



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

February 27, 2015

Patrick Jordan
PO Box 338
Wakefield, RI 02880

Insignificant Alteration - Permit

Re: Application No. 14-0223 in reference to the location below:

Approximately 1300 feet southwest of Winfield Tucker Road, approximately 4900 feet south of the intersection of Winfield Tucker Road and Tuckertown Road, Assessors Plat 67, Lot 22, South Kingstown, RI.

Dear Mr. Jordan:

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 home with attached garage, deck, driveway, onsite wastewater treatment system (OWTS), private well, site grading, retaining wall, stormwater management structures, floating dock, and landscaped yard, as illustrated and detailed on site plans submitted with your application. These site plans were received by the DEM on December 23, 2014.

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. 14-0223:

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 December 23, 2014. 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 South Kingstown 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, 2020.
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. 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.
15. This Program has made specific revisions to the approved site plans. These revisions are clearly marked in red on the approved plans. This project must take place in compliance with these revisions. **Specifically, the limit of disturbance has been added to the site plan in the location of the proposed dock. Please note that no additional clearing for the construction of the dock is allowed on the pathway or stairs leading to the pond.**
16. Prior to commencement of any site alterations, permanent buffer zone markers must be installed along the limit of disturbance at the locations indicated 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 - inch x 4 - inch pressure treated timber posts, galvanized fence posts with cap, or granite or concrete bounds. Markers must extend a minimum 24 inches 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 inches tall, placed along the limits of disturbance, may be substituted where desired. No alterations of any kind are permitted beyond these markers without first obtaining the necessary permit from this Program.
17. **Immediately upon installation of the buffer zone markers, this Program must be contacted to arrange an on-site inspection. Once proper installation has been confirmed by this Program, work may be initiated on the project as herein approved.**

Please note that no clearing or cutting of trees or vegetation is allowed under this permit within the 50-foot perimeter wetland associated with the pond.

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,

Claire V. Swift

Claire V. Swift, Environmental Scientist

Office of Water Resources

Freshwater Wetlands Program

CVS/cvs

Enclosure: Approved site plans

- cc: Mohammed Freij, RIDEM OWTS Program
- Jeffrey O'Hara, Town of South Kingstown Building Official
- Jeffrey J. Campopiano, PE



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

FOR RIDEM USE ONLY

APPLICATION No. 1432-1251 DATE RECEIVED 12/25/14 AMOUNT RECEIVED \$ 700 CHECK # 735 NOTE 030

TYPE OF APPLICATION (CHECK ALL THAT APPLY)

- NEW BUILDING CONSTRUCTION
- ALTERATION
- REPAIR
- TRANSFER
- A/E TECHNOLOGY
- VARIANCE
- REDESIGN

SITE INFORMATION

NO. STREET TUCKERTOWN ROAD CITY/TOWN SOUTH KINGSTOWN POLE # _____
 PLAT NUMBER 67 LOT NUMBER 22 SUBDIVISION LOT NUMBER _____
 LOT SIZE 88,421 SQUARE FEET
 SUBDIVISION NAME _____
 SUBDIVISION SITE SUITABILITY CERTIFICATION # _____

OWNER INFORMATION

LAST NAME JORDAN FIRST NAME ANDRICK M.I. _____
 NO. STREET PO BOX 338 CITY/TOWN WAKEFIELD RI ZIP CODE 02880

RIDEM APPLICATION HISTORY

PREVIOUS SITE TESTING YES NO APPLICATION # 1432-1251
 DEPTH TO APPROVED WATER TABLE 9' HOW DETERMINED BOULDER
 TEST HOLE # 1 DATE EXCAVATED 9/23/14 WETLANDS within 200' OF OWTS YES NO
 WETLAND DETERMINATION YES NO RIDEM FILE # WATER REV# DATE 1/1
 LARGE SYSTEM YES NO

DESIGN INFORMATION

BUILDING USE: Residential Commercial Other
 WATER SUPPLY: public water public well private well
 # OF DESIGN UNITS 5
 UNIT DESIGN FLOW 115 gallons per BD (unit) TOTAL DAILY FLOW 575 gallons
 TANK SIZE 1,500 gallons DESIGN LOADING RATE 0.61 gpd/sf
 MINIMUM REQUIRED LEACHFIELD AREA 471.3 square feet
 LEACHFIELD TYPE FLOW OLFUS SURS
 TOTAL AREA OF LEACHFIELD PROVIDED 568 square feet

CERTIFICATION

I, JEFFREY J CAMPBELL (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 [Signature] Phone # 487-3527
 Designer License Number 3072
 Business/Company Name JEFFREY J CAMPBELL INC
 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 operative documents subject to modification.
 Owner(s) Signature [Signature] Phone Number 401-783-7217

PERMIT APPROVAL SECTION: DO NOT WRITE BELOW THIS LINE

Based upon the representations of the owner and the owner's agents, 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 or liability for the future safe operation or maintenance of the approved system, or the fitness or suitability of this system to this site, nor does it assume any responsibility for the accuracy and truth of the owner's or the owner's agent's representations. This approval is subject to future suspension or revocation in the event that subsequent examination 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 at 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 satisfactorily in any other manner.

IMPORTANT: Additional terms of approval as circled.

- A. Bottom of leach field area excavation must be inspected by RIDEM prior to placement of any gravel or stone.
- B. System installation must be inspected by RIDEM prior to covering any component of the system with backfill.
- C. Applicant shall comply with all requirements, conditions and stipulations of variance(s) approved on.
- D. A/E technology, additional specific installation, operation or maintenance requirements may apply (see RIDEM A/E technology certification for this system type).
- E. Copy of this Form and Operation/Maintenance contract must be filed in hard evidence records prior to commencement.
- F. Proposed construction falls within Coastal Zone's District B (local island Coastal Resources Management Council).
- G. Proper erosion and sedimentation controls must be installed prior to start of construction.
- H. Transfer: See original permit for all applicable conditions.
- I. Other

JOINT PERMIT - NOTIFY RIDEM PRIOR TO START OF SITE CONSTRUCTION!

Signature of RIDEM Official [Signature] Date of Approval 2/27/15 Date of Expiration 7/1/20