

From: [Latimer, Jim](#)
To: [Arsenault, Dan](#); [Bukhari, Samir](#); [Cobb, Michael](#); [Colarusso, Phil](#); [Weitzler, Ellen](#); [Moraff, Kenneth](#)
Cc: [Clark Freise](#)
Subject: RE:
Date: Thursday, November 8, 2018 1:38:31 PM
Attachments: [info response 11-08-18.docx](#)
[info response 11-08-18.pdf](#)

(b) (5) ?

Jim

From: Arsenault, Dan
Sent: Thursday, November 08, 2018 1:23 PM
To: Bukhari, Samir <Bukhari.Samir@epa.gov>; Latimer, Jim <Latimer.Jim@epa.gov>; Cobb, Michael <Cobb.Michael@epa.gov>; Colarusso, Phil <colarusso.phil@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>
Cc: Clark Freise <clark.freise@des.nh.gov>
Subject: RE:

That sounds good.

Jim – (b) (5)

(b) (5) And thanks again for coming up to NH yesterday. At least we had a nice lunch on the shores of Little Bay.....

-dan

From: Bukhari, Samir
Sent: Thursday, November 08, 2018 1:19 PM
To: Latimer, Jim <Latimer.Jim@epa.gov>; Arsenault, Dan <Arsenault.Dan@epa.gov>; Cobb, Michael <Cobb.Michael@epa.gov>; Colarusso, Phil <colarusso.phil@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>
Cc: Clark Freise <clark.freise@des.nh.gov>
Subject: RE:

(b) (5)

From: Latimer, Jim

Sent: Thursday, November 8, 2018 1:11 PM

To: Arsenault, Dan <Arsenault.Dan@epa.gov>; Cobb, Michael <Cobb.Michael@epa.gov>; Colarusso, Phil <colarusso.phil@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>; Bukhari, Samir <Bukhari.Samir@epa.gov>

Cc: Clark Freise <clark.freise@des.nh.gov>

Subject: RE:

Hello folks!

I changed the following response (b) (5).

FROM:

- (b) (5)

TO:

- Portions of Great Bay likely have tidal ranges similar to the study systems. (i.e., mean tidal range for the Latimer/Rego 2010 study: 0.4-2.7 m) (for comparison, the mean tidal range for portions of GBE: 1.9-2.1 m, Denney 2012)

FTI Denney citation

DOVER 003089

Denney, S. O. (2012). A Tidal Study of Great Bay, New Hampshire. Master of Science, University of New Hampshire.
(b) (5)

I have attached a MSW and a PDF of the minor change in my responses.

Regards,
Jim

James S. Latimer, Ph.D.

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National Health and Environmental Effects Research Laboratory
Atlantic Ecology Division

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<http://www.epa.gov/aed/>

<http://www.gulfofmaine.org/2/esip-homepage>

latimer.jim@epa.gov

"All men by nature desire to know" Aristotle

From: Arsenault, Dan

Sent: Thursday, November 08, 2018 12:10 PM

To: Latimer, Jim <Latimer.Jim@epa.gov>; Cobb, Michael <Cobb.Michael@epa.gov>; Colarusso, Phil <colarusso.phil@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>; Bukhari, Samir <Bukhari.Samir@epa.gov>

Cc: Clark Freise <clark.freise@des.nh.gov>

Subject: RE:

Thanks Jim.

From: Latimer, Jim

Sent: Thursday, November 08, 2018 12:09 PM

To: Arsenault, Dan <Arsenault.Dan@epa.gov>; Cobb, Michael <Cobb.Michael@epa.gov>; Colarusso, Phil <colarusso.phil@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>; Bukhari, Samir <Bukhari.Samir@epa.gov>

Cc: Clark Freise <clark.freise@des.nh.gov>

Subject: RE:

I have made a few adjustments and will send them to you later today. Nothing major.

From: Arsenault, Dan

Sent: Thursday, November 08, 2018 11:56 AM

To: Cobb, Michael <Cobb.Michael@epa.gov>; Colarusso, Phil <colarusso.phil@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>; Latimer, Jim <Latimer.Jim@epa.gov>; Bukhari, Samir <Bukhari.Samir@epa.gov>

Cc: Clark Freise <clark.freise@des.nh.gov>

Subject:

Importance: High

See Mr. Hall's email below.

(b) (5)

Both the questions and Jim responses are attached.

Thanks,
dan

From: John Hall <jhall@hall-associates.com>

Sent: Thursday, November 08, 2018 10:00 AM

To: Clark Freise <clark.freise@des.nh.gov>; Latimer, Jim <Latimer.Jim@epa.gov>; Arsenault, Dan <Arseault.Dan@epa.gov>

Cc: 'Dean Peschel' <dean_peschel@yahoo.com>; Suzanne M. Woodland <smwoodland@cityofportsmouth.com>

Subject: RE: Agenda - Science Review Meeting

Importance: High

Dear Clark/Dan:

As you know we didn't really get a chance to review the more detailed technical questions that had been submitted to better understand Jim's paper and its utility/proper application in the Great Bay system. After the meeting was over, Jim mentioned that he had drafted responses to the questions. We would like to receive that document as soon as possible, particularly given Jim's other medical priority that will have him unavailable for a while. I believe that within those responses and the clarifications Jim gave yesterday we can find a path forward to resolve the Piscataqua/Lonza issue promptly. The Great Bay/Little Bay analysis will take a bit more to analyze.

Can you please ask that Jim provide the responses that he has put together?

Thanks,

John

John C. Hall

Hall & Associates

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Washington, DC 20006

Phone: 202-463-1166

Fax: 202-463-4207

E-Mail: jhall@hall-associates.com

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From: Freise, Clark <Clark.Freise@des.nh.gov>

Sent: Tuesday, November 6, 2018 9:44 AM

To: Giunta, Lindsey <Lindsey.Giunta@des.nh.gov>; Diers, Ted <Ted.Diers@des.nh.gov>; Spanos, Stergios <Stergios.Spanos@des.nh.gov>; 'Dean Peschel' <dean_peschel@yahoo.com>;

'latimer.jim@epa.gov' <latimer.jim@epa.gov>; 'Melissa Paly' <mpaly@clf.org>;

'arsenault.dan@epa.gov' <arsenault.dan@epa.gov>; 'cobb.michael@epa.gov'

<cobb.michael@epa.gov>; John Hall <jhall@hall-associates.com>; Edwardson, Ken

<Kenneth.Edwardson@des.nh.gov>; Comstock, Gregg <Gregg.Comstock@des.nh.gov>;

'colarusso.phil@epamail.epa.gov' <colarusso.phil@epamail.epa.gov>;

'thomas.gallagher@hdrinc.com' <thomas.gallagher@hdrinc.com>; 'Terry L. Desmarais'

<tldesmarais@cityofportsmouth.com>; Daniel Hammond <DHammond@BrwnCald.com>; Tom Irwin <tirwin@clf.org>

Subject: Agenda - Science Review Meeting

For tomorrow's meeting here is the rough agenda, the overall goal is to make sure we all understand

DOVER 003091

the scientific basis of the proposed approach, what that approach would take, and some idea that it is achievable (basically we can get to a better environmental outcome at less expense than the traditional approach).

ntroductions and goals of meeting (Freise)

Scientific references and applicability of the target loads (Latimer & Arsenault)

Baseline loading calculations and approach (Arsenault)

Tradeoffs and flexibility to reach adaptive management goals (All)

Should include some discussion of how towns think they would approach meeting their goals

-----Original Appointment-----

From: Giunta, Lindsey

Sent: Monday, October 29, 2018 3:28 PM

To: Giunta, Lindsey; Freise, Clark; Diers, Ted; Spanos, Stergios; 'Dean Peschel'; 'latimer.jim@epa.gov'; 'Melissa Paly'; 'arsenault.dan@epa.gov'; 'cobb.michael@epa.gov'; 'Leclair.Jackie@epa.gov';

'cbell@brwnald.com'; 'jhall@hall-associates.com'; Edwardson, Ken; Comstock, Gregg;

'colarusso.phil@epamail.epa.gov'; 'thomas.gallagher@hdrinc.com'; 'Terry L. Desmarais'; Daniel Hammond

Subject: Science Review Meeting

When: Wednesday, November 07, 2018 10:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 61 Locust Street, Dover, NH

The meeting will take place in Room #305 in the Community Center of the McConnell Center Building.

There is plenty of free parking in the lot by the library.