

INLAND WETLANDS & WATERCOURSES COMMISSION  
TOWN OF VOLUNTOWN  
OCTOBER 6, 2016

The meeting was called to order at 7:35 P.M. Members present were Dave Minor, Lester Davis and alternate Tammy Daigneault. Wetlands Agent Joe Theroux was also present. Absent were Chairman Tom Sweet, John Moran, Andy Mclellan and alternate Bob Panko. Tammy was seated as a regular member, and Lester filled in for the Chairman.

Approval of minutes. Dave made a motion to accept the minutes from the September meeting, Tammy seconded the motion, all were in favor, motion carried. The minutes from the May meeting could not be approved as there was no quorum.

Audience members included Buckley Drive residents, and Bob and Gayle Sirpenski.

At this time Tammy recused herself off of the board for discussion of Buckley Drive.

Old Business: Bob Schuck from Schuck Engineering presented revised plans for Buckley Drive drainage improvements. To eliminate the sediment being discharged into Beach Pond, they designed an 18 inch wide rip rap channel, 7 inches in diameter, beginning at the end of Mr. Gibson's driveway. They have also added a 2 foot deep 18 inch wide crushed stone area below the rip rap channel to allow for infiltration and eliminate peak flows especially during small storms where the water will seep into the ground to the permeable soil below. And that follows the water quality guidelines that the State has. Bob showed the board on the plans where it will continue down the road 255 feet to the McClaren driveway, and go through the existing 12 inch RCP culvert there and continues another 20 feet, install a catch basin where the runoff from the channel will run into. At this point there will be a pipe tying into the existing catch basin which discharges to the pond. The road is elevated with a 2% pitch from the channel to the northeast side, so any runoff that comes down the road that falls onto the driveway would flow toward the rip rap channel. In addition to that there are 3 water bars to direct the flow onto the southwest side of the driveway. The catch basin will have a 4 foot sump which has a lot more capacity. There will be a hooded outlet on the catch basin and across the road between the existing catch basin on the paved area there is an 8 inch pipe that flows from that catch basin to the catch basin in the low part of the driveway. The area is flat and at this time Bob handed out pictures of that area. What they want to do is cut the 8 inch pipe and replace it with a perforated 8 inch pipe and create a curtain drain, with stone below it so the flow on the driveway would be directed to that curtain drain. The stone would be wrapped with a filter fabric so it would prevent sand and sediment from getting into the drainage system and that would tie into the existing basin. For maintenance purposes the top 4 inches would have another layer of filter fabric with  $\frac{3}{4}$  inch crushed stone so if the sediment or sand eventually blocks the infiltration to get into the curtain drain there would be a ponding effect. The maintenance worker could take off the top 4 inches, replace the filter fabric. It saves the curtain drain and doesn't allow sediment to get into the drain. There will be a maintenance plan as well as some other notes that was added to the plan which he read to the audience. Bob asked if there were any questions. Joe mentioned the feedback he got from CLA Engineers on the drainage calculations. Bob said that he changed the flow by changing the adjustment and discussion took place on those calculations. The system itself is designed for a 25, 50, 100 year storm. At this time several audience members discussed their concerns about the plan and the maintenance of the system. Most were concerned about the volume and velocity of the water and would like to see that diminished. When construction starts, Mr. Buckley asked if putting a 2 foot perimeter around each catch basin with blacktop would be

good. Bob stated that it wouldn't hurt and might even breakdown the sediment going into the basins. Joe had revisions that he would like to see incorporated into the plan. He would like added to the notes that the Wetlands Agent is to be notified of inspections and set the inspections at the same time each year and he can sign off on it. The paving around the basins would be a good idea. As far as the basin elevation across from Daigneault property goes, if, in Bob's opinion it is not correctly elevated now if lowering it would be prudent, it should be done. Those were a few things he would like to see incorporated into the plans. Also, Joe thought the stone dust and whatever was used on the driveway is too fine and will fill in the trench so he would like a spec added to the plans on what material is going to be used. Dave made a motion to have a special meeting on October 13<sup>th</sup>, Lester seconded the motion, all were in favor, motion carried.

At this time Tammy came back on the board.

New Business: 279 Brown Road, Robert Sirpenski. Bob presented plans for two proposed houses. He showed on the plans where the existing driveway and the wetland area. The house will be built 850 feet from the road. Underground utilities will be 100 feet from the wetland area. No construction will be done near the wetland area. The driveway is all topsoil and will be replaced with stone and gravel and the only disturbance will be the excavation of the driveway. The board looked over the plans. The board would like to see silt fence between the driveway and the wetlands, then seeded over, also where the trench will be for the underground utilities. Dave made a motion to accept the application for 279 Brown Road for a 2 lot subdivision with revisions on it showing sediment control and trench location, Tammy seconded the motion, all in favor, motion carried.

Agents Report: Joe reported that he has not received an application from Carl Grenier for 333 Pendleton Hill Road. He went out and looked at the site. It looked like he weed whacked all the brush and plants that were around the berm that is between the driveway and the stream. Then he put the silt fence on top of the berm which was not where Joe told him to put. Joe will talk with him and have him move it. He graded off the pile of gravel like his was supposed to do. Joe sent him a letter and he showed the board the letter that he sent. He also talked with DEEP and if Carl wants to do any work near that stream channel then he does need a permit from DEEP.

Dave made a motion to adjourn the meeting, Tammy seconded the motion, all were in favor. The meeting was adjourned at 9:03 P.M.

Respectfully Submitted:

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Lester Davis, Acting Chairman