Anna Wynn

From:	Elizabeth Burdick
Sent:	Thursday, June 26, 2025 4:13 PM
То:	Anna Wynn
Cc:	Hannah Gienau
Subject:	FW: Sweet Hill Acres Application 202406985
Importance:	Low

Please save this email from DEEP to Epic Clean Tec as an exhibit for IWWC #25-5SITE.

Líz Burdíck, Director of Land Use & Planning Town of Ledyard 741 Colonel Ledyard Highway, Ledyard, CT 06339 Telephone: (860) 464-3215 Email: <u>planner@ledyardct.org</u>

From: Daha, Antoanela <Antoanela.Daha@ct.gov>
Sent: Thursday, June 26, 2025 2:49 PM
To: Megan Thomas <megan@epiccleantec.com>
Cc: Richard Ross <richard@epiccleantec.com>; Elizabeth Burdick <planner@ledyardct.org>; Jones, Lauren
<Lauren.Jones@ct.gov>; Charlie Klewin <king.klewin@gmail.com>
Subject: RE: Sweet Hill Acres Application 202406985
Importance: Low

Good afternoon,

For clarity, I've included my comments in green beneath your proposed methods. I don't believe my presence is necessary during the testing activities, as there is little to observe directly during these procedures. I hope this answers your questions. Best regards, Antoanela

Antoanela L. Daha Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3876 | F: 860.424.4074 | E: antoanela.daha@ct.gov



Connecticut Department of Energy & Environmental Protection

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From: Megan Thomas <megan@epiccleantec.com> Sent: Wednesday, June 25, 2025 2:38 PM To: Daha, Antoanela <Antoanela.Daha@ct.gov> Cc: Richard Ross <richard@epiccleantec.com>; planner@ledyardct.org; Jones, Lauren <Lauren.Jones@ct.gov>; Charlie Klewin <king.klewin@gmail.com>

Subject: Re: Sweet Hill Acres Application 202406985

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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

I have no objection to the methods you are proposing for determining the range of hydraulic conductivity at the site, provided it is based on data collected on-site rather than on assumptions. As long as the recommended techniques and conditions are properly followed, both methods are acceptable for evaluating hydraulic conductivity at groundwater depth area.

- Information about the glacial till characteristics and how water moves through that layer 0
 - **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.

Similarly, I have no objections to the method proposed for characterizing glacial till, particularly in terms of understanding how wastewater may move through that layer if it is incorporated into the design. My concerns with the current design are specifically related to the assumptions made regarding aquifer thickness (50 feet) and hydraulic conductivity (300 ft/day), which appear inconsistent with the evidence of glacial till—a material known for its low permeability.

- Sufficient data to establish and determine the seasonal high groundwater elevation under all portions of the \circ 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.

While seasonal high groundwater levels may be estimated based on these assumptions in stratified drift, it is important to note that redoximorphic features may not be as apparent or reliable in glacial till.

Sufficient data on groundwater elevation, gradient and direction of flow (only 2 reading points on 2 dates were 0 provided)

• **Proposed method:** *Installing four additional monitoring wells within the proposed infiltration areas and providing readings every 2 weeks for 6 weeks total.*

While groundwater elevation, gradient, and flow direction can be reliably determined using a network of properly placed monitoring wells—including the two existing wells and the four proposed—I want to note that current conditions do not represent seasonal high groundwater. That said, useful information can still be gathered, and seasonal fluctuations can be reasonably inferred by referencing data from a nearby USGS monitoring well, provided that well is installed in a similar geologic setting and exhibits comparable groundwater fluctuation.

- Proper plotting of groundwater contours
 - **Proposed method:** *Create a plot of groundwater contours based on the additional testing proposed above.*

That is required.

- 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.

I'm not entirely clear on the objective, but I'm open to seeing how it develops. Best wishes,

Megan Thomas



801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>

Date: Tuesday, June 3, 2025 at 10:43 AM

To: Megan Thomas <<u>megan@epiccleantec.com</u>>, Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>> Cc: Richard Ross <<u>richard@epiccleantec.com</u>>, <u>planner@ledyardct.org</u> <<u>planner@ledyardct.org</u>>, Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>

Subject: RE: Sweet Hill Acres Application 202406985

Good morning.

You may submit the revised information electronically, and we will include it with the electronic records for this proposal.

To avoid any confusion, please find attached the request for additional information that highlights what we discussed during the May 7, 2025 meeting. Best regards,

Antoanela

Antoanela L. Daha Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3876 | F: 860.424.4074 | E: antoanela.daha@ct.gov



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From: Megan Thomas <<u>megan@epiccleantec.com</u>>
Sent: Friday, May 30, 2025 3:36 PM
To: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>; Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Cc: Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>; Richard Ross <<u>richard@epiccleantec.com</u>>;
planner@ledyardct.org
Subject: Re: Sweet Hill Acres Application 202406985

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Hello Lauren & Antoanela,

We have decided we will be resubmitting a revised application. Does the revised application need to be submitted by mail or is electronic submission sufficient?

Best wishes, Megan Thomas

Best wishes, Megan Thomas



801.550.4486 | megan@epiccleantec.com epiccleantec.com

On May 21, 2025, at 2:26 PM, Megan Thomas < megan@epiccleantec.com > wrote:

Thank you Lauren, much appreciated.

Best wishes, Megan Thomas <image010.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Jones, Lauren <Lauren.Jones@ct.gov>
Date: Wednesday, May 21, 2025 at 2:17 PM
To: Megan Thomas <megan@epiccleantec.com>, Daha, Antoanela
<Antoanela.Daha@ct.gov>
Cc: Maurice Gawendo <mgawendo@crklewinllc.com>, Richard Ross
<richard@epiccleantec.com>, planner@ledyardct.org <planner@ledyardct.org>
Subject: RE: Sweet Hill Acres Application 202406985

Given the large amount of information, 90 days for response is appropriate. Please provide an answer no later than Friday May 30, 2025.

Lauren Jones Supervising Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3155 | F: 860.424.4074 | E: lauren.jones@ct.gov <image001.png> <image002.png> *NEW* Online Noncompliance Reporting

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<image005.png>

<image006.png>

<image007.png> | portal.ct.gov/DEEP

From: Megan Thomas < megan@epiccleantec.com >

Sent: Wednesday, May 21, 2025 3:00 PM

To: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>; Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>

Cc: Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>; Richard Ross <<u>richard@epiccleantec.com</u>>; planner@ledyardct.org

Subject: Re: Sweet Hill Acres Application 202406985

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Hello Lauren,

It has taken a little bit longer than expected to reach a conclusion, so we appreciate your patience here. Regarding resubmitting, I have in my notes from the meeting that resubmission would be requested within 90 days, which differs from the 60 days you have noted below. Can you please confirm the required timeline for resubmission?

Best wishes, Megan Thomas

<image008.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>
Date: Wednesday, May 21, 2025 at 1:51 PM
To: Megan Thomas <<u>megan@epiccleantec.com</u>>, Daha, Antoanela
<<u>Antoanela.Daha@ct.gov</u>>
Cc: Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>, Richard Ross
<<u>richard@epiccleantec.com</u>>, planner@ledyardct.org <planner@ledyardct.org>
Subject: RE: Sweet Hill Acres Application 202406985

Good Afternoon Megan,

As we discussed at the May 5th meeting an answer was due to DEEP earlier last week (around 5/12). Please provide an answer by Friday May 23, 2025 as to whether Sweet Hill Acres will be: (1) withdrawing their current application and resubmitting with all the required technical information, or (2) will be submitting a revised application with the technical information discussed at the May 5th meeting within 60 days.

Please do not hesitate to contact me to discuss this matter further.

Lauren Jones

Supervising Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3155 | F: 860.424.4074 | E: <u>lauren.jones@ct.gov</u> <image001.png> <image002.png>

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<image005.png>

<image006.png>

<image007.png> | portal.ct.gov/DEEP

From: Megan Thomas <<u>megan@epiccleantec.com</u>>
Sent: Wednesday, May 21, 2025 12:17 PM
To: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>; Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>; Richard
Ross <<u>richard@epiccleantec.com</u>>
Subject: Re: Sweet Hill Acres Application 202406985

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Hello Antoanela,

Thank you again for taking the time to meet with us earlier this month regarding your review and comments. We're aiming to have an answer to you this week or next regarding if we would like to withdraw the application or resubmit in the coming months.

Best wishes, Megan Thomas

<image008.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Date: Monday, May 5, 2025 at 3:09 PM
To: Megan Thomas <<u>megan@epiccleantec.com</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>, Maurice Gawendo
<<u>mgawendo@crklewinllc.com</u>>, Richard Ross <<u>richard@epiccleantec.com</u>>
Subject: RE: Sweet Hill Acres Application 202406985

Good afternoon,

I have not prepared a comment letter ahead of our meeting in order to avoid any potential confusion. I believe it will be more productive to discuss the details in person, along with any updates you may have and how those updates might impact the proposal. Best regards, Antoanela

Antoanela L. Daha Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3876 | F: 860.424.4074 | E: antoanela.daha@ct.gov <image009.png>

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<image007.png> | portal.ct.gov/DEEP

From: Megan Thomas <<u>megan@epiccleantec.com</u>>
Sent: Monday, May 5, 2025 3:22 PM
To: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>; Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>; Richard
Ross <<u>richard@epiccleantec.com</u>>
Subject: Re: Sweet Hill Acres Application 202406985

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Good afternoon,

Is it possible to provide your comments on the application prior to our meeting on Wednesday?

Best wishes, Megan Thomas

<image008.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Megan Thomas <megan@epiccleantec.com>
Date: Wednesday, April 30, 2025 at 3:57 PM
To: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>, Maurice Gawendo
<mgawendo@crklewinllc.com>, Richard Ross <<u>richard@epiccleantec.com</u>>
Subject: Re: Sweet Hill Acres Application 202406985

Please include everyone on this email and I may add a couple of other folks in the coming days. Thank you!

Best wishes, Megan Thomas

<image008.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Date: Wednesday, April 30, 2025 at 1:15 PM
To: Megan Thomas <<u>megan@epiccleantec.com</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>, Maurice Gawendo
<<u>mgawendo@crklewinllc.com</u>>, Richard Ross <<u>richard@epiccleantec.com</u>>
Subject: RE: Sweet Hill Acres Application 202406985

Good afternoon.

Wednesday, May 7th 1:00-2:00pm works for us. Please let me know who plans to attend, so I can send the Teams invite. Antoanela

Antoanela L. Daha Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3876 | F: 860.424.4074 | E: antoanela.daha@ct.gov <image009.png> <image002.png>

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<image007.png> | portal.ct.gov/DEEP

From: Megan Thomas <<u>megan@epiccleantec.com</u>>
Sent: Wednesday, April 30, 2025 12:52 PM
To: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>

Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>; Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>; Richard Ross <<u>richard@epiccleantec.com</u>>

Subject: Re: Sweet Hill Acres Application 202406985

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Hi Antoanela,

Let's plan to meet on Wednesday, May 7th 1:00-2:00 pm. We look forward to receiving your comments and discussing this project further with you.

Best wishes, Megan Thomas

<image008.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Date: Friday, April 25, 2025 at 6:34 AM
To: Megan Thomas <<u>megan@epiccleantec.com</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>, Maurice Gawendo
<<u>mgawendo@crklewinllc.com</u>>, Richard Ross <<u>richard@epiccleantec.com</u>>
Subject: RE: Sweet Hill Acres Application 202406985

Good morning.

Please send any deviations from the original design ss soon as it is available. I am finishing the review of the application and design and will have my questions/comment ready by the end of next week. Lauren and I can meet with you sometimes on the week of May 5th to discuss the design. Below please find our availability for that week: Monday, May 5th 11:00-12:00 and 1:00-2:00 Wednesday, May 7th 1:00-3:00 Thursday, May 8th 1:00-3:00 Friday, May 9th 9:00-11:00 . Please let me know if any of these dates work. Antoanela

Antoanela L. Daha Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3876 | F: 860.424.4074 | E: antoanela.daha@ct.gov <image009.png> <image002.png>

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From: Megan Thomas <<u>megan@epiccleantec.com</u>>
Sent: Monday, April 21, 2025 6:28 PM
To: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Cc: Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>; Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>; Richard
Ross <<u>richard@epiccleantec.com</u>>
Subject: Re: Sweet Hill Acres Application 202406985

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Hi Antoanela,

Thank you for reaching out, we are delighted to hear that this project is now under review. We do have some additional information to add to Appendix A, our letter regarding the project's proposed flow basis. I plan to send the updated version of that letter to you in the coming days. We welcome a meeting to discuss the proposed flow basis, in particular, and any questions or concerns you may have following your review.

Best wishes, Megan Thomas

<image008.png> 801.550.4486 | megan@epiccleantec.com epiccleantec.com

From: Daha, Antoanela <<u>Antoanela.Daha@ct.gov</u>>
Date: Thursday, April 17, 2025 at 3:00 PM
To: Maurice Gawendo <<u>mgawendo@crklewinllc.com</u>>
Cc: Megan Thomas <<u>megan@epiccleantec.com</u>>, Jones, Lauren <<u>Lauren.Jones@ct.gov</u>>
Subject: Sweet Hill Acres Application 202406985

Good afternoon,

I am writing in regard to Application No. 202406985, submitted on June 4, 2024. I have recently been assigned this project and have begun the review process. Before proceeding with a detailed assessment, I wanted to check in and ask if there have been any updates or changes to the proposal that I should be aware of. If there are any revisions or additional information, please forward them at your earliest convenience so that I may ensure my review reflects the most current version of the proposal.

Thank you, and I look forward to your response.

Antoanela L. Daha Environmental Engineer UIC Permitting and Compliance Program Water Permitting and Enforcement Division Bureau of Materials Management and Compliance Assurance Connecticut Department of Energy and Environmental Protection 79 Elm Street, Hartford, CT 06106-5127 P: 860.424.3876 | F: 860.424.4074 | E: antoanela.daha@ct.gov <image009.png>

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