

August 24, 2020

Heather Charles Lis, Assistant Conservation Officer  
Town of Hingham  
210 Central Street  
Hingham, MA 02043

Re: Revision #2 & Alternate Plans Comments  
100 Industrial Park Road  
Hingham, MA

Dear Ms. Charles Lis:

We are in receipt of your comments contained in an email dated August 21, 2020, regarding the project noted above. Our responses are indicated below in ***bold italic*** text and are as follows:

1. Plans

- The Site Plans (SP-1 and SP-2) both had a number of labels and notes around the perimeter of the plans on the last version and these labels appear to be missing from the revised plan set.

***Response: The labels are on the sheets SP-1 and SP-2 again.***

2. Erosion & sedimentation controls

- Thank you for reversing the filter sock and silt fence. Please also update the installation note (II. A.) and reverse the silt fence & silt fence stake. I know this may seem like a minor point, but I've witnessed a large E&SC installation that was incorrectly installed with silt fence stakes to the inside (work side) because that is what the detail showed, and there were issues during construction.

***Response: The note on sheet EC-3 has been updated to read "Place the filter socks behind the silt fence & silt fence stake at the bottom end of slope."***

3. Stormwater

- As with other submittals, all comments from the peer review engineer hired by the Planning Board should be addressed to the satisfaction of the Commission.

***Response: Acknowledged.***

- One catch basin (CB-10) is still configured "in-line". You should add a manhole to ensure that all catch basins are "off-line". Thank you for addressing the other catch basins.

***Response: An additional manhole has been added to place CB-10 in an off-line configuration.***

- I can't find a label with inverts, etc. for what appears to be catch basin CB-12.

***Response: The catch basin number has been adjusted; CB-12 is now labeled near the southwestern parking area entrance.***

- The O&M Plan should also note that for the constructed stormwater wetland, sediment should be cleaned out of basin/wetland systems once every 10 years, per the Stormwater Handbook.

***Response: Acknowledged, a revised copy of the O&M Manual is enclosed. A revised Stormwater Management Report will be provided upon decision of the appropriate constructed stormwater treatment pond at the south side of the site (0.5" WQV treatment or 1" WQV treatment of the entire site).***

#### 4. Septic

- Similar to stormwater, all septic comments from the peer review engineer should be addressed to the satisfaction of the Commission.

***Response: Acknowledged.***

- More details are needed on how the current wastewater treatment leaching area would be abandoned and restored. The Supplemental Buffer Plantings would be a significant improvement, but there would need to be loam and presumably some grading/leveling first. How would the existing sand and any infrastructure be disposed of? Are any additional measures necessary to ensure this area is not contaminated?

***Response: The existing sanitary line from the south side of the building to the existing wastewater treatment facility will be cut and capped. The wastewater treatment facility and aeration concrete tank and appurtenances will be pumped out, removed and disposed of at a licensed handling facility. The existing PVC piping will be cut and removed from the existing wastewater treatment plant to the existing leaching sand bed.***

***The existing leach area sand that was recently replaced for the leaching field does not contain contaminants from the existing wastewater treatment facility since the effluent is pre-treated before reaching the leaching pipes and the leaching field. Therefore, this sand can be used as part of the soil amended soil mixture for the***

*proposed tree plantings of 1-part sand, 1-part topsoil /loam and 1-part compost/organic material. Any excess leaching sand not to be re-used on-site will be removed and disposed of properly as the grades in this area are to match existing. Please refer to the revised landscaping plans for more details.*

*Additionally, we were informed by the Applicant's LSP that proposed interior landscaped islands do not require liners shown previously because of the AUL associated with this site. We have revised the landscape plans to add trees on interior islands where feasible that does not conflict with the new proposed Title V Septic System located on the north side of the building.*

5. Landscaping & Plantings

- The Commission would want to see Supplemental Buffer Plantings Area 'B' incorporated into the Revision #2 plans, if they ultimately do not allow the encroachment into the 50-ft for stormwater management.

*Response: Response: The landscape plans have been revised to incorporate the Area "B" Supplemental Buffer plantings into the revised landscape plans.*

We trust this answers your questions and addresses your concerns. Should you require additional information, please feel free to contact me at 203-608-2438.

Sincerely,



Kevin Hixson  
Senior Project Manager