



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

March 31, 2015

Patricia C. Blais  
3016 Via Palma Way  
Naples, FL 34109

**Insignificant Alteration - Permit**

Re: Application No. 15-0037 in reference to the location below:

Approximately 125 feet west of Wrentham Road, opposite utility pole No. 14, and approximately 220 feet north of its intersection with Fisher Road, Assessor's Plat 49, Lot 148, Cumberland, RI

Dear Ms. Blais:

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 single-family house, driveway, septic system, water line, stormwater treatment structures and associated landscaping as illustrated and detailed on site plans submitted with your application. These site plans were received on March 6, 2015.

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. 15-0037:

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 has been received by the DEM on March 6, 2015. 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 or Town 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 Cumberland 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. Pursuant to R.I. Gen. Laws § 42-17.1- 2.5 this permit is subject to tolling and shall be valid until July 1, 2020 unless renewed pursuant to the Rules.
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. Also prior to commencement of any site alterations, permanent buffer zone markers must be installed along the limit of disturbance at the locations indicated in red ink on the approved site plans, in order to provide permanent reference points on site that are clear to present and future property owners. Acceptable permanent type markers include 4" x 4" pressure treated timber posts, galvanized fence posts with cap, or granite or concrete bounds. Markers must extend a minimum 24" above grade. A permanent-type tag or sign labeled "RIDEM Buffer Zone" must be placed on each marker. A permanent-type fence at least 24" tall placed along the limits of disturbance and similarly labeled may be substituted where desired. **No alterations of any kind are permitted beyond these markers without first obtaining the necessary permit from this Program.**
12. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls consisting of hay bales and/or silt fence must be removed.
13. You are responsible for the proper installation, 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 until such time that you document that this responsibility has been assumed by another person or organization.
14. 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.
15. This Program has made a specific revision to the approved site plans. This revision is clearly marked in red on the approved plans. This project must take place in compliance with this revision. Specifically, a single row of mapleleaf viburnums (*Viburnum acerifolium*), with a height of at least three (3) feet after planting, spaced at ten feet intervals, and consisting of at least ten (10) shrubs must be planted as indicated on the site plan due to encroachment into perimeter wetland.

16. All plantings of shrubs, trees or other forms of vegetation as shown or detailed on the approved plans, or detailed in this permit, must be installed as soon as possible after completion of final grading; weather and season permitting. Any plantings which fail to survive one full growing season shall be replaced. Replacement plantings shall be similarly guaranteed for one full growing season.
17. Buffer zone plantings of trees and/or shrubs between the project and any adjacent freshwater wetland areas, except for necessary replacement, must be allowed to develop naturally without being subjected to mowing or manicuring.

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.

Kindly be advised that this permit is not equivalent to a determination of the type or extent of freshwater wetlands on the subject property. Should you wish to obtain such verification, you may submit an 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.

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 contact Andrew Charpentier of this office (telephone: 401-222-6820, ext. 7414) should you have any questions regarding this letter.

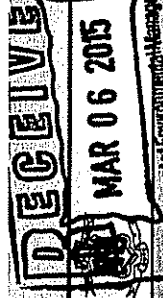
Sincerely,



Andrew Charpentier, Senior Environmental Scientist  
Office of Water Resources  
Freshwater Wetlands Program  
AC/ac

Enclosures:    Approved site plans  
                  Pond, Perimeter Wetland Factsheet

cc: Peter Scorpio, Cumberland Building Official  
      Brian Moore, Chief of Groundwater & Wetland Protection  
      Jeffrey C Hanson, P.E., Millstone Engineering, P.C.



RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
ONSITE WASTEWATER TREATMENT SYSTEM CONSTRUCTION PERMIT

FOR RIDEM USE ONLY

APPLICATION No. 0208-2973 DATE RECEIVED 3/6/15 AMOUNT RECEIVED \$100 CHECK # 1553 NOTE 021

TYPE OF APPLICATION (CHECK ALL THAT APPLY)

- NEW BUILDING CONSTRUCTION
- ALTERATION
- REPAIR
- TRANSFER
- A/E TECHNOLOGY
- TYPE OF SYSTEM ELVEN IN - DRAINS
- VARIANCE
- REDESIGN

SITE INFORMATION

NO. STREET Wrentham Road CITY/TOWN CUMBERTOWN POLE # 14  
 PLAT NUMBER 49 LOT NUMBER 148 SUBDIVISION LOT NUMBER N/A  
 LOT SIZE 130,613 SQUARE FEET  
 SUBDIVISION NAME N/A  
 SUBDIVISION SITE SUITABILITY CERTIFICATION # N/A

OWNER INFORMATION

LAST NAME Blais FIRST NAME Patricia C. M.I.  
 NO. STREET 3016 Via Palma Way CITY/TOWN Naples, FL ZIP CODE 34109

RIDEM APPLICATION HISTORY

PREVIOUS SITE TESTING  YES  NO APPLICATION # 0208-2973  
 DEPTH TO APPROVED WATER TABLE 48" HOW DETERMINED Soil Evaluation  
 TEST HOLE # 1 DATE EXCAVATED 2/6/13 WETLANDS WITHIN 200' OF OWTS  YES  NO  
 WETLAND DETERMINATION  YES  NO RIDEM FILE # 150037 DATE 3/31/15  
 LARGE SYSTEM  YES  NO

DESIGN INFORMATION

BUILDING USE:  Residential  Commercial  Other Environmental Management  
 WATER SUPPLY:  public water  public well  private well  
 # OF DESIGN UNITS 4 MAR - 6 2015  
 UNIT DESIGN FLOW 115 gallons per BR (unit) TOTAL DAILY FLOW 466 gallons  
 TANK SIZE 1,500 gallons DESIGN LOADING RATE 0.61 square feet  
 MINIMUM REQUIRED LEACHFIELD AREA 754  
 LEACHFIELD TYPE 28 ELVEN IN-DRAIN UNITS  
 TOTAL AREA OF LEACHFIELD PROVIDED 784 square feet

CERTIFICATION

I, Jeffrey C. Hanson (print), the undersigned licensed OWTS designer, certify that I prepared this application and accompanying forms, submittals, plans and sketches in accordance with the RULES of the RIDEM pertaining to OWTS and that all the information provided on this application and accompanying forms, submittals, plans and sketches is true and accurate.

Signature of Designer Jeffrey C. Hanson Phone # 401-921-3344  
 Designer License Number 003015  
 Business/Company Name Millstone Engineering, P.C. Phone Number 333-4455  
 I certify that a) I am the owner of the property indicated under the site information on this application, b) I will hire a licensed OWTS installer to install the system proposed herein, c) the system will be installed in strict accordance with this application, d) I will hire and retain the licensed OWTS designer of record to witness and inspect the installation of the system, e) I assume all responsibility for the truth and accuracy of this application and all liability and responsibility for any improper installations of the system on this site and agree to hold the RIDEM harmless from any and all claims relating whatsoever to the system. In the case of a transfer application, I acknowledge that the permit application and plans previously approved and accompanying this application are the operating documents subject to modification.  
 Owner(s) Signature Patricia C. Blais Phone Number 333-4455

PERMIT APPROVAL SECTION: DO NOT WRITE BELOW THIS LINE

Based upon the representations of the owner(s) and the engineer(s) including the representations of the owner(s) OWTS designer and the truth and accuracy of all information submitted, this application for an OWTS is hereby approved. The RIDEM assumes no responsibility for the future safe operation or maintenance of the approved system or the fitness or suitability of this system to this site. It is assumed that the owner(s) and the engineer(s) are responsible for the fitness or suitability of this system. Approval is subject to future suspension or revocation in the event that subsequent information reveals any data indicated on any application, form, submittal, plan or sketch to be incorrect or not in compliance with the RULES or any conditions of the site are such that the approved design is not in accordance with the RULES, or in the event that the system discharges inadequately treated wastewater to waters of the State or fails to operate as its facility in any other manner.

IMPORTANT: Additional terms of approval as circled.

- Location of leaching area excavated must be inspected by the RIDEM prior to placement of any gravel or stone.
- System installation must be inspected by RIDEM prior to covering any component of the system with backfill.
- Applicant shall comply with all requirements, conditions and stipulations of vertical (a) approved on (a) technology, additional specific installation, operation, or maintenance requirements may apply (see RIDEM A/E Technology contribution for the system type).
- Copy of this form and Operator/Maintenance contract must be filed in last evidence records unit to compliance.
- Proper construction files with "Control Zone" Control Model should be submitted to Capital Resources Management District.
- Proper erosion and sedimentation controls must be installed prior to start of construction.
- Transfer: See original permit for all applicable conditions.
- Other

Joint Permit - NOTIFY RIDEM prior to site construction!

Signature of RIDEM Official Janet Kelly Date of Approval 3/3/15 Date of Expiration 7/1/20