



MassDEP NOI File Number

1 message

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Wed, Dec 11, 2019 at 5:42 PM

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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: 12/11/2019

Municipality NORFOLK

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 NEXTGRID INC. Address PO BOX 775 #73069,SAN FRANCISCO CA Locus 15 LINCOLN ROAD , NORFOLK MA 02056	Owner Address
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This project has been assigned the following file # : **CE 240-0624**

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

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

Several Orders of Conditions have been issued for this property in the past. Requests for Certificates of Compliance should be submitted to the Norfolk Conservation Commission prior to the issuance of an Order of Conditions to avoid conflicting OOCs.

The "Additional Information" on Sheet 3 indicates that 4,717 square feet of Inner Riparian Riverfront Area (0'-100') will be altered by Tree Clearing, however Section B of the NOI shows 2,875 square feet of alteration within the Inner Riparian Riverfront Area. The applicant should verify the correct areal extent of alteration within the Inner Riparian Riverfront Area, and correct the NOI/Plans accordingly. Information should be provided describing how the wetland resource areas were delineated on the property (date, qualifications of delineator, methodology, etc.).

An alternative should be considered that eliminates the clearing of mature forest along the Stop River, and reduces the area of work in Riverfront Area to the previously developed area on the lot. In addition, an Alternatives Analysis as required in DEP Policy 17-1 should be submitted to the Conservation Commission and MassDEP. The applicant should demonstrate how the project fully meets the Performance Standards in 310 CMR 10.58(4) or 310 CMR 10.58(5). Stormwater management measures must be included as Riverfront Area alteration for the purpose of meeting the Performance Standards in 10.58(4) unless there is no practicable alternative to siting these measures in Riverfront Area. The limit of waste/debris should be shown on the Site Plans.

The Stormwater Report models the Post-Development area beneath the solar array as "Brush." Unless the applicant intends to plant and maintain the area beneath the panels as shrubs, the Post-Development array should be modeled as Open Space (for a low height seed mix) or Meadow. Modeling Post-Development conditions with an incorrect Cover Type could result in the underestimation of Post-Development peak runoff. Revised peak flow calculations should be submitted to MassDEP and the Norfolk Conservation Commission.

Sufficient topsoil should be proposed to assure that vegetation will thrive beneath the array. A seed mix comprised of a diversity of native herbaceous species is recommended. Herbicides are not recommended for maintenance of the property.

The Infiltration Basin should not be constructed in an area containing fill, within an area subject to an AUL, or within 50 feet of a slope greater than 15%. The Infiltration Basin design must include pre-treatment and/or a forebay. Calculations should be provided to demonstrate that the basin will drain within 72 hours of a precipitation event.

Many solar arrays in Massachusetts experience erosion problems during construction. Phasing of the project, extra erosion control measures, and frequent monitoring are recommended to prevent erosion problems, particularly in areas with steep slopes, stony soils, or where panel configurations can cause gullies to form at the driplines.

Regards,
for MassDEP,

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