

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Region 7 Main Office

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27 May 2017

Christopher Cushing
NYS Office of Parks, Recreation and Historic Preservation, Central Region
6105 East Seneca Turnpike
Jamesville, New York 13079

RE: Emergency Authorization
DEC 7-3552-00145
Sandy Island Beach State Park
Pulaski (T), Oswego County

Dear Mr. Cushing:

This letter is in response to your modified request dated 26 May 2017 for an emergency authorization related to erosion and damage to Sandy Island Beach State Park's dunes shoreline as a result of the Lake Ontario high water and storm events of April and May 2017. Significant portions of the Park's dune shoreline have suffered damage under conditions of high water, extreme wave energy, and severe erosion resulting in a direct and significant threat to the stability of the dune complex at Sandy Island Beach State Park. Additionally, erosive forces causing failure of the dune system will threaten roadway infrastructure and private residences located behind/inland of the dunes. Staff have reviewed the work that you propose and find that it is reasonable and necessary in order to provide long term protection to both the dunes system and adjacent residences, and infrastructure. The proposed construction will have minimal impact to the dunes' complex habitat and the Lake Ontario aquatic community if construction is completed in accordance with your narrative received on 26 May 2017, approved plans (see attached), Emergency Authorization conditions and environmental regulations.

Conditions specific to this Emergency Authorization:

1. Photographs showing the post-construction condition of the lakeshore will be provided to the Regional Permit Administrator.
2. All disturbance to South Sandy Pond, Fresh Water Wetland EL-10 and its adjacent area, and all upland areas will be restored to original conditions and contours. All fill placed within the wetland and its adjacent area will be removed at the completion of the project and original contours will be restored.

This work, as proposed, is approved under the Department's Emergency Authority. The Department has made this "Finding of Emergency", under 6NYCRR Part 621.12, that the proposal will protect life, health and property as well as assure protection of natural resources. The Commissioner has also made an "Emergency Declaration and Findings" pursuant to ECL 70-0111 and 70-0116 for activities associated with shoreline protection in coastal erosion areas along the Lake Ontario shoreline. The Office of General Services




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has issued an Emergency Declaration dated 18 May 2017 regarding the proposed immediate remedial actions to reduce the rate of dune losses, protect infrastructure and private homes located behind the dune complex. Regulations require that any such emergency work shall be performed so as to cause the least change, modification, disturbance or damage to the environment.

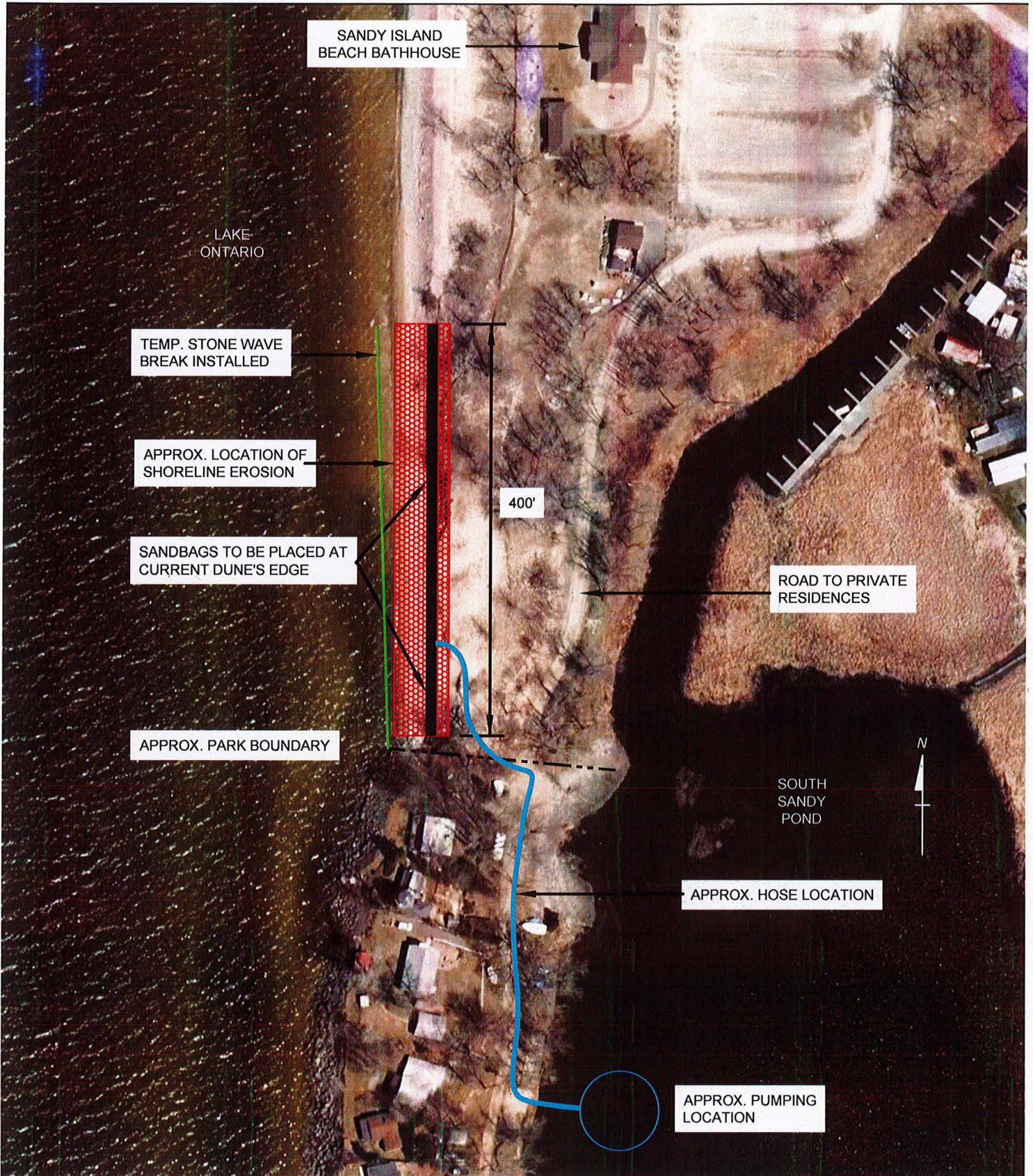
This approval is valid for 30 days from the date of this letter; future work after that date may require an individual permit. All work shall be approved and supervised on-site by yourself. Please contact me at 315-426-7440 or email at david.bimber@dec.ny.gov if you have any questions relating to this authorization.

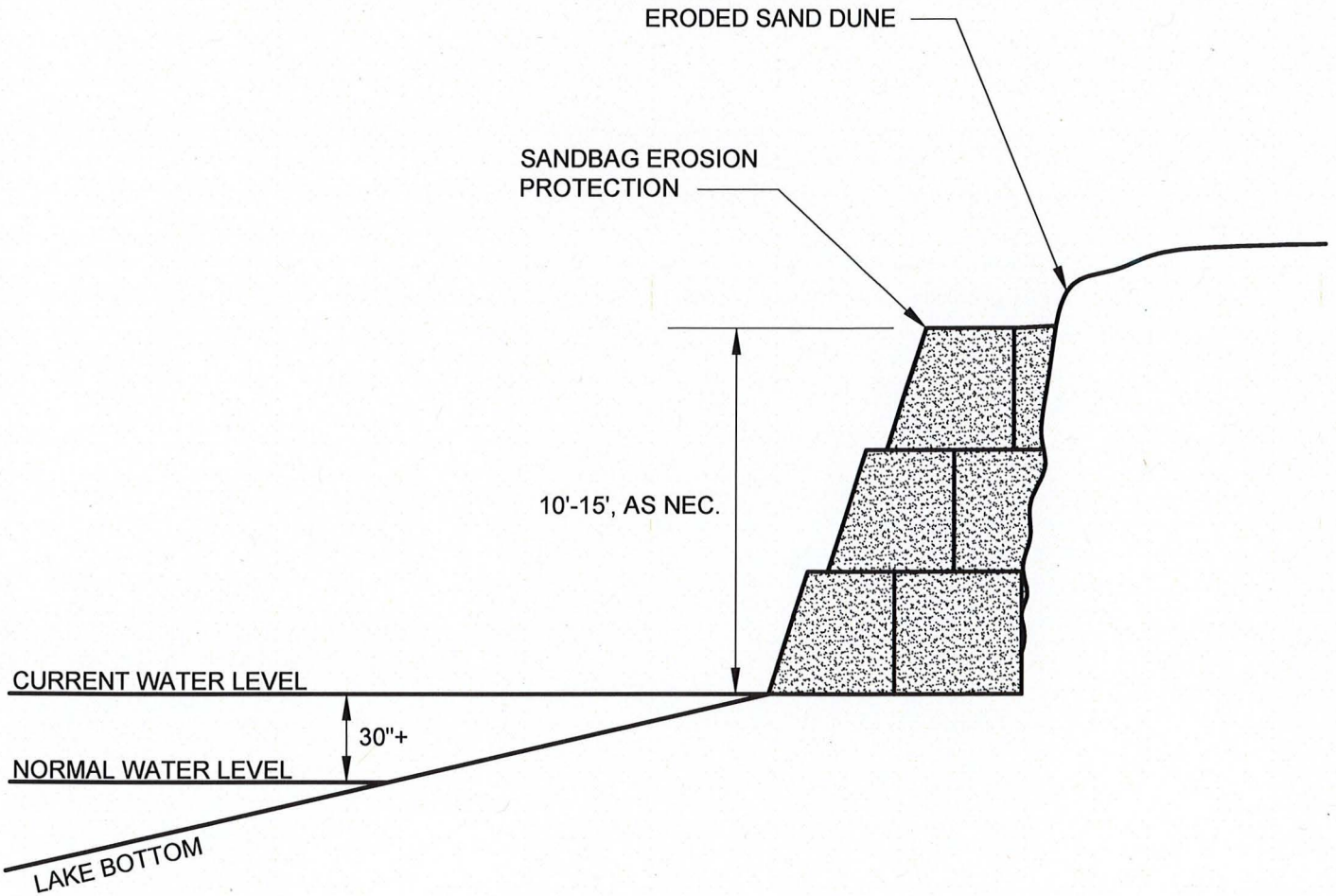
Sincerely,

 Digitally signed by
Elizabeth A. Tracy
Date: 2017.05.27
12:26:36 -04'00'

For David L. Bimber
Regional Permit Administrator, Region 7
Division of Environmental Permits

ecc: J. Stercho, NYS DEC
M. Marko, Region 7 Director, NYS DEC
D. Kozlowski, US ACE, Buffalo District Office





SCHEMATIC PLAN FOR EROSION STABILIZATION

SECTION VIEW - NO SCALE

From: Cushing, Christopher (PARKS)
Sent: Friday, May 26, 2017 2:41 PM
To: Bimber, David L (DEC)
Cc: Kozlowski, Diane C CIV USARMY CELRB (US)
Subject: Sandy Island Beach State Park - Emergency Shoreline Stabilization



Hi Dave.

Attached you will find the updated site plan for the work at Sandy Island Beach State Park. We spoke on the phone regarding the work, but below is a brief summary of the anticipated work:

- Place and fill the TrapBags (sandbags) along the eroding dune
- Hydraulically dredge sand from the South Pond (see site attached site plan) to provide a sand shoreline on which to place the TrapBags
- Import sand from local sand pit, if necessary, to provide material for the bags or material to fill any void space behind the newly placed bags
- Remove the temporary stone wave break, relocate the stones from the temporary wave break to the ends of the bags to provide protection where they meet the existing dune, or leave wave break in place. (to be determined)
- Restore any and all areas disturbed from operations necessary to complete the emergency work
- Replant the existing sand dune, and plant vegetation (dune grass) on the newly installed TrapBags (not included in the work of the OGS emergency declaration; to be done by Park staff and/or volunteer groups)

That's about if for the basic scope of work. The schematic design I sent you last week is still relevant, so you can continue to use that as our current plan. I have also include two photos showing both ends of the pumping operation and the temporary stone wave break (installed in approx. 18" of water and covered with geotextile filter fabric to act as turbidity curtain), and one showing the hose running along the edge of the road and crossing the road.

Please feel free to let me know if you need additional information and I will do my best to get it to you as soon as possible. Thank you again for your assistance.

Chris

Christopher Cushing
Park Engineer

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