



PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:
Public Notice Number: **NAN-2023-00336-TREC**
Issue Date: January 30, 2024
Expiration Date: February 29, 2024

The New York District, of the U.S. Army Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344):

APPLICANT: National Grid
Attn: Adam Yablonsky
175 East Old Country Road
Hicksville, NY 11801

ACTIVITY: Ten-Year Maintenance Dredging with Beach Placement of Dredged Material

WATERWAY: Long Island Sound

LOCATION: 321 Waterside Road, Northport Power Station, Town of Huntington, Suffolk County, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND EMAILED TO Brad.Sherwood@usace.army.mil BEFORE THE EXPIRATION DATE OF THIS NOTICE; otherwise, it will be presumed that there are no objections to the activity.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this

permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to adversely affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations being conducted and will be concluded prior to the final decision.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act. The applicant has received Water Quality Certification Permit ID 1-4726-00130/00096 from the New York State Department of Environmental Conservation with an effective date of May 20, 2022.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. In a letter dated September 28, 2023, New York State Department of State issued a Coastal Zone Management Concurrence with Consistency Certification, F-2023-0285, for the proposed work.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

New York State Department of Environmental Conservation

*****PLEASE USE THE 18-CHARACTER FILE NUMBER ON ALL CORRESPONDENCE WITH THIS OFFICE*****

CENAN-OP-R
Public Notice NAN-2023-00336-TREC

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact Brad Sherwood at (518) 487-0382 or at Brad.Sherwood@usace.army.mil.

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.



Jon T. Coleman
FOR AND IN BEHALF OF
Stephan A. Ryba
Chief, Regulatory Branch

Encl

*****PLEASE USE THE 18-CHARACTER FILE NUMBER ON ALL CORRESPONDENCE WITH
THIS OFFICE*****

DESCRIPTION OF PROPOSED WORK

The applicant, National Grid, has requested Department of the Army authorization for dredging with ten years maintenance with sand beach nourishment in Long Island Sound, at the Northport Power Station, in the Town of Huntington, Suffolk County, New York.

The work would involve:

Dredging methods would include clamshell and hydraulic dredging and use of land-based excavators.

Hydraulic Dredging: A cutter suction dredge with a material discharge pipeline would be used for hydraulic dredging of the intake and discharge channel. Beach compatible material would be pumped directly onto the Asharoken Beach or into the upland disposal area for mechanical transport to Asharoken Beach. Non-beach compatible material would be pumped into a previously approved upland disposal area for dewatering and would remain to reconstruct the dike walls for future events and/or would be trucked to a state-approved upland disposal facility. The upland disposal area is immediately west of the western intake channel jetty and north of the Town of Huntington Parking lot off Eatons Neck Road.

Land Based Mechanical Dredging: In channel areas where shoals of beach compatible material are adjacent to the shoreline, mechanical dredging is proposed. This would be achieved with the use of a long reach excavator operating from the subaerial foreshore above mean low water when the area is not inundated or from above mean high water. The excavator would dredge the material from the channel and place it above the mean high-water line in stockpile areas to dewater. The material would then be loaded with a front-end loader (or equivalent) into haul trucks where it will be transported to the Town of Huntington Parking lot off Eatons Neck Road on the west side of the intake channel. The material would then be mechanically placed as beach nourishment on Asharoken Beach along Long Island Sound.

Water Based Mechanical Dredging: In shallow water areas where beach compatible material is present, water based mechanical dredging is proposed for dredging the intake and discharge channel. This would be completed using a clamshell dredge, or excavator mounted on a spud barge. The barge would dredge material and temporarily store it on the barge. Material would be placed in a wood and hay bale (or equivalent) containment area to dewater the material. At periods of high tide, the barge would offload the dredge material at the Town boat ramp to a stockpile area west of the channel above mean high water. The material would then be loaded into haul trucks in the Town of Huntington Parking lot off Eatons Neck Road on the west side of the intake channel and mechanically placed as beach nourishment on Asharoken Beach fronting Long Island Sound.

Intake Channel:

Historic dredging records for all the recent dredging events have indicated that the material in the intake channel is beach compatible sand and gravel as well as more fine-grained material. The northern end of the channel and shoals near the jetties/launching ramp have historically been sand and gravel with southern areas of the channel being finer grained.

Dredge up to approximately 30,000 cubic yards (CY) of sediment, comprised of sand and silty sand from an approximately 615,520 square foot (SF) area (14.13 acres) varying in width from approximately 150-foot-wide to approximately 300-foot-wide and approximately 3000-foot-long to

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various depths ranging from 10 to 25 feet below the plane of Mean Low Water. The proposed dredged channel would include 5:1 sideslopes.

Discharge Channel:

Historic dredging records for all the recent dredging events have identified that material in the discharge channel is sand and gravel and beach compatible.

Dredge up to approximately 18,000 CY of sediment, comprised of sand and gravelly sand from an approximately 125,000 SF area (2.86 acres), measuring approximately 125-foot-wide by approximately 1000-foot-long section of the intake channel to a depth of 2.5 feet below mean low water. The proposed dredged channel would include 5:1 sideslopes.

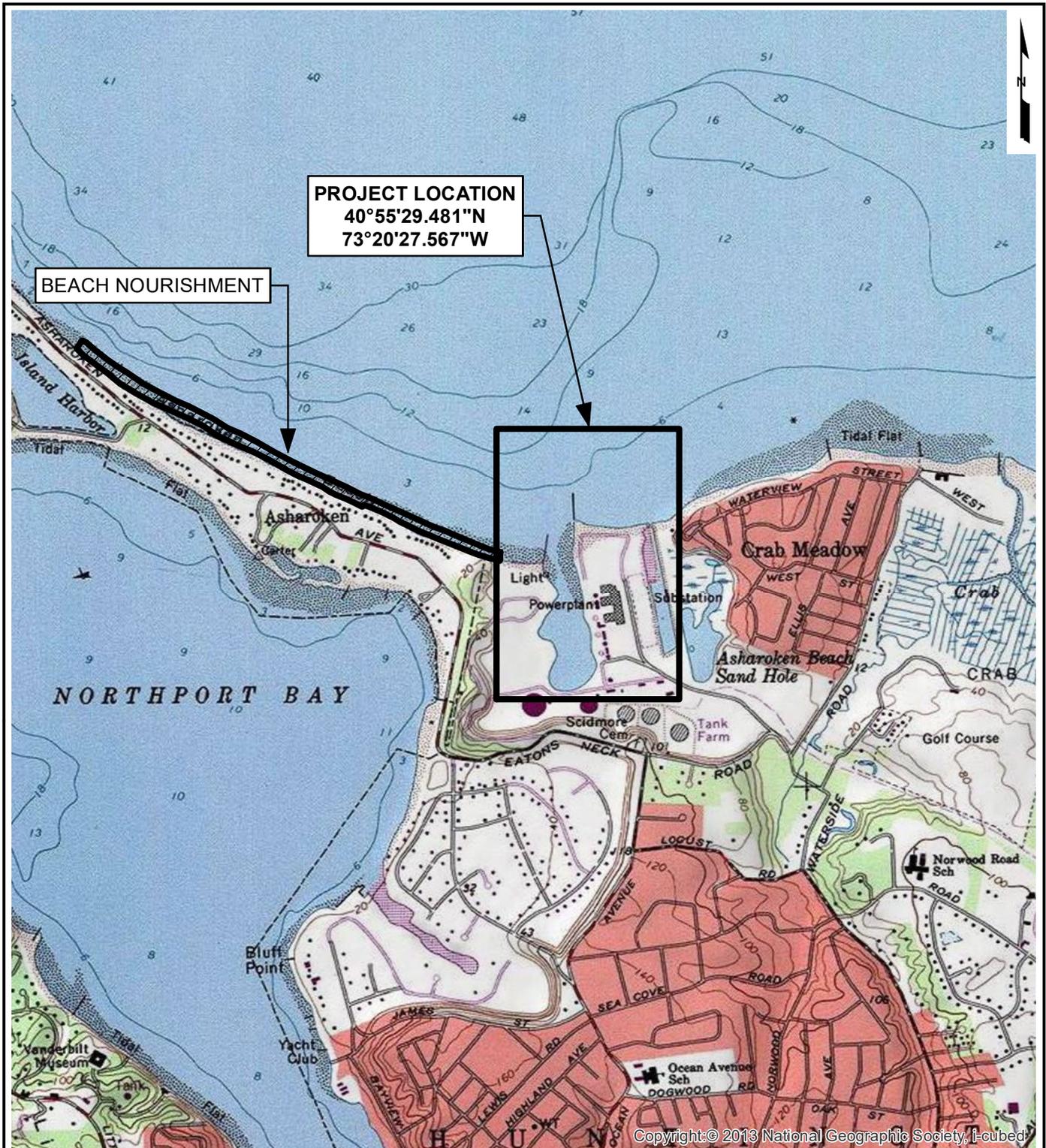
Sand Beach Nourishment:

Any compatible beach-grain-sized sand obtained via hydraulic/mechanical dredging would be placed directly along an approximately one (1) mile section of beach located to the west of the intake channel, starting at a point at least 1,000 feet west of the Northport Power Plant's intake channel's West Jetty. Of the total volume of sandy dredged material up to approximately 34,800 CY of sandy dredged material is proposed to be placed below Spring High Water over and 469,800 SF (10.79 acres) area and up to approximately 12,800 CY of sandy dredged material is proposed to be placed above Spring High Water over an 86,000 SF (1.98 acre) area. Note, placement of up to approximately 45,000 CY of clean, beach compatible sand from an upland source is proposed to supplement the proposed volume of dredged sand to be placed on the beach if necessary. The total volume of sand to be placed on the beach is approximately 45,000 CY. In the event that either no beach compatible sand is available via dredging or if there is no operational need to perform dredging, all 45,000 CY of sand to be used for beach nourishment would be obtained from upland sources in order to meet the Corps' mandate to provide nourishment to Asharoken Beach

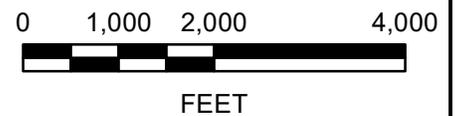
The applicant proposes at least five additional dredging events with removal of up to approximately 45,000 CY of dredged material per event with placement of dredged material and upland material along the beach to provide approximately 45,000 CY of sand on the beach.

The applicant has stated that they have avoided, minimized, and mitigated for impacts to proposed to the maximum extent practicable by including a no-work window to avoid adverse impacts to aquatic resources and using best management practices to minimize turbidity during the dewatering process.

The stated purpose of this project is to maintain adequate water flow to the Northport Power Station, to maintain adequate depths for safe navigation and to place the required volume of sand along the Asharoken shoreline.



SOURCE: USGS QUADRANGLES NORTHPORT ACCESSED VIA ARCGIS ONLINE SERVICES.



Northport Power Station Dredging
Town of Huntington, New York

National Grid
Hicksville, New York



Project 2102941

LOCATION MAP

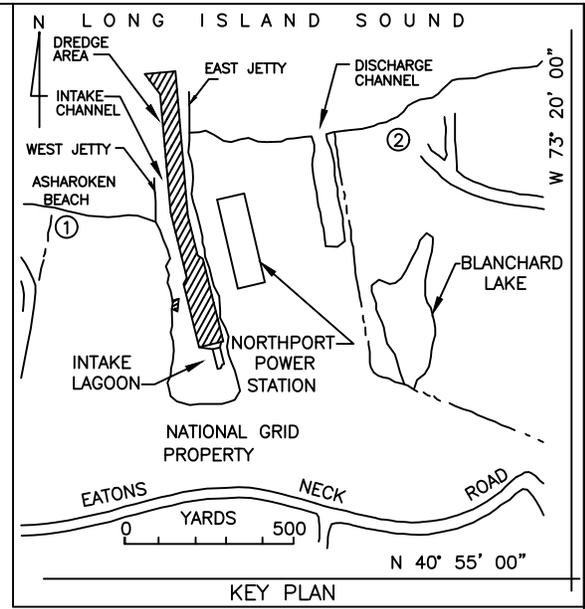
September 2021

Fig. 1

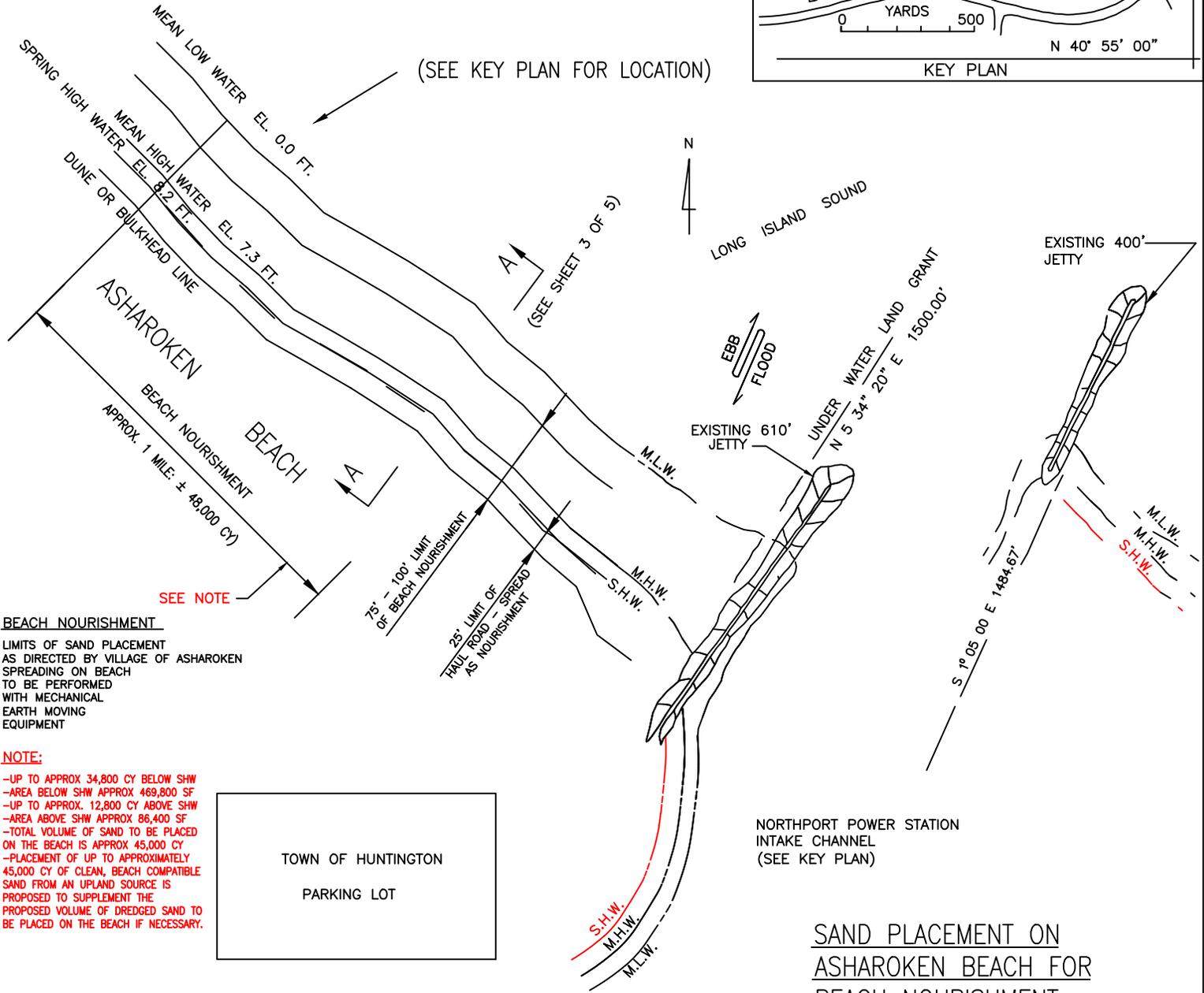
TAKEN FROM C. & G.S. MAP 224
(OYSTER BAY & HUNTINGTON BAY)
MEAN TIDAL RANGE 7.3 FEET.
ELEVATIONS ARE IN FEET AND REFER
TO MEAN LOW WATER, ELEV. 0.0 FT.

ADJACENT PROPERTY OWNERS:

- ① VILLAGE OF ASHAROKEN TO WEST OF NATIONAL GRID PROPERTY LINE
- ② TOWN OF HUNTINGTON TO EAST OF NATIONAL GRID PROPERTY LINE



(SEE KEY PLAN FOR LOCATION)



BEACH NOURISHMENT
LIMITS OF SAND PLACEMENT
AS DIRECTED BY VILLAGE OF ASHAROKEN
SPREADING ON BEACH
TO BE PERFORMED
WITH MECHANICAL
EARTH MOVING
EQUIPMENT

NOTE:
-UP TO APPROX 34,800 CY BELOW SHW
-AREA BELOW SHW APPROX 469,800 SF
-UP TO APPROX. 12,800 CY ABOVE SHW
-AREA ABOVE SHW APPROX 86,400 SF
-TOTAL VOLUME OF SAND TO BE PLACED
ON THE BEACH IS APPROX 45,000 CY
-PLACEMENT OF UP TO APPROXIMATELY
45,000 CY OF CLEAN, BEACH COMPATIBLE
SAND FROM AN UPLAND SOURCE IS
PROPOSED TO SUPPLEMENT THE
PROPOSED VOLUME OF DREDGED SAND TO
BE PLACED ON THE BEACH IF NECESSARY.

NORTHPORT POWER STATION
INTAKE CHANNEL
(SEE KEY PLAN)

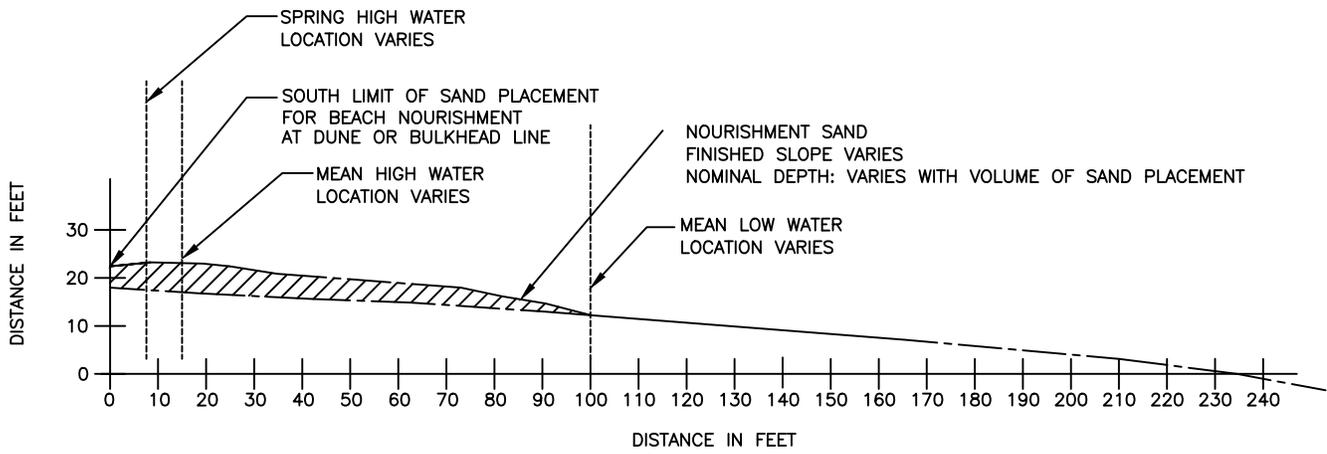
SAND PLACEMENT ON
ASHAROKEN BEACH FOR
BEACH NOURISHMENT

ON LONG ISLAND SOUND AT
ASHAROKEN BEACH NEAR NORTHPORT,
LONG ISLAND, NEW YORK.
APPLICATION BY:
NATIONAL GRID
HICKSVILLE, LONG ISLAND, NEW YORK
DATE ...7/27/21...Rev. 6/7/23... SHEET No. 2 OF 6

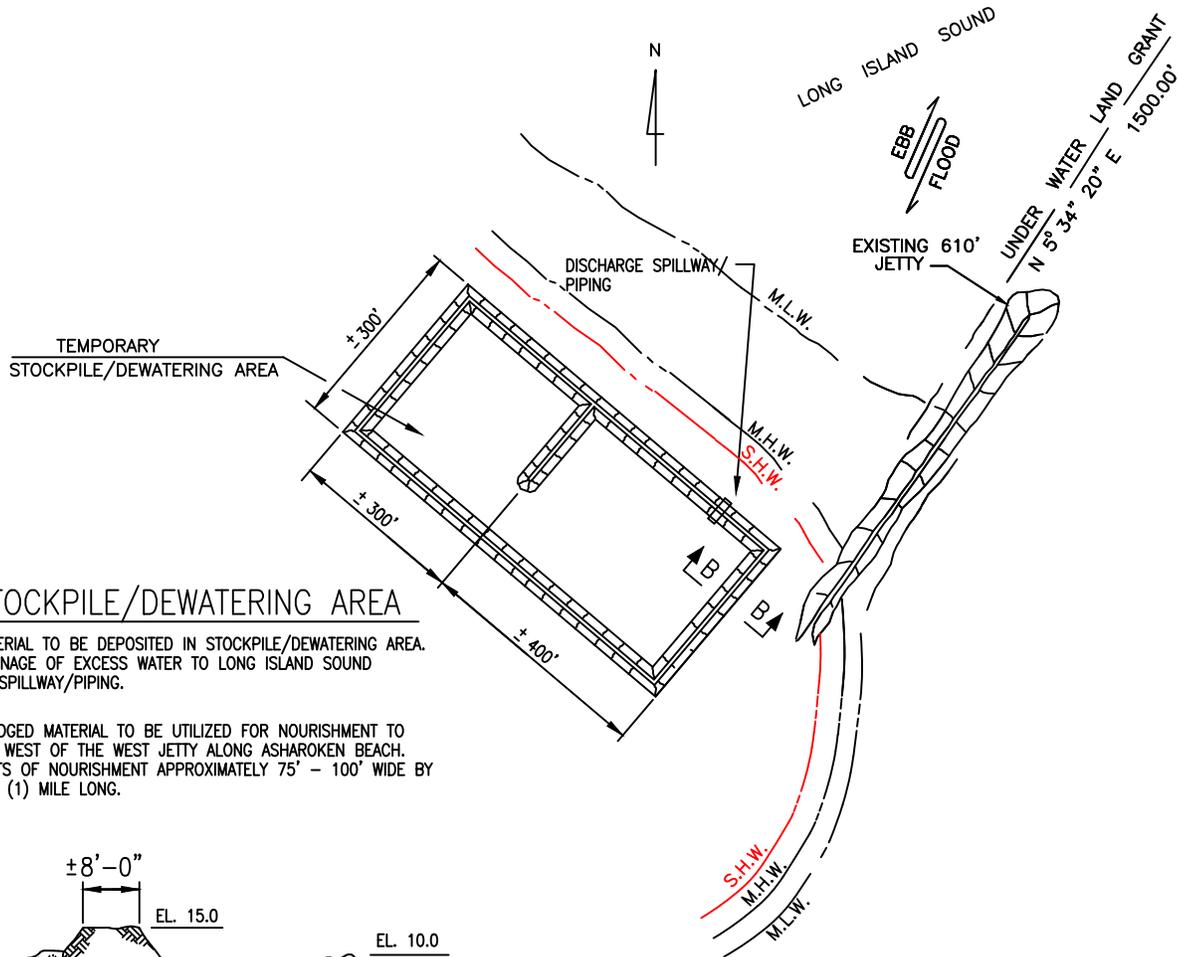
REVISED 6/23/23& 11/22/23.
DETAILS ADDED BY GEI CONSULTANTS,
INC., P.C. IN RESPONSE TO USACE
PERMIT APPLICATION COMMENTS.

FOR PERMITS ONLY -
NOT FOR CONSTRUCTION

PLAN
(NOT TO SCALE)



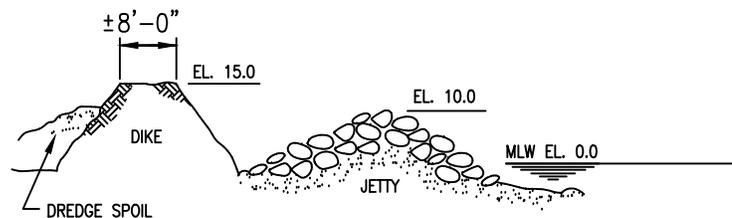
SECTION A-A
(SEE SHEET 2 OF 5)
(N.T.S.)



STOCKPILE/DEWATERING AREA

MATERIAL TO BE DEPOSITED IN STOCKPILE/DEWATERING AREA. DRAINAGE OF EXCESS WATER TO LONG ISLAND SOUND VIA SPILLWAY/PIPING.

DREDGED MATERIAL TO BE UTILIZED FOR NOURISHMENT TO THE WEST OF THE WEST JETTY ALONG ASHAROKEN BEACH. LIMITS OF NOURISHMENT APPROXIMATELY 75' - 100' WIDE BY ONE (1) MILE LONG.



SECTION B-B
N.T.S.

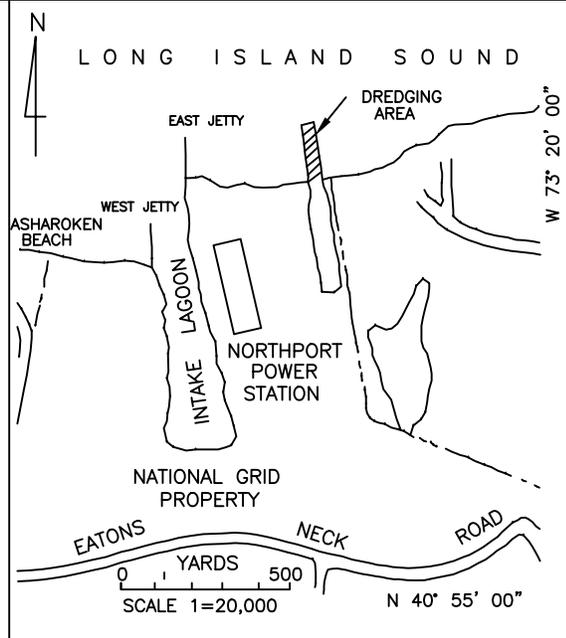
SAND PLACEMENT ON ASHAROKEN BEACH FOR BEACH NOURISHMENT

ON LONG ISLAND SOUND AT ASHAROKEN BEACH NEAR NORTHPORT, LONG ISLAND, NEW YORK.

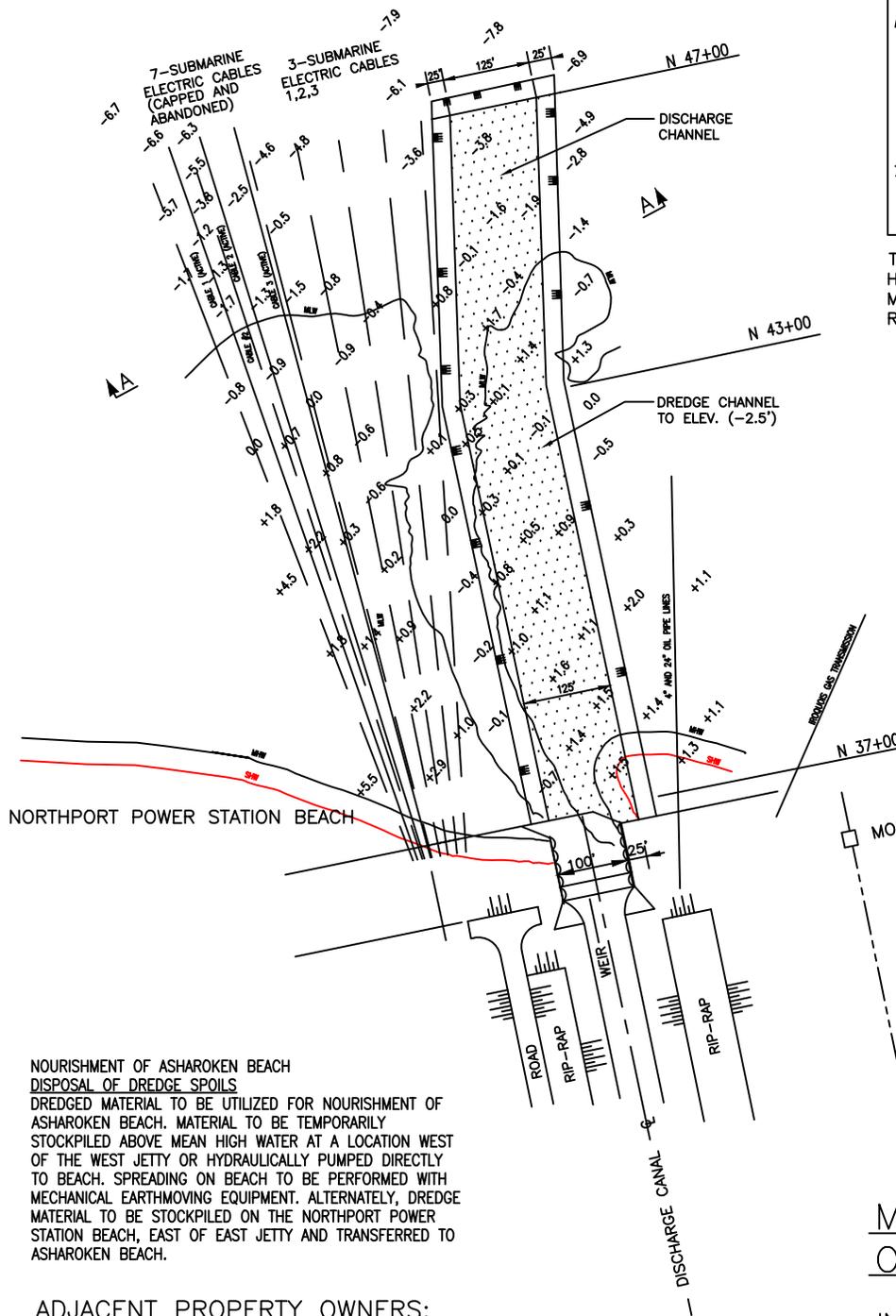
APPLICATION BY:
NATIONAL GRID
HICKSVILLE, LONG ISLAND, NEW YORK

REVISED 6/23/23& 11/22/23.
DETAILS ADDED BY GEI CONSULTANTS, INC., P.C. IN RESPONSE TO USACE PERMIT APPLICATION COMMENTS.

FOR PERMITS ONLY - NOT FOR CONSTRUCTION



TAKEN FROM C. & G.S. MAP 224 (OYSTER BAY & HUNTINGTON BAY).
 MEAN TIDAL RANGE 7.3 FT. ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW WATER EL. 0.0 FT.



LEGEND

- DREDGE AREA
- SOUNDINGS ELEVATIONS TAKEN 06/2021

ESTIMATED DREDGE VOLUME: 18,000 CY
 DREDGE AREA: ±125,000 SF
 CHANNEL LENGTH: ±1,000 FT

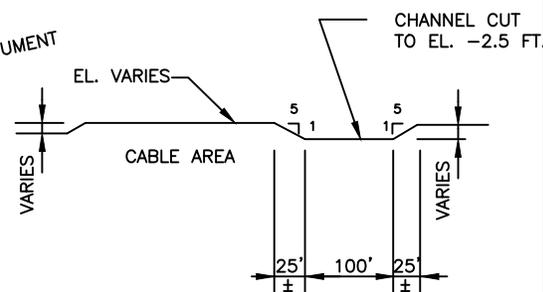
**NOURISHMENT OF ASHAROKEN BEACH
 DISPOSAL OF DREDGE SPOILS**
 DREDGED MATERIAL TO BE UTILIZED FOR NOURISHMENT OF ASHAROKEN BEACH. MATERIAL TO BE TEMPORARILY STOCKPILED ABOVE MEAN HIGH WATER AT A LOCATION WEST OF THE WEST JETTY OR HYDRAULICALLY PUMPED DIRECTLY TO BEACH. SPREADING ON BEACH TO BE PERFORMED WITH MECHANICAL EARTHMOVING EQUIPMENT. ALTERNATELY, DREDGE MATERIAL TO BE STOCKPILED ON THE NORTHPORT POWER STATION BEACH, EAST OF EAST JETTY AND TRANSFERRED TO ASHAROKEN BEACH.

ADJACENT PROPERTY OWNERS:

- ① VILLAGE OF ASHAROKEN TO WEST OF NATIONAL GRID PROPERTY LINE
- ② TOWN OF HUNTINGTON TO EAST OF NATIONAL GRID PROPERTY LINE

REVISED 6/23/23& 11/22/23.
 DETAILS ADDED BY GEI CONSULTANTS, INC., P.C. IN RESPONSE TO USACE PERMIT APPLICATION COMMENTS.

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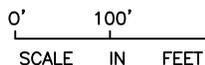
SECTION "A - A"
 EXCAVATION OVER CABLE PLACEMENTS IS PROHIBITED

MAINTENANCE DREDGING OF DISCHARGE CHANNEL

IN LONG ISLAND SOUND AT NORTHPORT SUFFOLK COUNTY, NEW YORK
 NATIONAL GRID
 HICKSVILLE, NEW YORK

DATE: 07/27/21

NPPSY-LY-01006 (L08025-00)



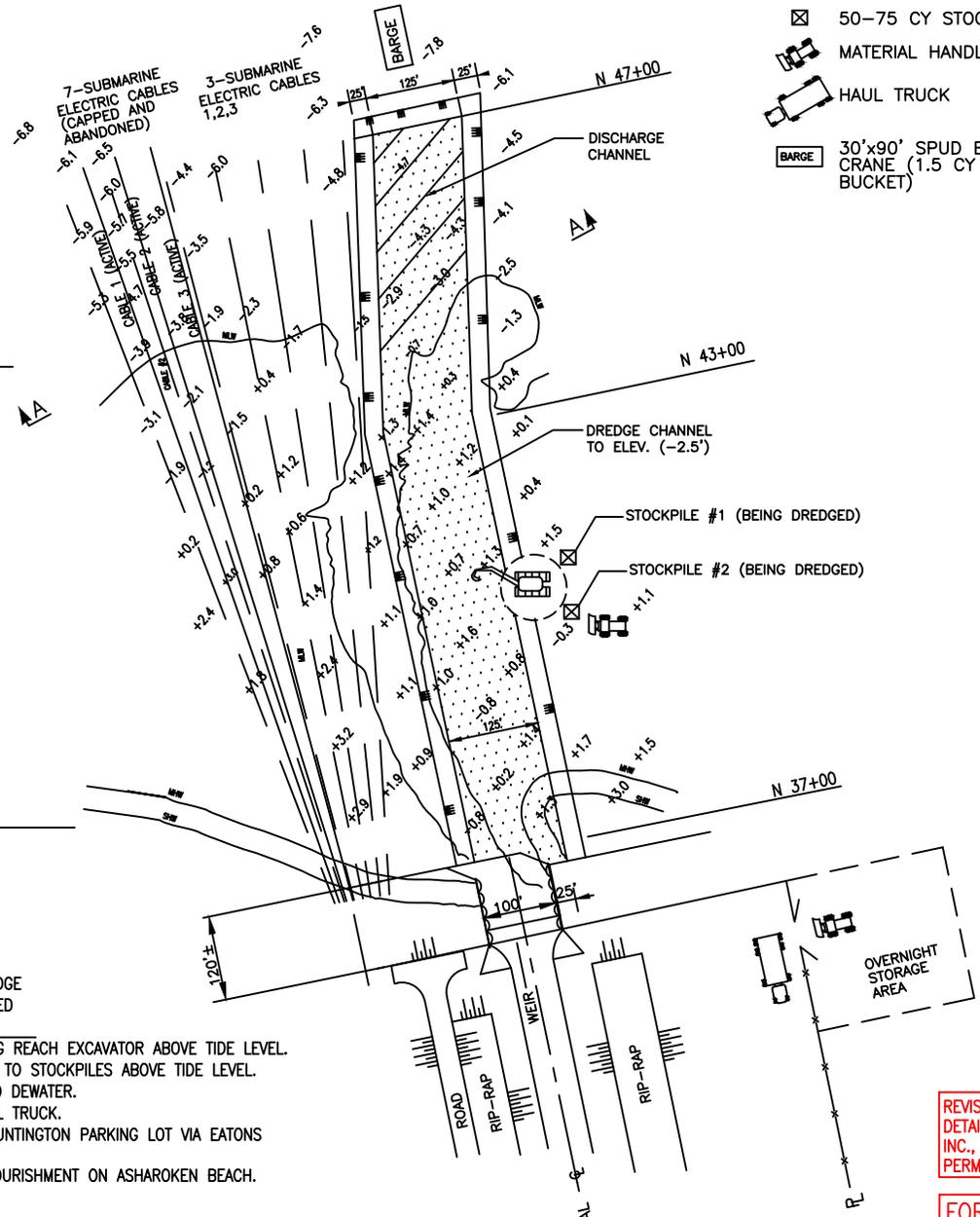
N
LONG ISLAND SOUND

LEGEND

-  DREDGE AREA (LAND BASED MECHANICAL EXCAVATION EQUIPMENT)
-  DREDGE AREA (BARGE MOUNTED MECHANICAL EXCAVATION EQUIPMENT)
-  100 FT. DIAMETER (REFERENCE CIRCLE)
-  65 FT. LONG REACH EXCAVATOR (0.75 CY CAPACITY BUCKET)
-  50-75 CY STOCKPILE (20'x20'x5' HIGH)
-  MATERIAL HANDLING PAYLOADER
-  HAUL TRUCK
-  30'x90' SPUD BARGE WITH 40 TON CRANE (1.5 CY CAPACITY CLAMSHELL BUCKET)

APPROXIMATE LIMITS OF WATER BASED DREDGING 300 LF (N44+00 TO N47+00)

APPROXIMATE LIMITS OF LAND BASED DREDGING 700 LF (N37+00 TO N44+00)



DISCHARGE CHANNEL DREDGE METHODOLOGY (LAND BASED MECHANICAL)

- (1) POSITION 65 FT. LONG REACH EXCAVATOR ABOVE TIDE LEVEL.
- (2) EXCAVATE AND PLACE TO STOCKPILES ABOVE TIDE LEVEL.
- (3) ALLOW STOCKPILES TO DEWATER.
- (4) LOAD SPOILS TO HAUL TRUCK.
- (5) HAUL TO TOWN OF HUNTINGTON PARKING LOT VIA EATONS NECK ROAD.
- (6) UTILIZE SPOILS AS NOURISHMENT ON ASHAROKEN BEACH.

DISCHARGE CHANNEL DREDGE METHODOLOGY (WATER BASED MECHANICAL)

- (1) POSITION SPUD BARGE AT NORTH END OF DISCHARGE CHANNEL ON RISING TIDE.
- (2) DREDGE NORTH TO SOUTH.
- (3) DREDGE SPOILS TO DEWATER ON BARGE WITHIN STEEL - WOOD BOARDS - HAY BALE CONTAINMENT.
- (4) POSITION BARGE AT SOUTH END OF CHANNEL AT HIGH TIDE.
- (5) OFF LOAD SPOILS TO STOCKPILE, ABOVE HIGH WATER, ON EAST SIDE OF CHANNEL.
- (6) PAYLOADER TO COLLECT AND LOAD SPOILS TO HAUL TRUCK.

REVISED 6/23/23& 11/22/23.
DETAILS ADDED BY GEI CONSULTANTS, INC., P.C. IN RESPONSE TO USACE PERMIT APPLICATION COMMENTS.

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ALTERNATE METHOD (MECHANICAL) MAINTENANCE DREDGING OF DISCHARGE CHANNEL

IN LONG ISLAND SOUND AT NORTHPORT SUFFOLK COUNTY, NEW YORK

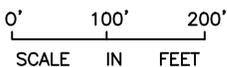
NATIONAL GRID HICKSVILLE, NEW YORK

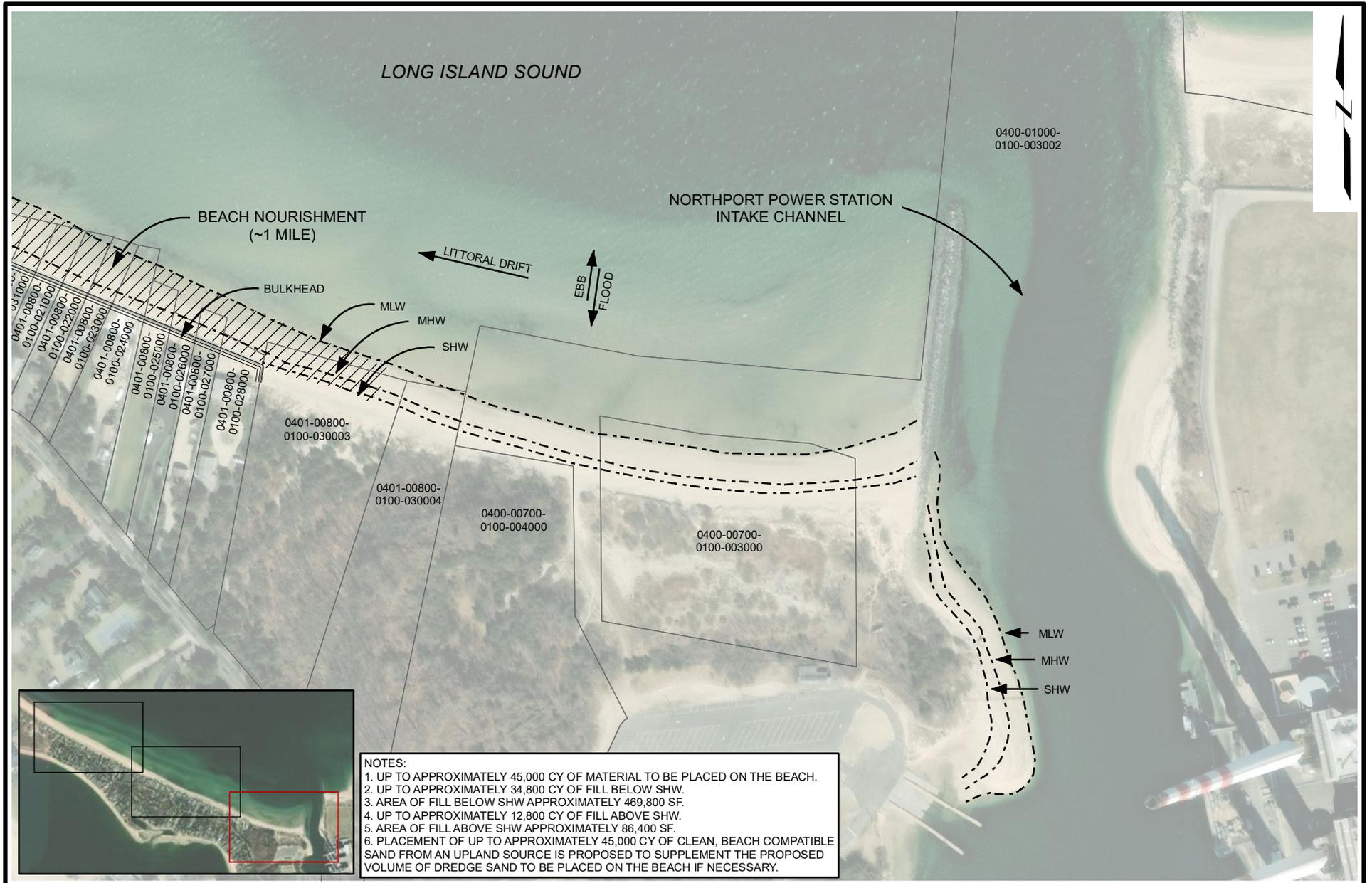
DATE: 07/27/21

NPPSY-LY-01006 (L08025-00)

ADJACENT PROPERTY OWNERS:

- ① VILLAGE OF ASHAROKEN TO WEST OF NATIONAL GRID PROPERTY LINE
- ② TOWN OF HUNTINGTON TO EAST OF NATIONAL GRID PROPERTY LINE





NOTES:

1. UP TO APPROXIMATELY 45,000 CY OF MATERIAL TO BE PLACED ON THE BEACH.
2. UP TO APPROXIMATELY 34,800 CY OF FILL BELOW SHW.
3. AREA OF FILL BELOW SHW APPROXIMATELY 469,800 SF.
4. UP TO APPROXIMATELY 12,800 CY OF FILL ABOVE SHW.
5. AREA OF FILL ABOVE SHW APPROXIMATELY 86,400 SF.
6. PLACEMENT OF UP TO APPROXIMATELY 45,000 CY OF CLEAN, BEACH COMPATIBLE SAND FROM AN UPLAND SOURCE IS PROPOSED TO SUPPLEMENT THE PROPOSED VOLUME OF DREDGE SAND TO BE PLACED ON THE BEACH IF NECESSARY.

SOURCE:
1. AERIAL IMAGERY (ESRI, 2022).

0 125 250
Feet

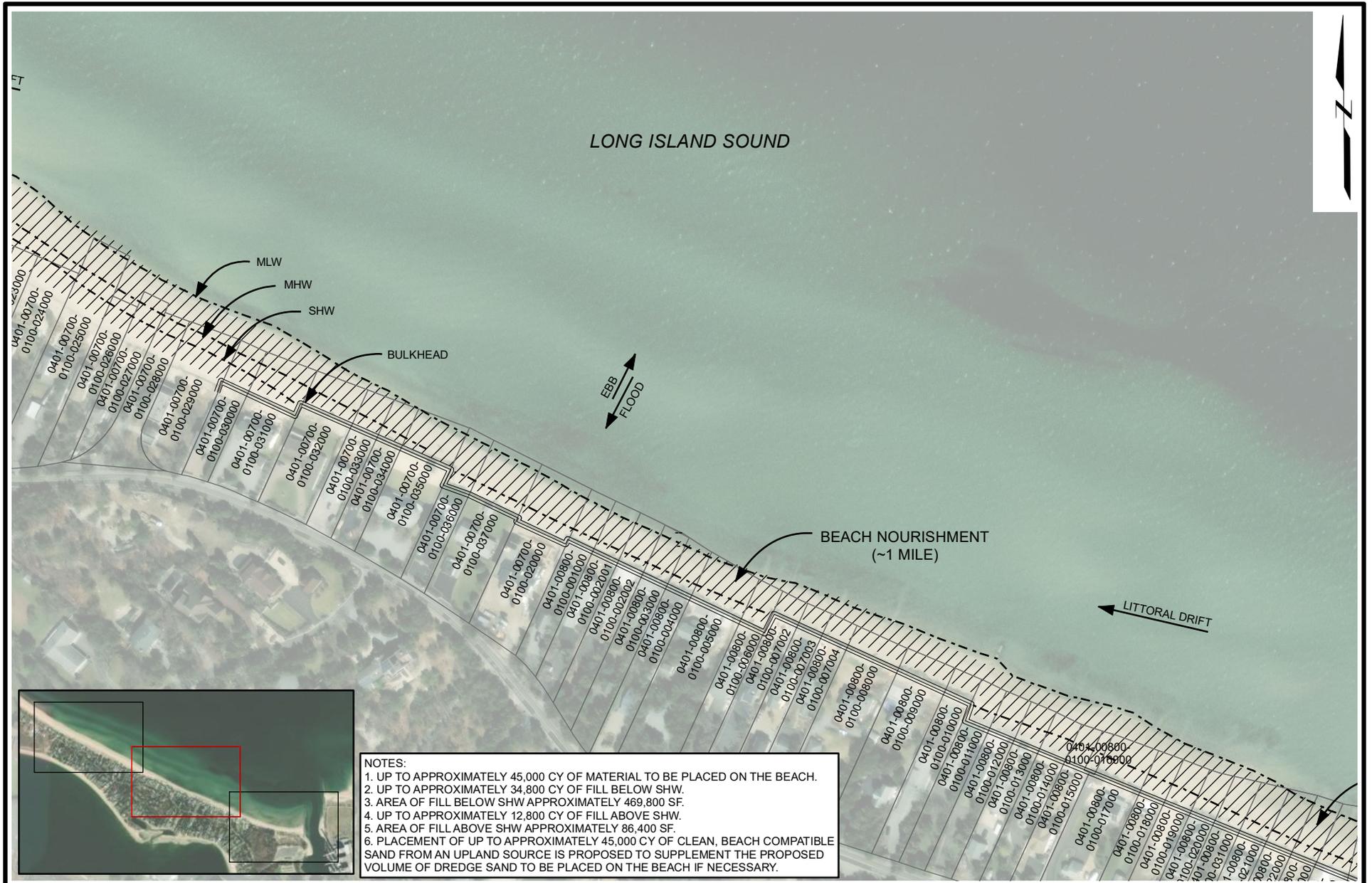
National Grid Northport Power Station
Maintenance Dredging
Town of Huntington, New York

National Grid
Hicksville, New York



**BEACH NOURISHMENT
LOCATION**

Project 2102941 November 2023 Fig. 1a



SOURCE:
 1. AERIAL IMAGERY (ESRI, 2022).

0 125 250
Feet

National Grid Northport Power Station
 Maintenance Dredging
 Town of Huntington, New York

National Grid
 Hicksville, New York

GEI Consultants

Project 2102941

**BEACH NOURISHMENT
 LOCATION**

November 2023

Fig. 1b



NOTES:
 1. UP TO APPROXIMATELY 45,000 CY OF MATERIAL TO BE PLACED ON THE BEACH.
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SOURCE:
 1. AERIAL IMAGERY (ESRI, 2022).

0 125 250
 Feet

National Grid Northport Power Station
 Maintenance Dredging
 Town of Huntington, New York

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 Hicksville, New York

GEI Consultants

Project 2102941

**BEACH NOURISHMENT
 LOCATION**

November 2023

Fig. 1c