



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

November 15, 2012

FM Global
Richard A. Chmura, Research Campus Manager
743 Reynolds Road
West Glocester, RI 02814

REVISED PERMIT

Re: Application No. 11-0175 in reference to the location below:

Approximately 3500 feet southwest of Reynolds Road (Route 94), approximately 4000 feet west of the intersection of Pine Hill Road and Reynolds Road (Route 94), Assessors Plat 2, Lot 4, and Assessors Plat 3, Lot 34, West Glocester, RI.

Dear Mr. Chmura:

The Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Application for Permit Modification** and has evaluated your proposed modifications to the permitted installation of a 500-gallon propane tank along with pavement of existing gravel and grass areas to allow increased vehicle access and stability for safety at the FM Global remote testing site, as illustrated and detailed on revised site plans submitted with your application. The revised site plans were received on October 23, 2012.

Based upon the Program's evaluation of the revised project and pursuant to Rule 11.03 of the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act (Rules), it is the Program's determination that a revised permit for the modified project may be issued under the following terms and conditions:

1. This letter is the DEM's revised 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 revised 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 October 23, 2012. A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the project that would alter freshwater wetlands are not authorized without a permit from the DEM.
3. Where the terms and conditions of the revised permit conflict with the approved site plans, these terms and conditions shall be deemed to supersede the site plans.
4. A copy of the stamped approved site plans and a copy of this revised permit must be kept at the site at all times during site preparation, construction, and final stabilization. Copies of this revised permit and the stamped approved plans must be made available for review by any DEM representative upon request.

5. Within ten (10) days of the receipt of this revised permit, you must record this permit in the land evidence records of the Town of Gloucester and supply this Program with written documentation obtained from the Town showing this revised permit was recorded.
6. This revised permit expires July 1, 2017.

Except as authorized in this revised permit, pursuant to revised and approved site plans (enclosed), all terms and conditions previously specified in the Program's permit dated December 29, 2011 (copy enclosed) remain in effect.

This revised permit is valid for the original applicant only unless transferred pursuant to Rule 7.09 of the Rules.

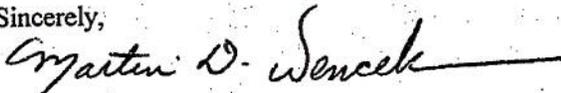
You are required to comply with the terms and conditions of this revised permit and to carry out this project in compliance with the Rules at all times. Failure to do so may result in an enforcement action by the Program.

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

This revised 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 contact Claire Swift of this Program (telephone: 401-277-6820 ext. 7418) should you have any questions regarding this letter.

Sincerely,



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

MDW/CVS/cvs

Enclosure: Approved revised site plans

xc: Town of Gloucester, Office of the Building Official
Joseph Casali, PE, Joe Casali Engineering, Inc.



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

December 29, 2011

FM Global
c/o Richard A. Chmura
Research Campus Manager
743 Reynolds Road
West Glocester, RI 02814

Insignificant Alteration - Permit

Re: Application No. 11-0175 in reference to the location below:

Approximately 3500 feet southwest of Reynolds Road (Route 94), approximately 4000 feet west of the intersection of Pine Hill Road and Reynolds Road (Route 94), Assessor's Plat 2, Lot 4 and Plat 3, Lot 34, West Glocester, RI.

Dear Mr. Chmura:

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. This review included a site inspection of the above referenced property ("subject property") and an evaluation of the proposed paving of existing gravel and grass areas and the installation of a 500-gallon storage tank, as illustrated and detailed on site plans submitted with your application. These site plans were received on September 14, 2011.

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. 11-0175:

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 14, 2011. A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the project that 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. Within ten (10) days of the receipt of this permit, you must record this permit in the land evidence records of the Town of Glocester and supply this Program with written documentation obtained from the Town showing this permit was recorded.
7. The effective date of this permit is the date this letter was issued. This permit expires on July 1, 2017.
8. Any material utilized in this project must be clean and free of matter that could pollute any freshwater wetland.
9. 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.
10. 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.
11. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls consisting of hay bales and/or silt fence must be removed.
12. You are responsible for the proper operation, maintenance and stability of any mitigative features, facilities, and systems of treatment and control that are installed or used in compliance with this permit to prevent harm to adjacent wetlands.
13. 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, until such time that you document that this responsibility has been assumed by another person or organization.
14. The proposed stormwater best management practices (BMPs) shall be maintained in strict accordance with the "Long Term Pollution Prevention Measures & Operation and Maintenance Plan for FM Global Remote Testing Site, 743 Reynolds Road, West Glocester, Rhode Island; Owner: FM Global, 743 Reynolds Road, West Glocester, Rhode Island 02814; ESS Project No. F284-019.02", dated September 9, 2011, indicated as Prepared by: ESS Group, Inc., 888 Worcester Street, Suite 240, Wellesley, MA 02482.

Application No. 11-0175

Page 3

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.

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.

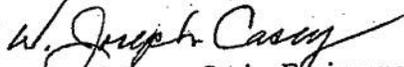
In permitting the proposed alterations, the DEM assumes no responsibility for damages resulting from faulty design or construction.

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.

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 contact Claire Swift of this office (telephone: 401-222-6820 x 7418) should you have any questions regarding this letter.

Sincerely,



W. Joseph Casey, Senior Environmental Scientist
Office of Water Resources
Freshwater Wetlands Program

WJC/CVS/cvs

Enclosure: Approved site plans

xc: Town of Gloucester, Office of the Building Official
Daniel J. Herzlinger, ESS Group, Inc.
Ron Gagnon, RIDEM Office of Customer & Technical Assistance

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