

Kimball, Vivian

From: Slater, Caleb (FWE) <caleb.slater@state.ma.us>
Sent: 29 May 2018 8:34 AM
To: Vieira, John
Cc: Bergeron, Marc; Kimball, Vivian
Subject: [External] RE: Eversource Sudbury to Hudson Project - Cold Water Fisheries (EEA #15703)

John,

As we discussed on site, much of the stream channel in the project area is already open- flowing through wet meadows. The removal of a few trees in the immediate area of the bridge locations will not result in a significant loss of shade for the stream.

Caleb

Caleb Slater, PhD

Anadromous Fish Project Leader
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From: Vieira, John [mailto:JVieira@VHB.com]
Sent: Wednesday, May 23, 2018 1:40 PM
To: Slater, Caleb (FWE)
Cc: Bergeron, Marc; Kimball, Vivian
Subject: RE: Eversource Sudbury to Hudson Project - Cold Water Fisheries (EEA #15703)

Hi Caleb

Sorry to bother you again with questions. We are still working on the FEIR for the Eversource Sudbury to Hudson Project. You and I discussed this in the field but I need to confirm issues related to shading of Hop Brook and tree removal at the two brook crossing locations. The Sudbury Conservation Commission has voiced concern related to this issue on several occasions.

Based on our discussion, I believe that your opinion was that tree removal in those locations would not have a significant effect on water temperatures in the Brook. After seeing the latest plans that I provided you, do you still have the same opinion? Also, we do plan to plant some woody vegetation to mitigation for any tree loss. Do you have any other recommendations beyond what we have discussed previously?

Thank you in advance you your response!

John

John Vieira, PWS, NHCWS
Senior Project Manager/Senior Ecologist



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Kimball, Vivian

From: Slater, Caleb (FWE) <caleb.slater@state.ma.us>
Sent: 21 May 2018 10:55 AM
To: Vieira, John
Cc: Kimball, Vivian; Bergeron, Marc
Subject: RE: [External] RE: Eversource Sudbury to Hudson Project - Cold Water Fisheries (EEA #15703)

Categories: Sudbury to Hudson - 12970.00

John,

MassWildlife waives the time of year restrictions for this project (EEA #15703) - as de-mobilization and re-mobilization will cause more resource impact than just getting the project done.

Caleb

Caleb Slater, PhD

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From: Vieira, John [mailto:JVieira@VHB.com]
Sent: Monday, May 21, 2018 10:47 AM
To: Slater, Caleb (FWE)
Cc: Kimball, Vivian; Bergeron, Marc
Subject: RE: [External] RE: Eversource Sudbury to Hudson Project - Cold Water Fisheries (EEA #15703)

Thank you, Caleb!!

Do you see any need for time of year restrictions especially for Bridge 127 as detailed below? I believe that the downstream limit of the cold-water fisheries designation is located approximately 1,000 feet downstream of the bridge, at the confluence of Hop and Landham Brooks. That area is mostly a large exposed marsh. Please see the attached.

John

John Vieira, PWS, NHCWS

Senior Project Manager/Senior Ecologist



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2 Washington Square

From: Slater, Caleb (FWE) [mailto:caleb.slater@state.ma.us]
Sent: Monday, May 21, 2018 9:19 AM
To: Vieira, John <JVieira@VHB.com>
Cc: Kimball, Vivian <VKimball@VHB.com>; Bergeron, Marc <MBergeron@VHB.com>
Subject: [External] RE: Eversource Sudbury to Hudson Project - Cold Water Fisheries (EEA #15703)

John,

These new plans look good to me. As long as the area is replanted when the mats are removed we should be good.

Caleb

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From: Vieira, John [mailto:JVieira@VHB.com]
Sent: Wednesday, May 09, 2018 8:57 PM
To: Slater, Caleb (FWE)
Cc: Kimball, Vivian; Bergeron, Marc
Subject: RE: Eversource Sudbury to Hudson Project - Cold Water Fisheries (EEA #15703)

Hi Caleb

I'm forwarding you progress prints for bridge related work at the two Hop Brook crossings in Sudbury as part of Eversource's Sudbury to Hudson Reliability Project. Because large cranes will be needed to install the bridges, it will be necessary for the cranes to sit on stable mats while the work is taking place. The locations for the mats are illustrated on the provided figures. For the most part, the outer perimeter of the mats will be the limits of work. The figures also illustrate the locations where protective best management devices will be installed to prevent impacts to the Brook.

Bridge 128 is the western most crossing of Hop Brook which is located west of Dutton Road. In this location work is not planned in the brook channel. It will be necessary however, to remove and temporarily disturb some of the woody vegetation in the area where the crane mats will be placed. Following placement of the bridge and subsequent work related to the transmission line, vegetation including woody vegetation will be planted beyond the limits of construction platform as shown on the figure. While work on the bridge is taking place, debris netting will also be placed beneath the bridge to prevent debris from falling into the brook.

Bridge 127 is the eastern most crossing of Hop Brook which is located east of Boston Post Road. In this location the beams of the existing bridge currently reside in part below the surface of the of the brook. Plans are to correct this situation by removing the beams and building the new bridge higher than the current bridge. To prevent impacts to the brook, booms and floating debris containment devices will be required across the brook, parallel to the outer limits of the bridge alignment.

As with bridge 128, it will also be necessary to remove and temporarily disturb some of the woody vegetation in the area where the crane mats will be placed. Following construction, vegetation including woody vegetation will be planted beyond the limits of construction platform as shown on the figure. Because of the configuration and width of the existing rail line platform in this location, it will be necessary to temporarily place portions of the crane matting in wetland in four locations as shown on the attached figure. These mats will not be placed in the brook channel.

In each location it is anticipated that it will take up to three months to complete the bridge work.

As I mentioned to you we are currently in the process of developing a Final Environmental Impact Report for the Project. Plans are to submit the FEIR by July 2, 2018. We are very much interested in receiving your comments related to the bridge work and how it relates to cold water fisheries. We are also interested in any time of year restrictions that may apply to the work.

If you have any questions or need clarification regarding planned work please give me a call.

Thank you in advance for attention to this matter.

John

John Vieira, PWS, NHCWS
Senior Project Manager/Senior Ecologist



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