

From: [Chet Myers](#)
To: [Bachand, Michael L NAE](#); [Michalak, Scott C NAE](#); [Keegan, Michael F NAE](#); [Mike Marsh](#)
Cc: [Gary Davis](#); [Jay Borkland](#); [Ann Williams](#); [Cynthia Catri](#); [Jackie Leclair](#); [Sneeringer, Paul J NAE](#)
Subject: RE: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)
Date: Thursday, August 16, 2012 4:03:49 PM

Hi Michael, Scott, and Mike,

We would just like to clarify Paul's e-mailed comments quickly to make sure that USACE understands what is currently on the table with regard to potential blasting associated with the New Bedford Marine Commerce Terminal.

The blasting is only being considered within the proposed deep-draft areas (-30 MLLW or -32 MLLW) and only if shallow competent rock is identified within these areas. The southeast corner of the deep-draft dredge areas (the closest point) is a minimum of 350 feet from the New Bedford Hurricane Barrier. Therefore no blasting would take place within 350 feet of the Hurricane Barrier.

The blasting that could take place would be designed to remove between 1-3 feet of intermittent rock that borings and cross-sections indicate may be present within the deep-draft dredge footprint (existing borings indicate that rock is moderately to highly fractured and therefore blasting may or may not be necessary).

We welcome the opportunity to discuss this issue further.

Thanks,

Chet Myers
Apex Companies, LLC
O) 617-728-0070 M) 617-908-5778

-----Original Message-----

From: Sneeringer, Paul J NAE [<mailto:Paul.J.Sneeringer@usace.army.mil>]
Sent: Thursday, August 16, 2012 3:16 PM
To: Bachand, Michael L NAE; Michalak, Scott C NAE; Keegan, Michael F NAE; Mike Marsh
Cc: Gary Davis; Jay Borkland; Chet Myers; Ann Williams; Cynthia Catri; Jackie Leclair
Subject: FW: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Scott and the Mikes:

Gary Davis with the State has asked me to come up with some potential dates for scheduling the meeting on blasting impacts associated with the South Terminal Project so that he can coordinate them with the Apex Team. Please let me know which dates are best for you over the next two weeks. I am ask that this meeting be held at Concord Park. Thanks.

Paul Sneeringer
(978) 318-8491

-----Original Message-----

From: Ann Williams [<mailto:Williams.Ann@epamail.epa.gov>]
Sent: Thursday, August 16, 2012 2:15 PM
To: Keegan, Michael F NAE

Cc: Cynthia Catri; ElaineT Stanley; Gary Davis; Bachand, Michael L NAE; Sneeringer, Paul J NAE; Michalak, Scott C NAE; Jackie Leclair; Mike Marsh; Carl Dierker
Subject: RE: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Dear everyone:

Please include Mike Marsh in any efforts to schedule a meeting about this blasting issue.

Thanks,

Ann

Ann H. Williams
Senior Assistant Regional Counsel
U.S. EPA Region 1
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Mail Code ORA18-1
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617-918-1097 (phone)
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Inactive hide details for "Keegan, Michael F NAE" ---08/16/2012 12:11:13 PM---Classification: UNCLASSIFIED Caveats: NONE"Keegan, Michael F NAE" ---08/16/2012 12:11:13 PM---Classification: UNCLASSIFIED Caveats: NONE

From: "Keegan, Michael F NAE" <Michael.F.Keegan@usace.army.mil>
To: "Sneeringer, Paul J NAE" <Paul.J.Sneeringer@usace.army.mil>, "Michalak, Scott C NAE" <Scott.C.Michalak@usace.army.mil>
Cc: "Bachand, Michael L NAE" <Michael.L.Bachand@usace.army.mil>, Ann Williams/R1/USEPA/US@EPA, Cynthia Catri/R1/USEPA/US@EPA, ElaineT Stanley/R1/USEPA/US@EPA, Gary Davis <gary.davis@state.ma.us>
Date: 08/16/2012 12:11 PM
Subject: RE: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Paul,

We already had a meeting scheduled with Apex a week or so ago but it was cancelled because EPA wanted to be there and couldn't made the identified date. We need to identify who needs to be at the meeting so that we don't go through the same situation again. Is it the Corps, Commonwealth and Apex or does EPA also need to be there?

Mike

-----Original Message-----

From: Sneeringer, Paul J NAE
Sent: Thursday, August 16, 2012 11:15 AM
To: Michalak, Scott C NAE
Cc: Bachand, Michael L NAE; Keegan, Michael F NAE; Ann Williams; Cynthia Catri; ElaineT Stanley; Gary Davis
Subject: FW: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Scott:

I wanted to let you know that I forwarded your e-mail about potential impacts to the New Bedford Hurricane Barrier from blasting work at the South Terminal site to the South Terminal EPA Team. Carl Dierker forwarded your concerns to Gary Davis with the State. Carl Dierker recommended that the Commonwealth and Apex should schedule a meeting with the Corps team to better flesh out the scope of potential blasting impacts. I will let you know if I hear anything more about the scheduling of this meeting. Thanks.

Paul Sneeringer
(978) 318-8491

-----Original Message-----

From: Davis, Gary (DCR) [<mailto:gary.davis@state.ma.us>]
Sent: Thursday, August 16, 2012 6:53 AM
To: 'Carl Dierker'
Cc: Ann Williams; Cynthia Catri; Sneeringer, Paul J NAE
Subject: RE: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Understood Carl - I will circle back to you. /gd

From: Carl Dierker [<mailto:Dierker.Carl@epamail.epa.gov>]
Sent: Wednesday, August 15, 2012 6:44 PM
To: Davis, Gary (ENV)
Cc: Ann Williams; Cynthia Catri; Sneeringer, Paul J NAE
Subject: Fw: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Gary -- Just received this email chain. We can discuss, but my initial suggestion would be for Apex to sit down with folks at the Corps responsible for the hurricane barrier (and Paul) to go over blasting issues, given their initial reaction below.

Thanks,
Carl

----- Forwarded by Carl Dierker/R1/USEPA/US on 08/15/2012 06:29 PM -----

From: Ann Williams/R1/USEPA/US
To: Carl Dierker/R1/USEPA/US@EPA
Date: 08/15/2012 05:56 PM
Subject: Fw: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

----- Forwarded by Ann Williams/R1/USEPA/US on 08/15/2012 05:56 PM -----

From: "Sneeringer, Paul J NAE" <Paul.J.Sneeringer@usace.army.mil>

To: Ann Williams/R1/USEPA/US@EPA, Cynthia Catri/R1/USEPA/US@EPA
Cc: ElaineT Stanley/R1/USEPA/US@EPA, Kimberly Tisa/R1/USEPA/US@EPA, Mike Marsh/R1/USEPA/US@EPA, Phil Colarusso/R1/USEPA/US@EPA, Ralph Abele/R1/USEPA/US@EPA, Jackie Leclair/R1/USEPA/US@EPA
Date: 08/15/2012 05:47 PM
Subject: FW: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Ann and Cindy:

I contacted the Corps Levee Safety Team to check and see if they had reviewed the potential for blasting impacts associated with the South Terminal Project to impact the adjacent New Bedford Hurricane Barrier. Enclosed is the response that I received from Scott Michalak. It sounds as if blasting could be a real red flag issue for the Levee Safety Team

I am not sure what level of geological documentation is necessary to complete the blasting assessment. Should I forward this comment directly to Gary and the Apex team so that they can provide the necessary documentation? Thanks.

Paul Sneeringer
(978) 318-8491 (W)
(978) 505-9216 (cell)

-----Original Message-----

From: Michalak, Scott C NAE
Sent: Wednesday, August 15, 2012 3:50 PM
To: Sneeringer, Paul J NAE; Bachand, Michael L NAE; Keegan, Michael F NAE
Cc: Mackos, Anthony T NAE; Margolis, David I NAE; Papadopoulos, Anastasia S NAE
Subject: Re: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

All,

I have severe reservations about blasting within proximity to the Hurricane Barrier. This could cause extreme issues. We would need the design analysis performed by APEX as a start even to begin to assess. This would include a geologic assessment of the area.

I am not familiar enough with the local rock and geologic setting nor the Barrier foundation conditions within this area. This would need to be assessed as well.

This would definitely need to go to HQUSACE for approval under 33USC408. As of present, I would not recommend approval up the chain.

Regards,
Scott C. Michalak, P.E.
Chief, Geotechnical/Water Resources Branch

United States Army Corps of Engineers
New England District

696 Virginia Road
Concord, Massachusetts 01742
Phone: 978.318.8350

Message sent via my BlackBerry Wireless Device

----- Original Message -----

From: Sneeringer, Paul J NAE
Sent: Wednesday, August 15, 2012 02:16 PM
To: Bachand, Michael L NAE; Michalak, Scott C NAE; Keegan, Michael F NAE
Subject: South Terminal Project in New Bedford - Potential Blasting Impacts to the New Bedford Hurricane Barrier (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Mike, Scott, and Mike:

The public comment period for EPA's DRAFT ARARs decision document for the South Terminal Project in New Bedford comes to an end on August 21, 2012. Yesterday afternoon the EPA South Terminal Team met with the Commonwealth of Massachusetts and Apex to discuss outstanding documentation that needs to be provided to EPA before they can issue their final determination on this project.

The Commonwealth's June 18, 2012 supplemental information package opened the possibility that contractor's may need to do localizing blasting to remove bedrock in and directly adjacent to the main confined disposal facility area. While I am aware that APEX modeled the impacts of proposed dredging on the stability of the New Bedford Hurricane Barrier, I am not sure if they provided an appropriate evaluation of potential blasting impacts on the New Bedford Hurricane Barrier. Do you have any outstanding concerns about how this potential blasting would impact the adjacent New Bedford Hurricane Barrier?

Please let me know if you need any additional information in order to complete your review of this issue. Thanks.

Paul Sneeringer
(978) 318-8491 (W)
(978) 505-9216 (Cell)

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