



JAMES J. GEREMIA & ASSOCIATES, INC.
CONSULTING ENVIRONMENTAL ENGINEERS & SCIENTISTS

January 2, 2025

Mr. Richard Lucia, P.E.
Environmental Engineer IV
Coastal Resources Management Council
Stedman Government Center, Suite 3
4808 Tower Hill Road
Wakefield, RI 02879-1900

Re: Town of New Shoreham – Landfill Revetment Project

Dear Mr. Lucia:

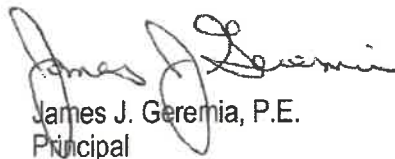
The Town of New Shoreham has committed to continually fund the Landfill Revetment Project. Each year, as part of the budgetary process, the Town sets aside funds for the maintaining of the revetment and ultimate relocation of the landfill as required by CRMC. Unfortunately, during the time of CRMC's approval and the project was completed in 2019 the Town has undergone a number of Town Manager changes and a finalized plan has not been formalized. However, the Town is fully aware of their commitment and requirements under the CRMC approval process. If the shoreline recedes 45-feet in the next fifteen years (2034) from the time of the completed project (2019), the Town has agreed to relocate the landfill 50-feet landward to restore proper access between the south and north ends of the shoreline. It is also understood that during the excavation and relocation process all excavated material will be removed off-island for proper disposal.

The Town utilizes aerial photogrammetrics as the monitoring points to establish shoreline regression.

At the conclusion of the initial project, the landfill was capped in accordance with RIDEM requirements and all data was submitted to RIDEM-Waste Management Office for their final review. At that time there was no further action required by the Town as a result of the landfill closure.

We hope this addresses your concerns and allows CRMC to move forward to continue our revetment maintenance project.

Very truly yours,



James J. Geremia, P.E.
Principal

cc: Amy Land, Acting Town Manager
Robert Fairbanks
Mike Shea

Z:\Clerical\My Documents\B\Landfill Revetment 2024 application\CORRESPONDENCE\CRMC (01).docx

rlucia@crmc.ri.gov

From: rfairbanks fairbankseng.com <rfairbanks@fairbankseng.com>
Sent: Thursday, January 2, 2025 2:29 PM
To: rlucia@crmc.ri.gov
Cc: Jim Geremia; CRMC Staff; aland@newshorehamri.gov; mshea@newshorehamri.gov
Subject: Re: Block Island Landfill Revetment Repairs Application
Attachments: RL CRMC.pdf

Rich,

As requested, attached please find the answers to your questions. Let me or Jim know if you have questions. Sorry I didn't list the application number but the website is still down and I couldn't look it up.

Bob

Robert W. Fairbanks, P.E.
401-294-3484 Office
401-474-2361 Cell

From: rlucia@crmc.ri.gov <rlucia@crmc.ri.gov>
Sent: Monday, December 23, 2024 11:06 AM
To: rfairbanks fairbankseng.com <rfairbanks@fairbankseng.com>
Subject: RE: Block Island Landfill Revetment Application

Bob, this might have slipped through the cracks...looking for a response to this email of 10/17/2024..and Merry Christmas!
Rich

From: rlucia@crmc.ri.gov <rlucia@crmc.ri.gov>
Sent: Thursday, October 17, 2024 12:12 PM
To: 'rfairbanks fairbankseng.com' <rfairbanks@fairbankseng.com>
Subject: BI landfill

Could you clarify with the town if they have complied with this stipulation F...we have no records of this being done here at CRMC

access pathway shall be available for public use as long as the landfill is in place and protected by a revetment. The pathway shall be relocated landward when it becomes necessary to relocate the revetment landward.

F. Long-range Landfill Remediation Plan: The Town of New Shoreham shall prepare a landfill remediation plan which provides a schedule for removing landfill waste necessary to relocate the riprap protected seaward edge of the landfill landward to keep pace with shoreline erosion on both the north and south sides of the landfill (in an incremental manner as herein described). As part of this plan, the town shall actively monitor the north and south end of the revetment for any end erosion. A benchmark shall be established at the northwest and southwest limits of the constructed revetment, with the coordinates provided to the CRMC.

Based upon the predicted rate of shoreline erosion along the west beach section of Block Island, 45 feet of landward shoreline movement is possible within a 15 year timeframe. If the shoreline erosion extends 45 feet landward of the monitoring points, as determined by the high water line on the shoreline which abuts the landfill on the north or south side being 45 feet landward of the established coordinates provided to the CRMC, the town would be required to act. Once this 45 foot loss is realized, the plan shall require that the revetment be relocated a minimum 50 feet landward, as measured from the established benchmarks, to align the revetment with or slightly behind the current coastal feature.

The Town of New Shoreham shall also prepare a Landfill Closure Plan to be submitted to the RIDEM, Division of Waste Management by December 31, 2016. A reduction of the slope along the northern edge of the landfill shall be addressed as part of the closure plan. The plan shall attempt to redefine this slope, reducing it to as close to 3:1 as feasible.

G. Vegetation in the adjacent coastal wetland shall remain in an undisturbed condition.

Richard Lucia, M.S., P.E.
Environmental Engineer IV
RI Coastal Resources Management Council