# **Robinson+Cole**

GEORGE W. WATSON III

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Also admitted in Massachusetts, Connecticut and Vermont

May 10, 2024

#### VIA HAND DELIVERY & ELECTRONIC MAIL

Kristen L. Masse EFSB Coordinator RI Energy Facility Siting Board 89 Jefferson Boulevard Warwick, RI 02888

#### RE: Docket No. SB-2021-04 – The Narragansett Electric Company Aquidneck Island Gas Reliability Project Old Mill Lane, Portsmouth, Rhode Island Responses to Record Requests (Batch 1)

Dear Kristen:

On behalf of The Narragansett Electric Company (the "Company"), I have enclosed the Company's responses to the Energy Facility Siting Board's (the "Board") Record Requests 1 through 6 and 9 from the Final Hearings in the above-referenced docket.

Thank you for your attention to this matter. If you have any questions, please contact me at (401) 709-3351.

Sincerely,

Jeon West IIA

George W. Watson III

Enclosures

cc: Docket SB-2021-04 Service List

#### Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate were electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Gladde

Heidi J. Seddon

<u>May 10, 2024</u> Date

SB-2021-04 The Narragansett Electric Company's Application for a License to Mobilize and Operate a Liquified Natural Gas (LNG) Vaporization Facility at Old Mill Lane (Portsmouth, RI)

#### Updated February 28, 2024

Name	E-mail
Ronald Gerwatowski (PUC)	Ronald.gerwatowski@puc.ri.gov;
Terry Gray (DEM)	terry.gray@dem.ri.gov;
Meredith Brady (DOA)	Meredith.Brady@doa.ri.gov;
Patricia Lucarelli (PUC)	Patricia.lucarelli@puc.ri.gov;
Kristen L. Masse (PUC)	Kristen.L.Masse@puc.ri.gov;
Suzanne Amerault (DEM)	Suzanne.amerault@dem.ri.gov;
Maria Mignanelli (DOA)	Maria.mignanelli@doa.ri.gov;
George Watson (Robinson Cole)	gwatson@rc.com;
Leticia Pimentel (Robinson Cole)	LPimentel@rc.com;
Steven Boyajian (Robinson Cole)	SBoyajian@rc.com;
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Celia O'Brien (PPL)	COBrien@pplweb.com;
Joanne Scanlon (PPL)	jscanlon@pplweb.com;
Nicholas Ucci (RIE)	NSUcci@RIEnergy.com;
Linda George (DPUC)	Linda.George@dpuc.ri.gov;
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James Crowley (CLF)	jcrowley@clf.org;
David Hill (Energy Futures Group)	dhill@energyfuturesgroup.com;
Earnest White (Energy Futures Group)	ewhite@energyfuturesgroup.com;
Jennifer West (Town Clerk, Portsmouth)	clerkoffice@portsmouthri.com;
Richard Rainer, Jr. (Town Administrator, Portsmouth)	rrainer@portsmouthri.com;
Kevin Gavin (Town Solicitor, Portsmouth)	kevingavinlaw@gmail.com;
Wendy Marshall (Town Clerk, Middletown)	wmarshall@middletownri.com;
Marisa Desautel	Marisa@desautelbrowning.com;
Terence Tierney	Tierneylaw@yahoo.com;
Teresa Monterey (Portsmouth Zoning Board)	tmonterey@portsmouthri.com;
Gareth Eames (Portsmouth Building Official)	geames@portsmouthri.com;
Charlotte Taylor (RI Historical Preservation and Heritage commission)	Charlotte.Taylor@preservation.ri.gov;
Elizabeth Totten (RI Historical Preservation and Heritage commission)	elizabeth.totten@preservation.ri.gov;
Paul Rodrigues (Portsmouth Department of Public Works)	prodrigues@portsmouthri.gov;
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Jenna Giguere (RI DEM)	Jenna.Giguere@dem.ri.gov;
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Leon Lesinski (Portsmouth Planning Commission)	llesinski@portsmouthri.com;

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Ed Sisk	ed@xlnorth.com;
Jeff Loiter	jeff.loiter@gmail.com;
Adam Fague (Statewide Planning)	Adam.fague@doa.ri.gov;

#### Record Request 1

#### Request:

When was decision made to select Old Mill Lane as the permanent long term solution and reconcile this with the statement that it was not permanent.

#### Response:

The Company first submitted an application to the Energy Facility Siting Board ("EFSB") for a license to conduct winter season LNG operations at Old Mill Lane on May 19, 2021. This application was seeking a license to continue the current LNG operations with the equipment located near the fence line; however, this application was not for the long term solution. As noted in the Siting Report dated May 2021, the project was needed "until the preferred long-term solution is identified and in service."

The Company selected Old Mill Lane as the long-term solution in early fall of 2021.

On October 1, 2021, the Company submitted a Status Report to the EFSB that detailed the selection of the property at Old Mill Lane as the site for the long term solution. (See Attachment RR-1.) The Company immediately began engineering the Project, which is designed to mitigate the impacts of the original layout that is currently in use. The application for the Project, which is the long-term solution, was submitted to the EFSB on April 1, 2022.

The Narragansett Electric Company Docket No. EFSB SB-2021-04 Attachment RR-1 Page 1 of 3

# **Robinson+Cole**

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Also admitted in Massachusetts and Connecticut

Via Hand Delivery

October 1, 2021

Emma Rodvien, Coordinator Energy Facility Siting Board 89 Jefferson Boulevard Warwick, RI 02888

Re: The Narragansett Electric Company (Portable LNG Vaporization Project Old Mill Lane, Portsmouth, RI) EFSB Docket No. SB-2021-04 Monthly Report of The Narragansett Electric Company Regarding Status of The Supplemental Application

Dear Ms. Rodvien:

I am enclosing for filing on behalf of The Narragansett Electric Company an original and seven (7) copies of the Monthly Report of The Narragansett Electric Company Regarding Status of The Supplemental Application as required by the Energy Facility Siting Board's Order No. 150.

Very truly yours,

George W. Watson III

Enclosure

Copy to: Docket SB-2021-04 Service List (by electronic mail)

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Robinson & Cole LLP

#### STATE OF RHODE ISLAND ENERGY FACILITY SITING BOARD

In re: The Narragansett Electric Company	:	
(Portable LNG Vaporization Project	:	Docket No. SB-2021-04
Portsmouth, Rhode Island)	:	

#### MONTHLY REPORT OF THE NARRAGANSETT ELECTRIC COMPANY REGARDING STATUS OF THE SUPPLEMENTAL APPLICATION (OCTOBER 1, 2021)

This report of The Narragansett Electric Company (the "Company") is filed with the Rhode Island Energy Facility Siting Board ("EFSB") in response to the EFSB's Order No. 150 dated September 17, 2021 in the above referenced docket which requires the Company to "…provide monthly reports describing the progress and status of the Company's initiative to complete all that is needed to file the supplemental application."

Progress Made:

1. Identification of Long-Term Solution.

The Company has progressed its analysis of the preferred long-term solution and has identified the seasonal and temporary operation of LNG at Old Mill Lane as a recommended solution for addressing the capacity constraint and capacity vulnerability needs on Aquidneck Island. The Company carefully examined several other alternatives, but its current assessment is that the alternatives are substantially more expensive, may require significant infrastructure investments, and do not offer the operational advantages provided by Old Mill Lane. The Company will provide the EFSB and the parties with a full analysis of its selection in the supplemental application to be submitted no later than April 4. The Company's supplemental application for the continued use of Old Mill Lane will also explore a revised site design and layout in an effort to mitigate the visual and noise impacts from the seasonal operation of portable LNG equipment at the site.

2. Status of Pending Items.

The Company will be meeting with stakeholders over the next month to explain its recommendation and it looks forward to presenting its supplemental application to the EFSB in early 2022.

The Company's preference of Old Mill Lane means that some of the analysis included in the present application will only require minor modifications. However, the Company is currently focused on the following issues related to the proposed new site design and the additional analyses requested by the EFSB to be included in the supplemental application:

• Continued study of noise impacts and mitigation with third-party consultant;

- Evaluation of visual mitigation, including bidding and procurement of perimeter wall/fence;
- Developing proposals for offering to purchase properties within the vicinity of the Old Mill Lane;
- Assessing methods of fugitive leak detection and monitoring;
- Evaluating any changes to public safety impacts from proposed new layout;
- Greenhouse gas analysis of Old Mill Lane and alternatives;
- Civil engineering and stormwater design;
- Revised environmental impact and permitting analyses of proposed new layout; and
- Estimating costs of potential new layouts and additional mitigation measures.

The Company will file its next status update on or before October 15, 2021.

#### Record Request 2

#### Request:

Who from the Company discussed renewal of the lease for the property? Please provide copies of letters and communication denying use of Navy property and indicate when these occurred?

#### Response:

Although discussions regarding the lease agreement have included various Company departments, it primarily has involved Rhode Island Energy External Affairs (Jacques Afonso and Brian Schuster) and Cornelia Mueller (Navy, Community Planning Liaison Officer), starting in early 2019.

On March 1, 2019, the Company met with the Navy to discuss modifying the existing lease and operating agreement, which limits the Company to use the property solely for peak shaving. Draft meeting notes were captured via email by Steve Greco (National Grid Director Pressure Regulation). Please see Attachment RR 2-1. The email lists both Navy and Company attendees.

Following the March 1, 2019 meeting, the Company focused on amending the existing lease and operating agreement. On September 3, 2019, the request to modify the existing lease was denied by the Navy. Please see Attachment RR 2-2. Later in 2019, the Navy verbally indicated that they would not be renewing the lease agreement2, which expires in 2026. In 2023, it was discovered that the new headquarters for the NOAA Marine Operations Center-Atlantic was moving to Naval Station Newport and its construction would utilize the Company's leased property, which would ultimately be used by the Coast Guard.

Although denial for renewing the lease was verbal, there is an email between the Company and the Navy dated August 3, 2021, which indicates that the Navy is interested in terminating the lease early. Please see Attachment RR 2-3.

The Navy has indicated it can provide a formal written indication that the lease will not be renewed.

### Seddon, Heidi

From: Sent: To: Subject: Jacques Afonso (RI Energy) <JRAfonso@rienergy.com> Thursday, May 9, 2024 9:33 AM Afonso, Jacques R FW: Old Mill Lane & Naval Base Update

From: Greco, Stephen P. <Stephen.Greco@nationalgrid.com>
Sent: Friday, March 1, 2019 3:07 PM
To: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com>; Schuster, Brian E. <Brian.Schuster@nationalgrid.com>
Subject: Old Mill Lane & Naval Base Update

Here are my minutes from today's meeting. Please review, correct, and send back to me for archival.

Attendees: Commander Steve Lepper US Navy, Brian Schuster, Dan Sullivan US Navy - Facilities Development Head, Jim Carlson – US Navy – spoke about existing Operating Agreement, Zacques Afonso, Mike Di NEzza – Real Estate, Cornelis Mueller – community planning officer, Bill Norton – US Navy – Head of Security, Kathy Sullivan – LNG Ops, Steve Greco, Jay Costa

Attended via phone: Tom Smith, Pat Wong

Key Points:

- Amending the existing lease will be the next step. The amended lease will clarify the number of truck/transport
  units that might be needed on a daily basis and will clarify that National Grid is not proposing to add permanent
  storage to the facility. (an LNG tank)
- The current vetting process is to remain in place to allow employees and contractors to access the base. This requires filling out a form and submitting the info to the Navy for background checking.
- Gate 17 is not open during nights and weekends but if emergency operations require lng transports to access the site, we are to contact US Navy Security for assistance in opening Gate 17
- National Grid can proceed to perform maintenance and repairs to the existing equipment using "vetted" personnel immediately. They also indicated that they would allow us to bring in and LNG transport and test the equipment.

- The Navy is open to National Grid filing a request to renew the current lease in the near future, and encourages National Grid to begin this process early as it will move slowly. It requires approval from Virginia.
- The Navy will work out a process to address unvetted contractors' personnel during emergencies.
- The meeting at the Naval Base went well. We met with the chief of security and he was supportive.
- The legal team will need to modify the existing lease and start the process of making the transition from winter peak shaving operation to 365 day operation.
- In the meeting, I leaned that the Company had a Operating Agreement filed with the Navy to address maintenance and operations issues that fall outside of the lease. Jacques Afonso will locate the document.
- The ISS visits (Admiral) occur every 2 years and are scheduled. In an emergency, there can be site access during the ISS visit, however, this requires assistance from the head of Naval security, Bill Norton. We should try to avoid doing this. The schedule can be obtained from Cornelius Mueller. (check spelling).
- Bill Norton was very much on board with helping National Grid work out the process and mentioned that some of his personnel were affected by the recent gas outage on Aquidneck.

Steve Greco, P.E. Director Pressure Regulation, LNG & CNG Assets 917 418 1238

The Narragansett Electric Company Docket No. SB-2021-04 Attachment RR 2-2 Page 1 of 1

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# DEPARTMENT OF THE NAVY

NAVAL STATION NEWPORT 600 PEARY STREET NEWPORT, RHODE ISLAND 82841-1622

> 11000 Ser PRR12/448 SEP 0 3 2019

Lep 2019

Mr. Jacques Afonso National Grid Manager, Community & Customer Management, RI 280 Melrose Street Providence, RI 02907

#### SUBJECT: LEASE MODIFICATION REQUEST

I have reviewed your proposed amendment to the operating agreement and modification to the lease for the LNG facility at Naval Station Newport. At this time I cannot commit to the proposed modifications to the lease contract and signed operating agreement, but I remain fully committed to their original provisions. It is my intention to continue to remain fully engaged with National Grid to navigate any challenges that arise, particularly during times of emergency "Critical Operations" or other major events that could potentially result in the loss of gas service to Aquidneck Island.

Your letter of October 17, 2018 also requested Navy participation in discussions to extend the lease and operating agreement beyond 2026. Please engage with my staff on issues related to possible extension.

My point of contact on this issue is Ms. Cornelia Mueller at (401) 841-7629.

Sincerely,

I. L. JOHNSON Captain, U.S. Navy Commanding Officer

#### Seddon, Heidi

From: Sent: To: Subject: Jacques Afonso (RI Energy) <JRAfonso@rienergy.com> Tuesday, April 23, 2024 8:32 PM Afonso, Jacques R FW: EXT || LNG Lease Exit Requirements

-----Original Message-----From: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Sent: Thursday, April 14, 2022 1:09 PM To: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Subject: RE: EXT || LNG Lease Exit Requirements

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I just looked at this and I have a meeting with the captain at the same time. I don't necessarily need to be at the meeting. Has anyone accepted the invite from the Navy side?

V/r, Cornelia

Cornelia Mueller Community Planning Liaison Officer Naval Station Newport 1 Simonpietri Drive Newport, RI 02841 401-330-6355

NEW EMAIL cornelia.a.mueller.civ@us.navy.mil

-----Original Message-----From: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Sent: Wednesday, April 13, 2022 4:20 PM To: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Subject: [Non-DoD Source] RE: EXT || LNG Lease Exit Requirements

Hi Cornelia, I just sent a meeting invite for this Friday with those you listed/cc'd below. Regards, Jacques

-----Original Message-----From: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Sent: Thursday, March 24, 2022 2:29 PM To: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Cc: Carlson, James F CIV USN NAVFAC MIDLANT NOR (USA) <james.f.carlson1.civ@us.navy.mil>; Bettencourt, Amanda I CIV USN NAVFAC MIDLANT NOR (USA) <amanda.i.bettencourt.civ@us.navy.mil>; Vachon, Christopher (Chris) CIV USN NAVFAC MIDLANT NOR (USA) <christopher.vachon.civ@us.navy.mil>; Queripal, Brian J CIV USN NAVFAC MIDLANT NOR (USA) <br/>varian.j.queripal.civ@us.navy.mil>; Galenski, Brian J CIV USN NAVFAC MIDLANT NOR (USA) <brian.j.galenski.civ@us.navy.mil>; Simmons, Brian D CIV USN NAVFAC MIDLANT NOR (USA) <brian.d.simmons24.civ@us.navy.mil> Subject: RE: EXT || LNG Lease Exit Requirements

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Jacques,

I have cc'd individuals who should either attend or will know who should attend.

V/r, Cornelia

Cornelia Mueller Community Planning Liaison Officer Naval Station Newport 1 Simonpietri Drive Newport, RI 02841 401-330-6355

NEW EMAIL cornelia.a.mueller.civ@us.navy.mil

-----Original Message-----From: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Sent: Thursday, March 24, 2022 1:44 PM To: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Subject: [URL Verdict: Neutral][Non-DoD Source] RE: EXT || LNG Lease Exit Requirements

Hi Cornelia, Can we setup a call to discuss the LNG Leased property and turning off the electric and gas? Please let me know who should be on the call. Hope all is well. Regards, Jacques

Jacques R Afonso Manager, Community & Customer Management, RI nationalgrid 280 Melrose Street Providence, RI 02907 Office:401-784-4320 Mobile:401-447-5789 E-mail:Jacques.Afonso@nationalgrid.com

-----Original Message-----From: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Sent: Thursday, March 3, 2022 2:10 PM To: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Subject: RE: EXT || LNG Lease Exit Requirements

I sent an email out. I suggested an hour meeting in two weeks between you and us to coordinate. I also sent out a separate email regarding our need to use the space.

V/r, Cornelia Cornelia Mueller Community Planning Liaison Officer Naval Station Newport 1 Simonpietri Drive Newport, RI 02841 401-330-6355

NEW EMAIL cornelia.a.mueller.civ@us.navy.mil

-----Original Message-----

From: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Sent: Thursday, March 3, 2022 10:01 AM To: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Subject: [Non-DoD Source] RE: EXT || LNG Lease Exit Requirements

Hi Cornelia,

I just wanted to get the conversation going again regarding the LNG leased property. The previous email below was the last time we had talked about it.

I just spoke with the LNG gas ops supervisor about the NGRID LNG site and want to share the following update.

This Spring (approx. April 2022): Turn off gas and electric to site.

- Operations wants to turn off the gas to the NGRID leased property. This involves us turning off a curve valve and then purging the gas line of gas.

- The team might also want to turn off the electricity to the site. More to come on this.

- QUESTION - With turning off both electric and gas, do we need to coordinate with Navy Security or Fire Dept? I believe we have sensors/alarms at the property and we want to make sure we coordinate with the appropriate Navy personnel.

Next Year (2023) - fully close/remove equipment from the site.

- Based on our last email below, the team will be putting together a plan and will send it to the Navy.

- Is the Navy still interested in gaining access to the property earlier?

The 2023 date is not definite but if the Navy has interest and our budget/constr schedule aligns, we might have an opportunity. Please note this is just me thinking out loud. I would still need to review with others and get proper approval.

I hope all is well.

Regards, Jacques

Jacques R Afonso Manager, Community & Customer Management, RI nationalgrid 280 Melrose Street Providence, RI 02907 Office:401-784-4320 Mobile:401-447-5789 E-mail:Jacques.Afonso@nationalgrid.com

-----Original Message-----From: Mueller, Cornelia A CIV USN NAVFAC MIDLANT NOR (USA) <cornelia.a.mueller.civ@us.navy.mil> Sent: Tuesday, August 3, 2021 10:44 AM To: Afonso, Jacques R. <Jacques.Afonso@nationalgrid.com> Subject: EXT || LNG Lease Exit Requirements

Hi Jacques,

In response to your query regarding NG actions to be taken to close down the LNG facility at the Piers, the PWD requests you follow terms of your lease, ensure the site is safe for Navy use, and the fence around the facility is demolished.

The PWD is considering sending a letter to NG to terminate the lease (early) or do you plan on sending any formal correspondence? The Navy goal is to obtain full use of the area without violating the lease. I have not discussed this with any Navy real estate experts so it is just informal between you and I at this point.

It seems that NG would not have issue if we were to ask if we could terminate? In fact, it looks like NG is interested in terminating sooner than the expiration deadline?

Vr,

Cornelia

Cornelia Mueller Community Planning Liaison Officer Naval Station Newport 1 Simonpietri Drive Newport, RI 02841 401-330-6355

I have been converted to Flankspeed My new email address is cornelia.a.mueller.civ@us.navy.mil

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8GlwVhZXGlb0%2F0FA5QgklboQS%2BV80%2Faxtok%3D&reserved=0> or our US Contacts

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#### Record Request 3

#### Request:

Did you use a different depreciation rate in the PUC docket? If not, can you provide a calculation of the impact on ratepayers.

#### Response:

Regardless of the estimated useful life of equipment purchased for use at Old Mill Lane, the depreciation rate would be the same depreciation rate used by the Company in RIPUC Docket No. 22-42-NG. Please see the Company's response to Division 3-3 in RIPUC Docket No. 22-42-NG, provided as Attachment RR-3, which describes the depreciation rate used in calculating the revenue requirement and bill impacts in that docket.

The Narragansett Electric Company Docket No. SB-2021-04 Attachment RR-3 Page 1 of 1

The Narragansett Electric Company RIPUC Docket No. 22-42-NG In Re: The Issuance of Advisory Opinion to the Energy Facility Siting Board Regarding The Narragansett Electric Company Application to Construct and LNG Vaporization Facility on Old Mill Lane, Portsmouth, Rhode Island Responses to the Division's Third Set of Data Requests Issued on March 17, 2023

#### Division 3-3

#### Request:

Re: Witness Brigg's Direct Testimony at page 5, lines 14-15. Please identify the estimated useful life for the Aquidneck Island LNG Project that was used in computing bill impacts and identify the projected salvage value of LNG vaporization equipment at the end of the period that the LNG vaporization equipment is expected to be operated on Aquidneck Island.

#### Response:

The revenue requirement and associated bill impacts presented in Witness Briggs' testimony is for the Old Mill Lane site work project and for calculation of the revenue requirement and bill impacts, it was assumed to be recovered through the Gas ISR plan until the next base distribution rate case. The revenue requirement in the annual Gas ISR plan uses a Composite Book Depreciation Rate approved in the Company's last base distribution rate case (RIPUC Docket No. 4770, which was effective September 1, 2018) based on the depreciation study in that case, which included a projection of net salvage value. If the Old Mill Lane site work is placed in service prior to the next base distribution rate case, the assets will be included in rate base and the depreciation expense will be based on the approved depreciation rates (including net salvage value) in that filing for the applicable plant accounts.

#### Record Request 4

#### Request:

Please explain what the impacts would be, i.e. – permanent loss of habitat/ permanent wetlands alterations/ permanent loss of wetlands functions/ permanent loss of wetland values to supplement the statement that "construction will include temporary and permanent impacts to wetland resources but has been designed in a manner that minimizes impacts to the maximum extent feasible." at page 28 of April 1, 2022 Siting Report.

#### Response:

The Project will permanently impact approximately 8,485 square feet ("SF") (0.19 acres) of biological wetland and approximately 32,710 SF (0.75 acres) of Perimeter Wetland. The Project footprint was reduced subsequent to the original design following direction from the RIDEM Freshwater Wetland Program, which resulted in an approximately 50 percent reduction in biological wetland impact.

### Record Request 5

#### Request:

Please provide information about what the in-situ mitigation will include, when it will be undertaken, when it will be complete, and how the company will measure success of the mitigation as indicated to supplement the statement that "Temporary impacts will be mitigated in-situ after concluding civil construction." at page 28 of April 1, 2022 Siting Report.

#### Response:

Mitigation measures that have been incorporated into the project design include the following:

- 1. Use of native woody and nonwoody plantings to soften the Project transition at the proposed wet basin to not only uptake and retain nutrients and pollutants but to return a measure of wildlife habitat and aesthetic value.
- 2. Implementation of a Soil Erosion and Sediment Control Plan ("SESC") prepared specifically for the Project to specify and outline best management practices for soil erosion and sediment control during construction activities, in conformance with the Rhode Island Pollutant Discharge Elimination System Construction General Permit, RI Stormwater Rules, and RISESC Handbook.
- 3. Use of stormwater Best Management Practices to manage and treat storm flows to protect water quality and adjacent wetlands.
- 4. Avoided using impervious drive surfaces and instead uses a permeable drive surface to encourage infiltration.
- 5. Retention of a woody fringe along the west and south sides of the Project site, along the marsh.
- 6. Use of noise attenuation barriers on three sides of the area that will house the glycol vaporizers.

The measures will be incorporated into the project design and the start time is contingent on the issuance of the project permits. Those areas of wetland within the project proposed limit of disturbance, which occur beyond those hard features associated with the design, are only needed for construction of the facility. Once construction is completed, these wetlands areas would be restored in kind by restoring original grade, installing wetland topsoil where needed, reseeding with a native wetland seed mix, and then mulching with straw or cellulose mulch to stabilize the

#### Record Request 5, Page 2

soils as appropriate to return such areas to pre-construction conditions. Temporary sedimentation control devices shall be removed following the stabilization of disturbed areas (disturbed soils are considered stabilized when they achieve a minimum of 75 percent vegetative cover).

During the construction and restoration phases, an Environmental Monitor will be retained to perform periodic inspections. The primary responsibility of the Environmental Monitor will be to oversee mobilization and operation activities, including the installation and maintenance of erosion and sediment controls, on a routine basis to ensure compliance with federal and state permit requirements and the Company's policies. The Environmental Monitor will be a trained environmental scientist responsible for supervising mobilization activities relative to environmental issues. The Environmental Monitor will be experienced in the erosion control techniques described on the Project plans and in the SESC Plan and will have an understanding of freshwater wetlands regulation and protection.

During periods of prolonged precipitation, and as stipulated in the SESC Plan, the monitor will inspect all locations to confirm that the environmental controls are functioning properly. In addition to retaining the services of an Environmental Monitor, the contractor will be required to designate an individual to be responsible for the daily inspection and upkeep of environmental controls. This person will also be responsible for providing direction to the other members of the crew regarding matters of wetland access and appropriate work methods. Additionally, all Project personnel will be briefed on Project environmental compliance issues and obligations prior to the start of mobilization. Regular project progress meetings will provide the opportunity to reinforce the contractor's awareness of these issues.

#### Record Request 6

### Request:

Please provide information about what the compensatory mitigation will include, when it will be undertaken, when it will be complete, and how the company will measure success of the mitigation to supplement the statement "Where permanent wetland impacts cannot be avoided, TNEC is prepared to provide compensatory mitigation, as required for United States Army Corps of Engineers (USACE) and RIDEM permitting." at page. 28-29 of April 1, 2022 Siting Report.

### Response:

The Company acknowledges the permanent wetland displacements ( $\pm 0.19$  total acres of biological wetland) required for the Project and proposes to provide compensatory mitigation measures in addition to those measures incorporated into the Project design. The opportunity to provide mitigation in the form of creating new wetlands immediately adjacent to the proposed impact areas is limited, given that most remaining portions of the property currently exist as wetland. Consequently, the Company proposes offset mitigation, comprising measures that are removed from the Project site and that are not "in-kind" replacements of the wetland to be displaced, but that are expected to provide direct wetland-related benefits none-the-less, as described below.

#### Wetland Restoration/Enhancement on AP 68, Lot 74 Portsmouth

The westernmost portion of the on-site impacted Wetland 1, west of Little Creek and on the Project property, exists as maintained lawn underlain by hydric soils. Field delineation of the wetland edge (Flags 1-200 through 1-213) was based on the presence of hydric soils and subsurface hydrologic indicators, and aerial imagery indicates that the area formerly existed in a field cover type. The Company proposes to enhance this area by ceasing all mowing activities and planting a native assemblage of trees, shrubs, and non-woody vegetation, as depicted on Plan Sheet 9 of 10. The species selected were based on those observed and recorded for the adjacent wetland. The area will be slice seeded with a native, herbaceous, New England wetland seed mix, planted with the woody species specified on the planting plan, demarcated with a cedar split-rail fence or similar, and left to naturalize. The proposed area of restoration/enhancement will be  $\pm 24,000$  square feet ( $\pm 0.55$  acres) and will be located within the same wetland as the proposed Project impact areas. See Attachment RR 6-1 - Old Mill Lane Wetland Mitigation/Enhancement Plan last dated November 15, 2023.

As noted in the Company's response to Record Request 5, the measures will be incorporated into the project design and the start time is contingent on the issuance of the project permits. The

### Record Request 6, Page 2

Wetland Restoration/Enhancement Area plantings would be expected to be completed at the beginning of the Project construction and would be monitored throughout the expected multi-year construction and restoration phases of the Project. Observations of both natural succession and planting survivorship will be noted and where planting mortality occurs, the Project will replace those plant materials within a two-year period of their installation. Survivorship of the planted materials for the multi-year construction and restoration phases of the project would be considered successful reestablishment of native wetland plants.

#### Land Preservation at the Jepson Substation Site AP 111, Lot 49 Middletown

Remote to the Project property, the Company proposes to preserve  $\pm 7.33$  acres behind the new Jepson Substation on Jepson Lane in Middletown. The proposed preservation site is located in Middletown between the new Jepson Substation at 451 Jepson Lane west to a residential subdivision (Pasture Farm Drive). See Attachment RR 6-2 - Figure 9-2. One parcel comprises the site, identified as AP 111, Lot 49 in Middletown. As partial offset mitigation for the Project, the Company will enter into the necessary legal agreements to preserve the property as conservation land.

## SEEDING NOTES

NEW ENGLAND WETMIX TO BE USED WITHIN FLAGGED WETLAND AND INSTALLED VIA SLICE SEEDING.

FROM NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MASSACHUSETTS

SEEDING: ALWAYS APPLY ON CLEAN BARE SOIL. THE WETLAND SEEDS IN THIS MIX CAN BE HAND SOWN, USED WITH A HAND-HELD SPREADER, OR HYDRO-SEEDED ON LARGE OR HARD TO REACH SITES, AS LONG AS THERE IS NO PERMANENT SNOW COVER. LIGHTLY RAKE TO ENSURE PROPER SOIL-SEED CONTACT. SEEDING CAN TAKE PLACE ON FROZEN SOIL, AS THE FREEZING, THAWING WEATHER OF LATE FALL AND LATE WINTER WILL WORK THE SEED INTO THE SOIL. IF SPRING CONDITIONS ARE DRIER THAN USUAL, WATERING MAY BE REQUIRED. IF PLANTING DURING THE SUMMER MONTHS, WATERING MAY BE REQUIRED FOR AT LEAST 2-3 WEEKS AFTER PLANTING TO ENSURE GERMINATION. A NON-INVASIVE ANNUAL SUCH AS WINTER RYE MAY BE ADDED TO THE MIX TO OBTAIN SOIL STABILIZATION COVER IN THE FALL. DO NOT ADD ANNUAL RYEGRASS, KENTUCKY BLUEGRASS OR PERENNIAL RYEGRASS AS THESE SPECIES ARE VERY AGGRESSIVE AND THEY WILL INHIBIT THE GROWTH OF THE WETLAND SEEDS. A LIGHT MULCH OF CLEAN, WEED FREE STRAW IS RECOMMENDED. NOTE: SEEDS WILL NOT GERMINATE UNDER INUNDATED CONDITIONS. NOT ALL SPECIES WILL GROW IN ALL WETLAND SITUATIONS.

APPLICATION RATE: 1 LB/2500 SQ. FT.

TYPICAL SPECIES: FOX SEDGE (CAREX VULPINOIDEA), SALLOW SEDGE (CAREX LURIDA), BROOM SEDGE (CAREX SCOPARIA), SENSITIVE FERN (ONOCLEA SENSIBILIS), BLUE VERVAIN(VERBENA HASTATA), HOP SEDGE (CAREX LUPULINA), DARK-GREEN BULRUSH (SCIRPUS ATROVIRENS), NODDING BUR-MARIGOLD (BIDENS CERNUA), BRISTLY SEDGE (CAREX COMOSA), FRINGED SEDGE (CAREX CRINITA), TALL MANNAGRASS (GLYCERIA GRANDIS), WOOL-GRASS (SCIRPUS CYPERINUS), SOFT RUSH (JUNCUS EFFUSUS), SPOTTED JOE-PYE-WEED (EUTROCHIUM MACULATUM), BONESET (EUPATORIUM PERFOLIATUM), AMERICAN WATER-PLANTAIN (ALISMA SUBCORDATUM), NEW ENGLAND ASTER (SYMPHYOTRICHUM NOVAE-ANGLIAE), RATTLESNAKE MANNAGRASS (GLYCERIA CANADENSIS), PURPLE-STEM ASTER (SYMPHYOTRICHUM PUNICEUM), SOFT-STEMMED BULRUSH (SCHOENOPLECTUS TABERNAEMONTANI), BLUEFLAG (IRIS VERSICOLOR), SWAMP MILKWEED (ASCLEPIAS INCARNATA), AND ALLEGHENY MONKEY-FLOWER (MIMULUS RINGENS).

2. SEED MIX TO BE USED IN THE 50-FOOT PERIMETER WETLAND WILL BE COMPRISED OF A NATIVE POLLINATOR MIX.

# **Recommended Pollinator Habitat Seed Mix Table**

Common name	Scientific name	Percent composition
Little Bluestem	Schizachyrium scoparium	35.0%
Sundial Lupine	Lupinus perennis	15.0%
Partridge Pea	Chamaecrista fasciculata	15.0%
Round-head Bush Clover	Lespedeza capitata	11.0%
Wild Bergamot	Monarda fistulosa	10.0%
Butterfly Milkweed	Asclepias tuberosa	10.0%
Hyssop-leaved Thoroughwort	Eupatorium hyssopifolium	1.1%
Showy Goldenrod	Solidago speciosa,	1.0%
Gray Goldenrod	Solidago nemoralis	1.0%
Blue Wood (Heartleaf) Aster	Symphyotrichum cordifolium	0.5%
False Indigo	Baptisia tinctoria	0.2%
New York Ironweed	Vernonia noveboracensis	0.2%

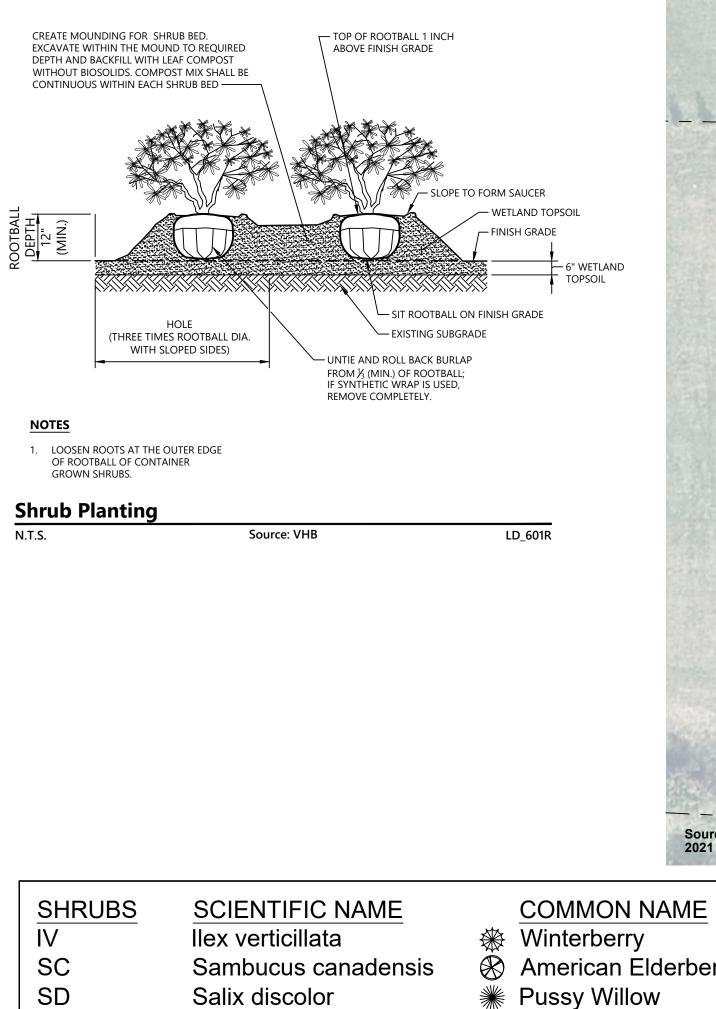
APPLY POLLINATOR MIX AT 5LBS/ACRE.

SA

AR

TREES

NOTE: THIS MIX MAY BE VARIED BASED ON SEED AVAILABILITY. THE ADDITION OF OTHER NATIVE SPECIES, INCLUDING GRASSES IS ENCOURAGED. THE MIX SHALL PRODUCE A HIGH QUALITY PERENNIAL MIX THAT IS HIGHLY ATTRACTIVE TO POLLINATORS. USE SLICE SEEDING TO INSTALL THE SEED.



Swida amomum

Acer rubrum

SCIENTIFIC NAME

$\otimes$	Winterberry
Ś	American Elderberry
₩	Pussy Willow
Ö	Silky Dogwood

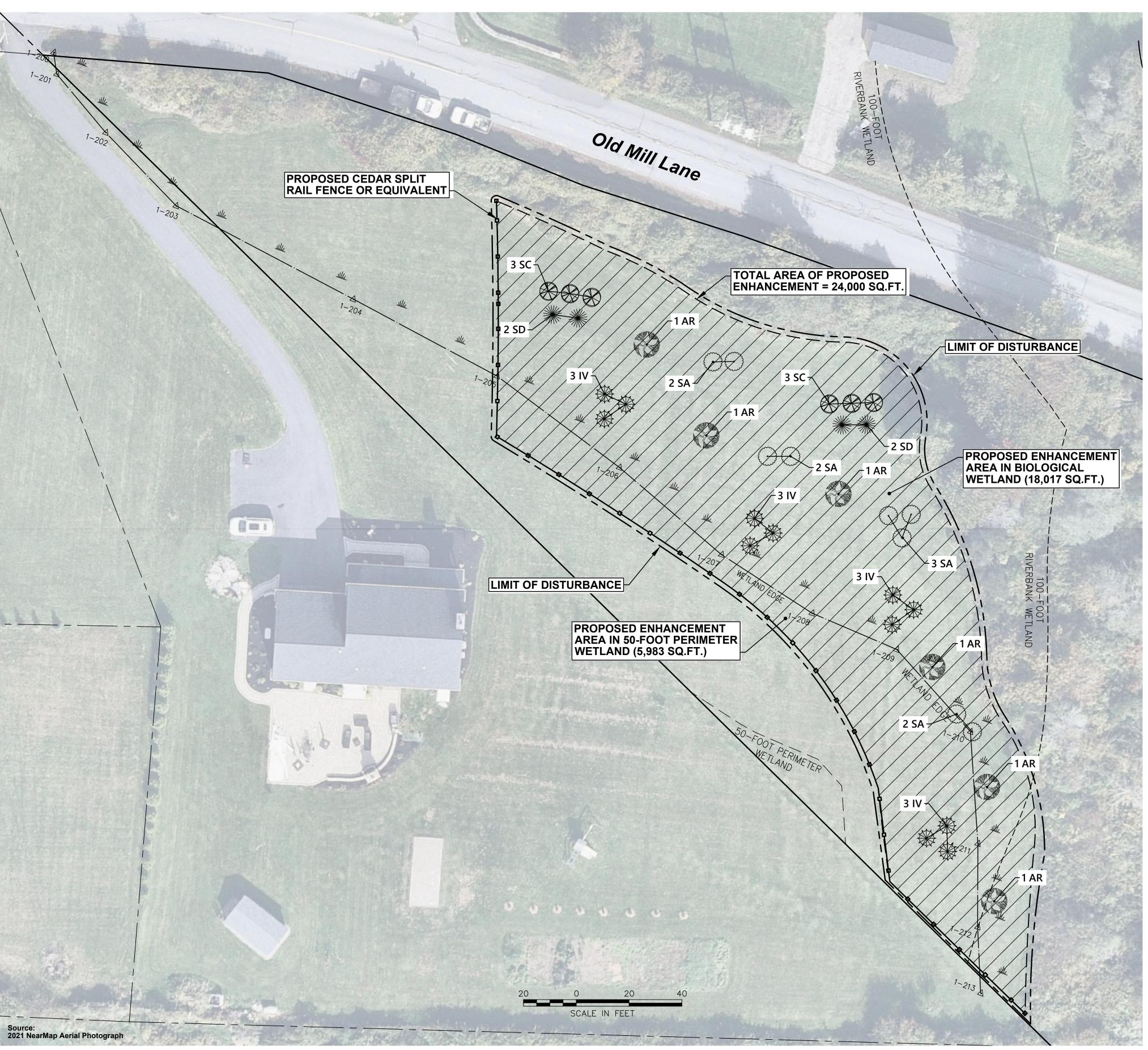
COMMON NAME

Red Maple

1-20

SIZE

3' Height



SIZE 2 - 3' Height 2 - 3' Height 2 - 3' Height 2 - 3' Height QUANTITY 12 9

 $\triangle$ 

Legend Verified Wetland Flag Verified Wetland Edge 50' Perimeter Wetland ----- 100' Riverbank Wetland

Proposed Enhancement Area Proposed Cedar Split Rail Fence or Equivalent Proposed Limit of Disturbance

QUANTITY 6



1 Cedar Street Suite 400 Providence, RI 02903 401.272.8100

# Old Mill Lane Wetland Mitigation/Enhancement Plan

Old Mill Lane Portsmouth, Rhode Island

No.	Revision	Date	Appvd.
1	RESPONSE TO RIDEM'S DEC. 12, 2022 COM	IMENTS	09-29-2023
2	RIDEM COMMENT RESPONSE		11-15-2023
Design	ed by	Checked by	
Issued	for	Date	

6-22-2022 **RIDEM Application to** Alter Freshwater Wetlands

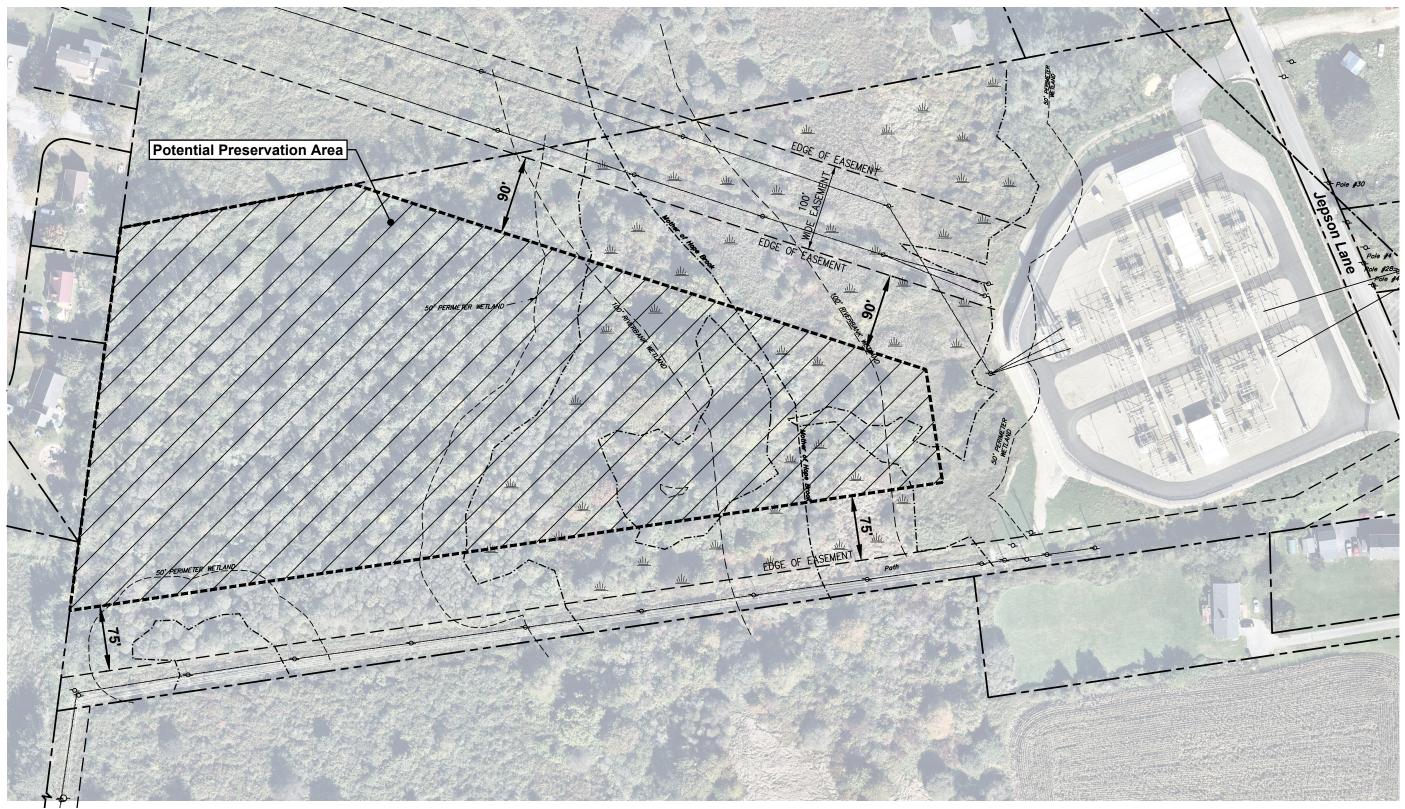
**Planting Plan** 

Drawing Number

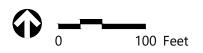


Project Number 73195.00





Source: 2021 NearMap Aerial Photograph



#### POTENTIAL PRESERVATION AREA

TOTAL AREA	319,222 SQ.FT
UPLAND AREA	187,739 SQ.FT
FLAGGED WETLAND AREA	79,057 SQ.FT
50-FOOT PERIMETER WETLAND/ 100-FOOT RIVERBANK WETLAND AREA	52,426 SQ.FT

\*ALL AREAS ARE APPROXIMATE

The Narragansett Electric Company Docket No. SB 2021-04 Attachment RR 6-2 Page 1 of 1



Jepson Lane Potential Preservation Area **Figure 9-2** The Narragansett Electric Company Aquidneck Island Gas Reliability Project Old Mill Lane Portsmouth, RI

#### Record Request 9

#### Request:

Please review the Company's energy efficiency programs over the last five years to determine whether the public utilities commission has approved any electric or gas energy efficiency programs (i.e., individual residential or commercial programs) that had a BCR of less than 1 (excluding economic benefits). Please also review the same to determine whether any individual programs were higher than the cost of supply.

#### Response:

The Company reviewed the annual energy efficiency plans for each of the last five years (2020 through2024) and did not identify any programs that had a BCR of less than 1. Note that prior to 2022, economic benefits were not excluded in the BCR calculation. For 2022 through2024, economic benefits were excluded in the BCR calculation.