



AGENCY USE	Previous USACE File Number	Date Received	DEQ File Number	
	USACE File Number		Fee received \$	

Validate that all parts of this checklist are submitted with the application package. Fill out application and additional pages as needed.

☒ All items in Sections 1 through 9 are completed.

☒ Project-specific Sections 10 through 20 are completed.

☒ Dimensions, volumes, and calculations are provided for all impact areas.

☒ All information contained in the headings for the appropriate Sections (1-20) are addressed, and identified attachments (➔) are included.

☒ Map, site plan(s), cross sections; one set must be black and white on 8 1/2 by 11 inch paper; photographs.

☒ Application fee is attached.

1 Project Location Information For Latitude, Longitude, and TRS info anywhere in Michigan see www.mcqi.state.mi.us/wetlands/

Project Address (road, if no street address) Lakeview Road Seawall	Zip Code 48450	Municipality (Township/Village/City) Worth	County Sanilac
Property Tax Identification Number(s)	Latitude 43.22 N	Township/Range/Section (TRS) T 9N N or S; R 16E E or W; Sec 18	
Subdivision/Plat and Lot Number	Longitude - 82.52 W	OR Private Claim # _____	

2 Applicant and Agent Information

Owner/Applicant (individual or corporate name) Great Lakes Shores Subdivision, Inc., Dave Falzon, President	Agent/Contractor (firm name and contact person) BMJ Engineers & Surveyors, Inc., Michael W. Quaine
Mailing Address 36911 Ladywood	Mailing Address 519 Huron Ave.
City Livonia State MI Zip Code 48154	City Port Huron State MI Zip Code 48060
Contact Phone Number Fax (313) 770-2029	Contact Phone Number Fax (810) 984-5596 (810) 984-8760
Email ddcfalzon@sbcglobal.net	E-mail mquaine@bmjinc.com

☐ No ☒ Yes Is the applicant the sole owner of all property on which this project is to be constructed and all property involved or impacted by this project? ➔ If no, attach letter(s) of authorization from all property owners including the owner of the disposal site.

Property Owner's Name (If different from applicant)	Mailing Address
Contact Phone Number	City State Zip Code

3 Project Description

Project Name Great Lakes Shores Shoreline Protection	Preapplication File Number - - -P
Name of Water body Lake Huron	Date project staked/flagged 8-11-2016

The proposed project is on, within, or involves (check all that apply)		Project Use
<input type="checkbox"/> an inland lake (5 acres or more)	<input checked="" type="checkbox"/> a Great Lake or Section 10 Waters	<input checked="" type="checkbox"/> private
<input type="checkbox"/> a pond (less than 5 acres)	<input type="checkbox"/> a wetland	<input type="checkbox"/> commercial
<input type="checkbox"/> a stream, river, ditch or drain	<input type="checkbox"/> a 100-year floodplain	<input type="checkbox"/> public/government
<input type="checkbox"/> a legally established County Drain	<input type="checkbox"/> a dam	<input type="checkbox"/> project is receiving federal/state transportation funds
<input type="checkbox"/> Date Drain was established	<input type="checkbox"/> a designated high risk erosion area	<input type="checkbox"/> Wetland Restoration
<input type="checkbox"/> a channel/canal	<input type="checkbox"/> a designated critical dune area	<input type="checkbox"/> other
<input type="checkbox"/> 500 feet of an existing water body	<input type="checkbox"/> a designated environmental area	

Indicate the type of permit being applied for: ☐ General Permit ☒ Minor Project ☐ Individual (All other projects.) ➔ See Appendix C.

Written Summary of All Proposed Activities **Place sheet piles in front existing 60' of damaged seawall, place 280' long by 8' wide section of armor stone.**

Construction Sequence and Methods **Contractor will establish best maintenance practices before any construction starts for sediment control. Contractor will then drive 60' of sheet piles on waterward side of damaged seawall to plan grade. Contractor will excavate waterward side of seawall and then place 280' x 8' section of armor stone. Once construction is complete the contractor will restore disturbed areas and remove BMP's.**

**4 Project Purpose, Use and Alternatives** *Attach additional sheets as necessary.*

Describe the purpose of the project and its intended use; include any new development or expansion of an existing land use.

To reposition existing failed seawall and place rock rip rap shore protection at the baseall and repair the bluff behind it. The existing failed wall locations has created an emergency risk as the bluff in several locaitons. Continued scour from high water levels is undermining the wall, therefore shore protection and stone is needed.

Describe the alternatives considered to avoid or minimize resource impacts. Include factors such as, but to limited to, alternative locations, project layout and design, and construction technologies. For utility crossings include alternative routes and construction methods.

One alternative that was considered was to leave the damaged seawall in place, but leaving the damaged sections of the seawall in place without repositioning and reinforcing them may cause complete failure of the slope. Failure of the slope would cause sediment pollution to the waterway.

5 Locating Your Project Site *Attach a legible black and white map with a North arrow.*

Names of roads of closest intersection *Dogwood Road and Lakeview Road*

Directions from main intersection to the project site, with distances from the best and nearest visible landmark and water body *The area of interest is approximately 80' east of the abovementioned intersection. There is a yellow stairway approximately 125' north of the area of interest with Lake Huron to abutting the structure.*

Description of buildings on the site (color; 1 or 2 story, other)

No buildings are on site

Description of adjacent landmarks or buildings (address; color; etc)

Yellow, one story house directly west of the project area.

How can your site be identified if there is no visible address? *Corner of Dogwood Road and Lakeview Road. Look over guardrail.*

6 Easements and Other Permits

☒ No ☐ Yes Is there a conservation easement or other easement, deed restriction, lease, or other encumbrance upon the property?

➔ If yes, attach a copy. Provide copies of court orders and legal lake levels if applicable.

List all other federal, interstate, state, or local agency authorizations including required assurances for Critical Dune Area projects.

Agency	Type of Approval	Number	Date Applied	Date approved /denied	Reason for denial
<i>Sanilac Building Codes</i>	<i>SESC</i>				

7 Compliance

If a permit is issued, when will the activity begin? (M/D/Y)

Proposed completion date (M/D/Y)

☒ No ☐ Yes Has any construction activity commenced or been completed in a regulated area?

➔ If Yes, identify the portion(s) underway or completed on drawings or attach project specifications and give completion date(s).

☐ No ☐ Yes Were the regulated activities conducted under a DEQ and/or USACE permit?

➔ If Yes, list the permit numbers

☒ No ☐ Yes Are you aware of any unresolved violations of environmental law or litigation involving the property?

➔ If Yes, attach explanation.

8 Adjoining Property Owners *Provide current mailing addresses. Attach additional sheets/labels for long lists.*

<input type="checkbox"/> Established Lake Board	Contact Person	Mailing Address	City	State and Zip Code
<input type="checkbox"/> Lake Association				

List all adjoining property owners.

If you own the adjoining lot, provide the requested information for the first adjoining parcel that is not owned by you.

Property Owner's Name	Mailing Address	City	State and Zip Code
<i>Mary J/Robert Mercieca Trust</i>	<i>7294 Lakeview Road</i>	<i>Lexington</i>	<i>MI 48450</i>
<i>Kent/Susan Bock</i>	<i>1728 Broadstone Road</i>	<i>Grosse Pointe</i>	<i>MI 48236</i>
<i>Peter/Kathleen Belanger Trust</i>	<i>44135 Boulder Road</i>	<i>Clinton Township</i>	<i>MI 48038</i>
<i>Susan E. Lauzon Trust</i>	<i>7316 Lakeview Road</i>	<i>Lexington</i>	<i>MI 48450</i>

**Applicant's Certification***Read carefully before signing.*

I am applying for a permit(s) to authorize the activities described herein. I certify that I am familiar with the information contained in this application; that it is true and accurate; and, to the best of my knowledge, that it is in compliance with the State Coastal Zone Management Program. I understand that there are penalties for submitting false information and that any permit issued pursuant to this application may be revoked if information on this application is untrue. I certify that I have the authority to undertake the activities proposed in this application. By signing this application, I agree to allow representatives of the DEQ, USACE, and/or their agents or contractors to enter upon said property in order to inspect the proposed activity site before and during construction and after the completion of the project. I understand that I must obtain all other necessary local, county, state, or federal permits and that the granting of other permits by local, county, state, or federal agencies does not release me from the requirements of obtaining the permit requested herein before commencing the activity. I understand that the payment of the application fee does not guarantee the issuance of a permit.

- ☐ Property Owner
☐ Agent/Contractor
☒ Corp. or Public Agency / Title

Printed Name

David Falzon, President

Signature

Date

8/14/2016

**10 Projects Impacting Inland Lakes, Streams, Great Lakes, Wetlands or Floodplains**

- Complete only those sections A through M applicable to your project.
- If your project impacts wetlands also complete Section 12. If your project impacts regulated floodplains also complete Section 13.
- To calculate volume in cubic yards (cu yd), multiply the average length in feet (ft) times the average width (ft) times the average depth (ft) and divide by 27. Example: (25 ft long x 10 ft wide x 2 feet deep) / 27 = 18.5 cubic yards
- Some projects on the Great Lakes require an application for conveyance prior to Joint Permit Application completeness.
 - ➔ Provide a black and white overall site plan, with cross-section and profile drawings. Show existing lakes, streams, wetlands, and other water features; existing structures; and the location of all proposed structures, land change activities and soil erosion and sedimentation control measures. Review Appendix B and EZ Guides for aid in providing complete site-specific drawings.
 - ➔ Provide tables for multiple impact areas or multiple activities such as multiple fill areas or multiple culverts. Include your calculations.

Water Level Elevation

On inland waters ☐ NGVD 29 ☐ NAVD 88 ☐ other Observed water elevation (ft) **578.87** date of observation (M/D/Y) **3-30-16**
 On a Great Lake ☒ IGLD 85 ☐ surveyed ☐ converted from observed still water elevation.

☒ **A. PROJECTS REQUIRING FILL** (See All Sample Drawings)

- ➔ Attach a site plan and cross-section views to scale showing maximum and average fill dimensions with calculations.
- ➔ For multiple impact areas on a site provide a table with location, dimensions and volumes for each fill area.

Purpose ☐ bioengineered shore protection ☐ boat ramp ☐ boat well ☐ bridge or culvert ☐ crib dock
☒ riprap ☒ seawall ☐ swim area ☐ other

Dimensions of fill (ft) Length 280 Width 10 Maximum Depth 6.25	Total volume (cubic yards) 148	Volume below OHWM (cubic yards) 148
Maximum water depth in fill area (ft) 5	Area filled (sq ft) 2800	Will filter fabric be used under proposed fill? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If Yes, type) Non Woven

Fill will extend **8** feet into the water from the shoreline and upland **2** feet out of the water.

Type of clean fill ☐ peastone % ☐ sand % ☒ gravel **13%** ☒ other **87**

Source of clean fill ☒ commercial ☐ on-site ➔ If on-site, show location on site plan.
☐ other ➔ If other, attach description of location.

☒ **B. PROJECTS REQUIRING DREDGING OR EXCAVATION** (See Sample Drawings)

- Refer to www.mi.gov/jointpermit for spoils disposal and authorization requirements.
- ➔ Attach a site plan and cross-section views to scale showing maximum and average dredge or excavation dimensions with calculations.
- ➔ For multiple impact areas on a site provide a table with location, dimensions and volumes for each dredge/excavation area.

Purpose ☐ boat ramp ☐ boat well ☐ bridge or culvert ☐ maintenance dredge
☐ navigation ☐ pond/basin ☒ other **Seawall and Armor Stone**

Dimensions (ft) Length 280 Width 10 Maximum Depth 2	Total volume (cu yds) 88	Volume below OHWM (cu yds) 88
---	------------------------------------	---

Has this same area been previously dredged? ☒ No ☐ Yes If Yes, provide date and permit number:

Will the previously dredged area be enlarged? ☒ No ☐ Yes If Yes, when and how much?

Is long-term maintenance dredging planned? ☒ No ☐ Yes If Yes, how often?

Dredge or Excavation Method ☐ Hydraulic ☐ Mechanical ☐ other

Spoils Disposal	Dredged or excavated spoils will be placed <input checked="" type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site For disposal, provide a ➔ Detailed spoils disposal area location map and site plan with property lines. ➔ Letter of authorization from property owner of spoils disposal site, if disposed off-site.
	For volumes less than 5,000 cu yards, has proposed dredge material been tested for contaminants within the past 10 years? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ➔ If Yes, provide test results with a map of sampling locations.

☒ **C. PROJECTS REQUIRING RIPRAP** (See Sample Drawings 2, 3, 8, 12, 14, 22, and 23)

Riprap water ward of the ordinary high water mark: dimensions (ft) length 280 width 5 depth 2.5	Volume(cu yd) 70
--	-------------------------

Riprap landward of the ordinary high water mark: dimensions (ft) length width depth	Volume(cu yd)
---	---------------

Type and size of riprap (inches) <input type="checkbox"/> field stone <input checked="" type="checkbox"/> angular rock 18-36 <input type="checkbox"/> other	Will filter fabric or pea stone be used under proposed riprap? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, Type Non Woven
---	--



<input checked="" type="checkbox"/> D. SHORE PROTECTION PROJECTS (See EZ Guides and Sample Drawings 2, 3, and 17. Complete Sections 10A, B, and/or C.) ➔ For bioengineering projects include the list of native plants/seeds, if available.			
Type and length (ft) <input type="checkbox"/> bioengineering (ft) <input type="checkbox"/> revetment (ft) <input type="checkbox"/> riprap (ft) <input checked="" type="checkbox"/> seawall/bulkhead (ft) 60			
Structure is <input type="checkbox"/> new <input checked="" type="checkbox"/> repair <input type="checkbox"/> replacement of an existing structure		Will the existing structure be removed? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Proposed Toe Stone (linear feet) 280		Distance of project from adjacent property lines (ft) N/A	
Distance of project from an obvious fixed structure (example - 50 ft from SW corner of house) 78' from S.E. corner of #7308 Lakeview Drive			
For bioengineering projects indicate the structure type <input type="checkbox"/> brush bundles <input type="checkbox"/> coir log <input type="checkbox"/> live stakes <input type="checkbox"/> tree revetment <input type="checkbox"/> other			
<input type="checkbox"/> E. DOCK - PIER – MOORING PILINGS (See Sample Drawing 10) ➔ Attach a copy of the property legal description, mortgage survey, or a property boundary survey report.			
Dock Type <input type="checkbox"/> open pile <input type="checkbox"/> filled <input type="checkbox"/> crib <input type="checkbox"/> floating <input type="checkbox"/> cantilevered <input type="checkbox"/> spring piles <input type="checkbox"/> piling clusters <input type="checkbox"/> other			
Is the structure within the applicant's riparian area interest area? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ Show parcel property lines on the site plan.			
Proposed structure dimensions (ft) length width		Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial	
Dimensions of nearest adjacent structures (ft) length width		Distance of dock from adjacent property lines (ft)	
<input type="checkbox"/> F. BOAT WELL (See EZ Guide. Complete Sections 10A and 10B)			
Dimensions (ft) length width depth		Number of boats	
Type of sidewall stabilization <input type="checkbox"/> concrete <input type="checkbox"/> riprap <input type="checkbox"/> steel <input type="checkbox"/> vinyl <input type="checkbox"/> wood <input type="checkbox"/> other			
Volume of backfill behind sidewall stabilization (cu yd)		Distance of boat well from adjacent property lines (ft)	
<input type="checkbox"/> G. BOAT RAMP (See EZ Guide. Complete sections 10A, 10B, and 10C for mattress and pavement fill, dredge, and riprap)			
Type <input type="checkbox"/> new <input type="checkbox"/> existing <input type="checkbox"/> maintenance/improvement		Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial	
Existing overall boat ramp dimensions (ft) length width depth		Type of construction material <input type="checkbox"/> concrete <input type="checkbox"/> wood <input type="checkbox"/> stone <input type="checkbox"/> other	
Proposed overall ramp dimensions (ft) length width depth		Proposed ramp dimensions (ft) below ordinary high water mark length width depth	
Number of proposed skid piers	Proposed skid pier dimensions (ft) length width	Distance of ramp from adjacent property lines (ft)	
<input type="checkbox"/> H. BOAT HOIST – ROOFS (See EZ Guide)			
Type <input type="checkbox"/> cradle <input type="checkbox"/> side lifter <input type="checkbox"/> other		Located on <input type="checkbox"/> seawall <input type="checkbox"/> dock <input type="checkbox"/> bottomlands	
Hoist dimensions, including catwalks (ft) length width			
Area occupied, including cat walks (sq ft)		Distance of hoist from adjacent property lines (ft)	
Permanent Roof <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ If Yes, how is the roof supported?		Maximum Roof Dimensions (ft): length width height	
<input type="checkbox"/> I. BOARDWALKS and DECKS in WETLANDS or FLOODPLAINS (See Sample Drawings 5 and 6. Complete Sections 12 and/or 13) ➔ Provide a table for multiple boardwalks and decks proposed in one project; include locations and dimensions.			
Wetlands		Floodplains	
Boardwalk <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Deck <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Boardwalk <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Deck <input type="checkbox"/> on pilings <input type="checkbox"/> on fill
Dimensions (ft) length width	Dimensions (ft) length width	Dimensions (ft) length width	Dimensions (ft) length width
<input type="checkbox"/> J. INTAKE PIPES (See Sample Drawing 16) or OUTLET PIPES (See Sample Drawing 22)			
If outlet pipe, discharge is to <input type="checkbox"/> inland lake <input type="checkbox"/> stream, drain or river <input type="checkbox"/> overland flow <input type="checkbox"/> Great Lake <input type="checkbox"/> wetland <input type="checkbox"/> other			
Number of pipes	Pipe diameters and invert elevations	Does pipe discharge below the OHWM?	<input type="checkbox"/> No <input type="checkbox"/> Yes
		Is the water treated before discharge?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Type <input type="checkbox"/> headwall <input type="checkbox"/> end section <input type="checkbox"/> other		Dimensions of headwall OR end section (ft) length width height	



**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER RESOURCES DIVISION
PERMIT**

Issued To:

Dave Falzon
Great Lakes Shores Subdivision
36911 Ladywood
Livonia, MI 48154

Permit No: WRP004637
Submission No: 2GV-XWEA-B294
Site Name: Lakeview Road Seawall
Issued: November 4, 2016
Extended:
Revised:
Expires: November 4, 2021

This permit is being issued by the Michigan Department of Environmental Quality (MDEQ), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- | | |
|--|---|
| <input type="checkbox"/> Part 301, Inland Lakes and Streams | <input type="checkbox"/> Part 315, Dam Safety |
| <input checked="" type="checkbox"/> Part 325, Great Lakes Submerged Lands | <input type="checkbox"/> Part 323, Shorelands Protection and Management |
| <input type="checkbox"/> Part 303, Wetlands Protection | <input type="checkbox"/> Part 353, Sand Dunes Protection and Management |
| <input type="checkbox"/> Part 31, Water Resources Protection (Floodplain Regulatory Authority) | |

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

Authorized Activity:

Repair/replace existing seawall in 3 sections totaling 60 linear feet. Install 280 linear feet of riprap.

Water Course Affected: Lake Huron
Property Location: Sanilac County, Worth Township, Town/Range/Section: 09N17E18

Authority granted by this permit is subject to the following limitations:

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify the MDEQ within one week after the completion of the activity authorized by this permit by completing and forwarding the attached preaddressed postcard to the office addressed thereon.

- J. This permit shall not be assigned or transferred without the written approval of the MDEQ.
- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- M. In issuing this permit, the MDEQ has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, the MDEQ may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- N. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- O. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, the MDEQ may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- P. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from the MDEQ. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by the MDEQ prior to being implemented.
- Q. This permit may be transferred to another person upon written approval of the MDEQ. The permittee must submit a written request to the MDEQ to transfer the permit to the new owner. The new owner must also submit a written request to the MDEQ to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all of the above information may be provided to the MDEQ. The MDEQ will review the request and, if approved, will provide written notification to the new owner.
- R. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.
- S. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- T. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- U. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- V. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.

11. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by the MDEQ, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.

Issued By:



Theresa O'Brien
District Office
Water Resources Division
989-894-6223

Enc: Plans and photos

cc: Worth Township Zoning Administrator
Sanilac County Drain Commissioner
Sanilac County Soil Erosion
USACE
BMJ Engineers & Surveyors, Inc – Mr. Michael Quaine

Sanilac County Department of Construction & Land Use**Soil Erosion Permit**

60 W. Sanilac, Room 210, Sandusky, MI 48471

Phone (810) 648-4664 Fax (810) 648-5110

Permit NO: **PS16-0110**

Issued: 12/15/2016

Expires: 12/15/2017

Prop ID#: 261-300-001-693-00

JOB ADDRESS: 7294 LAKEVIEW**MUNICIPALITY:**Worth**ADD'L NOTES****WORK CLASS:** SEAWALL INSTALLATI**USE TYPE:** Residential

THIS PERMIT IS ISSUED PURSUANT TO PART 91, P.A. 451 AS AMENDED, 1994 SOIL EROSION AND SEDIMENTATION CONTROL FOR THE FOLLOWING ACTIVITY, SUBJECT TO GENERAL RULES OF THE ACT, LOCAL ORDINANCES, AND SPECIFIC CONDITIONS OF THIS PERMIT.

SOIL EROSION:

Residential

Under provisions of Act 451 of PA 199

FOR:

SEAWALLS

Undertake the Earth Change summarization.

Earth Change:

WORTH TOWNSHIP - REPAIR/REPLACE EXISTING SEAWALL IN 3
SECTIONS TOTALING 60 LINEAR FEET. INSTALL 280 LINEAR FEET OF
RIPRAP FOR 7294 LAKEVIEW MARY J ROBERT MERCIECA TRUST & 7316
LAKEVIEW SUSAL E LAUZON TRUST - GREAT LAKES SHORES
SUBDIVISION

START DATE:

DECEMBER, 2016

COMPLETION DATE: DECEMBER, 2017**EXTENDED:****ON-SITE RESPONSIBLE PERSON:** AVERY ALLEN CONSTRUCTION

PERMITTEE	APPLICANT	LOCATION
MERCIECA MARY J/ROBERT TRUS 7294 LAKEVIEW LEXINGTON MI 48450 Phone: Fax:	FALZON, DAVID 36911 LADYWOOD Livonia MI 48154 Phone: Fax:	7294 LAKEVIEW 261-300-001-693-00 Lot: Municipality Worth

Permit Item	Work Type	Fee Basis	Item Total
Administration Fee	Standard Item	1.00	75.00
Com Plan Review	Standard Item	100.00	75.00
Single Family Residence	Standard Item	1.00	75.00

Fee Total: \$225.00

Amount Paid: \$225.00

Balance Due: \$0.00

THIS PERMIT MUS BE POSTED AT THE PROJECT SITE.**THIS PERMIT DOES NOT OBVIATE THE NEED FOR OTHER STATE & FEDERAL PERMITS.****PERMIT CONITIONS:**

1. The permitted activity shall be completed in accordance with the approved plans and specifications, and the attached general and specific conditions.
2. The permit does not waive the necessity of obtaining all other required federal, state and local permits.
3. Permittee shall notify the permitting agency within one week after completing the permitted activity or one week prior to the permit expiration date, whichever comes first.

Permitting Agent


Joseph E. Allen

Date

Processed by:

Marcia Rose Matson

Continued on Page 2