

**Town of Bellingham  
Conservation Commission  
Municipal Center  
Bellingham, MA 02019  
Minutes of the meeting of June 13, 2012**

**Project: 105-615**  
CNOI

**Project Description:**  
Hartford Avenue / Shoppes at Bellingham Phase I  
14 building, parking areas, stormwater & wastewater mgt., & new  
access road off North Main Street

**Applicant:**  
Robert Frazier  
W/S Development  
1330 Boylston St.  
Chestnut Hill, MA 02467

**Representative:**  
ERM / Ann McMenemy  
399 Boylston St.  
Boston, MA 02116

**Plans: Proposed Site & Roadway, notice of Intent Permit Plans, Revised 4/27/2011  
Drainage Report, The Shoppes at Bellingham, Appendix A & Appendix B, rev 4/27/2011**

**Continuation time: 7:30 PM**

Bob Frazier, Austin Turner and peer reviewer, Tom Sexton, were present when the continued hearing was opened. Austin Turner gave a brief summary of the basin elevations and seasonal high groundwater discussed previously and then requested that the discussion on the basin elevations continue. He then distributed Summary Sheets dated 4/26/12. The seasonal high groundwater was determined at 217.3 for Infiltration Basin 8, but Austin Turner said that they would look to see if they can get better separation between the basin bottom and groundwater.

The applicant and Commission then continued review and responses to Tom Sexton's comment letter of 8/10/2011 and the Category Sheets as follows:

Cat 3 Comment 9(pg 7) The seasonal high groundwater elevation was agreed upon. The applicant will revise the mounding analysis and submit to the Commission for review.

Cat 3 SWM4 7c (pg22): The applicant will amend the Operation and Maintenance Plan.

Cat 3 SM 3 (pg 24): The Operations & Maintenance Plan was reviewed by Stormwater Compliance Group who recommended that regular maintenance of the outlet slots is critical. The applicant agreed to perform this regular maintenance to assure compliance with the O & M Plan.

Cat 3, SM 13 & SM 14 (pg26): The applicant agreed previously to adjust the distance between the sewer gravity or force mains from the infiltration basins and will provide those revisions in the revised plans.

Cat 3 SM17 (pg 26): The applicant agreed to include an additional pipe at the bottom of each surface detention basin including a cover to prevent bypass to allow draining of the basins within a 24 hour period for emergency purposes.

Cat 2 11 (pg 9): Austin Turner stated that he had discussed the setbacks to the infiltration basin systems with Tom Maguire of DEP. Maguire stated that the 2008 stormwater requirements do not have these particular setbacks specifically stated. Turner stated that the Supplemental NOI included design incorporating the 2008 Stormwater Handbook. After some discussion, it was agreed that the 2008 Handbook would be the basis for review of the stormwater design as the project has had a substantial "shelf life" and the Stormwater Guidelines no longer apply.

Cat 2, 46J (pg 11): Austin Turner stated that the temporary sedimentation basin proposed some time ago has been eliminated. He stated that the Erosion and Control Plans will be revised to reflect the current limit of work at wetland T.

Cat 2 WP 4 (pg27): Wetland M and T vernal pool setbacks are relative to the Bellingham Wetlands Bylaw. This comment will be moved to Cat 1 for more discussion.

Motion was made, seconded and voted unanimously to continue the hearing to June 27<sup>th</sup> at 7:30 PM.

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**Project: 105-698 & BWP-25**  
CNOI

**Project Description:**  
Silver Lake area, sewer line installation  
1534 sf BVW impacts

**Applicant:**  
Bellingham Residential #2 Realty LLC  
120 Quarry Dr.  
Milford, MA

**Representative:**  
Peter Lavoie, Guerriere & Halnon, Inc.  
333 West St.  
Milford, MA

**Plans: Dupre Road Sewer Pump Station Aug. 2, 2011, Revised Feb. 1, 2012, Sheet 1 – 7**

**Silver Lake Road Sewer Project, Douglas Drive to Cross St., Aug. 2, 2011, Rev 2/1/2012, Sheets 1-7**

**Cross Street Sewer Project, Aug. 2, 2011, Rev. Feb. 1, 2012, Sheets 1 – 6**

**Revised Plans submitted June 13<sup>th</sup>: “Resource Area Plan End of Douglas Drive, 5/17/12;**

**Culvert Replacements Dupre Road 4/9/12; Crystal Lake Culvert, 6/11/12**

**Hearing Time: 8:30 PM**

Peter Lavoie of Guerriere & Halnon and peer reviewer, Tom Sexton, were present when Cliff Matthews opened the continued hearing. Also attending were Beth Haines and her husband. Lori Fafard, an abutter, recused herself from the hearing. Chairman Cliff Matthews told Peter Lavoie that the revised plans were received by the Commission that morning. He stated that all information must be received ten days before the hearing or risk hearing continuation as stated under the Regulations of the Bylaw. Cliff added that he would permit Mr. Lavoie to present the information but that the Commission would not comment about any new information provided at the meeting until we have had ample time to review the revised plans. Peter Lavoie described the project as follows; the proposed sewer line would be constructed on Douglas Drive, cross wetlands then be located within the proposed roadway for Lakeview Estates, run down Silver Lake Road, crossing to Dupre Road, connecting to the pumping station on Cross Street and then to the Center Street sewer line for disposal at Woonsocket. He stated that the proposal includes temporary impacts for a crossing at Douglas Drive. Referring to the revised plans for Crystal Lake, Peter stated that a detailed survey was conducted in this area. The existing culvert is to be replaced with a 4-1/2' wide x 3' high concrete box culvert matching existing grades at the inlet and outlet. The existing water line will be relocated under the culvert into the ground with at 5 foot minimum elevation as will the new sewer line. The existing concrete block wall will be removed and replaced with a new reinforced headwall and guard rail. The road will be widened to 24 feet. Peter Lavoie stated that the existing two ten inch PVC culverts located on Dupuis Road will be replaced with two new 10 inch culverts and headwalls, matching grades at the inlet and outlet of the culverts. Barry Lariviere asked him if he has conducted any tests pits in this area as previously requested of the Commission. The Commission's concern is the potential for high groundwater and presence of peat. Mr. Lavoie stated that he has not performed any test pits. The Commission also stressed the importance of live loading and the requirement for developing a strategy for dewatering operations after test pits are performed. Lavoie continued by stating that the existing pump station at Douglas Drive will be razed, removed and/or abandoned. The existing sewer manhole will be removed and replaced with a new sewer manhole or filled and converted to a sewer manhole. Wetland disturbance anticipated at Douglas Dr. is approximately 1,534 sf of temporary BVW impacts. Cliff Matthews asked the applicant to relocate the pump station to an area of less impact. Abutter, Beth Haines, asked about resource area impacts as well. She also asked why South Center Realty filed Lakeview Estates and now Bellingham Residential #2 Realty LLC is filing for the associated sewer line. Mr. Lavoie did not know the answer. Mrs. Haines also stated that the Certificate from the Secretary from the MEPA review required preservation of archeological areas during sewer line planning and construction. Cliff Matthews stated that an area of archeological concern is located on the associated Shores at Silver Lake site. The sewer line at Lakeview Estates would not impact any archeological areas. Cliff then stressed the fact that the applicant is required to file long term impacts for both Lakeview Estates and Shores at Silver Lake with the town as required of the Sec. Certificate before the sewer line may be constructed. By unanimous vote, the hearing was continued to July 11, 2012 at 7:30 PM. Tom Sexton will continue his review of the project and submit his comments to the applicant and the Commission.

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**Project: 105-695 & BWP-21**  
CNOI

**Project Description:**  
Maple St. – pavement & drainage improvements

**Applicant:**  
Don DiMartino, Director  
Bellingham, MA

**Representative :**  
Thomas Daley, Gannett Fleming, Inc.  
199 Wells Ave., Newton, MA

**Plans: NOI issued May 3, 2012 Rev 2.0, Plan & Profile of Maple St., Sheets 1 -13, 2/23/2012 rev. 5/21/2012, Control of Water Narrative, 5/21/2012**

**Continuation time: 9:00 PM**

Don DiMartino and Tom Daley of Gannett Fleming were present when the continuation was opened. Cliff Matthews asked the applicant to quantify all resource area impacts resulting from the proposed changes made to the submittal at the May 9<sup>th</sup> hearing. He also asked Mr. Daley to revise the Narrative on dewatering and installation of the Vortech component by increasing the frequency of inspections from daily to every two hours because of high groundwater and proximity to the river. In addition, Cliff asked the applicant to add the provision for the requirement for erosion control around the live loading area in his Control of Water Narrative, a bid document. Mr. Daley also stated that he would provide the Vortech capacity and the peak discharge capacity for the Commission's records. (In a follow up email, Mr. Daley stated the capacity for the Vortechs 3000 unit is 4.5 cfs and the peak discharge capacity is 4.49 cfs – the 2 yr storm, getting the first flush.) Mr. Daley agreed to provide all of the requested information and will submit changes to the Control of Water Narrative in a timely fashion. The Commission agreed to prepare the Order of Conditions for signing at the next meeting. By unanimous vote, the hearing was continued to June 27 at 8:30 PM.

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**Project: 105-694 & BWP-22**  
CNOI

**Project Description:**  
Pearl Street drainage improvements

**Applicant:**  
Bellingham DPW  
26 Blackstone St.  
Bellingham, MA

**Representative:**  
Don Nielsen, Guerriere & Halnon Inc.  
55 West Central St.  
Franklin, MA

**Plans: Drainage Improvements Pearl Street, Bellingham, Sheet 1 of 1, Nov. 2, 2011, Revised May 9, 2012; Narrative & photos of 26 Pearl St. Test Pits results, Drainage Basin Areas on Hartford Ave. Map contributing to Pearl St. Basin**

**Plans submitted that evening: Drainage Improvements Pearl St. Sheet 1 of 4, 11/2/2011, Rev 6/13/2012**

**Continuation time: 9:15 PM**

Don DiMartino and Don Nielsen of Guerriere & Halnon were present when the continuation was opened. Don Nielsen presented revised plans dated 6/13/12 stating that he incorporated the following changes into the plans: changed the Plunge Pool Detail to incorporate hardwood mulch with grasses topped with two inches of pea stone, adjusted the bottom elevation to 174.65 in the Plunge Pool Detail, added Grass/Shrub Planting Detail and planting schedule to the plan. Don Nielsen agreed to provide an Operation and Maintenance Plan to address long term maintenance of the plunge pool as requested by Cliff Matthews. Cliff also asked Nielsen for a signed and stamped Stormwater Report as required in the Notice of Intent filing. Mr. Nielsen stated that all impacts to resource areas have been quantified and are located on the plans. He also stated that the areas where the work is proposed were surveyed and are not assumed elevations. There is no drainage analysis for catchment areas although Mr. Nielsen presented a plan showing sub-catchment areas for quantifying proposed runoff volume and rate. Mr. Nielsen will provide the O & M Plan and a signed Stormwater Report for the Commission's records. The Commission agreed to prepare the Order of Conditions for signing at the next meeting. By unanimous vote, the hearing was continued to June 27<sup>th</sup> at 8:35 PM.

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The Board discussed the request for a Certificate of Compliance for Lot 13, 46 Silver Lake Road, Bellingham Residential #2 Realty. George Holmes had instructed the applicant to confirm that all debris was removed from the resource area. He also stated that the applicant had established a replication bond for all outstanding work that must be performed before the issuance of the final CofC. Lori Fafard stated that the site was very muddy and that there were only two No Disturb Zone signs on the fence protecting the resource area. After discussion, the Commission agreed to sign a Partial Certificate of Compliance but hold the document until after an inspection that was scheduled for Sat., June 16<sup>th</sup>.

Site walks were scheduled for Sat. June 16<sup>th</sup>: 8:00 AM Pine Acres subdivision, Wrentham Road; D & N Estates subdivision, Pulaski Blvd.: Lot 13, 46 Silver Lake Road, Partial CofC.

Cliff Matthews gave an update on the letter requested by the DPW and the state regarding outstanding items that should be completed by Lynch Construction on the Pulaski Blvd. project. Don DiMartino also sent out a detailed itemization requesting immediate repairs to the drainage system.

Cliff reported that both Silver Lake and Jenks Reservoir will be treated for nuisance aquatic vegetation on Thursday, June 10<sup>th</sup>. The Commission will request a capital expense item on the Oct. Town Meeting Warrant for additional funds for the purpose of applying the herbicide, Sonar, to Silver Lake next spring. Sonar is recommended by Aquatic Control Technology, Inc. every four to five years to treat Fanwart in addition to the Milfoil and Lilly pads.

Attending the meeting: Cliff Matthews, Barry Lariviere, Neal Standley, Michael O'Herron, Lori Fafard, Brian Norton, Anne Matthews and George Holmes.