

Worcester, Tana

From: Harris, Lei E
Sent: 2004-June-04 10:55 AM
To: OBoyle, Robert
Cc: Worcester, Tana; Stephenson, Robert L; Stobo, Wayne
Subject: RE: RE: Tiverton -Blasting and the effects on Marine Mammals

Bob, this is my response to the request from Habitat management. At Tana's suggestions, I am sending it through your office instead of directly to HM.

I have reviewed our data on marine mammal sightings near Petit Passage in June. The data are opportunistic (not derived from standardised surveys) and so are effort dependent. Cetaceans that are commonly seen in this area in June include Harbour porpoise, Minke whale, and Fin whale. Humpbacks usually arrive in the area mid-. Dolphins are seen on occasion.

Right whales usually arrive in the Bay of Fundy in July or even August. Some years right whales have been sighted in June, though this is not common. Most sightings of Right whales occur in the area of Grand Manan Basin, and not in the Petit Passage area.

The affects of blasting in the vicinity of cetaceans is not known. A precautionary approach should be taken and efforts should be made to blast only when no whales are in the passage.

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

From: Worcester, Tana
Sent: June 2, 2004 3:35 PM
To: Harris, Lei E
Subject: RE: RE: Tiverton -Blasting and the effects on Marine Mammals

Hi Lei. If you have any concerns about this request or have suggestions regarding others in Science who should be contacted, please let me know. Requests like this from Habitat generally go through my office, but in the interest of time (and the fact that my Outlook wasn't working), I asked that they contact you directly. If you do have a response for Habitat, it should probably go back through the RAP office as DFO Science advice (i.e. to give you Science backing...). Thanks.

Tana Worcester

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

From: Rose, Tammy Lee Anne
Sent: June 2, 2004 2:12 PM
To: Harris, Lei E
Cc: Zamora, Phil; Potter, Ted; Penney-Ferguson, Marci; Worcester, Tana; Galante, Rosalia: PWGSC
Subject: RE: Tiverton -Blasting and the effects on Marine Mammals

Importance: High

Hi Lei,

As per our telephone conversation on May 31st, 2004, I am reviewing a project whereby Small Craft Harbours has proposed to develop a harbour in Tiverton, Petit Passage, Digby County, Nova Scotia. The project will include blasting in the intertidal zone during phase 1 of this project for the entire month of June. For more information concerning the project, I have attached the *Environmental Screening for Harbour Development (Breakwater, Floating Docks, Dredging, and Service Area) at Tiverton, Digby County, Nova Scotia*. You may read the entire document but I would suggest referring to the following sections for information concerning this project:

1. Components of the project (page 4)
2. Description of natural areas (page 7)
3. Use of explosives (page 16)

Based on the project plans and the occurrence of marine mammals in the Bay of Fundy, **I am wondering if you are aware of any marine mammals that may be significantly adversely affected in or near petit passage by the blasting activities planned to take place during this time frame (June 1st to June 30th)?** Could you please respond to my request by Friday, June 4, 2004.

If you have any questions concerning my request or if you have a problem with the timeline associated with my request please feel free to contact me via the information below. I appreciate your assistance with this matter.

Thanks,

Tammy

Tammy Rose

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