

Rose, Tammy Lee Anne

Responded Dec. 9/03

To: Bradford, Rod
Subject: RE: RE: Tiverton, NS and Small Craft Harbours

Hi Rod,

Thank you for responding to my email so quickly. I would be available to meet this morning sometime, this afternoon, or tomorrow morning (before 10:00am). You pick a time and I will be there. In the meantime, I will make a copy of the environmental screening report for your review.

Thanks,

Tammy

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

From: Bradford, Rod
Sent: Monday, December 08, 2003 4:28 PM
To: Rose, Tammy Lee Anne
Cc: Marshall, Larry
Subject: RE: RE: Tiverton, NS and Small Craft Harbours

Hello Tammy,

Our response to Andrew's earlier query to us is a reflection of how little information we have on diadromous species presence/absence in this area; i.e., we don't know for certain but based on general information on seasonal fish movements there is no reason to suspect substantive negative effects. Our recommendation for some form of monitoring during the construction phase reflected this uncertainty and a desire to be prudent. Having said that:

- no, I have not read the Environmental Screening Harbour Development report, I do not have a copy, I could look through the report if you can forward one to me.

- if I knew this was a five year project I have since forgotten this piece of information. I think though that the only issue that might change our response would be if the work planned over the five years were to occur during seasons not identified in the initial query from fish habitat to us,

It might be best if we met on this, perhaps tomorrow morning or sometime Wednesday. We can discuss elements of a monitoring program then?

Regards
Rod

Rod Bradford, Ph.D.
Diadromous Assessment/Species at Risk Biologist
Diadromous Fish Division, Science Branch,
Department of Fisheries and Oceans,
P.O. Box 1006, Dartmouth, N.S.
Canada
B2Y 4A2

Telephone: 902-426-4555
FAX: 902-426-6814
email: bradfordr@mar.dfo-mpo.gc.ca

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

From: Rose, Tammy Lee Anne
Sent: Monday, December 08, 2003 3:47 PM
To: Bradford, Rod
Subject: RE: Tiverton, NS and Small Craft Harbours

Good Afternoon Rod,

My name is Tammy Rose and I am a Habitat Assessment Biologist with Habitat Management Division. Recently I took over a Small Craft Harbours file for harbour development in the Tiverton area. Previously, this file was being reviewed by Andrew Stewart. As part of his review, Andrew had contacted Larry Marshall to inquire about fish

species that inhabit the Tiverton, Petit Passage area and/or their proximity to the actual site. The email that came back to Andrew stated that few if any diadromous fish species would be resident of this area during the months in question. Also, it was indicated that *appropriate monitoring for fish presence during the period of activity might be prudent.*

This project is planned to take place over the next 5 years. Phase one will include construction of a 220 meter breakwater, Phase two will include the construction of floating docks, and Phase 3 will include dredging whereby blasting may be required. These activities will disturb approximately 21, 000 square meters of fish habitat in the immediate foot print. This does not include habitat impacted outside the construction area. I am concerned with fish species that may occupy this area at all times during the year. I wanted to get some clarification from you regarding your response to Andrew Stewart:

- I was wondering if you had a chance to review the document entitled Environmental Screening Harbour Development (Breakwater, Floating Dock, Dredging and Service Area) Tiverton, Dig by County, Nova Scotia (September 2003); to fully understand the construction activities that will take place?
- Considering the 5 year plan associated with this project do you have any concerns with migratory fish species in this area? (i.e. Alewife migration interference)
- Could you suggest how the proponent may potentially set up monitoring for fish passage at the proposed site?

If you have not had an opportunity to review the above mentioned document, please let me know and I will supply you with the environmental screening developed by PWGSC for SCH. I would really like to discuss this further with you. If you have time available to discuss this in person, please let me know and maybe we could set up a meeting to discuss everything. You may pass this email along anybody else who may have valuable input into the subject at hand. I apologize for the long email!!

Thanks and have a great day!!

Tammy

Tammy Rose

Habitat Assessment Biologist
Habitat Management Division, Fisheries and Oceans Canada
Bedford Institute of Oceanography, Dartmouth
Phone: (902) 426-0379
Fax: (902) 426-1489
Email: RoseT@mar.dfo-mpo.gc.ca