



Re: Fw: Dover, NH
Christine Vaccaro to: Dan Arsenault

09/12/2011 09:04 AM

From: Christine Vaccaro <Christine.Vaccaro@noaa.gov>

To: Dan Arsenault/R1/USEPA/US@EPA

History: This message has been forwarded.

Hi Dan,

At this point in time, shornose sturgeon are not known to utilize that portion of the Piscataqua River. Atlantic sturgeon do use the river, however, the listing rule to protect them under the Endangered Species Act is not in place at this time. It will go into effect later this fall. At this time, it is not necessary to complete a full Section 7 informal consultation. However, if the listing goes through and any new NPDES permits for the facility or along the Piscataqua do come across your desk, you will need to consult on Atlantic sturgeon.

Cheers,
 Chris

Arsenault.Dan@epamail.epa.gov wrote:

Hi Chris - The contacted NHDES to get the information concerning the plume from Dover's outfall. See attached e-mail. Please let me know if you need anything further. Thanks, dan

Dan Arsenault
 Municipal Permits Branch
 U.S. Environmental Protection Agency
 5 Post Office Square
 Suite 1100, OEP06-1
 Boston, MA 02109-3912

Phone: (617) 918-1562

Fax: (617) 918-0562

----- Forwarded by Dan Arsenault/R1/USEPA/US on 09/08/2011
 09:45 AM

From: "Andrews, Jeff" <Jeffrey.Andrews@des.nh.gov>
To: Dan Arsenault/R1/USEPA/US@EPA
Date: 09/08/2011 07:38 AM
Subject: RE: Dover, NH

Hi Dan, I skimmed through the Dover file. The last correspondence from DES was an approval of outfall improvements dated 7/30/04.

U.S. Environmental Protection Agency
5 Post Office Square
Suite 1100, OEP06-1
Boston, MA 02109-3912

Phone: (617) 918-1562

Fax: (617) 918-0562

----- Forwarded by Dan Arsenault/R1/USEPA/US on 09/07/2011
02:59 PM

From: Christine Vaccaro
<christine.vaccaro@noaa.gov>
To: Dan Arsenault/R1/USEPA/US@EPA
Date: 09/07/2011 02:38 PM
Subject: Re: Dover, NH

Hi Dan,
How far from the estuary/confluence with the marine
environment is the
plant located and what is the estimated extent of the mixing
zone/
plume from the wwtp?

Thanks,
Chris

Sent from my iPhone

On Sep 7, 2011, at 11:31 AM, Arsenault.Dan@epamail.epa.gov
wrote:

Hi Chris:

I am working on the NPDES permit renewal for the City
of Dover up in
NH.
The discharge goes to the Upper Piscataqua River within
the Great Bay
Estuary. Could you please let me know if there are any
ESA concerns
for
NMFS in the area. A map showing the treatment plant
and river is
attached. Please let me know if you need anything
further.

The letter approved the new dilution factor of 100 and also reported that a condition on outfall inspection/maintenance would be included in their next permit. The horizontal distance away from the outfall where the dilution was achieved was 152.9 feet. This distance was for the design condition of Qadd = 4.7 mgd and the river conditions 15 min after spring low tide.

Please call me if you have any more questions on this.

J

Jeffrey G. Andrews, P.E.
Sanitary Engineer
Wastewater Engineering Bureau
NH Department of Environmental Services
Tel: (603) 271-2984
Fax: (603) 271-4128
E-mail: Jeff.Andrews@des.nh.gov

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

From: Arsenault.Dan@epamail.epa.gov
[mailto:Arsenault.Dan@epamail.epa.gov]
Sent: Wednesday, September 07, 2011 3:07 PM
To: Andrews, Jeff
Subject: Dover, NH

Hey Jeff - I'm working on the Dover permit now and I contacted NMFS to see if there were and issues with endangered species. One of the questions they asked was the size (extent) of the mixing zone (see below). Would you have this info? I looked through our files down here for the Cormix analysis and didn't see it. Also, for the last issuance the permit had a dilution of 100:1 (actually 107:1 but 100 is the max). Is this still valid? Thanks, dan

Dan Arsenault
Municipal Permits Branch

Thanks,

Dan Arsenault

(See attached file: Dover Location.jpg)

Dan Arsenault
Municipal Permits Branch
U.S. Environmental Protection Agency
5 Post Office Square
Suite 1100, OEP06-1
Boston, MA 02109-3912

Phone: (617) 918-1562
Fax: (617) 918-0562
<Dover Location.jpg>

--

Chris Vaccaro
Fisheries Biologist
Protected Resources Division
NOAA Fisheries/NERO
Phone: 978-281-9167
Email: christine.vaccaro@noaa.gov