

From: [Dierker, Carl](#)
To: [Bill White](#)
Cc: [Sullivan, Rick \(DCR\) \(rick.sullivan@state.ma.us\)](#); [Alicia Barton](#); [Owens, James T.](#); [cmyers@apexcos.com](#); [jborkland@apexcos.com](#); [Eric Hines \(ehines@lemessurier.com\)](#); [Williams, Ann](#); [Marsh, Michael](#)
Subject: RE: Impacts to Construction, Schedule and Budget of "No Blasting"
Date: Thursday, July 18, 2013 3:41:50 PM

Bill – Appreciate your providing an explanation of CEC’s concerns regarding project schedule and budget. I want to reassure you that we immediately commenced reviewing the technical memo from Jasco you sent at the end of the day Tuesday and since then have had several conversations with CEC’s consultants to work through complex calculations to ensure that the pressure and impulse impacts from the proposed blast protocol will not exceed the impacts that were modeled by JASCO in the fisheries impact studies for the project. As a result of those conversations, an error in the previously provided calculations was uncovered, and we’re expecting a technical memo from Apex this afternoon that corrects and clarifies the calculations and the application of model results. Once we receive that, we anticipate being able to send an amended version of our June 13 letter to you early next week.

Thanks,
Carl

Carl F. Dierker
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From: Bill White [<mailto:bwhite@MassCEC.com>]
Sent: Thursday, July 18, 2013 8:48 AM
To: Dierker, Carl
Cc: Sullivan, Rick (DCR) (rick.sullivan@state.ma.us); Alicia Barton
Subject: FW: Impacts to Construction, Schedule and Budget of "No Blasting"

Carl,

Following our conversation earlier this week, I asked my team to send me a short note regarding the impact to the project in terms of schedule and budget regarding this final blasting decision. Below is their response, which clearly articulates the high stakes involved. I sincerely hope we can receive final approval early next week.

Many thanks to you and your team for all your efforts.

Best,

Bill

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From: Hines, Eric [<mailto:ehines@lemessurier.com>]
Sent: Wednesday, July 17, 2013 4:18 PM
To: Bill White
Cc: Chet Myers; 'Jay Borkland'; Hines, Eric
Subject: Impacts to Construction, Schedule and Budget of "No Blasting"

Bill,

Impacts to the New Bedford Marine Commerce Terminal in the event that blasting is not permitted by the US EPA in a timely manner will add significant time and expense that could result in a failure of the project to meet it's essential purpose. New rock core information produced by the contractor in recent weeks has confirmed that blasting will be critical to project success. If blasting prior to sheet pile installation is not allowed, the project specification will allow the contractor to leave in place rock shoals that cannot be removed by mechanical means. This situation will require limitations on the draft of vessels allowed to dock at the NBMCT, effectively preventing the successful delivery of wind turbine components. According to our engineers' estimate, the minimum cost of shoal removal after the project is completed is 8 months and \$10 million. The window for effective blasting begins on September 15 and requires a 2 month lead time to line up all of the necessary submittals, contractor preparations, U.S. Coast Guard coordination, public announcements and meetings, and coordination with other project components. If we miss this window, the Contractor will likely elect to begin installing sheet piles without blasting and proceed with a mechanical dredging approach that will result in the shoals referenced above.

Eric

E. M. Hines, Ph.D., P.E.

Principal

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