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Delivered Date: 10/17/2012 03:04 PM EST

Subject: New Bedford HPS - 408 Requirements for Acceptance (UNCLASSIFIED)

ATTACHMENT: NBMCT_Section_408_NB_HPS_ASSESSMENT_10_17_12.pdf
Mr. Bachand, Mr. Michalak, and Mr. Keegan,

Attached please find the Commonwealth's formal submittal of the assessment of the potential impacts to the NB Hurricane Barrier due to blasting associated with the New Bedford Marine Commerce Terminal.

The Commonwealth utilized GZA Geoenvironmental to conduct its geotechnical assessment of the potential impacts. GZA calculated weights of charges at specific distances that could be acceptably utilized while not impacting the factors of safety associated with the Hurricane Protection System in New Bedford Harbor.

The Commonwealth is proposing to set a limit within its specifications, restricting any use of blasting agents to 1/2 of the levels recommended by GZA.

Please let us know if there is any additional information you require, or if you would like to meet to discuss the results of the report.

Thank you,

Chet Myers
Apex Companies, LLC
O) 617-728-0070 x113 M) 617-908-5778

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

From: Sneeringer, Paul J NAE [mailto:Paul.J.Sneeringer@usace.army.mil]
Sent: Thursday, August 30, 2012 1:45 PM
To: Davis, Gary (DCR); Chet Myers; Jay Borkland
Cc: Ann Williams; Carl Dierker; Cynthia Catri; ElaineT Stanley; Kimberly Tisa; Jackie Leclair; Mike Marsh; Phil Colarusso; Ralph Abele; Bachand, Michael L NAE; Michalak, Scott C NAE

Subject: FW: New Bedford HPS - 408 Requirements for Acceptance (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Gary, Chet, and Jay:

Enclosed for your records is the list of information that the Corps Levee Safety Team will need in order to evaluate potential impacts to the New Bedford Hurricane Protection System ("HPS") (under Section 408) associated with blasting work for the South Terminal Project.

I previously included this list as an attachment to the August 21, 2012 Meeting Note Package, but I wanted to make absolutely sure that you have this information.

Feel free to contact Mike Bachand at (978) 318-8075 if you have additional questions about the required documentation. Thanks.

Paul Sneeringer
(978) 505-9216

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

From: Bachand, Michael L NAE

Sent: Thursday, August 23, 2012 2:20 PM

To: Keegan, Michael F NAE; Sneeringer, Paul J NAE

Cc: Michalak, Scott C NAE

Subject: FW: New Bedford HPS - 408 Requirements for Acceptance (UNCLASSIFIED)

As discussed during the August 21, 2012 meeting, performing blasting near or adjacent to the New Bedford Hurricane Protection System (HPS) will require USACE acceptance in accordance with guidance and Title 33 United States Code Section 408 (33 USC 408) requirements. It is likely the acceptance will require local (District level) and headquarters approval. To facilitate the approvals under the 408 process, the following information will be needed for review:

1. Test boring logs, detailed engineering drawings, and construction specifications showing the proposed locations, site conditions, and blasting techniques being proposed. The drawings should show all existing structures, utilities, easements/R-O-W, dimensions, and pertinent HPS components located in the vicinity of the proposed work area and/or impacted by the blasting.
2. A technical analysis (liquefaction, post-liquefaction settlement, and seismic/residual slope stability) and summary memorandum on the potential impacts to the existing New Bedford HPS.
3. Discussion of residual risk
4. Discussion of Executive Order 11988 considerations

5. Compliance with Environmental Protection policies.

See the attached the attached 408 Clarification Guidance memo dated November 17, 2008 and attached Submittal Package Guide at the end of Memo for detailed information required for USC 408 review & acceptance. I have also included a copy of 33 USC 408 and a policy memorandum dated October 23, 2006 for your reference.

Finally, USACE will review the draft Proposed Construction Specification for Blasting and provide suggested edits.

Regards,

Michael L. Bachand, P.E.
Levee Safety Program Manager

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