

design'. It will provide details on the number of holes drilled, depth, charge size and expected tonnage of rubble created. It will not provide any information on sound conductance through the underlying bedrock, nor propagation distance. That is highly dependent on the fractures within the rock formation. In the case of marine mammals, unless knowledge is held in terms of the degree to which the formation extends into the B of F and the amount of overlying loose material on the seabed, it will be very difficult to predict the amount and frequency of noise in the water. An associated question is the transference of sound from the rock to water, and the noise levels that will affect the various marine mammal species in the Bay. The next factor will be the distance that such noise will travel in water and at what frequency and decay. Only then will an assessment be possible of the potential impact on right whales (or any marine mammals).

I agree with Faith. Who do we have who has the information and expertise to do such an assessment? Certainly no one in MFD.

Cheers

Wayne

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

From: Scattolon, Faith
Sent: Wednesday, June 26, 2002 5:04 PM
To: Surette, Tim; Bellefontaine, Neil; Boudreau, Paul R
Cc: Wheaton, Thomas; Peacock, Greg; Sinclair, Michael; Stobo, Wayne; Conway, Jerry
Subject: RE: Nova Stone Exporters, Digby Neck Quarry

the Minister's office is reviewing the application? which application?
Tim: do you know which *application* they are talking about?

as for excepting a report on the effects of blasting, Paul, I sent you the Minister's draft letter on this quarry wherein the condition that requires the proponent to provide a blasting design report is referenced. My question was, where is the expertise within DFO to assess whether the proposed blasting will effect whales...what do we know about sound propagation in this instance? who will do this assessment?

Mike: you will recall I mentioned this file last week and also spoke briefly with Wayne Stobo yesterday about it.

I am going to give the ADM's office a heads up on this as they should be aware of MO's involvement.

Faith

Faith Scattolon

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

From: Surette, Tim
Sent: June 26, 2002 4:51 PM
To: Bellefontaine, Neil; Scattolon, Faith; Boudreau, Paul R
Cc: Wheaton, Thomas; Peacock, Greg
Subject: Nova Stone Exporters, Digby Neck Quarry

I have been advised by the Minister's office (Nadine) that we are not to accept a report on the effects of blasting on Marine Mammals as per section i of item 10 of the NS Approval issued April 30th until such time as the Ministers office has reviewed the application.

Tim Surette
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