



Maureen O'Meara <maureen.omeara@capeelizabeth.org>

Fwd: Turkey Hill Farm

1 message

Benjamin McDougal <benjamin.mcdougal@capeelizabeth.org>

Tue, Mar 8, 2022 at 3:12 PM

To: Maureen O'Meara <maureen.omeara@capeelizabeth.org>

Hi Maureen,

You asked me to comment on the bathroom facilities for the proposed use at Turkey Hill farm. They are proposing to have 2 alternative toilets and 2 sinks. These facilities are adequate for the educational use as proposed, and events up to 50 people. For events for more than 50 but not exceeding 100 people, 1 additional bathroom is required.

If the house is used as a 1 bedroom house, there is enough septic capacity for the wastewater generated from the alternative toilets and sinks. It's my understanding that the house is occupied by one person. The Site Evaluator has stated that the capacity of the existing septic system is just over 290 gallons per day and that it's sufficient to take on the wastewater from the new bathrooms. This is a temporary solution because the usage of the house will inevitably increase and policing the number of the occupants of the house is not something we want to do for the long term.

I encourage CELT to move forward with it's 5 year plan to create more permanent bathroom facilities with more septic capacity to accomodate the house being used as a traditional single family dwelling along with the proposed uses.

Regards,
Ben

Benjamin McDougal
Code Enforcement Officer
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Cape Elizabeth, ME 04107
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From: **Robert Metcalf** <RMetcalf@mitchellassociates.biz>

Date: Tue, Mar 8, 2022 at 12:04 PM

Subject: Turkey Hill Farm

To: Benjamin McDougal <benjamin.mcdougal@capeelizabeth.org>

Ben,

See email below from Erik Lema regarding the size of the existing leach field capacity to address your question regarding 290 gpd requirement. The HHE200 Erik is referring to would be the required expansion to accommodate the future public bathrooms in the existing building.

Bob

Robert B. Metcalf, Principal

Maine Licensed Landscape Architect

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From: Erik Lema erik@basswoodenv.com
Sent: Tuesday, March 8, 2022 8:52 AM
To: Robert Metcalf RMetcalf@MitchellAssociates.biz
Cc: Philip Mathieu philip@capelandtrust.org
Subject: Re: THF Second HHE-200

Not a problem - the existing leach field is 800s.f.. 754s.f. is the minimum required for a 290gpd flow rate. I can draw the HHE 200 to reflect the additional work proposed with the notes from Philip below.

On Tue, Mar 8, 2022 at 8:46 AM Robert Metcalf <RMetcalf@mitchellassociates.biz> wrote:

Hi Erik,

We are using the existing septic tank. The question that Ben raised was with the numbers that Phillip generated for usage based on the number of attendees/day at 200 gallons and that the system was designed to accommodate 270 gpd. The one bedroom requires 90 gpd which would make the system 20 gpd short. Ben said that sometimes the way the system is constructed that the number of gpd is greater than the design number. This is what Ben is looking for to support his response to the planning board.

Bob

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