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Notes ID: 8B4518AD07DA13DB85257AD8007065F6

From: Carl Dierker/R1/USEPA/US

To: "Davis, Gary (DCR)" <gary.davis@state.ma.us>

Copy To: Ann Williams/R1/USEPA/US@EPA; Cynthia Catri/R1/USEPA/US@EPA; "Sneeringer, Paul J NAE" <Paul.J.Sneeringer@usace.army.mil>

Delivered Date: 08/15/2012 06:43 PM EST

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 contactor'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)

Classification: UNCLASSIFIED

Caveats: NONE

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