

Admin #585
(2 emails)



Re: Fw: Merrimack River Shad Program

Ericp Nelson, mprout, sroy, caleb.slater,

Joe_McKeon to: joe_mcKeon, charlene_brown, sean.mcdermott,
Scott.Decker, Matthew.A.Carpenter, matt.ayer,

12/15/2009 05:12 PM

From: Joe_McKeon@fws.gov

To: Ericp Nelson/R1/USEPA/US@EPA, mprout@fs.fed.us, sroy@fs.fed.us,
caleb.slater@state.ma.us, joe_mcKeon@fws.gov, charlene_brown@fws.gov,
sean.mcdermott@noaa.gov, Scott.Decker@wildlife.nh.gov,

History: This message has been replied to and forwarded.

1 attachment



pic06729.gif

Hello Eric:

I can provide you with information regarding American shad restoration efforts that are underway on the Merrimack River. Your inquiry is timely as we intend to have a teleconference tomorrow to formalize a revised/updated Plan for shad restoration on the Merrimack River. The Draft Plan has been developed by the Technical Committee for Anadromous Fishery Management for the Merrimack River Basin. I should be able to provide you with a copy of the Plan in the very near future. We'll get our review and final comments complete tomorrow and I will follow up with a call in the next week or so. I do plan on taking the week between Xmas and New Years off but will be back in the office after January 1. Please feel free to contact me during that week and will try to reach you as well.

Joe

Joseph F. McKeon
Complex Manager/Supervisory Fish Biologist
U.S. Fish and Wildlife Service
Eastern New England Complex
151 Broad Street
Nashua, New Hampshire 03063
Tel: 603-595-3586
FAX: 603-595-0957
Email: Joe_McKeon@fws.gov
Website: <http://www.fws.gov/r5cneafp>

nelson.ericp@epamail.epa.gov

nelson.ericp@epama
il.epa.gov

Tojoe_mckeon@fws.gov

12/15/2009 08:33 AM

cc

SubjectFw: Merrimack River Shad Program

Ericp
Nelson/R1/USEPA/
US
To
joe_mckeane@fws.gov
12/15/2009 08:20
cc
AM MATTHEW.CARPENTER@WILDLIFE.NH.GOV
, john.a.magee@wildlife.nh.gov
Subject
Merrimack River Shad Program

Hello Joe:

I'm an EPA biologist working on the development of a new discharge permit for PSNH's Merrimack Station power plant, in Bow. John Warner suggested I contact you concerning shad restoration plans for the Merrimack River. A big part of my biological review concerns impacts to the fish community related to the plant's thermal discharge, as well as entrainment and impingement of early lifestages into the plant's cooling water intake structures. Back in the late 60's, when Unit 2 of the plant was built, USFWS and NHFGD were primarily concerned with thermal impacts to recovering shad and salmon runs. Forty years later, I realize those runs are still in a state of recovery, but I'd like to know more about what is planned for the near future. Part of my analysis looks at potential thermal impacts to shad larvae, but we can't justify requiring discharge temperatures that are protective of shad larvae if larvae aren't going to be present in the Hooksett Pool. Obviously, entrainment of larvae and impingement of juveniles and adults are also issues that need to be addressed more thoroughly if stocking in or above Hooksett Pool is planned to occur on a more regular basis.

Any information I can get on restoration efforts that are underway, or planned for the near future, would be a big help in developing permit limits that will protect both resident and anadromous fish species in the Merrimack.

Thanks.

Eric

Eric P. Nelson
Ocean and Coastal Protection Unit

U. S. Environmental Protection Agency
New England Region
5 Post Office Square, Suite 100
Mail Code OEP06-1
Boston, MA 02109-3912

Phone: 617-918-1676
FAX: 617-918-1505
Email: nelson.ericp@epa.gov

