile Silver Lake Road, Sheets 1,2, & Construction Detail Sheet #1 & #2, 5/12/2016, REV 7/27/2016 & Stormwater Report and Operation and Maintenance Plan in NOI

Continuation time: 8:30PM

Lori Fafard recused herself due to being an abutter. This project is only being reviewed under the Wetlands Protection Act, because it's a town project, and as per last year's town meeting, they are no longer subject to review under the local wetlands bylaw. A site walk was conducted by the Conservation Commission on a recent Saturday morning. Don DiMartino said there are changes. A drainage outfall will be moved from the border of the abutting lot onto a portion of the boat launch area. Don supplied a revised plan. They will be super-elevating to channel water into the stormwater management structure. The poor drainage at the northern end of Silver Lake Road will also be corrected. However, the developer, Fafard, needs to finish the pipework for the sewer prior to this drainage project proceeding. Mr. DiMartino expects it to take place in approximately another year. The silt prison plan view was shown to us on the details. It is a unit that is approved by the DEP. Bellingham DPW is applying for a Mass Works grant to help pay for the project. He won't know until December if the grant has been awarded. Mr. Matthews pointed out that there is currently a flooding issue. It is intent of this project to correct the flooding. Shawn Wade moved to close the hearing and issue an Order of Conditions, seconded by Michael O'Herron, and passed on a unanimous vote (5 voting members).

Project: 105-787
NOI

Project Description: 23 Pearl St. - removal
the old Mill Pond Dam

Applicant:
Don DiMartino, DPW
1 Hartford Ave.
Bellingham, MA

Representative:
Briscoe Lang
Pare Corporation
10 Lincoln Rd.
Foxboro, MA 02035

Plans: NOI & Old Mill Dam Removal and Charles River Restoration, 17 Sheets dated June 2016; Sheet 7.1 revised August 2016; (Old Mill Dam) Section 02900 "Landscaping" page 1 through 5 dated 8/16/2016, Documents in Notice of Intent, Operation & Maintenance Plan 6/30/2016

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Hearing time: 9:00 PM

Making the presentation was Mr. Briscoe Lang and Allen Orsi of Pare Corporation, Alex Hackam, Restoration Specialist, Division of Ecological Restoration, and Elizabeth Cianciola, aquatic scientist from CRWA. There are 3 major components: dam removal, dewatering, and dredging. Contaminated sediments will be pumped into a nearby constructed containment area and compressed with dewatering, in 2 phases; from the left and right side of the river upstream of the dam. In addition to the dam removal project drainage improvements are proposed for Pearl Street to accommodate runoff from the Franklin town line for a distance of approximately 1,500 linear feet. Although this is the first dam removal on the Charles River and the Conservation Commission cannot put any requirements in the Order of Conditions, there are still questions that need to be addressed during the public hearing process. Mr. Matthews has received several calls relating to the handling of toxic materials during the silt processing. Mike O'Herron was also concerned about the potential threat to public health and safety. Toxicity studies indicate that although Zinc and Mercury are present, the levels are below federal and stated thresholds for harm to humans. If left uncorrected their presence could, however, negatively impact wildlife.

The proposal is to build a berm for containment in the wetland area north of the river and pump areas of contaminated silt behind the berm. The water will gradually percolate through the berm leaving the contaminated silt behind. Mike O'Herron asked about the toxins in the delivered materials concentrating as they are dried up. There will be a layer of large (6 inch) stones at the base. During the dewatering process, they'll use a Geotech fabric and filter. The fabric will stay in place permanently on the inside of the berm. They will do plantings along the river side of the berm, for erosion control. A sand and gravel layer 3 feet high will form the top layer of the berm and be loamed and seeded (approximately 10,000 ft.²). Mike O'Herron asked if this has been done before. The response was that it has been done at Toron Brook, in Plymouth Massachusetts.

Jute mesh will be put over the seeded area to help hold the loam in place. It's part of the specs. There's an access road on top of the berm for long-term maintenance of the area and delivery of materials. One idea is to create a walking path for the community in that area. They will be putting different vegetation types (i.e. Hawthorne, multi-flora roses) on the clean soil cap behind the berm. Contaminant levels should be low enough, it's 'clean' soil. Neal Standley asked about the dredging that is disturbing the river. The proposal is to use a hydraulic dredge that will minimize silt disturbance. Once the dredging is complete, it is anticipated that some silt and sediment will be transported downstream creating sandbars that currently do not exist. Neal Standley asked about the long-term effects. Within one year it is estimated that the main river channel will scour itself back to original levels. Getting the natural process started is the heart of the project. The Charles River Watershed Association (CRWA) will contact Franklin and let them know about this project and potential downstream impacts. Cliff asked about an existing ten inch clay storm drainpipe nearby that is flooding an abutter's yard. This will be looked at during a scheduled site walk on Saturday, 7/30/16. Neal Standley moved to continue the hearing to August 10 at 8:40 PM, seconded by Brian Norton, and passed on a unanimous vote.

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Project: 105-788
NOI

Project Description: Maple Street Right of Way, from the Charles River Bridge to 942 feet south of the route 495 overpass – Maple Street roadway and drainage improvements

Applicant:
Don DiMartino, DPW
1 Hartford Ave.
Bellingham, MA

Representative:
Rob Kenneally
Kleinfelder Company
1 Speen Street, STE 200
Framingham, MA 01701

Plans: NOI & Dept. of Public Works Town of Bellingham, MA, Maple Street Maintenance and Drainage Improvements, Ten Sheets, July 2016, Stormwater Management Report, 7/20/2016

Hearing time: 9:50 PM

Rob Kennelly made the presentation on behalf of the DPW after Mr. Matthews opened the hearing. The project will improve the safety of the road with minor widening and management of existing drainage. The project consists of four segments: 1) Charles River Bridge to Pine Street, 2) Pine Street to the power plant, 3) entrance of the power plant to Route 495, 4) South of Route 495 on Maple Street for 942 feet. There are 3 drainage swales in the 3rd section. Stone walls will need to be taken down and put back together in their new relocation spots further back from the road. An underdrain must be put in under the swales to assist in infiltration. Ground water level is between 3 and 5 feet in various locations. Test pits were done recently to determine soil type and depth to groundwater. Outlet pipes will utilize scour holes with riprap. Drainage swales are proposed in several locations east of Maple Street including a section on the existing power line easement. A fifty foot area for vehicle access will be maintained. Proposed locations for replacement trees to replace those slated for cutting along the roadway will be forthcoming. The project must adhere to the scenic road bylaw and that hearing process is underway with the Planning Board. There are 4,000 feet of road alterations. Maintenance of the drainage swales (mowing) will be the responsibility of the DPW. Soils are not good because of fine sand along the road. A site walk is planned for Saturday, July 30, to confirm the wetland delineation and to determine appropriate areas for replication at 8:30 AM. Neal Standley moved to continue the hearing to August 10 at 9:00 PM, seconded by Shawn Wade, and passed on unanimous vote.

Updates:

160 High St.: The applicant has a punch list of items to address including no net increase during storm events. The Planning Board is continuing its traffic review. The reason for the request to continue the hearing is that several meetings with various boards may result in a reconfiguration of the project.

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Box Pond – Kenniston project The applicant is requesting information in obtaining a CofC (Certificate of Compliance). The conservation commission needs to see the project before issuing it. A site walk will be scheduled.

8 South Maple St. – A complaint was received about filling wetlands. Cliff went to see it. No sediment erosion controls were in place. He asked the parties involved to put them in. A drainage easement was noted. Cliff thinks it comes from access across the street under the road. It's on the plans of record. They will have to make a drainage swale.

Pearl Street – sediment erosion controls – Conservation Commission must inspect. Cliff stated he saw they were in place correctly. This is the time of year to do it (low water/drought). The deepest water is behind the mill. Cliff asked for a schedule of work. We need the work schedule to be specific.

Cross Street Well – built in 1939. The DPW wants to put in a new well. An RDA will be filed for exploratory purposes.

Algonquin Pipeline – now will come & make a presentation to us. The entrance point will be in Bellingham & exit into Franklin under the Charles River. The presentation is scheduled with the Conservation Commission at 8 PM on 8/10/16.

Bonds – We are currently updating our list of existing bonds held by the treasurer for replication and for stormwater annuities. We are working with the Town Treasurer and the Chief Financial Officer.

'Solar Bees' – a mechanical device that has been suggested for use in aerating the water at Silver Lake, Jenks Pond, and Lake Hiawatha. It may also be used for limited milfoil control. Denis Fraine talked to Cliff Matthews about it. Each unit costs approximately \$40,000. We need more data on this.

46 Silver Lake Rd. – Carol had a tree fall over their white fence onto Conservation Commission land. It is a large, (50 foot tall) 2 trunk tree, which is diseased. Before the rest falls into their driveway, they want to know what to do. Lori Fafard will take a look at it and make that determination.

218 Lake St. – 4 x 4 posts and badges are missing on one side of the duplex house, marking the no disturb zone, and there is a large slip & slide set up in that area. This will be visited on a site walk.

Sydney Lane – Cliff got a call about a damaged tree in the wetlands. Cliff called Dennis Fraine, to have the DPW cut the tree.

Neal Standley moved to adjourn the meeting at 10:20 PM, seconded by Mike O'Herron and passed on a unanimous vote.

Attending the meeting was: Cliff Matthews, Brian Norton, Shawn Wade, Neal Standley, Lori Fafard Michael O'Herron, and Arianne Barton, Associate Member.