

RE: Navigator Homes

epesce@comcast.net

Fri 6/10/2022 2:59 PM

To: Alex Elvin <elvin@mvcommission.org>;

Cc: Sheri Caseau <caseau@mvcommission.org>; 'Jaw Fu' <jfu@kleantu.com>; 'John R. Smith Ph.D.' <jsmith@kleantu.com>; 'Geoghan Coogan' <cooganlaw@gmail.com>; 'Ed Olivier' <EOLIVIER@partners.org>; dmcdonough369@gmail.com <dmcdonough369@gmail.com>; 'Chris Alley' <calley@sbhinc.net>;

Hi Alex,

I'm not aware of any specific data on the removal of pharmaceuticals or medications by the NitROE system, but perhaps their staff (on the message) have some info.?

Regardless of the answer, my opinion is that since medications are consumed by us (and are broken down biologically), a septic system further processes (and biodegrades) the excretions from us biologically as well. Not to mention that there are no prohibitions to this in Title 5. It's part of everyday life.

Having said that, please be aware that a skilled nursing operation is a regulated health care facility (licensed by the MA DPH), and all medications are dispensed by a controlled procedure & inventory management system. When excess or expired medications are removed, they are disposed of through proper means off-site through the supplier or contractor, and not flushed down the toilet. I was able to confirm this some weeks ago with Renee Lohman, when we were asked a similar question at the Edgartown BOH.

I hope this helps,

ED

Edward L. Pesce, P.E., LEED[®] AP
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From: Alex Elvin <elvin@mvcommission.org>

Sent: Wednesday, June 8, 2022 8:19 PM

To: epesce@comcast.net; 'Chris Alley' <calley@sbhinc.net>

Cc: Sheri Caseau <caseau@mvcommission.org>; 'Jaw Fu' <jfu@kleantu.com>; 'John R. Smith Ph.D.' <jsmith@kleantu.com>; 'Geoghan Coogan' <cooganlaw@gmail.com>; 'Ed Olivier' <EOLIVIER@partners.org>; dmcdonough369@gmail.com

Subject: Re: Navigator Homes

Thanks. Are you aware of any data regarding the ability of the systems to remove pharmaceuticals?

Alex

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From: epesce@comcast.net <epesce@comcast.net>
Sent: Wednesday, June 8, 2022 12:51 PM
To: Alex Elvin; 'Chris Alley'
Cc: Sheri Caseau; 'Jaw Fu'; 'John R. Smith Ph.D.'; 'Geoghan Coogan'; 'Ed Olivier'; dmcdonough369@gmail.com
Subject: RE: Navigator Homes

Alex,

All these septic systems will include a de-nitrifying component. None of them will be a conventional Title 5 system. At this moment, both the larger & small systems (small ones at the duplex units) will be NitROE systems.

Thanks,

ED

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From: Alex Elvin <elvin@mvcommission.org>
Sent: Wednesday, June 8, 2022 12:29 PM
To: Chris Alley <calley@sbhinc.net>
Cc: Sheri Caseau <caseau@mvcommission.org>; Ed Pesce <epesce@comcast.net>; Jaw Fu <jfu@kleantu.com>; John R. Smith Ph.D. <jsmith@kleantu.com>
Subject: Re: Navigator Homes

Thanks. Will these all be NitROE systems, or a mix of NitROE and Title 5?

Alex

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From: Chris Alley <calley@sbhinc.net>
Sent: Wednesday, June 8, 2022 8:05 AM
To: Alex Elvin
Cc: Sheri Caseau; Ed Pesce; Jaw Fu; John R. Smith Ph.D.
Subject: Re: Navigator Homes

Alex:

Ed will be able to present status of Edgartown CWMP as far as we understand it

See attached three preliminary designs for on-site disposal (not yet filed with the Board of Health)

Chris

On 6/7/2022 8:52 PM, Alex Elvin wrote:

Hi Chris,

We are trying to pull everything together for the Navigator Homes LUPC meeting on Monday, and I was hoping you could provide the following:

- Any update on the wastewater department meeting on May 26 to discuss the CWMP. Is the likely timeframe for completing that still the same?
- Latest septic plan that you showed us as at the office a few weeks ago. Can you please send that as a PDF?

Thanks,

Alex

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