



**RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
235 Promenade Street  
Providence, Rhode Island 02908

September 12, 2024

State of RI, DCAMM  
c/o Erin Gendreau  
One Capital Hill  
Second Floor  
Providence, RI 02908

**REVISED PERMIT**

Re: Application No. 21-0297 in reference to the location below:

Approximately 270 feet east of Wallum Lake Road (Route 100), approximately 500 feet northeast of the intersection of Lake Street and Wallum Lake Road (Route 100), Assessor's Plat 51, Lot 14, Burrillville, RI.

Dear Ms. Gendreau:

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 upgrades to the existing wastewater treatment facility for the Zambarano Campus of the Eleanor Slater Hospital, as illustrated and detailed on revised site plans submitted with your application. The revised site plans were received by the DEM on July 18, 2024.

Based upon the Program's evaluation of the revised project and pursuant to 250-RICR-150-15-1.11(C) of the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act, 250-RICR-150-15-1, 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, R.I. Gen Laws. § 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 July 18, 2024. 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 or city/town 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 Burrillville and supply this Program with written documentation obtained from the Town showing this revised permit was recorded.
6. This revised permit expires four (4) years from the date of issue of the original letter of unless renewed pursuant to 250-RICR-150-15-1.9(D)(5).
7. The long-term operation and maintenance plan shall be strictly followed. The long-term O & M Plan shall be that entitled "Operation and Maintenance Plan: Eleanor Slater Hospital – Zambarano Unit Wastewater Treatment Facility – Pascoag, Rhode Island, 02859" submitted initially in November 2021, revised in January 2022 and November 2023, and then revised again in July 2024 by WSP USA located at 166 Valley Street – Building 5 in Providence, RI 02909.
8. The applicant must ensure that a **non-woven** geotextile is utilized to wrap the proposed dry swale's gravel borrow sump that is depicted in the "Grass Swale Detail" depicted on site plan sheet 16 of 20.

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 March 2, 2022 (copy enclosed) remain in effect.

You are required to comply with the terms and conditions of this revised permit and to carry out this project in compliance with 250-RICR-150-15-1 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 office at (telephone: 401-537-4183) should you have any questions regarding this letter.

Sincerely,



Martin D. Wencek, Program Supervisor  
Freshwater Wetlands Program  
Office of Water Resources  
MDW/CVS/cvs

Enclosure: Approved revised site plan  
Letters dated March 2, 2022 & January 26, 2024

ec: Neal Personeus, RIDEM Stormwater Program  
Steven Detonnancourt, Town of Burrillville Building/Zoning Official  
Aaron Sylvania, PE, WSP  
Jarrett Zell, WSP



RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
235 Promenade Street  
Providence, Rhode Island 02908

January 26, 2024

State of RI, DCAMM  
c/o Erin Gendreau  
One Capital Hill  
Second Floor  
Providence, RI 02908

**REVISED PERMIT**

Re: Application No. 21-0297 in reference to the location below:

Approximately 270 feet east of Wallum Lake Road (Route 100), approximately 500 feet northeast of the intersection of Lake Street and Wallum Lake Road (Route 100), Assessor's Plat 51, Lot 14, Burrillville, RI.

Dear Ms. Gendreau:

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 upgrades to the existing wastewater treatment facility for the Zambarano Campus of the Eleanor Slater Hospital, as illustrated and detailed on revised site plans submitted with your application. The revised site plans were received by the DEM on November 15, 2023.

Based upon the Program's evaluation of the revised project and pursuant to 250-RICR-150-15-1.11(C) of the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act, 250-RICR-150-15-1, 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, R.I. Gen Laws. § 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 November 15, 2023. 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 or city/town 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 Burrillville and supply this Program with written documentation

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obtained from the Town showing this revised permit was recorded.

6. This revised permit expires four (4) years from the date of issue of the original letter of unless renewed pursuant to 250-RICR-150-15-1.9(D)(5).
7. The long-term operation and maintenance plan shall be strictly followed. The long-term O & M Plan shall be that entitled "Operation and Maintenance Plan: Eleanor Slater Hospital - Zambarano Unit Wastewater Treatment Facility - Pascoag, Rhode Island, 02859" submitted initially in November 2021, revised in January 2022 and resubmitted in November 2023 by WSP USA located at 166 Valley Street - Building 5 in Providence, RI 02909.
8. The applicant must ensure that the existing southern aeration basins and southern secondary clarifier have holes punched into their bottom slabs to allow for infiltration.
9. This Program has made specific revisions to the approved site plans. These revisions are clearly marked in red on the approved plans. The note on Sheet 19 of 19, Resource Impact Plan, "R&D existing above-ground effluent pipe..." has been crossed off the site plans because it conflicts with the with the intent of the project and with note on Sheet 7 of 19 that states, "Maintain existing above ground effluent pipe".

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 March 2, 2022 (copy enclosed) remain in effect.

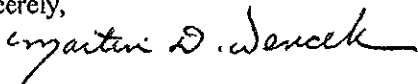
You are required to comply with the terms and conditions of this revised permit and to carry out this project in compliance with 250-RICR-150-15-1 at all times. Failure to do so may result in an enforcement action by the Program.

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 office at (telephone: 401-537-4183) should you have any questions regarding this letter.

Sincerely,



Martin D. Wencek, Program Supervisor  
Freshwater Wetlands Program  
Office of Water Resources  
MDW/CVS/cvs

Enclosure: Approved revised site plan  
Letter dated March 2, 2022

ec: Neal Personeus, RIDEM Stormwater Program  
Steven Detonnancourt, Town of Burrillville Building/Zoning Official  
Aaron Sylvania, PE, WSP  
Jarrett Zell, WSP



**RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
235 Promenade Street  
Providence, Rhode Island 02908

March 2, 2022

State of RI, DCAMM  
c/o Marco Sciappa, Assistant Director  
One Capitol Hill  
Second Floor  
Providence, RI 02908

**Insignificant Alteration – Permit**

Re: Application No. 21-0297 in reference to the location below:

Approximately 270 feet east of Wallum Lake Road (Route 100), approximately 500 feet northeast of the intersection of Lake Street and Wallum Lake Road (Route 100), Assessor's Plat 51, Lot 1, Burrillville, RI.

Dear Mr. Sciappa:

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 upgrades to the existing wastewater treatment facility for the Zambarano Hospital, including a new effluent discharge pipe, removal of existing overhead pipe, and a stormwater management system with associated site alterations as illustrated and detailed on site plans submitted with your application. These site plans were received by the DEM on January 28, 2022.

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 250-RICR-150-15-1.9 of the Rules and Regulations Governing the Administration and Enforcement of the Fresh Water Wetlands Act, 250-RICR-150-15-1, this project may be permitted as an **insignificant alteration** to freshwater wetlands under the following terms and conditions:

Terms and Conditions for Wetlands Application No. 21-0297:

1. This letter is the DEM's permit for this project under the R.I. Fresh Water Wetlands Act, R.I. Gen. Laws § 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 January 28, 2022. 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 of the anticipated start date, and of your contractor's contact information, by submitting the Notice of Start of Construction Form prior to commencement of any permitted site alterations or construction activity. You must also notify this Program in writing upon completion of the project. The Start of Construction Form can be found on the webpage: [dem.ri.gov/stormwaterconstruction](http://dem.ri.gov/stormwaterconstruction).
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 Burrillville 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 four (4) years from the date of this letter 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. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls must be removed.
12. You are responsible for the proper installation, operation, maintenance and stability of any mitigative features, stormwater treatment facilities, and systems of treatment and control that are installed or used in compliance with this permit to prevent harm to adjacent wetlands until documentation is provided that this responsibility has been assigned to another entity. Operation and maintenance shall be as described in the plan entitled, "Operation and Maintenance Plan: Eleanor Slater Hospital – Zambarano Unit Wastewater Treatment Facility – Pascoag, Rhode Island 02859", submitted November 2021 and revised January 2022, prepared by WSP USA, located 166 Valley Street, Building 5, Providence, RI 02909, and shall be strictly followed.
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.

14. 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.
15. Plantings of trees and/or shrubs for restoration must be allowed to develop naturally without being subjected to mowing or manicuring.
16. 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. 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.
18. 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:
  - a. On site plan sheet 10 of 13, the "Grass Swale Detail" shall be revised to specifically require non-woven geotextile filter fabrics surrounding the pea gravel diaphragm and the dry swale's gravel borrow sump.
  - b. Shrubs must be planted for restoration in 50-foot perimeter wetland and 200-foot riverbank wetland in the locations indicated on site plan sheets 3 and 4 of 10. These shrubs shall consist of highbush blueberry (*Vaccinium corymbosum*) and/or sweet pepperbush (*Clethra alnifolia*) planted five (5) feet on center and three (3) feet tall after planting.
  - c. All disturbed areas of swamp will not be planted but shall be allowed to revegetate naturally to a natural condition.
  - d. Straw wattle has been added to site plan sheet 3 of 13, east of the edge of the river.

Pursuant to the provisions in 250-RICR-150-15-1.7(A)(9) and 250-RICR-150-15-1.11(D), 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 250-RICR-150-15-1.8(C).

This permit does not remove your obligation to obtain any local, state, or federal approvals (see paragraph below) 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.

In order to check on the status of their review, please contact the U.S. Army Corps of Engineers to determine federal permit requirements on your project. Write the Corps' New England District,

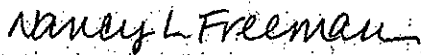
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Regulatory Branch, 696 Virginia Road, Concord, MA 01742-2751; website:  
<https://www.nae.usace.army.mil/Missions/Regulatory/> or email at [cenaer@usace.army.mil](mailto:cenaer@usace.army.mil). Please note  
that the Department of the Army authorization must be obtained before any work is initiated in areas  
subject to Corps jurisdiction.

Please contact Claire Swift of this office (telephone: 401-222-6820, ext. 277-7418) should you have any  
questions regarding this letter.

Sincerely,



Nancy L. Freeman, Principal Environmental Scientist  
Office of Water Resources  
Freshwater Wetlands Program

NLF/CVS/cvs

Enclosure: Approved site plans

cc: Neal Personous, RIDEM Stormwater Program  
Joseph Raymond, Building Official, Town of Burrillville  
Nicholas A. Pisani, PE, Supervising Engineer, DEM Stormwater Program  
Kevin Kotelly, USACE, New England District