



August 30, 2024

Megan Kuczka
Project Manager
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, New York 14209

**Re: Port-Greenbelt Shoreline Improvement Project Site – Corrective Measures Work Plan
NYSDEC Site No. B-00149-9**

Dear Ms. Kuczka:

As requested by the New York State Department of Environmental Conservation (NYSDEC), LiRo Engineers, Inc. (LiRo) is providing this Corrective Measures Work Plan (CMWP) on behalf of the Erie Canal Harbor Development Corporation (ECHDC) for temporary/short-term repairs to address erosional damage along the northern portion of the revetment.

Background

The Port-Greenbelt Shoreline Improvement Project Site (Greenbelt) Site is a linear bike trail which runs parallel to the Lake Erie shoreline from the Buffalo Harbor Slip to the Terminal B building (Figure 1). During the most recent annual Site inspection in December 2023, minor erosion was observed along a small section of revetment in the northern portion of the Site.

The attached Figure 2 shows the general locations where damage was noted, and the attached photos show the extent of damage. The proposed corrective actions are described below.

Cover System and Shoreline Restoration

Eroded areas will be cut back as needed to provide a uniform edge. Material removed to provide the uniform edge will be placed back in the eroded areas and reused onsite. No offsite disposal of removed materials is anticipated as part of this repair. The filter fabric demarcation layer is generally intact, however, in areas where the filter fabric has been displaced, the fabric will be laid out flat to its original extents. In areas where the filter fabric is missing or deteriorated, new filter fabric will be placed. The new filter fabric shall meet the specs of Mirafi 600X geotextile.

Following repair/replacement of the filter fabric, an estimated 2 – 3 cubic yards of select fill from the Joseph Davis State Park stockpile (import request approved on May 29, 2024) will be placed to the extent of the erosion. The repaired area will be covered with seeded.

Work will be performed in accordance with the requirements of the Port-Greenbelt Shoreline Improvement Project Site Management Plan (NYSDEC Site No. B-00149-9) prepared by URS and Dated August 2011.

Permits

The work will not include any excavation or fill below the mean high-water level for Lake Erie, which is 573.40 feet above mean sea level. Therefore, a NYSDEC Protection of Waters permit is not required for this project.



Schedule

It is anticipated that the corrective measures will be implemented in September 2024 or earlier October 2024 pending approval of this work plan. The repair work is anticipated to take approximately two weeks to complete.

Reporting

Following completion of the restoration work, LiRo will prepare a letter report to summarize the repair field activities. The report will include photographs showing the restored work areas. The report will be submitted within 4 weeks of repair completion.

LiRo will also submit a revised IC-EC Certification once all cover repairs are completed

If you have any questions regarding this CMWP, feel free to contact me by email at wesolowskim@LiRo-Hill.com or by phone at 716-534-7018.


Sincerely,
LiRo Engineers, Inc.

A handwritten signature in black ink, appearing to read 'Martin Wesolowski'.

Martin Wesolowski, PE, CCM, DBIA
Project Manager



LEGEND:

 GREENBELT BOUNDARY



LiRo-Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PORT-GREENBELT SHORELINE IMPROVEMENT PROJECT SITE LOCATION MAP

FIGURE NO.

1

Inspection Photos



1.) View of minor erosion at the top of the stone revetment along the northern portion of the Pathway.