



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

OFFICE OF WATER RESOURCES
235 Promenade Street, Providence, Rhode Island 02908

November 3, 2017

The Narragansett Electric Company
D/b/a/ National Grid
C/o Michael Ryan, VP
280 Melrose Street
Providence, RI 02907

Insignificant Alteration – Permit

RE: Application No. 17-0169 in reference to the property and proposed project located:

Approximately 310 feet east of Greenville Road (RI Route 104) at Woonsocket Substation 26 (76 Greenville Road), adjacent to utility pole nos. 22 through 25; approximately 405 feet northeast of the intersection of Cross Street and Greenville Road; and approximately 70 feet northwest of Greenville Road by utility pole no. 24, approximately 195 feet north-northwest of the intersection of Cross Street and Greenville Road; Assessor's Plat 9, Lots 599, 633, 640, & 641, North Smithfield, RI.

Dear Mr. Ryan:

Kindly be advised that the Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Request for Preliminary Determination** application and has evaluated the proposed reconfiguration and upgrades of Woonsocket Substation No. 26 including the expansion of the substation along with a new control building, new access driveway, new perimeter fencing, removal and replacement of conductors and 12 structures, compensatory flood storage area, and stormwater best management practices, as illustrated and detailed on site plans submitted with your application. These site plans were received by the DEM on September 28, 2017.

Our observations of the subject property, review of the site plans and evaluation of the proposed project reveals that alterations of freshwater wetlands are proposed. However, pursuant to Rule 9.00 of the Rules and Regulations Governing the Administration and Enforcement of the Fresh Water Wetlands Act (Rules), this project may be permitted as an **insignificant alteration** to freshwater wetlands under the following terms and conditions:

Terms and Conditions for Application No. 17-0169:

1. This letter is the DEM's permit for this project under the R.I. Fresh Water Wetlands Act, Rhode Island General Laws (RIGL) Section 2-1-18 et seq.
2. This permit is specifically limited to the project, site alterations and limits of disturbance as detailed on the site plans submitted with your application and received by the DEM on September 28, 2017. A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the project which would alter freshwater wetlands are not authorized without a permit from the DEM.
3. Where the terms and conditions of the permit conflict with the approved site plans, these terms and conditions shall be deemed to supersede the site plans.

4. You must notify this Program in writing immediately prior to the commencement of site alterations and upon completion of the project.
5. A copy of the stamped approved site plans and a copy of this permit must be kept at the site at all times during site preparation, construction, and final stabilization. Copies of this permit and the stamped approved plans must be made available for review by any DEM representative upon request.
6. The effective date of this permit is the date this letter was issued. This permit expires four (4) years from the date of issue.
7. Any material utilized in this project must be clean and free of matter which could pollute any freshwater wetland.
8. Prior to commencement of site alterations, you shall erect or post a sign resistant to the weather and at least twelve (12) inches wide and eighteen (18) inches long, which boldly identifies the initials "DEM" and the application number of this permit. This sign must be maintained at the site in a conspicuous location until such time that the project is complete.
9. Temporary erosion and sediment controls detailed or described on the approved site plans shall be properly installed at the site prior to or commensurate with site alterations. Such controls shall be properly maintained, replaced, supplemented, or modified as necessary throughout the life of this project to minimize soil erosion and to prevent sediment from being deposited in any wetlands not subject to disturbance under this permit.
10. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls consisting of silt fence must be removed.
11. You are responsible for the proper operation, maintenance and stability of any mitigative features, facilities, and systems of treatment and control which are installed or used in compliance with this permit to prevent harm to adjacent wetlands.
12. You are obligated to install, utilize and follow all best management practices detailed or described on the approved site plans in the construction of the project to minimize or prevent adverse impacts to any adjacent freshwater wetlands and the functions and values provided by such wetlands.
13. The existing access pathway that crosses wetland area between wetland edge flags A17-1-W1-33 and A17-1-W1-34 is to be stabilized and seeded with an approved wetland seed mix upon project completion.
14. Areas of vegetation designated as QPAS shall be protected during construction and replaced in kind if disturbed by construction activities in accordance with the Notes transcribed on sheet 4 of 6 of the approved site plans.
15. Restoration of the compensation flood storage area is to be conducted in accordance with the 100-Year Compensatory Flood Storage Excavation & Restoration Notes transcribed on sheet 6 of 6 of the approved site plans.
16. An environmental consultant, experienced in site assessments and measures necessary to protect sensitive aquatic environments or sensitive ecosystems, must be employed prior to the commencement of site alterations to monitor this project and to ensure compliance with the terms and conditions of this permit. This Program must be notified in writing of the consultant chosen to comply with this condition and must receive monthly written progress reports from the consultant regarding compliance with this permit until such time that the project is complete or this Program issues a Notice of Completion of Work.

17. Excavation to compensate for loss in flood storage as provided on the approved site plans is mandatory and must be completed prior to any filling or construction alterations within flood plain or areas subject to flooding on the subject property. Written certification must be provided to this Program by a registered land surveyor that such excavation and grading has been accomplished as permitted. Such certification shall be submitted within twenty (20) days of completion of the required excavation and grading.
18. You must provide written certification from a registered land surveyor or registered professional engineer that the stormwater drainage system including any and all basins, piping systems, catch basins, culverts, swales and any other stormwater management control features have been constructed/installed in accordance with the site plans approved by this permit. This written certification must be submitted to this Program within twenty (20) days of its request or upon completion of the project.

Kindly be advised that this permit is not equivalent to a verification of the type or extent of freshwater wetlands on site. Should you wish to have the types and extent of freshwater wetlands verified, you may submit the appropriate application in accordance with Rule 8.03.

You are required to comply with the terms and conditions of this permit and to carry out this project in compliance with the Rules at all times. Failure to do so may result in an enforcement action by this Department.

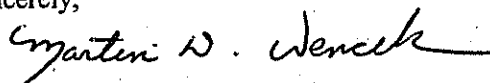
Pursuant to the provisions in Rule 7.09 and Rule 11.04, as applicable, any properly recorded and valid permit is automatically transferred to the new owner upon sale of the property.

In permitting the proposed alterations, the DEM assumes no responsibility for damages resulting from faulty design or construction.

This permit does not remove your obligation to obtain any local, state, or federal approvals or permits required by ordinance or law and does not relieve you from any duties owed to adjacent landowners with specific reference to any changes in drainage. Please note that this freshwater wetland permit is a state permit only and that a federal wetland permit will be needed from the US Army Corps of Engineers to proceed with this project. You can contact the US Army Corps of Engineers for further details.

Please contact Daniel Kowal of this office (telephone: 401-222-4700, ext. 7416) should you have any questions regarding this letter.

Sincerely,



Martin D. Wencsek, Permitting Supervisor
Freshwater Wetlands Program
Office of Water Resources

MDW/DMK/dmk

Enclosure: Approved site plans

xc: David Harrington, P.E., Coneco Engineers & Scientists
Kevin O'Brion, TRC
Kerry Anderson North Smithfield Building Official