



Town of Northborough

Office of the Town Engineer

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Groundwater Advisory Committee

March 19, 2019

Conference Room B

6:00 p.m.

Present: Bryant Firmin (Water and Sewer Commission); Theresa Capobianco (Planning Board); Diane Guldner (Conservation Commission), Tina Hill (Board of Health)

Absent: Tim Kaelin (Board of Selectmen)

Also Present: Fred Litchfield (Town Engineer); Michael Scott (WDA Design Group); Amy Poretsky

Ms. Capobianco called the meeting to order at 6:08 p.m.

6:00 p.m. (Continued) To consider the petition of Kevin Labadini Corporation, for a Special Permit/Special Permit with Site Plan Approval/Special Permit, Groundwater Protection Overlay District, to allow a contractor's yard to be located at 329-333 West Main Street (Assessor's Map 81, Parcels 13, 14 and 15) which was previously an Industrial Waste Management and Disposal Company (a pre-existing non-conforming use) in the Business West District and Groundwater Protection Overlay District Area 3.

Applicant: Kevin Labadini Corporation

Representative: Michael Scott P.E., WDA Design Group

Michael Scott (WDA Design Group) supplied the MSDS sheets that were previously provided to the Fire Department. The floor plan repair shows the interior storage container, pallet storage, and oil tank location proposed where they intend to keep them inside the building. There is a cut sheet on the pallets they intend to use under the drums. The concrete tank original proposed is a single wall tank; the floor drain system is designed for holding or to service or drain to a tight tank. Mr. Scott said there are no regulations as to whether or not a secondary containment is necessary. He included the fiberglass tank used in a fueling station (high quality). He believes the other tank may be acceptable; he will confirm with DEP. There is no intent to store a massive spill in the tank; it would be cleaned out quarterly or more frequently. It would be capable of containing up to 10,000 gallons and would report if there was any leakage; it is a double wall system.

Mr. Scott needs to provide Mr. Litchfield with the design of the system, the operation of the site and an updated Operation and Maintenance Plan. The only change to the site plan was that they swapped out the tank for a longer narrower one.

Mr. Litchfield said that significant work was done since the last meeting. The 10,000 gallon storage tank was more accurately designed, photos of spill containment pallets were provided (the concept was there, but the pallets shown hold weight-wise four 55 gallons drums; the capacity that the sump can contain is only 73 gallons); something bigger would be needed to store 220 gallons. Mr. Litchfield would like to see the details

provided. The Committee could make a recommendation that the containment in the system is fine provided it can store 100% capacity. The 500 gallon drum is for diesel fuel for their trucks; having that stored inside does not seem to be a problem, but should have a containment dike around it.

The owner confirmed that there are no floor drains where the welding shop is and no chemical storage. Mr. Litchfield wants that information put on the as-built plan. There is a diagram indicating the size of the housing is 8' x 20' (waterproof) and what is planned to be stored. Mr. Litchfield wants more details about the containment. He felt 10,000 gallons is an appropriate number, but the actual calculations were not provided; he would like to see them. Town water is connected to the building. Mr. Litchfield would like more detail where the line in the street is (it can be added to the as-built plan). The plan has not been revised to reflect the change in the groundwater calculations.

Amy Poretsky's email was addressed. She had a concern about the salt. Mr. Litchfield said salt is the biggest concern for groundwater. There is no way to eliminate the salt when it is mixed with the water. The Committee can make sure there is containment around the areas where it is stored and that the inside can be cleaned out without contamination. Ms. Poretsky asked about the pesticides on the trucks. Mr. Scott said they are not spraying from a truck; it is usually done by a hand-pump or backpack. Trailers do not drive over the area after chemicals are put down.

Ms. Poretsky asked where the salt would be stored in the winter. The Committee could make a recommendation that no outside storage for salt or de-icing chemicals be allowed because it was not part of plan that was reviewed by the Committee. Ms. Poretsky asked where grass clippings will be stored. Mr. Litchfield said the area to the west where additional pavement is proposed (with curbing surrounding it to catch any water running off of the pavement). They will be stored on the pavement temporarily. Mr. Scott will confirm if there will be a roll off container for them.

Ms. Guldner asked what happens if there are two big rain events back to back. Mr. Litchfield said the drainage calculations are designed for 100-year storms and the system drains within 72 hours.

Ms. Capobianco moved to recommended approval of the application subject to the receipt of the missing information outlined in Mr. Litchfield's letter and any information referenced during the meeting. Mr. Firmin seconded the motion and the vote was unanimously approved.

Old/New Business:

The day and time for the meetings was discussed. Members decided to meet on the 2nd Wednesday of the month at 6:30 p.m. Mr. Litchfield will inform Mr. Kaelin.

The next meeting will be held May 14, 2019 if required.

Ms. Capobianco made a motion to adjourn; Ms. Guldner seconded; all voted in favor; motion approved. The meeting adjourned at 6:45 p.m.

Respectfully submitted,

Fred Litchfield

Town Engineer