

**EARTH REMOVAL STORMWATER ADVISORY COMMITTEE
TUESDAY, DECEMBER 4, 2018, 7:00 PM
MINUTES**

Chairman Perkins called the meeting to order at 7:00 PM in the Town Hall.

Members present: Edward Perkins, Tom Delaney, Bob Hanninen, and Eileen McHugh

Member absent: George Barringer

PUBLIC HEARING – CHAD FALARDEAU, 11 TOWNLINE ROAD

In accordance with the provisions of Chapter 198 of the Code of Groton, the Earth Removal Stormwater Advisory Committee held a public hearing to consider the application for a Limited Stormwater Management Permit submitted by Chad Falardeau for land clearing as shown on the sketch plan prepared by Chad Falardeau submitted with the application. The proposed project will be located on Assessors' Map 203, Parcel 3 & 31, on the southerly side of Town Line Road and westerly side of Townsend Road.

Chairman Perkins called the public hearing to order by reading the legal notice published in the November 16, 2018 issue of the *Groton Herald*. Applicant Chad Falardeau and abutters were present.

Mr. Falardeau presented the plan showing his house, garage, and the area that had been clear cut. He said he purchased the abutting lot (Map & Parcel 203-3) to expand his landscaping business. Runoff from the lot flows toward the nearby wetlands to the southwest. All disturbed areas will be restored and graded.

Member Delaney, who is the DPW Director, said a permit for a curb cut on Townsend Road is required.

Member Hanninen said the existing entrance with the crushed stone at the intersection should be closed off for safety reasons. A construction entrance on Townsend Road would be safer. Mr. Falardeau agreed and said he would use concrete blocks to close off the entrance at the intersection.

Member Delaney said the new entrance should have a paved apron. Mr. Falardeau said he would do the work in the spring.

The Committee voted unanimously to close the public hearing.

The motion was made by Hanninen, seconded by McHugh, to grant a Limited Stormwater Management Permit with the following findings and conditions:

Finding of Significance

The Earth Removal Advisory Committee determined that the proposed project is significant to the interests stated in Chapter 198, Section 1 Purposes, including:

It has been determined that proper management of construction sites and post-development stormwater runoff will prevent damage to public and private property and infrastructure, safeguard the public health, safety, environment and general welfare, protect water and aquatic resources, promote groundwater recharge to protect surface and groundwater drinking supplies, and encourage the appropriate use of the land throughout the Town.

Special conditions:

At its regular meeting on December 4, 2018, the Earth Removal-Stormwater Advisory Committee voted to grant the permit with the following conditions:

1. Construction shall be done in accordance with the above-referenced plans.
2. The construction entrance shall be stabilized for a minimum distance of 50 ft as shown on the "Construction Entrance" detail from the "Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas." The crushed stone shall be replenished as needed to prevent tracking sediment on the public way. The location of the construction entrance on Townsend Road must be reviewed and approved by the DPW Director.
3. All work shall be done in compliance with the "Massachusetts Department of Environmental Protection - Stormwater Management, Volume One: Stormwater Policy Handbook, and Volume Two: Stormwater Technical Handbook," dated February 2008.
4. It is the applicant's responsibility to prevent the products of erosion and sedimentation from reaching Townsend Road and Town Line Road (Route 119) and causing a safety hazard on the public way. There shall be no net increase in runoff or erosion to the public ways, the municipal storm drain system, or abutting properties. Work shall not go beyond the limits of disturbance shown on the above-referenced plan. The stakes shall be maintained throughout construction to prevent any disturbance to the vegetation or topography beyond the limits of disturbance.
5. All disturbed areas and stockpiles must be properly stabilized. A supply of erosion control material shall be kept on site to stabilize disturbed areas.
6. The applicant shall take effective measures to control dust and windblown erosion at all times.
7. The applicant must submit any proposed change in the above referenced plans to the Earth Removal-Stormwater Advisory Committee for its review and approval before the change is implemented.
8. The removal of any excess earth material from the site requires a Certificate of Exemption from the Earth Removal By-law, Chapter 134 of the Code of the Town of Groton. Chapter 134, Section 10 Exemptions.
9. The applicant is responsible for obtaining any other permits (including but not limited to) those required by the Board of Selectmen, Board of Health, Conservation Commission, Building Inspector, DPW Director, Planning Board and Zoning Board of Appeals.

10. It is the applicant's responsibility to insure that the contents of this permit are made known to all contractors who perform work at this site.
11. It is the applicant's responsibility to contact Dig Safe prior to the commencement of any work at the site. The applicant is responsible for obtaining a trench permit, if required by G.L. c. 82A §1 and 520 CMR 7.00 et seq (as amended).
12. If the project is not completed within two (2) years from the date the permit is issued, it is the responsibility of the applicant to request an extension. The Committee may grant extensions for additional time provided that the applicant submits a written request for renewal no later than 30 days prior to expiration of the permit.
13. This permit runs with the land and applies to any successor in interest or successor in control.

The motion passed unanimously.

MINUTES

The Committee voted unanimously to approve the October 30, 2018 minutes.

ENFORCEMENT ORDER – REEDY MEADOW ESTATES DRAINAGE PROBLEMS

The Committee met with its engineer, Zuki Mahmuljin of Nitsch Engineers, developer Peter Cricones, Matt Dusenberry of Land Engineering and Environmental Services, and Olivia Way residents to discuss the flooding problems on Olivia Way.

Mr. Mahmuljin said Olivia Way is at the low point of the development. The catch basins are full of sediment. The silt sacks are full and burst, blocking the flow of water to the recharge system.

Mr. Cricones said the catch basins were cleaned out that day and water is flowing. The subsurface StormTec systems are not clogged.

Member McHugh said there is a three-chamber water quality unit before the StormTec system that is there to clean the water before it reaches the infiltration system.

Mr. Cricones agreed that the water flows from the catch basins to the 7500-gallon water quality unit to the StormTec recharge system.

Member Delaney asked if there is an as-built plan of the subsurface system. Mr. Cricones said it was installed as designed.

Mr. Mahmuljin asked if the invert elevations are correct and if the water is flowing the right way.

Chairman Perkins said someone suggested a video inspection of the subsurface system. Member Delaney said the system must be clean and dry first.

December 3, 2018

Page 4

Chairman Perkins asked how the water is now. Channing Lambert, 10 Olivia Way, said water is being pumped from his basement into the street. If the pumps stop running, the basement is flooded.

Joel Meiners, 6 Olivia Way, said his basement is still flooded.

Elizabeth Esielionis, 3 Olivia Way, said she still has water in her basement.

Mr. Cricones said he is trying to control the problem.

Stormwater Inspector Michelle Collette said the developer is responsible for solving the problem. His engineer must submit a proposed design solution to the Town. The Committee will send the design plans to its consultant, Nitsch Engineering, for review. All the associated costs must be borne by the developer.

The motion was made by Hanninen, seconded by McHugh, to meet in two weeks, on December 18, 2018, with Nitsch Engineering to review the developer's plan. The developer's plan must include a short-term interim solution and a long-term permanent solution. All costs must be borne by the developer. The developer must submit a completed as-built plan. The motion passed unanimously.

Mr. Dusenberry, the developer's engineer, said the original plan and soil test logs show ground water at 12 ft below the surface.

Jonathan Hambrecht, 9 Olivia Way, said if it is the water table causing the flooding, then the road should be raised.

Mr. Dusenberry said two weeks is not enough time to prepare the mitigation plans. The Committee said it will meet on December 18, 2018 to review the plans.

Andrew George, 13 Olivia Way, asked if the two sets of catch basins are connected. Mr. Cricones said, "no," the catch basins flow to the water quality chamber.

Chairman Perkins reiterated that an as-built plan and engineering solution are required.

Member McHugh said the as-built plans must be submitted to Nitsch Engineering by December 11, 2018 so the Committee can review the plans at the meeting on December 18, 2018.

The motion was made by Hanninen, seconded by McHugh, that the as-built plans must be submitted by December 11, 2018, the plan for the interim solution must be submitted by December 14, 2018. The meeting with the design engineer and Nitsch Engineering to review

December 3, 2018

Page 5

the plan shall take place on December 17, 2018 in the Town Hall, and the Committee will meet on December 18, 2018 to review the plans.

The motion passed unanimously.

Meeting adjourned at 9:00 PM

Respectfully submitted,

Michelle Collette
Earth Removal Stormwater Inspector