

From: [Keegan, Michael F NAE](#)
To: [Sheeringer, Paul J NAE](#)
Subject: FW: Next Navigational Dredging Meeting Thursday, July 26, 2012, 1:00 PM (UNCLASSIFIED)
Date: Thursday, July 26, 2012 6:42:47 AM

Classification: UNCLASSIFIED

Caveats: NONE

FYI

Mike

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

From: Keegan, Michael F NAE

Sent: Tuesday, July 24, 2012 2:43 PM

To: 'Craffey, Paul (DEP)'

Subject: RE: Next Navigational Dredging Meeting Thursday, July 26, 2012, 1:00 PM (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Paul,

We had a disposal of about 500 CY of material into the CAD cell on 8 June 2012. Prior to the disposal, our folks conducted baseline measurements of turbidity in the harbor right within the footprint of the CAD cell. The disposal occurred at 1141 which was 15 minutes prior to slack tide. Upon disposal the monitoring crew were taking turbidity measurements approximately 200 feet upstream of the CAD cell (but downstream of the current). When the current reversed, they took turbidity measurements @ 200 and 400 feet downstream (and down current) of the CAD cell. The turbidity measurements were made every 30 minutes.

The background was ~8 NTUs. The average turbidity value was 29.7 NTUs approximately 34 minutes after the disposal event and 36.7 NTUs approximately 46 minutes after disposal. Turbidity values fell to 20.5 NTUs after 1 hour and 32 minutes and to 14.6 NTUs after 2 hours and 11 minutes.

A second disposal occurred on 20 July 2012 between 0917-0921. In this disposal only 275 CY was placed into the CAD cell. There is still approximately 100-150 CY remaining in the New Bedford side gate that will need to be removed in October. Monitoring occurred during the placement on 20 July but I don't have the information yet. I'll pass it along when I get it. They are starting to develop a turbidity monitoring report which will be completed after the final placement into the CAD cell. That report will be provided when it is available.

The Fairhaven gate of the hurricane barrier is still in the Out of Service state for wheel replacement work. Five out of the 6 wheels have been successfully replaced. The 6th wheel seems to have some wear damage to one of the bushing housings preventing the new wheel from spinning once installed. An in situ inspection of the wheel is planned for today. We are anticipating having to remove the wheel and housings and bring them to a machine shop for calibrated measurements and corrective action. (A similar event occurred on one of the wheels on the New Bedford gate during a previous replacement on that side.) Removal, measurement, corrective action, and replacement is expected to take until Friday, 27 July barring any unforeseen difficulties in the corrective actions. Additional work remaining in the dewatered gate pocket are repairs to the air and grease lines. Once these have been accomplished, the stop gates will be removed, the gate operation will be tested, and the gate should be back in service.

This leaves the New Bedford gate to be worked on sometime after the October 2012 tide watch. Several Lessons Learned from doing the Fairhaven side are anticipated to speed up the work on the New Bedford gate significantly. As mentioned above, there remains 100-150 CY of sediment still to be removed from the pocket, plus painting of Horizontal Truss II in its entirety and replacement of all 6 wheels on the New Bedford gate.

Regarding the South Terminal proposal to dredge a portion of the Federal channel, the anchorage and possibly widening a portion of the channel, we would have no objection to that proposal. The Corps would not reimburse the City or Commonwealth for this dredging and any widening of the channel beyond the authorized dimensions cannot be maintained by the Corps.

The draft decision document requires the Corps of Engineers' concurrence, in accordance with 33 U.S.C. § 408, that the channel design proposed in the successional marsh mitigation will have no adverse effect on the operation of the Hurricane Barrier. At this time, we believe that the proposal would have an adverse effect and likely will oppose this part of the proposal. Obviously additional discussions are needed related to this aspect of the South Terminal proposal.

If there are questions for me at the meeting, let me know and I'll answer what I can.

Mike

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

From: Craffey, Paul (DEP) [<mailto:paul.craffey@state.ma.us>]

Sent: Monday, July 23, 2012 5:07 PM

To: Keegan, Michael F NAE

Subject: Next Navigational Dredging Meeting Thursday, July 26, 2012, 1:00 PM (UNCLASSIFIED)

Any update on the Hurricane Barrier work, like what have they done so far and how much to do, and the schedule of the remaining work.

I assume no update on the Federal Channel.

Also, any comment on the South Terminal proposal to do some of the Federal Channel dredging?

Thanks

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

From: Keegan, Michael F NAE [<mailto:Michael.F.Keegan@usace.army.mil>]

Sent: Monday, July 23, 2012 8:04 AM

To: Craffey, Paul (DEP)

Subject: RE: Next Navigational Dredging Meeting Thursday, July 26, 2012, 1:00 PM (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Paul,

I'll be unable to attend on Thursday. If there are any questions or information that people want let me know so I can email you the answers/info so that you can present it at the meeting.

Mike

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

From: Craffey, Paul (DEP) [<mailto:paul.craffey@state.ma.us>]

Sent: Friday, July 20, 2012 9:35 AM

To: Craffey, Paul (DEP); Logan, John (FWE); Coyne, Joseph (DEP); Ford, Kathryn (FWE); Keegan, Michael F NAE; 'stanley.elainet@epamail.epa.gov'; 'Dave Lederer'; 'Catri.Cynthia@epamail.epa.gov'; 'Chet Myers'; 'Jay Borkland'; Janik, David (DEP); Cebula, Ellen (SEA); 'RosanneM@maritimeinternational.org'; 'Christopher Boelke'; 'SNilson@CLEngineering.com'; Elisa, Louis (SEA); 'BCLOUTIER@STEAMSHIPAUTHORITY.com'; Driscoll, Michael (DCR); 'driscoll@savebuzzardsbay.org'; 'MNIEMIEC@NIEMIECMARINE.COM'; 'Kevin McLaughlin'; Weinberg, Philip (DEP); 'TBecica@verizon.net'; 'WarrenShellfish@verizon.net'; 'LINBERGMARINE@COMCAST.NET'; Feeney, Eileen (FWE);

'PierreB@maritimeinternational.org'; Boeri, Robert (ENV); 'Trippmarine@AOL.com'; 'Bill Roth'; 'GDolan@Apexcos.com'; 'jcrowther@apexcos.com'; 'harcnb@aol.com'; 'obvdc@yahoo.com'; 'kav704@yahoo.com'; 'Peterson.David@epamail.epa.gov'; Davis, Gary (DCR); 'Edward Pickering'; 'Sardano, Christen'; 'Burnham Associates'; 'Edward Anthes-Washburn'; 'Kelsey ONeil'; 'jakuba@savebuzzardsbay.org'; 'driscoll@savebuzzardsbay.org'; Coyne, Joseph (DEP); 'Jonah Mikutowicz'; 'Mikaela.McDermott@newbedford-ma.gov'
Cc: Weinberg, Philip (DEP); Ericson, Benjamin (DEP); Naparstek, Jay (DEP); Locke, Paul (DEP)
Subject: Next Navigational Dredging Meeting Thursday, July 26, 2012, 1:00 PM

AGENDA

NAVIGATIONAL DREDGING GROUP MEETING - NEW BEDFORD, MA

July 26, 2012 - 1:00 PM Conference Room 314, City Hall, New Bedford

1. Introduction (PC)
2. New Bedford Marine Terminal - South Terminal Update (EPA)
3. Grants and Other Submittals (HDC)
4. Phase V Projects (HDC)
5. USEPA Status (USEPA)
6. USACE Status (USACE)
7. Schedule Next Meeting (PC)
8. Other Business

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