Elizabeth Burdick

From: Megan Thomas <megan@epiccleantec.com>
Sent: Wednesday, June 25, 2025 2:38 PM
To: Daha, Antoanela
Cc: Richard Ross; Elizabeth Burdick; Jones, Lauren; Charlie Klewin
Subject: Re: Sweet Hill Acres Application 202406985

Removing Maurice Gawendo as he is no longer associated with this project. Adding Charlie Klewin, Owner.

Hello Antoanela,

We are finalizing the additional geotechnical investigation requirements for the site based on your comments. Prior to beginning this work, we would like to confirm that the proposed methods for addressing each of your comments will sufficiently address the comments. Can you please comment on the adequacy of the proposed methods listed under each comment below? Additionally, can you please let us know which of the following testing would require DEEP to be present on-site, if any? We would like to get that scheduled as soon as possible, if needed.

- Proper calculation of horizontal hydraulic conductivity
  - **Proposed method:** *Performing Auger Hole Bailing or Slug Tests to estimate horizontal hydraulic conductivity*
- Information about the glacial till characteristics and how water moves through that layer
  - **Proposed method:** *If glacial till is encountered at depths of less than four feet, infiltration testing may be performed in the test pits. Otherwise, characteristics of the till will be determined from Auger Hole Bailing or Slug Tests.*
- Sufficient data to establish and determine the seasonal high groundwater elevation under all portions of the proposed dispersal area
  - **Proposed method:** *Estimates of seasonal high groundwater will be determined in test pits by visually identifying redoximorphic feature such as concentrations and depletions associated with fluctuations in groundwater.*
- Sufficient data on groundwater elevation, gradient and direction of flow (only 2 reading points on 2 dates were provided)
  - **Proposed method:** *Installing four additional monitoring wells within the proposed infiltration areas and providing readings every 2 weeks for 6 weeks total.*
- Proper plotting of groundwater contours
  - **Proposed method:** *Create a plot of groundwater contours based on the additional testing proposed above.*
- Saturated thickness of the aquifer under the site
  - **Proposed method:** *Review the Surficial Aquifer Potential Map of Connecticut and provide saturated thickness of the aquifer based on the groundwater contours.*

Best wishes,
Megan Thomas

epiccleantec

801.550.4486 | megan@epiccleantec.com
epiccleantec.com