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Office of Coastal Management  
2015-058



**DEPARTMENT OF THE ARMY**

BUFFALO DISTRICT, CORPS OF ENGINEERS  
1776 NIAGARA STREET  
BUFFALO, NEW YORK 14207-3199

REPLY TO  
ATTENTION OF:

December 16, 2015

Environmental Analysis Section

**SUBJECT: Conneaut Harbor, Ashtabula County, Ohio – Request for Coastal Management Program Federal Consistency Concurrence for 2016 Maintenance Dredging Project**

Mr. James Zehringer  
Director, Ohio Department of Natural Resources  
Ohio Department of Natural Resources  
2045 Morse Road  
Columbus, OH 43229  
ATTN: Mr. Steve Holland  
Federal Consistency Administrator

Dear Mr. Zehringer:

Enclosed for your review and comment is the Section 404(a) Public Notice and Coastal Management Program Federal Consistency Determination for our scheduled 2016 maintenance dredging project at Conneaut Harbor, Ohio (Enclosures 1 and 2, respectively). This project entails maintenance dredging of an estimated 180,000 cubic yards of sediment from the authorized Federal navigation channels of Conneaut Harbor, with placement of the associated dredged sediment at the existing open-lake and nearshore areas in Lake Erie. The Public Notice has been prepared in conformance with U.S. Army Corps of Engineers (USACE) regulation, "Practice and Procedure: Final Rule for Operation and Maintenance of Army Corps of Engineers Civil Works Projects involving the Discharge of Dredged Materials into Waters of the United States or Ocean Waters," 33 Code of Federal Regulations (CFR) 337.1.

The USACE-Buffalo District has requested Water Quality Certification for the subject project from the Ohio Environmental Protection Agency (OEPA), or waiver thereof, under Section 401 of the Clean Water Act.

We recognize the Ohio Coastal Management Program (CMP) policy regarding the downdrift nearshore placement of coarse-grain dredged sediment that originates in the littoral zone. Historically, sediment from the Municipal Access Channel of Conneaut Harbor has been primarily coarse-grain in nature and thus has been determined to be suitable for use as nearshore littoral nourishment. In 2004, 25,000 cubic yards were removed from the Municipal Access Channel and placed in the existing authorized nearshore placement area which is located approximately 1500 feet east of the Conneaut Harbor East Breakwater Extension (See Attached Public Notice Figure 2). The most recent grain-size characterization of the Municipal Access Channel was conducted in April of 2013. The results of this

SUBJECT: Conneaut Harbor, Ashtabula County, Ohio – Request for Coastal Management Program Federal Consistency Concurrence for 2016 Maintenance Dredging Project

sampling indicated that at that time material present within this reach was primarily fine-grain in nature. Significant shoaling has occurred within this reach since the last dredging. Given that past shoaling within this reach has consisted of coarse-grain sediment, it is a possibility that this most recently deposited material within Municipal Access Channel could consist of predominantly coarse-grain sediment, and would therefore be suitable for placement in the authorized nearshore placement area.

In order to ensure that dredged sediment placement at Conneaut Harbor is consistent with Ohio Department of Natural Resources (ODNR) and Pennsylvania Department of Environmental Protection (PADEP) Coastal Management Program policy, the USACE-Buffalo District will conduct additional sampling and analysis within this reach prior to the FY16 dredging of Conneaut Harbor. The subsequent analysis of this sediment will determine if the sediment that has shoaled within the Municipal Access Channel since the last dredging of this channel is suitable for nearshore placement. These results will be submitted to OEPA, ODNR, and PADEP with an estimate of the amount of dredged sediment proposed for nearshore placement.

If sediment from the Municipal Access Channel is determined to be suitable for nearshore placement, we will pursue placing that sediment at the existing authorized nearshore area in water depths of -8 feet or -11 feet LWD. Selection of the final placement depth will be based on the lowest responsive bid that is accepted, and/or the availability of non-Federal funds to place the sediment at the -8 feet LWD depths.

In accordance with Coastal Zone Management Regulations 15 CFR, Part 930.34(a), the USACE has determined that the proposed maintenance dredging and placement operations required to maintain Conneaut Harbor Federal navigation channels would be undertaken in a manner which is consistent to the maximum extent practicable with the State of Ohio Coastal Resources Management Program. The Federal Consistency Determination documents this determination. Please advise us regarding your concurrence with this determination by February 16, 2016.

We have forwarded a copy of this letter to Mr. John Kessler, Division of Real Estate & Land Management.

If you have any questions pertaining to this matter please contact Mr. Eric E. Hannes at (716) 879-4311, by writing to the following address: U.S. Army Corps of Engineers, 1776 Niagara Street, Buffalo, New York 14207-3199, or by e-mail at: [Eric.E.Hannes@usace.army.mil](mailto:Eric.E.Hannes@usace.army.mil).

Sincerely,



Martin P. Wargo, PWS  
Supervisory Biologist  
Environmental Analysis Section

SUBJECT: Conneaut Harbor, Ashtabula County, Ohio – Request for Coastal Management Program  
Federal Consistency Concurrence for 2016 Maintenance Dredging Project

Enclosures

Copy Furnished:

Mr. John Kessler  
Division of Real Estate & Land Management  
Ohio Department of Natural Resources  
2045 Morse Road  
Columbus, Ohio 43229

**STATE OF OHIO COASTAL MANAGEMENT PROGRAM  
CONSISTENCY DETERMINATION**

**PROJECT NAME:** Conneaut Harbor, Ohio

**TYPE OF PROJECT:** Operations and Maintenance (Dredging and Dredged Sediment Placement)

**COUNTY:** Ashtabula

**1. PROJECT DESCRIPTION**

1.1 Conneaut Harbor is located on the south shore of Lake Erie at the mouth of Conneaut Creek in Ashtabula County, Ohio. The Federal navigation channels in this deep-draft harbor are maintained by the U.S. Army Corps of Engineers (USACE)-Buffalo District in support of commercial and recreational navigation.

1.2 The USACE-Buffalo District anticipates the need to dredge and place sediment excavated from the Federal navigation channels of Conneaut Harbor in order to maintain sufficient depth for deep-draft commercial vessels. An estimated 180,000 cubic yards of sediment would be dredged from the Federal navigation project. It is anticipated that this sediment would be removed from areas throughout the limits of the Federal navigation project. Up to an additional one foot of sediment may be dredged to ensure the minimum depth. The sediment to be dredged consists primarily of silts, clays and sands. All sediment dredged from the Conneaut Harbor Federal navigation channels have been determined to meet Federal guidelines for open-lake placement. Therefore, predominantly fine-grain dredged sediment would be discharged into an existing open-lake placement area located four miles from the West Breakwater light, at an azimuth of 314°00'. Predominantly coarse-grain sediment dredged from the Municipal Access Channel, if determined suitable, would be placed at an existing nearshore area located approximately 1500 feet east of the Conneaut Harbor East Breakwater Extension. The Public Notice describes the project in further detail and contains figures depicting the proposed open-lake and nearshore placement areas.

1.3 The dredging operations are tentatively scheduled to be performed during the period between 1 July and 15 September.

**2. EVALUATION**

2.1. The USACE-Buffalo District has analyzed the proposed action with respect to the 41 management policies presented in Chapter 5 of the April 2007 State of Ohio Coastal Management Program and Final Environmental Impact Statement. The following policy statements have been determined to be applicable to the proposed action:

2.1.1 **Policy 6 - Water Quality** *[It is the policy of the State of Ohio to maintain and improve the quality of the State's coastal waters for the purpose of protecting the public health and welfare and to enable the use of such waters for public water supply, industrial and agricultural needs, and propagation of fish, aquatic life and wildlife by:*

- I. *Assuring attainment of State water quality standards and other water quality related requirements (O.A.C. 3745-1) through:*
  - a. *controlling discharges into waters of the State by requiring permits to construct facilities and by establishing and enforcing effluent limitations under the National Pollutant Discharge Elimination System (NPDES, §402 CWA, O.R.C. §6111.03);*
  - b. *administering a permit system to control injection well drilling in compliance with the SDWA and CWA (O.R.C. §6111.043 and 6111.044);*
  - c. *regulating discharge of dredged or fill material into surface waters including wetlands in accordance with Section 401 of the CWA (O.R.C. §6111.03);*
  - d. *establishing uniform regulations regarding solid waste disposal sites and facilities (O.R.C. §3734.02 and 3734.05);*
  - e. *prohibiting the sale or distribution for sale of phosphorous containing household laundry detergents in the Lake Erie Basin (O.R.C. §6111.10);*
  - f. *preparing a State water quality management plan to assess technical needs for pollution control and institutional mechanisms to enforce controls (O.R.C. §6111.41 and 6111.42); and*
  - g. *administering a State revolving loan fund program to provide financial assistance for publicly owned wastewater treatment facilities (O.R.C. §6111.02 and 6111.03).*
- II. *Coordinating, through the Lake Erie Commission, State and local policies and programs pertaining to Lake Erie water quality; reviewing, and making recommendations concerning, the development and implementation of policies, programs and issues for long-term, comprehensive protection of Lake Erie water resources and water quality that are consistent with the Great lakes Water Quality Agreement and Great Lakes Toxic Substances Control Agreement (O.R.C. §1506.21).*
- III. *Using the Lake Erie Protection Fund (LEPF) to establish a firm scientific base for implementing a basin-wide system of water quality management for Lake Erie and its tributaries; supporting research to improve the scientific knowledge on which Lake Erie aquatic resource protection policies are based (O.R.C. §1506.23).]*

Sediments would be removed from the channel bottom by a mechanical or hydraulic dredge and placed into hoppers aboard ship or scow for transport to the dredged sediment placement areas. The method of excavation will be determined by the Contractor performing the maintenance dredging. A Section 401 Water Quality Certification (WQC) has been requested from the Ohio Environmental Protection Agency (OEPA). Conneaut Harbor sediment data was collected in 2012 to specifically evaluate its suitability for open-lake placement in accordance with joint U.S. Environmental Protection Agency (USEPA)/USACE protocols contained in the Great Lakes Dredged Material Testing and Evaluation Manual (1998). The sediment was sampled, tested and evaluated using a tiered approach pursuant to these protocols and guidelines. Based on

this Tiered Evaluation, the USACE has determined that the sediment proposed to be dredged from the Conneaut Harbor Federal navigation channels meets Federal guidelines and is suitable for open-lake placement. Therefore the sediment dredged from the Conneaut Harbor channels will be placed into the existing, authorized open-lake placement area, which is located four miles from the West Breakwater light, at an azimuth of 314°00'. Coarse-grain sediment dredged from the Municipal Access Channel, if determined suitable, will be discharged as littoral nourishment at a nearshore area located approximately 1500 feet east of the Conneaut Harbor East Breakwater Extension. The proposed placement areas are depicted in Figure 2 of the project Section 404(a) Public Notice.

**2.1.2 Policy 17 - Dredging and Dredged Material Disposal** *[It is the policy of the State of Ohio to provide for the dredging of harbors, river channels and other waterways and to protect the water quality, public right to navigation, recreation and natural resources associated with these waters in the disposal of the dredged material by:*

- a. regulating, through the Ohio Environmental Protection Agency water quality certification, the discharge or disposal of dredged material (O.R.C. §6111.03[p] and O.A.C. 3745-1);*
- b. requiring a lease for State-administered submerged lands through the Department of Natural Resources before initiating the confined disposal of dredged material in the waters or on lands underlying the waters of Lake Erie (O.R.C. §1506.11);*
- c. regulating commercial dredging of mineral resources (O.R.C. §1505.07 and O.R.C. §1505.99);*  
*and*
- d. coordinating interdisciplinary reviews of dredging projects at Ohio's Lake Erie ports and providing technical and funding assistance to help select and implement environmentally sound dredging and dredged sediment management practices.]*

An estimated total of 180,000 cubic yards of sediment will be dredged in 2016 from the authorized limits of the Federal navigation channels of Conneaut Harbor under this project. All sediment dredged from Conneaut Harbor Federal navigation channels has been determined to meet Federal guidelines for open-lake placement. Therefore, predominantly fine-grain dredged sediment would be discharged into an existing open-lake area located four miles from the West Breakwater light, at an azimuth of 314°00'. Predominantly coarse-grain sediment dredged from the Municipal Access Channel, if determines suitable, would be placed at an existing nearshore area located approximately 1500 feet east of the Conneaut Harbor East Breakwater Extension. The USACE-Buffalo District has requested WQC from OEPA for the placement of this dredged sediment within these areas.

**2.1.3 Policy 19 - Lake Erie Ports** *[It is the policy of the State of Ohio to promote and provide for maritime commerce and related economic development along the Lake Erie shore by:*

- a. providing assistance to, and assisting in the procurement of Federal funds for port development activities for local governments and port authorities that have the powers to plan, improve, acquire, enlarge, operate, maintain and finance port activities and projects; and*
- b. encouraging the development of comprehensive port facility and expansion master plans and improvement projects through financial assistance from the Ohio Department of Transportation.]*

The proposed maintenance dredging would be consistent with the promotion of maritime commerce and related economic development at Conneaut Harbor.

**2.1.4 Policy 26 - Preservation of Cultural Resources** *[It is the policy of the State of Ohio to provide for the preservation of cultural resources to ensure that the knowledge of Ohio's history and pre-history is made available to the public and is not willfully or unnecessarily destroyed or lost, by:*

*a. protection of cultural resources on or eligible for State and National registers of historic places (O.R.C. §149.51 through 149.55);*

*b. regulating recovery of submerged abandoned property through permits (O.R.C. §1506.32);*

*c. establishing and enforcing Lake Erie submerged lands preserves (O.R.C. §1506.31).]*

There are no registered historic properties listed as being eligible for inclusion in the National Register of Historic Places that will be affected by this project. Since the dredging and placement operations would be restricted to those areas which have been historically impacted by these activities, the likelihood of encountering unknown cultural resources is low. In the event that unrecorded historic or archaeological remains are encountered during the course of the dredging operations, the State Historic Preservation Office (SHPO) will be duly notified and appropriate measures will be taken to protect and preserve their integrity.

**2.1.5 Policy 27 - Fisheries Management** *[It is the policy of the State of Ohio to assure the continual enjoyment of the benefits received from the fisheries of lake Erie and to maintain and improve these fisheries by:*

*a. regulating the taking of fish (O.R.C. §1531.08 and O.A.C. 1501.31);*

*b. prosecuting persons responsible for stream litter and for water pollution resulting in fish kills (O.R.C. §1531.29 and 1531.02);*

*c. protecting fish habitat through Ohio EPA's Section 401 water quality certification authority (O.R.C. §6111.03[o] and 6111.03[p] and O.A.C. 3745-1 and 3745-32);*

*d. considering the protection of fish habitat through the review of State and Federal permit applications;*

*e. establishing State wildlife areas for fish and wildlife habitat (O.R.C. §1531.06);*

*f. surveying fish populations and trends and conducting other fishery research studies;*

*g. providing access to the fishery; and*

*h. providing technical and general information about the Lake Erie fisheries.]*

Construction activities may temporarily cause local fish communities to avoid the project area, or in some cases may attract fish due to the presence of benthic macroinvertebrates that may be suspended by the dredging and open-lake placement of dredged sediment. The Contractor would be required to keep construction activities under surveillance, management and control to minimize interference with, disturbance to and damage of

local fisheries. To avoid significant adverse impacts to these species, an environmental window has been coordinated with the Ohio Department of Natural Resources (ODNR). Dredging and dredged sediment placement would be scheduled to occur during the period between 1 July and 15 September in order to avoid any significant adverse impacts to local fishery resources and activities.

**2.1.6 Policy 29 - Wildlife Management** *[It is the policy of the State of Ohio to provide for the management of wildlife in the coastal area to assure the continued enjoyment of benefits received from wildlife by:*

*a. protecting all wildlife including nongame and endangered species (O.R.C. §1531.02, 1531.08 and 1531.25);*

*b. regulating the taking of wildlife (O.R.C. Chapter 1533 and O.A.C. 1501:31);*

*c. establishing State wildlife areas and providing recreation opportunities;*

*d. providing food, cover and habitat for wildlife; and*

*e. providing non-game wildlife research and education funding.]*

Based on the review of available environmental data, we have determined that the proposed work will not affect any species proposed or listed by the U.S. Department of the Interior or ODNR as threatened or endangered, nor will it affect the designated critical habitat of any such species.

There may be a short-term avoidance or attraction to the dredging operation by aquatic based birds such as gulls, terns and waterfowl. There would be no measurable effect on populations of migratory birds.

**2.1.7 Policy 30 - Air Quality** *[It is the policy of the State of Ohio to attain and maintain air quality levels that protect public health and prevent injury to plant and animal life and property by surveying and monitoring air quality; enforcing national ambient air quality standards through permits and variances; and restricting open burning. (O.R.C. Chapters 3745, 3706, and 5709).]*

The normal exhaust fumes and fugitive dust produced by construction equipment and practices may temporarily impact air quality in the localized area. This impact will be minor and short-term.

**2.1.8 Policy 33 - Visual and Aesthetic Quality** *[It is the policy of the State of Ohio to protect the visual and aesthetic amenities of Lake Erie and its shoreline to enhance the recreational, economic, cultural and environmental values inherently associated with the coastal area by:*

*a. prohibiting the dumping of litter and refuse into or along the waters of Lake Erie and its tributaries, and maintaining law enforcement activities to apprehend violators (O.R.C. §1531.29 and 3767.32);*

*b. enforcing State water quality standards (O.R.C. Chapter 6111, O.A.C. 3745-1-04);*

*c. preserving aesthetic resource areas of Statewide significance through the nature preserve, park development and historic preservation programs.]*

The presence of dredging equipment and short-term impacts on air and water quality would temporarily detract from the aesthetic quality of the harbor area. However, completion of the proposed maintenance dredging project would maintain sufficient depths for deep-draft commercial vessels and the harbor will return to its prevailing conditions shortly after completion of the dredging activities.

### **3. CONCLUSION**

3.1 In accordance with Coastal Zone Management Regulations 15 CFR, Part 930.34(a), the USACE has determined that the proposed action would be undertaken in a manner which is consistent to the maximum extent practicable with the State of Ohio Coastal Management Program.



US Army Corps  
of Engineers®

# Public Notice

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Issuing Office: CELRB-PM-EA  
Notice No: CONNEAUT-16

Published: 16 DEC 2015  
Expires: 15 JAN 2016

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## OPERATION AND MAINTENANCE DREDGING AND DREDGED SEDIMENT PLACEMENT

### CONNEAUT HARBOR

### ASHTABULA COUNTY, OHIO

This Public Notice has been prepared pursuant to Section 404(a) of the Clean Water Act (CWA). It is being administered in conformance with U.S. Army Corps of Engineers (USACE) regulation, "Practice and Procedure: Final Rule for Operation and Maintenance of Army Corps of Engineers Civil Works Projects involving the Discharge of Dredged Materials into Waters of the United States or Ocean Waters," 33 Code of Federal Regulations (CFR) 337.1. The purpose of this Public Notice is to specify what dredged/fill materials would be discharged into waters of the United States by implementation of the proposed action, and advise all interested parties of the proposed project and to provide an opportunity to submit comments, or request a public hearing.

The USACE anticipates the need to dredge and manage sediments excavated from the authorized Federal navigation channels of Conneaut Harbor, which is located on the southern shore of Lake Erie at the mouth of the Conneaut Creek, in order to maintain sufficient water depths for deep-draft commercial and recreational navigation. Federal navigation channels within the Harbor include the Outer Harbor Channel, Inner Harbor Channel, and Municipal Access Channel. The attached map (Figure 1) shows the authorized limits and depths of the Federal navigation channels. To ensure that the minimum authorized depth in Conneaut Harbor is maintained and to account for dredging tolerance, up to an additional one foot of sediment may be dredged. An estimated total of approximately 180,000 cubic yards of sediment will be dredged from Conneaut Harbor Federal navigation channels during the 2016 dredging operation.

The 2016 dredging operation at Conneaut Harbor is tentatively scheduled to be performed during the period between 1 July and 15 September.

A contractor of the Federal government will accomplish the project. Sediments will be removed from the channel bottom by a mechanical or hydraulic dredge and placed into hoppers aboard ship or scow for transport to the placement areas. The method of excavation will be determined by the contractor performing the maintenance dredging. In previous years, clamshell and hopper

dredges have been used to complete the required work.

The sediment to be dredged from the Conneaut Harbor Federal navigation channels consists primarily of silts and clays, with some sands. The quality of the sediment has been evaluated using 2012 sediment data in accordance with the protocols and guidelines contained in the U.S. Environmental Protection Agency (USEPA)/USACE Great Lakes Dredged Material Testing and Evaluation Manual (1998) and Evaluation of Dredged Material Proposed for Discharge in Waters of the U.S.—Testing Manual (1998). This evaluation concluded that sediments in the Conneaut Harbor Federal navigation channels are toxicologically comparable to sediments at the open-lake reference area in Lake Erie, and meet “contaminant determination” CWA Section 404(b)(1) Guidelines for open-lake and nearshore placement. Historically, sediment from the Municipal Access Channel of Conneaut Harbor has been primarily coarse-grain in nature and has in the past been determined to be suitable for use as nearshore littoral nourishment. Additional sampling and analysis within this reach will be conducted prior to the 2016 maintenance dredging of Conneaut Harbor to determine if the material that has shoaled within the Municipal Access Channel since the last dredging is suitable for nearshore placement. If determined suitable for nearshore placement, approximately 40,000 cubic yards of coarse-grain sediment dredged from the Municipal Access Channel will be discharged as littoral nourishment at a nearshore area located approximately 1,500 feet east of the Conneaut Harbor East Breakwater Extension. The remaining sediment dredged (approximately 140,000 cubic yards of predominantly fine grain material) will be discharged at an existing open-lake placement area in Lake Erie, located four miles from the West Breakwater light, at an azimuth of 314°00'. The proposed placement areas are depicted in Figure 2.

Placement of the coarse-grain Municipal Access Channel dredged sediment in the nearshore zone may cost significantly more when compared to “deep water” open-lake placement due to shallow water depths. Shallow water depths for the purposes of nearshore placement in this Public Notice are specified as: (1) between -11 feet Low Water Datum (LWD) and the ordinary high water mark; and between -8 feet LWD and the ordinary high water mark. Sediment will be placed at the shallowest depth possible (-8 feet LWD) if there are no increased costs to the Federal government (when compared to the costs for placement at the -11-foot LWD depth). If placement in the nearshore zone at depths of -8 feet LWD cost significantly more than open-lake placement, a partner will need to pay the increased cost of nearshore placement.<sup>1</sup>

Pursuant to Section 401 of the CWA, Water Quality Certification (WQC) from the Ohio Environmental Protection Agency (OEPA) is required for the discharge of dredged sediment. Therefore, a copy of this Public Notice has been provided to OEPA requesting WQC, or waiver thereof, for the associated placement of dredged sediment.

The environmental effects of the dredging operation are documented in the *Final Environmental Impact Statement (FEIS), Operation and Maintenance, Conneaut Harbor, Ohio (1975)*;

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<sup>1</sup> Low Water Datum (LWD) for Lake Erie is 569.2 feet above mean sea level at Rimouski, Quebec, Canada (International Great Lakes Datum 1985).

***Supplemental Information Report and Section 404(b)(1) Evaluation, Operation and Maintenance, Conneaut Harbor, Ohio (1982 and 2004); and Environmental Assessment (EA)/Finding of No Significant Impact Statement (FONSI) and Section 404(b)(1) Evaluation for Conneaut Harbor, Ohio (1999).*** These documents, and supplemental documentation, have been submitted to USEPA. Copies are available for examination at the Buffalo District office.

There are no listed historic properties or properties determined as being eligible for listing in the National Register of Historic Places that will be affected by this project. By this notice, the National Park Service is advised that currently unknown archaeological, scientific, prehistorical or historical data may be lost or destroyed by the work to be accomplished.

This office has determined that the proposed project will have No Effect upon any species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will the proposed work result in an Adverse Modification of designated critical habitat for any such species. Therefore, unless new information indicates otherwise, no further consultation pursuant to Section 7 of the Endangered Species Act Amendments of 1978 will be undertaken with the U.S. Fish and Wildlife Service.

This work will be undertaken in a manner consistent, to the maximum extent practicable, with the State of Ohio Coastal Resources Management Program. A Coastal Management Program Federal Consistency Determination has been submitted to the Ohio Department of Natural Resources (ODNR) documenting this determination. Due to the project's proximity to the Pennsylvania State border, this activity has also been evaluated with respect to the Pennsylvania Coastal Resources Management Program. This evaluation has determined that the work will be undertaken in a manner consistent, to the maximum extent practicable, with the Pennsylvania Coastal Resources Management Program. A Coastal Management Program Federal Consistency Determination has been submitted to the Pennsylvania Department of Environmental Protection (PADEP) documenting this determination.

The decision whether to perform dredging has been based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision reflects the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal has been balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal have been considered including the cumulative factors 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.

This activity is being coordinated with the following agencies, as well as other appropriate Federal, State and local agencies and organizations:

National Park Service  
Ohio Department of Natural Resources  
Ohio Environmental Protection Agency  
Ohio Historic Preservation Office  
Pennsylvania Department of Environmental Protection  
U.S. Coast Guard  
U.S. Department of the Interior, Fish and Wildlife Service  
U.S. Environmental Protection Agency

Any interested parties and/or agencies desiring to express their views concerning these proposed discharges of dredged material may do so by filing their comments, in writing, no later than 30 days from the date of this notice. Any person who has an interest which may be affected by the discharge of this dredged material may request a public hearing. The request must be submitted in writing to the undersigned within 30 days of the date of this Public Notice. The request must clearly set forth the interest which may be affected, and the manner in which the interest may be affected, by this activity.

Interested parties are encouraged to contact the USACE-Buffalo District with their comments regarding the proposed dredging of Conneaut Harbor. Please review this Public Notice and send your comments in writing within 30 days to the following e-mail address:

[ConneautDredging@usace.army.mil](mailto:ConneautDredging@usace.army.mil)

or via mail to:

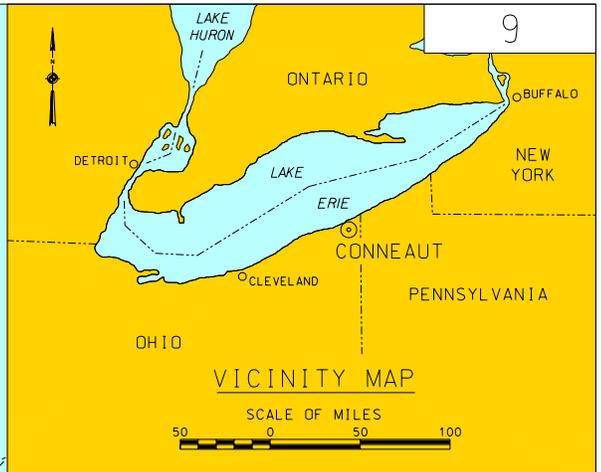
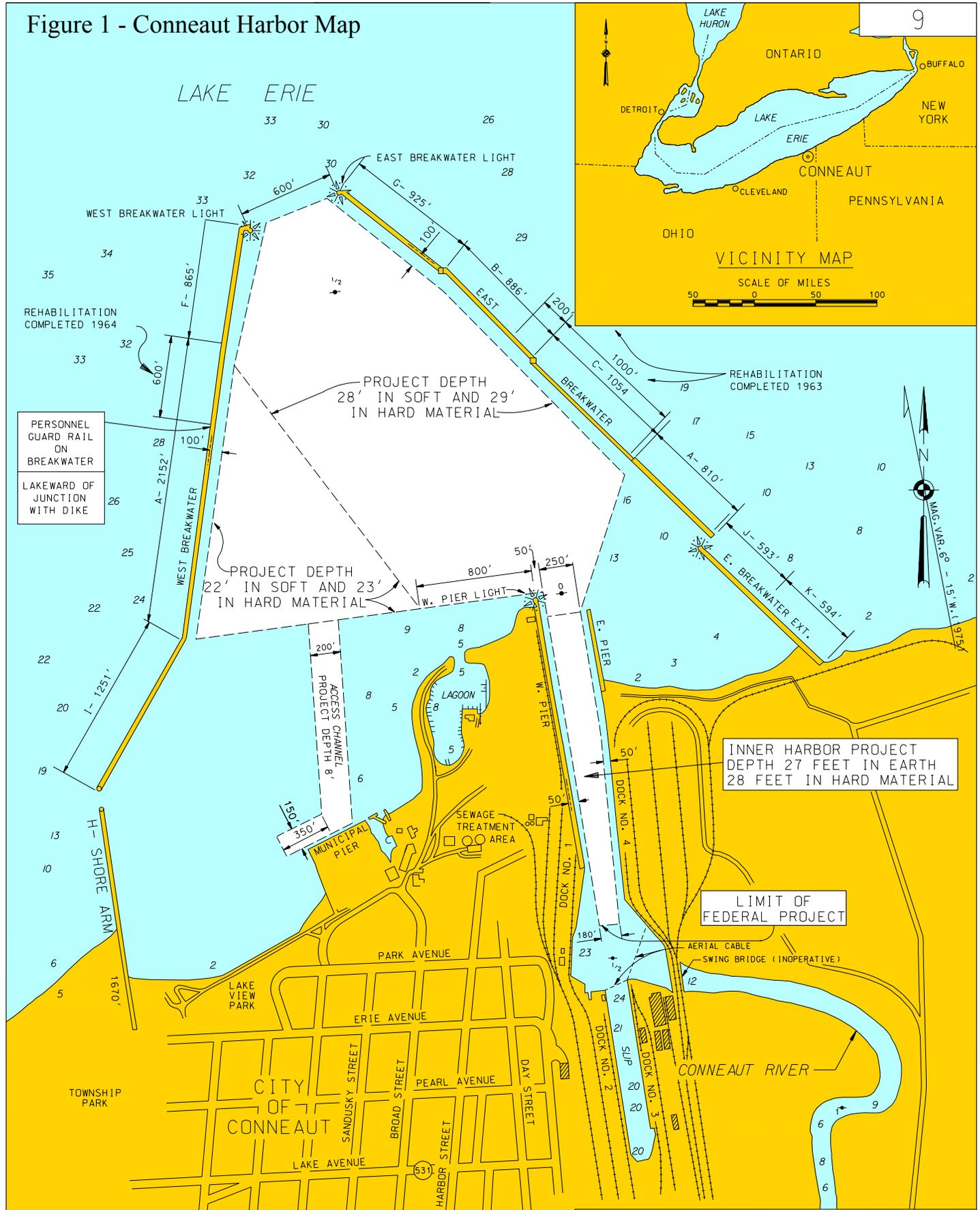
U.S. Army Corps of Engineers - Buffalo District  
Environmental Analysis Team  
1776 Niagara Street  
Buffalo, NY 14207-3199  
ATTN: Environmental Analysis - Conneaut Dredging

This Public Notice is published in conformance with 33 CFR 337.1. All dredging and dredged material discharge will be performed in conformance with Sections 313 and 404 of the CWA (33 USC 1323 and 1344, respectively).

Attachments

**NOTICE TO THE POSTMASTER:** It is requested that the above notice be conspicuously displayed for 30 days from the date of issuance.

Figure 1 - Conneaut Harbor Map



PERSONNEL GUARD RAIL ON BREAKWATER  
LAKEWARD OF JUNCTION WITH DIKE

INNER HARBOR PROJECT DEPTH 27 FEET IN EARTH 28 FEET IN HARD MATERIAL

LIMIT OF FEDERAL PROJECT

**NOTES**  
PROJECT DEPTH AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM ELEVATION 569.2 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (IGLD 1985) (INTERNATIONAL GREAT LAKES DATUM 1985)

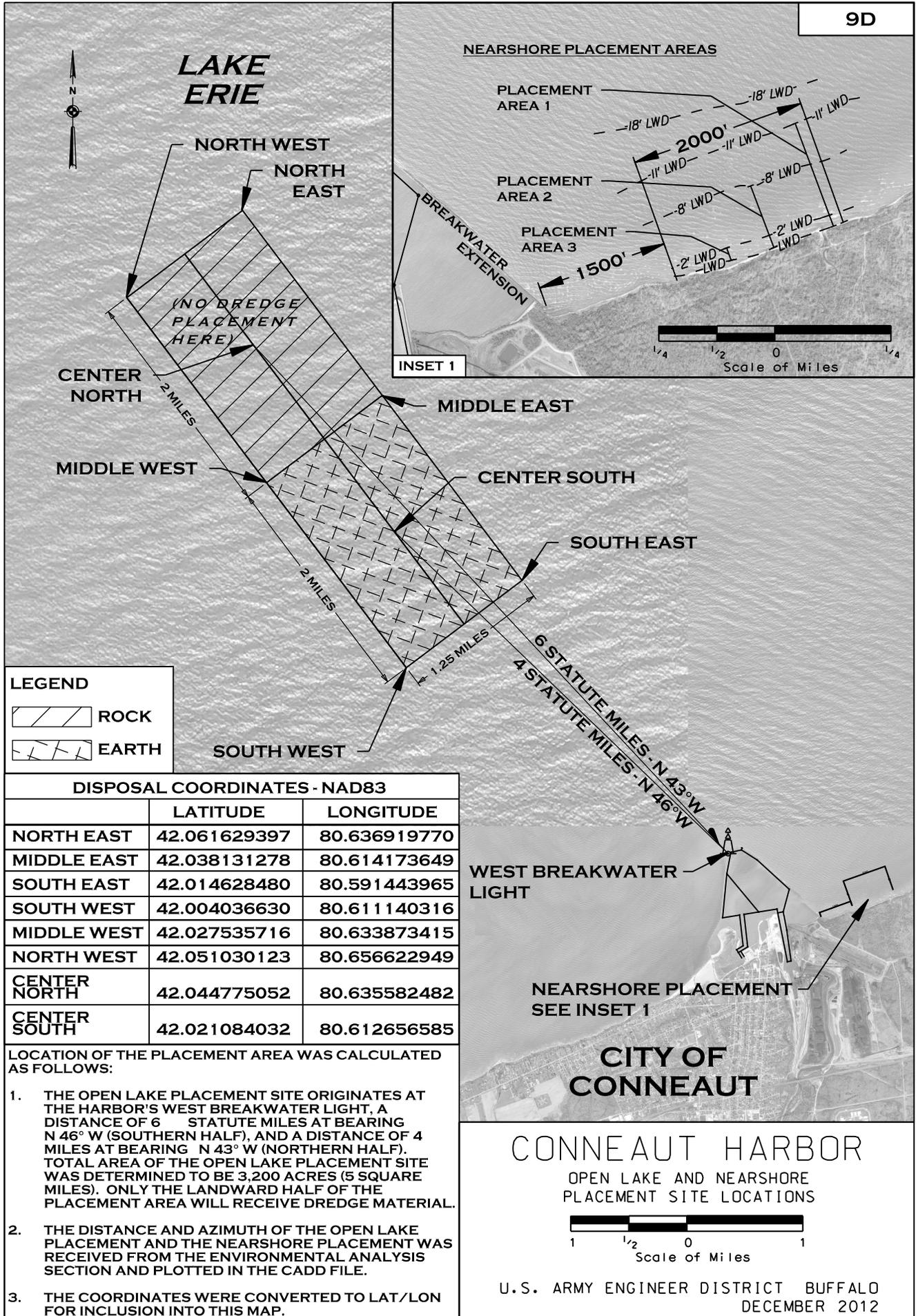
- MILES FROM WEST PIER LIGHT
- ⑦ INDICATES STATE ROUTES

**CONNEAUT HARBOR OHIO**

SCALE OF FEET

500 0 500 1000 1500

U.S. ARMY ENGINEER DISTRICT BUFFALO  
MAY 2000



**LEGEND**

ROCK

EARTH

**DISPOSAL COORDINATES - NAD83**

	LATITUDE	LONGITUDE
NORTH EAST	42.061629397	80.636919770
MIDDLE EAST	42.038131278	80.614173649
SOUTH EAST	42.014628480	80.591443965
SOUTH WEST	42.004036630	80.611140316
MIDDLE WEST	42.027535716	80.633873415
NORTH WEST	42.051030123	80.656622949
CENTER NORTH	42.044775052	80.635582482
CENTER SOUTH	42.021084032	80.612656585

- LOCATION OF THE PLACEMENT AREA WAS CALCULATED AS FOLLOWS:
1. THE OPEN LAKE PLACEMENT SITE ORIGINATES AT THE HARBOR'S WEST BREAKWATER LIGHT, A DISTANCE OF 6 STATUTE MILES AT BEARING N 46° W (SOUTHERN HALF), AND A DISTANCE OF 4 MILES AT BEARING N 43° W (NORTHERN HALF). TOTAL AREA OF THE OPEN LAKE PLACEMENT SITE WAS DETERMINED TO BE 3,200 ACRES (5 SQUARE MILES). ONLY THE LANDWARD HALF OF THE PLACEMENT AREA WILL RECEIVE DREDGE MATERIAL.
  2. THE DISTANCE AND AZIMUTH OF THE OPEN LAKE PLACEMENT AND THE NEARSHORE PLACEMENT WAS RECEIVED FROM THE ENVIRONMENTAL ANALYSIS SECTION AND PLOTTED IN THE CADD FILE.
  3. THE COORDINATES WERE CONVERTED TO LAT/LON FOR INCLUSION INTO THIS MAP.