



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

June 30, 2017

Rhode Island Department of Transportation (RIDOT)
C/o Meredith E. Brady, Administrator, Division of Planning
2 Capitol Hill, Room 350A
Providence, RI 02903-1124

RE: Wetland Application No. 11-0099, and RIPDES Program File No. RIR 100847 in reference to the location below:

Centerville Road (State Route 117), from approximately 420 feet west of its intersection with Diamond Hill Road eastward to its intersection with Greenwich Avenue (Apponaug Four-Corners); Diamond Hill Road, from its intersection with Centerville Road to approximately 280 feet south of its intersection with Centerville Road; Toll Gate Road (State Route 115), from its intersection with Centerville Road to approximately 60 feet northwest of the intersection with Calef Street and Toll Gate Road; Gilbane Street, from its intersection with Centerville Road to approximately 240 feet south of Centerville Road; Meadow Street, from its intersection with Centerville Road to approximately 300 feet south and southeast of Centerville Road; Music Lane, from its intersection with Post Road to approximately 150 feet south of Post Road; Pleasant Street, from its intersection with Post Road to approximately 70 feet north of Post Road; Post Road, from its intersection with Greenwich Avenue/Centerville Road to its intersection with Water Street; Post Road (State Routes 1 and 117) between Greenwich Avenue/Centerville Road (Apponaug Four-Corners) and West Shore Road (Williams Corner); Post Road (State Route 1) between West Shore Road and the Post Road Extension; Veterans Memorial Drive between Post Road/Post Road Extension and Greenwich Avenue; and Greenwich Avenue between Veterans Memorial Drive and Centerville Road, Route 117; Existing SHL Plats 1427, 1047, 2679, 773, 2297, 1625, 2679, 2345, 2297A, 2706, 2343, 2307A; Warwick, RI.

Dear Ms. Brady:

Kindly be advised that the Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your Application for Renewal received on June 12, 2017.

It is our understanding that you are requesting renewal of the permit issued for Application No. 11-0099. The original permit was issued on October 8, 2013 and revised on November 14, 2014 to RIDOT for alterations to freshwater wetlands at the above referenced location.

This Program has found that your project, at this time, is generally in conformance with those conditions set forth in the permit letter as well as the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act (Rules). It is our determination, therefore, that the permit may be renewed. This renewal is valid until July 1, 2018 and expires on that date unless an additional renewal is allowed and authorized in accordance with the Rules (See Rule 11.02). A copy of the original permit letter of October 8, 2013 and a copy of the revised permit of November 14, 2014 are enclosed for your convenience.

Please provide the following reports:

- 1) Monthly written progress reports in accordance with permit condition no. 11;



- 2) Annual monitoring reports in accordance with permit condition no. 20;
- 3) Annual monitoring reports in accordance with permit condition no. 22; and
- 4) Monthly inspection reports in accordance with permit condition no. 26.

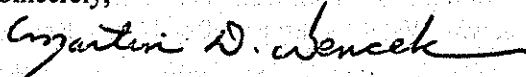
Also, please ensure that the sediment removal limits have been met for Gorton Pond in accordance with the approved site plans (Gorton Pond Sediment Plan).

It is your responsibility to maintain compliance with the conditions of the permit and to carry out this project in compliance with the Rules at all times. This renewal does not relieve you of any obligations to obtain any local, state, or federal approvals or permits as required by ordinance or law.

Please be aware that the RIDEM's Rules and Regulations Governing the Establishment of Various Fees require that RIPDES CGP permit holders to pay an Annual Fee of \$100.00. An invoice will be sent to the owner on record in May/June of each year if the construction was still active as of December 31st of the previous year. The owner will be responsible for the Annual Fee until the construction activity has been completed, the site has been properly stabilized, and a completed Notice of Termination (NOT) has been received by the RIPDES Program. A copy of the NOT can be found attached to the CGP on the web page: <http://www.dem.ri.gov/pubs/regs/regs/water/ripdesca.pdf>.

If you have any questions regarding this matter, you may contact me or Daniel Kowal of this Program (telephone: 401-222-4700, ext. 7416).

Sincerely,



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

MDW/DMK/dmk

Enclosures: Copy of original permit letter of October 8, 2013
Copy of revised permit letter of November 14, 2014



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

November 14, 2014



Rhode Island Department of Transportation (RIDOT)
Peter Healey, Chief Civil Engineer
Two Capitol Hill
Providence, RI 02903

REVISED PERMIT

RE: Wetland Application No. 11-0099 and RIPDES Program File No. RIR 10087 in reference to the location below:

Approximately 550 feet east of the intersection of Centerville Road and Toll Gate Road, at Bridge Number 1038 for the Veterans Memorial Drive Extension, part of the Apponaug Connector Long-Term Improvements project, Warwick, RI.

Dear Mr. Healey:

The Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Application for Permit Modification** and has evaluated the proposed modification request to the previously permitted **Apponaug Circulator Long-Term Improvement Project** for substituting the previously approved box culvert of proposed Bridge 1038 with a proposed arch culvert, as illustrated and detailed on revised site plans submitted with your application.

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 and site alterations as detailed on the site plans submitted with your application and received by the DEM on November 3, 2014 and as modified in these terms and conditions. A copy of the site plan 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 revised permit conflict with the approved site plan, these terms and conditions shall be deemed to supersede the site plan.
4. A copy of the stamped approved site plan 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 plan must be made available for review by any DEM representative upon request.

5. This revised permit expires on July 1, 2016, unless renewed pursuant to Rules 10.07(F) and 11.02.
6. The text phrase "**new box culvert**" that appears on previously approved site plan sheet 12 of 91 is to be referred to now as "**new arch culvert.**"

Except as authorized in this revised permit pursuant to the approved site plan, all terms and conditions previously specified in the Program's original permit dated October 8, 2013 (copy enclosed) remain in effect.

This revised permit is valid for the applicant and is automatically transferred upon the sale of the property to the new owner in accordance with Rules 7.09 and 11.04.

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 against you by this Department and/or subject you to the enforcement provisions of the U.S. Army Corps Of Engineers' regulations.

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

Sincerely,

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

MDW/DMK/dmk

Enclosures: Copy of original permit letter of October 8, 2013

Approved revised site plan

xc: David Picozzi, Warwick Director of Public Works
Mike Riccio, U.S. Army Corps of Engineers
Robert DeSista, U.S. Army Corps of Engineers
Todd Ravenelle, Gordon R. Archibald, Inc.
Eric Beck, DEM, RIPDES Program
Neal Personous, DEM, Water Quality Certification Program
Phil Edwards, DEM, Fish and Wildlife



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

HAND DELIVERED

October 8, 2013

Rhode Island Department of Transportation (RIDOT)
Peter Healey, Chief Civil Engineer
Two Capitol Hill
Providence, RI 02903

PERMIT TO ALTER FRESHWATER WETLANDS

Re: Wetland Application No. 11-0099 and RIPDES Program File No. RIR 100847 in reference to the location below:

Along Centerville Road (State Route 117), from approximately 420 feet west of its intersection with Diamond Hill Road eastward to its intersection with Greenwich Avenue (Apponaug Four-Corners); Diamond Hill Road, from its intersection with Centerville Road to approximately 280 feet south of its intersection with Centerville Road; Toll Gate Road (State Route 115), from its intersection with Centerville Road to approximately 60 feet northwest of the intersection with Calef Street and Toll Gate Road; Gilbane Street, from its intersection with Centerville Road to approximately 240 feet south of Centerville Road; Meadow Street, from its intersection with Centerville Road to approximately 300 feet south and southeast of Centerville Road; Music Lane, from its intersection with Post Road to approximately 150 feet south of Post Road; Pleasant Street, from its intersection with Post Road to approximately 70 feet north of Post Road; Post Road, from its intersection with Greenwich Avenue/Centerville Road to its intersection with Water Street; Post Road (State Routes 1 and 117) between Greenwich Avenue/Centerville Road (Apponaug Four-Corners) and West Shore Road (Williams Corner); Post Road (State Route 1) between West Shore Road and the Post Road Extension; Veterans Memorial Drive between Post Road/Post Road Extension and Greenwich Avenue; and Greenwich Avenue between Veterans Memorial Drive and Centerville Road, Route 117; Existing SHL Plats 1427, 1047, 2679, 773, 2297, 1625, 2679, 2345, 2297A, 2706, 2343, 2307A; Warwick, RI.

Dear Mr. Healey:

The Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Application to Alter a Freshwater Wetland** regarding the Apponaug Circulator Long Term Improvement Project. The proposed work is to construct long-term intersection and alignment improvements to the existing Apponaug Circulator roadway system in Warwick, which includes construction/reconstruction of approximately 2.32 miles of roadway in total, as well as five intersection roundabouts; a new bridge carrying the Veterans Memorial Drive Extension over the Apponaug River; roadway drainage and stormwater management facilities; curbing, sidewalks, and pedestrian facilities, and

related landscaping measures. Also, this project includes the realigning and creation of a new stabilized open channel of a section of the Apponaug River that is currently culverted, the restoration of Hardig Pond upstream of the Upper Mill Dam, including the reconstruction of the Upper Mill Dam, and sediment removal from Gorton Pond. This work is described and detailed in the material and information submitted in support of your application and on site plans sheets 1 through 62, 64 through 66, 69 through 73, 75 through 82, and 85 through 91 of 91 received by the DEM on July 10, 2013, and sheets 63, 67, 68, 74, 83, and 84 of 91 revised for landscape additions on September 26, 2013. These site plans describing the project were made available for public comment as part of the forty-five (45) day public notice period required in accordance with the Freshwater Wetlands Act (R.I. General Laws (R.I.G.L.) Section 2-1-18 et seq.) and the procedures set forth in Rule 10.00 of the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act (Rules).

This Program received one letter relating to your application which was submitted during the public notice period. This letter noted your project's impacts to freshwater wetland values. This Program reviewed this letter together with any supporting documents and evaluated the potential impacts from the project upon the values mentioned in the letter. The Program has determined that the comments contained within this letter do not constitute an objection of a substantive nature per Rule 10.04 (C3). Therefore, a public hearing pursuant to R.I.G.L. Section 2-1-22 is not required.

Pursuant to the Program's review and evaluation of your application including all supporting information and material, as well as the record to date, the Program has determined that this project does not represent a random, unnecessary or undesirable alteration of freshwater wetlands. Therefore, this Program hereby issues this permit to alter freshwater wetlands **subject to all controlling Rules and the Terms and Conditions set forth herein.**

Permit Terms and Conditions for Application No.11-0099:

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 site plan sheets submitted with your application and received by the DEM on July 10, 2013, and on September 26, 2013. 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 on July 1, 2016 and can be renewed after this date pursuant to Rule 10.07(F) and Rule 11.02.
7. Any material utilized in this project must be clean and free of matter that 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 or the DEM issues a Notice of Completion of Work for the project.
9. Prior to any construction work on the subject site, an Environmental Scientist from the Rhode Island Department of Transportation (RIDOT) Natural Resources Unit and a representative from DEM Freshwater Wetland Program (FWP) must meet in the field to establish the location of the limit of disturbance and the extent of the American Waterwort (*Elatine americana* (Pursh) Arn.) plant population to ensure protection. An Environmental Scientist from RIDOT Natural Resources Unit must be present daily while construction activities on the subject site are underway to ensure that the American Waterwort plant population is protected during construction.
10. Prior to any construction work on the subject site, an Environmental Scientist from RIDOT Natural Resources Unit and a representative from DEM/FWP must meet in the field to establish the location of the proposed barrier in order to protect the Bloodroot (*Sanguinaria canadensis* L.) plant population. An Environmental Scientist from RIDOT Natural Resources Unit must be present daily while construction activities on the subject site are underway to ensure that the bloodroot plant population is protected during construction.
11. An environmental consultant, herein referred to as the Environmental Compliance Monitor (ECM), 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 applicant regarding compliance with this permit until such time that the project is complete or this Program issues a Notice of Completion of Work. The EMC must perform at minimum, weekly inspections in addition to an inspection being conducted within 24 hours of a precipitation event greater than 0.25 inches in a 24 hour period as recorded at T. F. Greene Airport. A RIDOT Natural Resources Unit Environmental Scientist shall be the point of contact for RIDEM for environmental compliance monitoring oversight and coordination with the ECM reporting to DEM. In addition to the weekly inspections and inspections following rain events, the EMC must be present on site at all times when work is in the vicinity of the Waterwort and Bloodroot plant populations to ensure protection during construction. The EMC must also be on site when the Apponaug River is diverted from the existing channel to the newly created channel.

12. 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.
13. In accordance with Note #2 under Job Specific Wetland Notes on sheet 5 of 91 of the approved site plans, all efforts are to be made to preserve all trees greater than 24 inches in diameter that are located within wetland areas to the maximum extent possible.
14. 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.
15. 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.
16. All construction activities involving soil disturbances within existing watercourses must be limited to the low flow period (i.e., the period from July 1 to October 31 of any calendar year). Soil disturbance in these watercourses must temporarily cease in the event of any abnormally high stormwater runoff event during the low flow period.
17. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls consisting of silt fence must be removed.
18. 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.
19. All installed trees and shrubs within wetland areas are to be guaranteed for two growing seasons. Plants that do not survive for two growing seasons must be replaced in kind and guaranteed for two additional growing seasons.
20. You are required to monitor the survival of all plants installed within all wetland areas located in the project area for at least two growing seasons after plant installations. Observations are to be made twice during the growing season – in late spring/early summer and again in late summer/early fall. Reports containing the observations are to be submitted annually to the Freshwater Wetlands Program no later than December 15 of the year being monitored. The Freshwater Wetlands Program retains the right to extend this monitoring beyond two growing years, if necessary to ensure that plants are surviving.
21. All efforts shall be made to the maximum extent possible to prevent invasive plants from becoming established within wetland areas for at least two years following the installation of landscaping plants.

22. The ECM is required to monitor fish use, particularly Alewife (*Alosa pseudoharengus*) and Blueback Herring (River Herring) (*Alosa aestivalis*) in the Apponaug River within the project area for at least three years after completion of the proposed/relocated Apponaug River Channel. Observations are to be made weekly during the period of March 1 to May 31 of any calendar year. Reports containing the observations are to be submitted annually to this Program no later than July 15 of the year being monitored. This Program retains the right to extend this monitoring beyond three years, if necessary to confirm the successful use of the new Apponaug River channel by Alewives and Blueback Herring.
23. During the downstream migration of juvenile Alewife and Blueback Herring from Little Gorton Pond through the project area including the Apponaug River (which can occur between mid August to mid November), you must ensure that all waterways passing these fish are free flowing and unobstructed at all times to fully avoid fish impingement or entrapment. Additionally, there shall be no pumping of water out of any waterway which facilitates the movement of the above noted fish during the downstream migration.
24. 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.
25. The stormwater management facilities included in this project, including catch basins, wet extended detention basin and its forebay, and bioretention shall be maintained on a timely basis in accordance with the basin maintenance notes on sheet 32 of the plans shall be strictly followed.
26. In accordance with the Rhode Island Pollutant Discharge Elimination System (RIPDES) permit (as noted below), completed Storm Water Pollution Prevention Plan (SWPPP) inspection reports must be submitted to this Program on a monthly basis for review.
27. All proposed stormwater management facilities shall be maintained in accordance with the DEM RIPDES Phase II Storm Water Management Program.

Special Condition Related to RIPDES General Permit for Storm Water Discharge Associated with Construction Activity (GP) –

Construction Activities which disturb one (1) or more acres of land and where storm water runoff is directed, via a point source, into a separate storm sewer system or into the waters of the State, are required to seek coverage under the Rhode Island Pollutant Discharge Elimination System (RIPDES) storm water permit. In accordance with Part I.D.1.a.i. of the *RIPDES General Permit for Stormwater Discharges Associated with Construction Activity (effective September 2013 (GP))*, point source discharges of storm water associated with construction activity that disturb > 1 acre are automatically authorized upon the applicant's receipt of a Freshwater Wetlands Permit. The owner/operator is required to comply with all terms and conditions of the GP to maintain authorization. This includes but is not limited to developing and maintaining a Soil Erosion and Sediment Control (SESC) Plan, performing the required inspections and maintenance of the selected Best Management Practices (BMPs), and

record keeping and retention. Further information on the requirements, or terms and conditions, of the GP are available at:

<http://www.dem.ri.gov/pubs/regs/regs/water/ripdesca.pdf>.

RIDEM strongly recommends that you obtain written assurances from contractors or subcontractors retained to undertake construction activity that they will comply with all applicable requirements of the RIPDES GP.

This Permit also constitutes your authorization from the U.S. Army Corps of Engineers ("Corps") under Section 404 of the Clean Water Act for the work proposed. Your project qualifies as a Category 2 activity under the Rhode Island General Permit (General Permit No. NAE-2011-2402), ("RI GP"). You can view this permit at http://www.nae.usace.army.mil/Regulatory/SGP/RI_PGP.pdf. **You are, therefore, not required to file a separate application with the Corps.**

Please note that the General Conditions within the RI GP apply to all activities authorized under the RI GP. Please review them carefully to thoroughly familiarize yourself with their contents. You may wish to discuss all permit conditions with your contractor to ensure that the work can be accomplished in a manner which conforms to all requirements.

Pursuant to the provisions in Rule 7.09 and 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 against you by the DEM and/or subject you to the enforcement provisions of the Corps' regulations.

In permitting the proposed alterations, the Program 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.

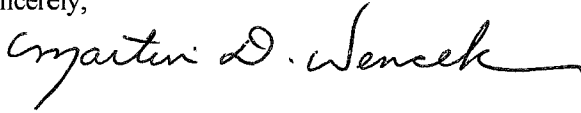
If you are aggrieved by this decision, you may, within thirty (30) days of the receipt of this letter, request an adjudicatory hearing in writing. This request must be sent directly to the DEM Administrative Adjudication Division ("AAD"), 235 Promenade Street, Providence, RI 02908. A copy of the request should also be forwarded to this Program and to the Office of Legal Services, at the same address. Your written request for an adjudicatory hearing must be timely filed and should conform to the requirements of Rule 7.00(b) of the "Administrative Rules of Practice and Procedure for the Department of Environmental Management Administrative Adjudication Division for Environmental Matters", (AAD Rules). AAD Rule 7.00(b) provides:

"The request for hearing shall state clearly and concisely the specific issues which are in dispute and the facts in support thereof, the relief sought if any, the license or permit sought or involved and any additional information required by applicable statutes and regulations."

The written request must be accompanied by an adjudicatory hearing fee of two thousand dollars (\$2,000.00); in the form of a certified bank check or money order made payable to the Rhode Island General Treasurer; however, in the event that the cost of the hearing exceeds the fee paid, the Program through the AAD will require an additional fee which the applicant must submit prior to the DEM's issuance of any final decision regarding this application. The adjudicatory hearing will be held before a Hearing Officer from the AAD. Such hearing will be held in compliance with the AAD Rules, Chapter 42-35-1 et seq. of the R.I.G.L., and other governing laws, rules, and regulations adopted by the DEM. Please note that you have the right to be represented by legal counsel in any proceeding which may be held in this matter.

If you have any questions regarding this matter, you may contact me or Daniel Kowal of the Wetland Program (telephone: 401-222-6820).

Sincerely,



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

MDW/mdw

Enclosure: Approved Site Plans

xc: Donna M. Travis, Warwick City Council President
William J. DePasquale, Warwick Planning Department
David Picozzi, Warwick Director of Public Works
Susan Cabeceiras, Warwick Wildlife and Conservation Commission
Mike Riccio, U.S. Army Corps of Engineers
Robert DeSista, U.S. Army Corps of Engineers
Todd Ravenelle, Gordon R. Archibald, Inc.
Eric Beck, RIPDES Program
Neal Personeus, Water Quality Certification Program
Phil Edwards, DEM, Fish and Wildlife