



**TOWN OF WILMINGTON
121 GLEN ROAD
WILMINGTON, MA 01887**

PLANNING & CONSERVATION
DEPARTMENT

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CONSERVATION COMMISSION MINUTES

April 6, 2016

Donald Pearson, Acting Chair, called the meeting to order at 7:03 p.m., Vincent Licciardi, Laurie Finne, and Sharon Kelley-Parrella were present. Julie Flynn, Charles Rooney III and Michael McInnis were absent. Winifred McGowan, Assistant Director of Planning and Conservation, was also present.

DISCUSSION – SILVER LAKE – DEP File #344-1139

Present in interest: Dominic Meringolo, Solitude Lake Management
Bregieta Arvidson, Solitude Lake Management

The Order of Conditions #344-1139 requires the Town of Wilmington to come before the Conservation Commission each year that it proposes treatment of invasive species in the lake. D. Meringolo stated that he just surveyed the lake and saw enough curly leaf pondweed growing that he recommended that 5-10 acres be treated. No herbicide treatment of the lake was needed last year but he feels that it is needed this season. He will provide a map of the area to be treated, the herbicide data, and the time line when this will be done. W. McGowan asked him to review the Order of Conditions as additional information still needs to be provided.

Upon motion duly made and seconded it was unanimously

VOTED: To approve the 2016 treatment proposed for Silver Lake.

**PUBLIC MEETING - REQUEST FOR A DETERMINATION OF APPLICABILITY- 128
GLEN ROAD - MAP 55 PARCEL 1**

Documents: Site Plan dated 4/22/2011, no revision date

Present in interest: Mike and Denise Abell, owners

D. Abell presented a plan to install a shed near the riverfront and BVW. W. McGowan believes that this project is exempt from having to file since it is over 50 feet from other resource areas and is in the lawn area. There is an open Order of Conditions for this property. D. Abell told the Commission that they hired an engineer to produce an As-built to close out the order. She agreed that the shed would be included on the as-built created to close out the Order of Conditions.

Upon motion duly made and seconded it was unanimously

VOTED: To issue a Negative Determination of Applicability for 128 Glen Road –
Map 55 Parcel 1.

PUBLIC MEETING - REQUEST FOR A DETERMINATION OF APPLICABILITY-RAILROAD RIGHT OF WAY

The applicant emailed a request to continue the public hearing until May 4, 2016.

Upon motion duly made and seconded it was unanimously

VOTED: To continue the public meeting for Railroad right of way until May 4, 2016.

PUBLIC HEARING - NOTICE OF INTENT - 900 SALEM STREET - MAP R1 PARCEL 27A - DEP FILE #344-1326

Documents: Benevento Sand and Gravel Outfall DSN 004 Improvements, 900 Salem Street, 6 sheets dated 3/16

Memorandum from Paul M. Alunni, Town Engineer dated 4/6/2016

Present in interest: Frank Postma, EA Engineering
Bill Schneider, Benevento Sand and Gravel

F. Postma stated that Beneventos has a National Pollutant Discharge Elimination System Permit which requires them to monitor their 5 stormwater outfalls. The outfall labeled DSN 004 has not met the standards consistently. They are proposing additional treatment to intercept stormwater that goes around the stormwater swale directly into the river. They are proposing to construct a vegetated buffer and a stone filter with regrading to direct the stormwater to the existing stormwater swale. Erosion controls will be used. In response to questions, F. Postma stated that the existing swale has been filtering out the fine materials and the stone filter will provide additional filtering where very little exists now. He stated that the seed mix is on the last page of the plan and has been used successfully at the site. He said he would provide calculations and a narrative to confirm that the existing water quality inlet is sized appropriately to accommodate the increase in runoff.

Upon motion duly made and seconded it was unanimously

VOTED: To continue the Public Hearing for 900 Salem Street – Map R1 Parcel 27A – DEP File #344-1326 until May 4th 2016 with the applicant's consent.

PUBLIC HEARING - NOTICE OF INTENT – NH MAIN LINE MILE POST 15.41 – DEP FILE #344-1327

Documents: Culvert Plan dated 3/7/2016

Memo from Paul M. Alunni, Town Engineer, dated 4/6/2016

Letter from David Gorden, PEER Consultants PC, dated 4/6/2016

Present in interest: Dave Gorden, PEER Consultants P.C.

D. Gorden presented a plan to replace a failing box culvert at Lubber's Brook with two 48-inch round pipes that are 12 feet longer than the box culvert. He passed out pictures of the project location. V. Licciardi asked how long this project will take. D. Gorden replied that the entire project takes 18 hours on the weekend. W. McGowan read the Town Engineer's comments. D. Gorden passed out their responses to the Town Engineer's comments. D. Gorden said the length of the new culverts will extend 3.5 feet more on each end. He explained that extending the length increases safety for the railroad tracks. There was a discussion regarding whether or not an Army Corps of

Engineers permit is necessary; D. Gorden said the project qualifies for Self Verification, although the Town Engineer questioned this in his memo. They included the HydroCAD analysis. He stated that there is no significant difference between the pre-development and post-development results for the 10 year, 25 year, 50 year, and 100 year precipitation events. The proposed plans were not stamped by a P.E. D. Gorden stated that requiring this is left up to the discretion of the commission. The as-built plan will be stamped by a PE when the project is completed. They discussed what other options or culvert designs could be used to come closer to meeting the stream crossing standards. D. Gorden explained that they chose this design to minimize the percentage of failure. He agreed to continue the hearing so the Town Engineer can review the responses passed out this evening. He agreed to provide plans that are stamped and signed.

Upon motion duly made and seconded it was unanimously

VOTED: To continue the public hearing for NH Main Line Mile Post 16.41 – DEP File #344-1327 until May 4, 2016 with the applicant's consent.

PUBLIC HEARING - NOTICE OF INTENT – 10 BURT ROAD – MAP 30 PARCEL 31 – DEP FILE #344-1328

Documents: Site Plan, 10 Burt Road, dated 3/21/2016

Present in interest: Luke J. Roy, L.J.R. Engineering
Steve Eriksen, Norse Environmental Services
Michael Tkachuk, Applicant
Craig Forester, owner

L. Roy presented a plan to demolish an existing home and construct a new single family home with driveway and associated site work, use existing leach field with a new septic tank. The roof runoff will be directed to subsurface infiltration units and a stone trench is proposed along the driveway for driveway runoff. The new driveway goes into the floodplain, with no filling of floodplain; that work will need a special permit. To meet the zoning setbacks, the house will be closer to the wetlands. The alteration of the Riverfront Area of the Ipswich River will increase to 3,921 sq. ft. when the yard is expanded, less than what could be allowed. In response to questions, L. Roy indicated that there were alternatives and some work could be shifted out of riverfront and floodplain, but he was not sure the owner was willing to shrink the footprint of the house. He agreed to move the demarcation fence out of the floodplain. In response to questions, S. Erikson stated that he used a kayak when delineating the river line, but had been unable to go past flag 4 with the kayak. He didn't feel it was necessary to delineate upstream as the river continues further from the lot, based on an apparent channel on an aerial photograph. W. McGowan said she had not confirmed the line.

Upon motion duly made and seconded it was unanimously

VOTED: To continue the public hearing for 10 Burt Road – Map 30 Parcel 31 – DEP File #344-1328 to May 4, 2016 with the applicant's consent.

CONTINUED PUBLIC HEARING - NOTICE OF INTENT - 196 BALLARDVALE STREET - MAP R2 PARCEL 7C - DEP FILE #344-1325

The Applicant emailed a request to continue the public hearing until May 4, 2016.

Upon motion duly made and seconded it was unanimously

VOTED: To continue the public hearing for 196 Ballardvale Street – Map R2 Parcel 7C – DEP File #344-1325 until May 4, 2016.

CONTINUED PUBLIC HEARING - NOTICE OF INTENT – GARDEN OF EDEN SUBDIVISION, 3, 5, 7, 9-27 GREEN MEADOW DRIVE - MAP 2 PARCELS 201-206, 223-225 - MAP 3 PARCELS 207-222 - DEP FILE #344-1322

Documents: Site Development Plan, Garden of Eden, Wilmington, Massachusetts, 17 sheets dated January 7, 2016, revised to March 21, 2016
Stormwater Pollution Prevention Plan, revised 2/25/2016
Stormwater Management & Erosion Control Plan revised 3/21/2016
Existing and Proposed Conditions Drainage Plan, and Swale subcatchments revised 2/25/2016
Email from DEP dated 3/10/2016
Letters from Doug Lees dated 3/24/2016, 3/21/2016
Email Correspondance from Gary Bogue dated 2/29/2016
Letter from Steven Eriksen dated 2/24/2016
Memo from Paul Alunni, PE, Town Engineer dated 1/26/2016
Letter from Joe Langone dated 2/3/2016

Present in Interest: Doug Lees, Land Engineering & Environmental Services

D. Lees presented a plan to construct a Conservation Subdivision for 26 single family homes with associated roadwork and sitework. In addition to Bordering Vegetated Wetlands and isolated wetlands there are Riverfront and Zone 2 Wellhead Protection Areas that effect this project. He summarized the revised alternatives analysis. The road entrance was shifted very close to the property line, to minimize Riverfront disturbance. There will be 3 infiltration basins to handle the runoff from the road. A swale will intercept runoff from the hill behind the houses on the south side of the road. Driveway runoff not directed into the road drainage system will be directed to infiltration features on the lot. The Town Engineer was satisfied with the revisions made to the road and stormwater design. Test pits for the septic systems will be done this spring. 30 acres will be donated to the town as conservation land. In response to questions, D. Lees said the tree cutting plan does not address the house lots, just cutting for the road and drainage, as required in the subdivision requirements. The house lots in the buffer zone will have individual wetland permits. Runoff from a small section near Chestnut Street will be directed towards a catch basin on the road.

Upon motion duly made and seconded it was unanimously

VOTED: To close the public hearing for The Garden of Eden Subdivision, 3,5,9,- 27 Green Meadow Drive - Map 2 Parcels 201-206, 223-225 - Map 3 Parcels 207-222 - DEP File #344-1322

CONTINUED PUBLIC HEARING - NOTICE OF INTENT - 6 KENDALL STREET - MAP 20 PARCEL 5 – DEP FILE #344-1323

Documents: Proposed Subsurface Septic System dated 1/8/2016
Letter from Rachael Derr, Sun Initiative, dated 3/2/2016

Present in Interest: Luke J. Roy, L.J.R. Engineering

L. Roy said additional test pits were done with the health department and the revised septic plan was approved. The infiltrator trench for the roof drain system on the side of the house

has been shifted slightly to lessen potential damage to existing tree roots. They added a yard wastes area in the rear. They will restore the 15 foot no disturb area and will provide a planting plan; a demarcation fence will be installed. W. McGowan stated that the planting plan will need to be approved and planting should be completed this spring. There is an old Order of Conditions that can be closed out once the 15-foot no-disturbed area is restored. Sheila Nicholas stated that she lives in the property and is trying to buy the foreclosed home back from the bank. She said she did not want the project to go forward. There was a discussion regarding the ownership of the property and the current deed was reviewed.

Upon motion duly made and seconded it was unanimously

VOTED: To close the public hearing for 6 Kendall Street - Map 20 Parcel 5 - DEP File #344-1323

VOTED: To issue an Order of Conditions for 6 Kendall Street – Map 20 Parcel 5 – DEP File #344-1323

OTHER BUSINESS

CERTIFICATE OF COMPLIANCE – 75 ALDRICH ROAD - MAP 20 PARCEL 40 – DEP FILE #344-1005

Upon motion duly made and seconded it was unanimously

VOTED: To issue a Certificate of Compliance for 75 Aldrich Road – Map 20 Parcel 40 – DEP File #344-1005

CERTIFICATE OF COMPLIANCE – 804 WOBURN STREET - MAP 47 PARCEL 2 – DEP FILE #344-956

Upon motion duly made and seconded it was unanimously

VOTED: To issue a Certificate of Compliance for 804 Woburn Street – Map 47 Parcel 2 – DEP File #344-956

CERTIFICATE OF COMPLIANCE – 804 WOBURN STREET – MAP 46 & 47 PARCELS 130 & 2 – DEP FILE #344-1242

Upon motion duly made and seconded it was unanimously

VOTED: To issue a Certificate of Compliance for 804 Woburn Street – Map 46 & 47 – Parcels 130 & - DEP File #344-1242

CERTIFICATE OF COMPLIANCE – 804 WOBURN STREET – MAP 47 PARCEL 2 – DEP FILE #344-1276

Upon motion duly made and seconded it was unanimously

VOTED: To issue a Certificate of Compliance for 804 Woburn Street – Map 47 Parcel 2 – DEP File #344-1276

EMERGENCY CERTIFICATION – I-93 - END OF KILMARNOCK- MASS DOT -

Upon motion duly made and seconded it was unanimously

VOTED: To ratify the Emergency Certification for I-93- the end of Kilmarnock – MASS DOT to remove the beaver dam

EMERGENCY CERTIFICATION - WILDWOOD CEMETERY, CORNER OF CYPRESS AVENUE AND CHESTNUT AVENUE – MAP 64 PARCEL 1

Upon motion duly made and seconded it was unanimously

VOTED: To ratify the Emergency Certification for Wildwood Cemetery – Map 64 Parcel 1 to replace headwall at corner of Cypress Avenue and Chestnut Avenue

EMERGENCY CERTIFICATION - 154 LAKE STREET – MAP 35 PARCEL 1

Upon motion duly made and seconded it was unanimously

VOTED: To ratify the Emergency Certification for 154 Lake Street – Map 35 Parcel 1 to remove a hazardous tree

EMERGENCY CERTIFICATION – 417 ANDOVER STREET – MAP R3 PARCEL 15

Upon motion duly made and seconded it was unanimously

VOTED: To ratify the Emergency Certification for 417 Andover Street – Map R3 Parcel 15 to install a leveler in a beaver dam

MINUTES - March 2, 2016

There was not a quorum present from that meeting to vote on minutes for March 2, 2016.

ADJOURN

There being no additional business to come before the Conservation Commission, it was

VOTED: To adjourn the meeting at 9:29 pm.

Respectfully submitted,



Elizabeth Lawrenson
Senior Clerk