MassDEP NOI File Number

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COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL REGIONAL OFFICE
8 NEW BOND STREET, WORCESTER, MA 01606 508-792-7650

Date: 05/08/2020 Municipality HUDSON

RE: **NOTIFICATION OF WETLANDS PROTECTION ACT FILE NUMBER**

The Department of Environmental Protection has received a Notice of Intent filed in accordance with the Wetlands Protection Act (M.G.L. c. 131, §40):

Applicant	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	**Owner**	SEE ATTACHED
Address	10 PARK PLAZA,BOSTON MA 02116	**Address**	,
Locus	N/A MBTA ROW/CENTRAL MASS LINE RAILROAD , HUDSON MA 01749		

This project has been assigned the following file # : **CE 190-0647**

ISSUANCE OF A FILE NUMBER INDICATES ONLY COMPLETENESS OF SUBMITTAL, NOT APPROVAL OF APPLICATION

Although a file # is being issued, please note the following:

Sheet 130 shows the limit of temporary disturbance from the crane mats at elevation 122.0 along the southern side of the limit of work. The water level in this location is shown as 122.4, suggesting that the southern edges of the crane mats may impact Land Under Waterbody/Waterway (LUWW). Temporary impacts to LUWW, if proposed, should be quantified in Section B of the NOI and the resource impact summary table (Table 1). A silt curtain is recommended for this area if work is proposed within or immediately adjacent to LUWW.

Leaving erosion controls in place within the vicinity of the vernal pools may inhibit migration to and from the pools. Based on Time of Year work restrictions, and with the assistance of a wetland/vernal pool specialist, the applicant should develop erosion control plans for these areas that will allow movement during migration seasons and restrict movement into the construction site during active construction. Erosion control removal and re-establishment may be required, especially if there is significant time between the completion of the transmission line and the commencement of the rail trail. The specialist should also be directed to inspect interim and final grading within the vicinity of vernal pools to assure that ruts or steep cuts won't trap or impede amphibians. Debris blown from the rail trail should not be directed towards the vernal pools.

MassDEP recommends that Eversource upgrade the culverts conveying Streams 1 and 3 to culverts that meet Massachusetts Stream Crossing Standards, for the purposes of overall project mitigation and to avoid future disturbance of the transmission line easement when the culverts deteriorate. Is there a culvert present beneath the easement connecting Wetlands 13 and 14?

MassDEP recommends that Eversource manage invasive species along the route of the transmission line until the commencement of the rail trail project by DCR. A square structure is shown on site plans adjacent to the southern limit of work between stations 150+00 and 151+00. What is this structure, and will it remain in place or be removed?

A significant length of the project passes through Zone II Wellhead Protection Areas. MassDEP recommends that the applicant evaluate whether Stormwater Standard 3 can be met more completely in order to provide additional groundwater recharge in these areas, and if already disturbed areas within the MBTA easement (i.e. near the Chestnut Well, west of the Sudbury-Hudson access drive) can accommodate small infiltration basins/BMPs.

Does stormwater discharge from the project flow directly into Vernal Pool 1, Fort Pond Brook, Stream 1, and/or Stream 3 (a tributary to Lake Boon), with little or no treatment? In order to more fully meet Stormwater Standard 4, can additional TSS removal be accomplished at these design points?

ADDITIONAL REQUIREMENTS:

401 Water Quality Certification (314 CMR 9.00) may be required. The project qualifies for 401 Certification under the Army Corps of Engineers' General Permit for Massachusetts (MAGP), provided that the project meets certain conditions outlined in 314 CMR 9.03 and 9.04, and the conditions under MAGP. The MAGP and Stream Crossing Guidelines are available on the web at http://www.nae.usace.army.mil/Missions/Regulatory/StateGeneralPermits/MassachusettsGeneralPermit.aspx. Select either "Massachusetts General Permit" or "Massachusetts River and Stream Crossing Standards" from the left side menu.

Regards,
for MassDEP,

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