

**U.S. ARMY CORPS OF ENGINEERS
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT**
33 CFR 325. The proponent agency is CECW-CO-R.

OMB APPROVAL NO. 0710-0003
EXPIRES: 28 FEBRUARY 2013

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

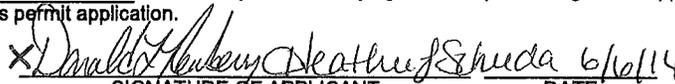
1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Donald Middle - L. Last - Newberry & Heather L. Schieda Company - E-mail Address - dlnewberry@gmail.com		8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - John Middle - S. Last - Matricardi Company - KS Associates, Inc. E-mail Address - MatricardiJ@KSAssociates.com	
6. APPLICANT'S ADDRESS: Address- 33206 Lake Road City - Avon Lake State - Ohio Zip - 44102 Country - USA		9. AGENT'S ADDRESS: Address- 260 Burns Road, Suite 100 City - Elyria State - Ohio Zip - 44035 Country - USA	
7. APPLICANT'S PHONE NOs. w/AREA CODE a. Residence 216-262-4633 b. Business c. Fax		10. AGENTS PHONE NOs. w/AREA CODE a. Residence b. Business 440-365-4730 x 331 c. Fax 440-385-4790	

STATEMENT OF AUTHORIZATION

11. I hereby authorize, John Matricardi, P.E. to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.


 SIGNATURE OF APPLICANT DATE 6/16/14
 Donald L. Newberry & Heather L. Schieda

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see Instructions) Shoreline Improvements at 33206 Lake Road, Avon Lake, Ohio			
13. NAME OF WATERBODY, IF KNOWN (if applicable) Lake Erie		14. PROJECT STREET ADDRESS (if applicable) Address 33206 Lake Road	
15. LOCATION OF PROJECT Latitude: °N 41d 30' 34" Longitude: °W 82d 02' 15"		City - Avon Lake State- Ohio Zip- 44102	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see Instructions) State Tax Parcel ID 04-00-007-104-043 Municipality Avon Lake Section - Township - Range -			

17. DIRECTIONS TO THE SITE

From Westbound I-90 take exit 153 for OH-83. Turn right onto OH-83N/Center Road. Turn right onto OH-83/Chester Road. Turn left to stay on OH-83/Center Road. Continue north on OH-83 for 3.2 miles. Turn left onto US-6/Lake Road. Continue west on US-6/Lake Road for 1 mile. Arrive at 33206 Lake Road on the right.

18. Nature of Activity (Description of project, include all features)

The proposed project includes the construction of 140 linear feet of new concrete module seawall, a 10-foot wide by 45-foot long concrete module pier, a concrete module retaining wall, a poured concrete boat house and the placement of approximately 50 tons of armor stone. The concrete module seawall will be constructed with two courses of 7-foot long by 3-foot wide by 4-foot high concrete modules to be placed on shale bedrock at an elevation of 569.0 feet IGLD 1985 and filled with concrete. The modules will be anchored with 3/4" inch rebar set 1-foot into shale bedrock and 3-foot wide by 3-foot high by 3-foot long concrete block deadmen set back 15 feet from the seawall. Additional 3-foot blocks will be placed at the joints between concrete modules. The seawall will be capped at an elevation of 578.0 feet IGLD 1985 with a 12-inch thick concrete slab reinforced with #5 rebar at 12" on center in both directions. The concrete module pier will be constructed with similar 7-foot by 3-foot by 4-foot concrete modules placed on shale bedrock at an elevation of 567.3 feet IGLD 1985 and will be capped with an 8-inch thick concrete slab at a maximum elevation of 576.0 feet IGLD 1985. A 10-foot wide steel bridge constructed with a 1" steel grate framed with W8x35 beams will connect the pier to the seawall. The concrete module retaining wall will be constructed with similar 7-foot by 3-foot by 4-foot concrete blocks as the seawall and pier. The maximum elevation of the retaining wall will range from 585.0 feet IGLD 1985 to 597.0 feet IGLD 1985 in the area of a new 17-foot wide x 25-foot long poured concrete boat house near the east end of the site. The bluff landward of the lower portion of the retaining wall will be re-graded to a stable slope. 50 tons of 2-4 ton armor stone will also be placed along the east side of the proposed seawall to limit wave reflection.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The purpose of the proposed structures is to provide safe access the waters of Lake Erie and to prevent wave-based erosion.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

To install the concrete modules, concrete rubble, poured concrete structures and armor stone required to construct the concrete seawall, pier, and retaining walls.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards
Concrete: 669 cy (169 below OHW)	Concrete rubble: 353 cy (99 below OHW)	2-4 ton armor stone: 32 cy (14 below OHW)

Concrete includes pre-cast concrete modules and poured concrete to fill the modules and construct the structure caps.

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 0.0665 Acres
or
Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

The lakeward extent of the concrete block seawall was selected in order to prevent damage to existing structures along the shore of the western adjacent property. The proposed seawall will be constructed by placing the new concrete modules directly lakeward of the existing modules near the west property line. The seawall will be constructed approximately parallel to the bluff. The proposed seawall extends approximately 25 feet lakeward from the toe of the bluff near the center of the project site. Based on water levels and wave conditions at the site, an armor stone revetment to provide similar protection from wave action would need to extend from a toe elevation of about 567.5 feet IGLD 1985 to a crest elevation of about 585 feet IGLD 1985 at a minimum of a 1.5 horizontal to 1 vertical slope and would need to extend a minimum of 26.25 feet lakeward from the toe of the bluff. The dimensions of the proposed concrete pier were selected to extend far enough to provide a minimum of 4 feet of water depth during typical summer lake levels.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- 33218 Lake Road

City - Avon Lake State - Ohio Zip - 44012

b. Address- 33200 Lake Road

City - Avon Lake State - Ohio Zip - 44012

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
ODNR	Shore Structure Permit		6/9/14		
ODNR	Submerged Lands Lease		6/9/14		

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

Donald L. Newberry & Heather L. Schleda
 SIGNATURE OF APPLICANT
 Donald L. Newberry & Heather L. Schleda
 DATE 6/16/14

John Matricardi
 SIGNATURE OF AGENT
 John Matricardi, P.E.
 DATE 6/14/14

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

General Information Block 18. Brief description of the proposed structure or project

The proposed project includes the construction of 140 linear feet of new concrete module seawall, a 10-foot wide by 45-foot long concrete module pier, a concrete module retaining wall, a poured concrete boat house and the placement of approximately 50 tons of armor stone. The concrete module seawall will be constructed with two courses of 7-foot long by 3-foot wide by 4-foot high concrete modules to be placed on shale bedrock at an elevation of 569.0 feet IGLD 1985 and filled with concrete. The modules will be anchored with 3/4" inch rebar set 1-foot into shale bedrock and 3-foot wide by 3-foot high by 3-foot long concrete block deadmen set back 15 feet from the seawall. Additional 3-foot blocks will be placed at the joints between concrete modules. The seawall will be capped at an elevation of 578.0 feet IGLD 1985 with a 12-inch thick concrete slab reinforced with #5 rebar at 12" on center in both directions. The concrete module pier will be constructed with similar 7-foot by 3-foot by 4-foot concrete modules placed on shale bedrock at an elevation of 567.3 feet IGLD 1985 and will be capped with an 8-inch thick concrete slab at a maximum elevation of 576.0 feet IGLD 1985. A 10-foot wide steel bridge constructed with a 1" steel grate framed with W8x35 beams will connect the pier to the seawall. The concrete module retaining wall will be constructed with similar 7-foot by 3-foot by 4-foot concrete blocks as the seawall and pier. The maximum elevation of the retaining wall will range from 585.0 feet IGLD 1985 to 597.0 feet IGLD 1985 in the area of a new 17-foot wide x 25-foot long poured concrete boat house near the east end of the site. The bluff landward of the lower portion of the retaining wall will be re-graded to a stable slope. 50 tons of 2-4 ton armor stone will also be placed along the east side of the proposed seawall to limit wave reflection.

SHORE STRUCTURE PERMIT APPLICATION

\$1506.40 ORC

1. Professional Engineer: John S. Matricardi, P.E.		2. Ohio registration number: 044003
3. Mailing address: KS Associates, Inc. 260 Burns Road, Suite 100 Elyria, Ohio 44035	4. Phone number: 440-365-4730 Ext. 331	7. Submittals (check if enclosed) <input checked="" type="checkbox"/> Construction drawings (by professional engineer) <input checked="" type="checkbox"/> Design information
	5. Fax number: 440-365-4790	
	6. Email address: matricardjj@ksassociates.com	

SUBMERGED LANDS LEASE APPLICATION

\$1506.11 ORC

1. Total Area of Submerged Lands to be Occupied:		
2. Upland deed recording information [Deed book]	[Deed page]	Inst. # 2014-0495814
3. Local Authority Issuing Resolution: City of Avon Lake		Date issued: To be submitted
4. Was any Portion of the Structure Erected in Lake Erie Prior to October 13, 1955?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Brief Explanation of the Purpose of the Structure or Project (<i>attach additional sheets if necessary</i>): The purpose of the proposed structures is to provide safe access the waters of Lake Erie and to prevent wave-based erosion.		6. Submittals (check if enclosed): <input checked="" type="checkbox"/> Construction drawings <input checked="" type="checkbox"/> Copy of title deed <input checked="" type="checkbox"/> Metes & bounds description and plat <input type="checkbox"/> Local resolution or ordinance To be submitted <input type="checkbox"/> Legal documentation of signature authority (Not applicable)

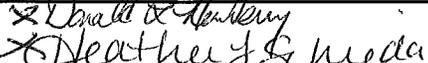
COASTAL EROSION AREA PERMIT APPLICATION

\$1506.07 ORC

1. Authorization Type:	<input type="checkbox"/> Existing	<input type="checkbox"/> New Measure	Date Built (if existing):
2. Upland deed recording information [Deed book]	[Deed page]		
3. Construction start date for the building or addition:			
4. Brief description of the building or addition (<i>attach additional sheets if necessary</i>):		5. Submittals (check if enclosed): <input type="checkbox"/> Construction drawings <input type="checkbox"/> Permanent structure drawings <input type="checkbox"/> Copy of title deed <input type="checkbox"/> Construction schedule <input type="checkbox"/> Design information	

SIGNATURE AND CONSISTENCY STATEMENT

\$1506.03 ORC

I certify that the proposed activity identified in this application shall comply with Ohio's approved Coastal Management Program and will be conducted in a manner consistent with such program (15 CFR 930.57 and ORC 1506.03).	
I do additionally certify that I am familiar with the information contained in this application and, to the best of my knowledge and belief, such information is true, complete and accurate.	
	6/16/14

Signature of Property Owner or Authorized Agent

Date

Donald L. Newberry & Heather L. Schieda

Application page 2 of 2

MAIL TO: Ohio DNR Office of Coastal Management, 105 West Shoreline Drive, Sandusky OH 44870



COASTAL PERMITS AND LEASE APPLICATION

Please consult the instructions prior to completing this form. Please type or print clearly using blue or black ink.

GENERAL INFORMATION

1. Property owner name: Donald L. Newberry & Heather L. Schieda	
2. Mailing address: 33206 Lake Road Avon Lake, Ohio 44012	3. Home telephone number: 216-262-4633
	4. Alternate telephone number:
	5. Email address: dlnewberry@gmail.com
6. Authorized agent/representative name: KS Associates, Inc., ATTN: John S. Matricardi, P.E.	
7. Mailing address: 260 Burns Road, Suite 100 Elyria, Ohio 44035	8. Telephone number: 440-365-4730 Ext. 331
	9. Fax Number: 440-365-4790
	10. Email address matricardij@ksassociates.com

11. Street address: 33206 Lake Road, Avon Lake, Ohio 44012	
12. Permanent parcel number(s): 04-00-007-104-043	
13. City or township: Avon Lake	14. County: Lorain
15. Site location description (if necessary): See location map.	16. Submittals (check if enclosed): <input checked="" type="checkbox"/> Location map

17. Name of adjoining shoreline property owner(s)	Street address/city/state/ zip code (include permanent mailing and local)
Robert L. Deeks	33218 Lake Road, Avon Lake, Ohio 44012
Ada C. Wiley, Trustee	33200 Lake Road, Avon Lake, Ohio 44012

18. Brief description of the proposed structure or project (attach additional sheets if necessary): See attached project description.	
19. Anticipated start date: 10/2014	20. Anticipated finish date: 11/2014

21. To apply for an authorization, check the box below and complete the application on the reverse page:		
<input checked="" type="checkbox"/> Shore Structure Permit	<input checked="" type="checkbox"/> Submerged Lands Lease	<input type="checkbox"/> Coastal Erosion Area Permit
<input type="checkbox"/> Shore Structure Permit Modification	<input type="checkbox"/> Submerged Lands Lease Modification	<input checked="" type="checkbox"/> Consistency Statement

AGENCY USE ONLY				
Application Reference #:		Date Received:		
Lease Reference #:	This copy to:	<input type="checkbox"/> SSP	<input type="checkbox"/> SLL	<input type="checkbox"/> CEA
		<input type="checkbox"/> Other		