From: Alvarado, Mercedes (EGLE)
Sent: 10/3/2025 11:50:20 AM
To: "tony.lock@shorelinecity.com" <tony.lock@shorelinecity.com>; "kyle.karczewski@shorelinecity.com" <kyle.karczewski@shorelinecity.com>; "matthewa@my-lei.com" <matthewa@my-lei.com>
Cc: "Hipshier, Chad (EGLE)" <HipshierC@michigan.gov>; "ann.cummings@shorelinecity.com" <ann.cummings@shorelinecity.com>; "Clerk" <clerk@co.muskegon.mi.us>; "publicworks@co.muskegon.mi.us" <publicworks@co.muskegon.mi.us>; "Ribbens, Rob" <ribbensro@co.muskegon.mi.us>; "environmentalhealth@co.muskegon.mi.us" <environmentalhealth@co.muskegon.mi.us>
Subject: WRP046682 v1.0 Permit and Plans
Attachments: Placard (WORD).pdf, Site Plans.pdf, Resources Individual or Minor Permit (WORD).pdf

Attached you will find a copy of the Permit and Plans issued for a project located at 61-920 West Western Avenue-Muskegon: 88-15-0985-M. Please retain the attached documents for your records. *Once the project is completed*, please have the applicant contact Chad Hipshier at 616-260-7271 or HipshierC@michigan.gov, stating everything is completed and include any required photos.

Mercedes (Mercy) Alvarado

Mercedes (Mercy) Alvarado (she/her), Secretary
Grand Rapids District Office (GRDO)
Water Resources Division (WRD)
Michigan Department of Environment, Great Lakes, and Energy (EGLE)
616-333-9957 alvaradom3@michigan.gov
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To search for information on current and past permits, please visit our MiEnviro Site Explorer: https://mienviro.michigan.gov/nsite/

If you need this information in an alternate format, contact EGLE-Accessibility@Michigan.gov or call 800-662-9278.

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

This email and its contents are subject to the Freedom of Information Act and may be released to the public.

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030

ATTACHMENT NAME:

Placard (WORD).pdf

ATTACHMENT TYPE:

Adobe Portable Document Format (PDF) compound image

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030

NOTICE OF AUTHORIZATION

Permit Number: WRP046682 v. 1 **Date Issued: October 3, 2025**
Site Name: 61-920 West Western Avenue-Muskegon: 88-15-0985-M
Expiration Date: October 3, 2030

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, P.O. Box 30458, Lansing, Michigan 48909-7958, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; specifically:

☒ Part 301, Inland Lakes and Streams.

Authorized activity:

A United States Army Corps of Engineers permit is required before the work can be conducted.

Conduct mechanical dredge within Hartshorn Marina, covering approximately 471.9 linear feet by 300 feet wide by 1.4 feet deep for a maximum depth of 10 feet from top of water to lake bottom (570.18 IGLD 85 to 560.18 IGLD 85), totalling approximately 7,404 cubic yards of sediment.

All work shall be completed in accordance with the approved attached plans and the terms and conditions of this permit.

To be conducted at property located in: Muskegon County, Waterbody: Muskegon Lake
Section 25, Town 10N, Range 17W, City of Muskegon

Permittee:
Anthony Lock
920 West Western Avenue
Muskegon, MI 49441-1617

Chad Hipshier
Grand Rapids District Office
Water Resources Division
616-260-7271

This notice must be displayed at the site of work.
Laminating this notice or utilizing sheet protectors is recommended.
Please refer to the above permit number with any questions or concerns.

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030

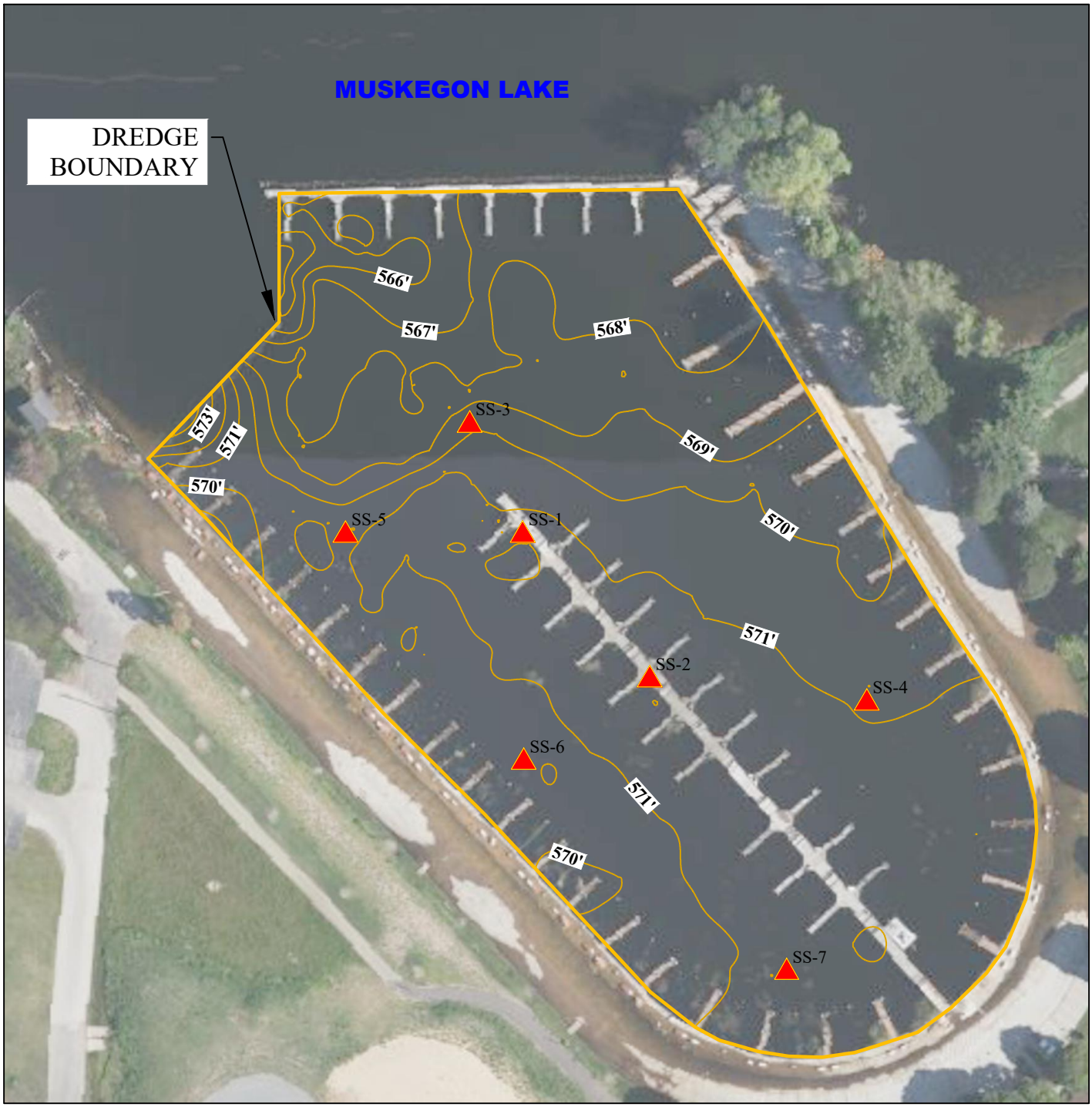
ATTACHMENT NAME:

Site Plans.pdf

ATTACHMENT TYPE:

Adobe Portable Document Format (PDF) compound image

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030



NOTES:

- HYDROGRAPHIC SURVEY AND SEDIMENT SAMPLES ON 7/31/2025
- HORIZONTAL CONTROL NAD88, MI STATE PLANE, SOUTH ZONE
- WATER LEVEL AT TIME OF SURVEY 579.59' NAVD88 & 570.18' IGLD85
- DEPTHS ARE BELOW LAKE SURFACE ELEVATION

LEGEND

LAKE BATHYMETRY (NAVD88)

SEDIMENT SAMPLE POINT

0 100' 200'

SCALE: 1" = 100'

DWN BY: SRM

N

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Scientists | Engineers | Geologists
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HARTSHORN MARINA SITE OVERVIEW

920 W WESTERN AVE
MUSKEGON, MICHIGAN 49441

PROJECT 25-105	AUGUST 2025	FIGURE 1

EGLE
WRP046682 v1.0
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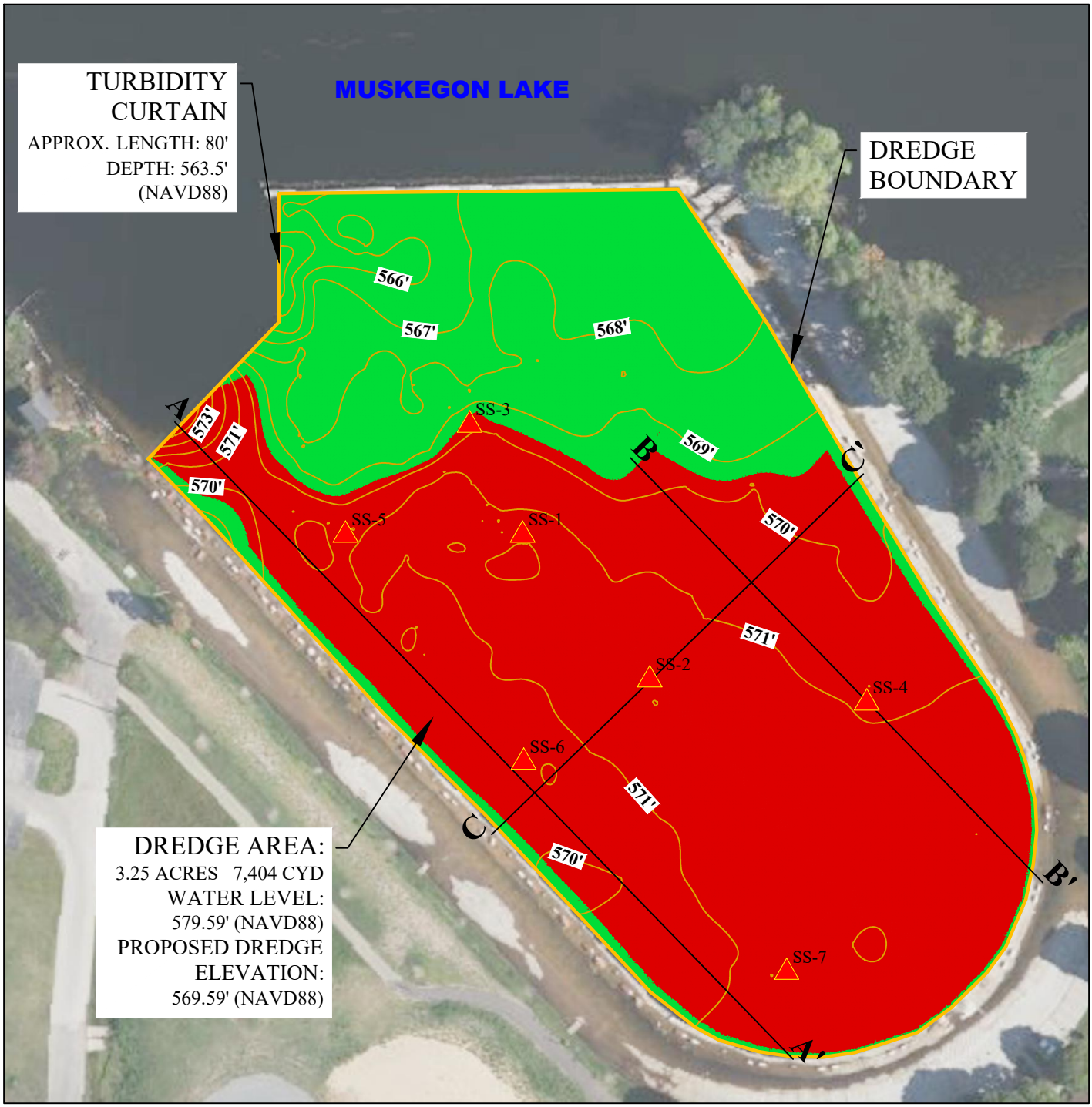
Issued On:10/03/2025
Expires On:10/03/2030



NOTES:

- HYDROGRAPHIC SURVEY AND SEDIMENT SAMPLES ON 7/31/2025
- HORIZONTAL CONTROL NAD88, MI STATE PLANE, SOUTH ZONE
- WATER LEVEL AT TIME OF SURVEY 579.59' NAVD88 & 570.18' IGLD85
- DEPTHS ARE BELOW LAKE SURFACE ELEVATION
- DREDGING PROPOSED TO REACH A MINIMUM DEPTH OF 10' BELOW THE LAKE'S ELEVATION OF 579.59' NAVD88.

0 100' 200'

SCALE: 1" = 100'

LEGEND

- LAKE BATHYMETRY (NAVD88)
- PROPOSED UNDISTURBED AREA (1.57 ACRES)
- PROPOSED DREDGE AREA (3.25 ACRES; 7,404 CYD)
- SEDIMENT SAMPLE POINT

DWN BY: SRM

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HARTSHORN MARINA CROSS SECTION MAP

920 W WESTERN AVE
MUSKEGON, MICHIGAN 49441

PROJECT 25-105	AUGUST 2025	FIGURE 2

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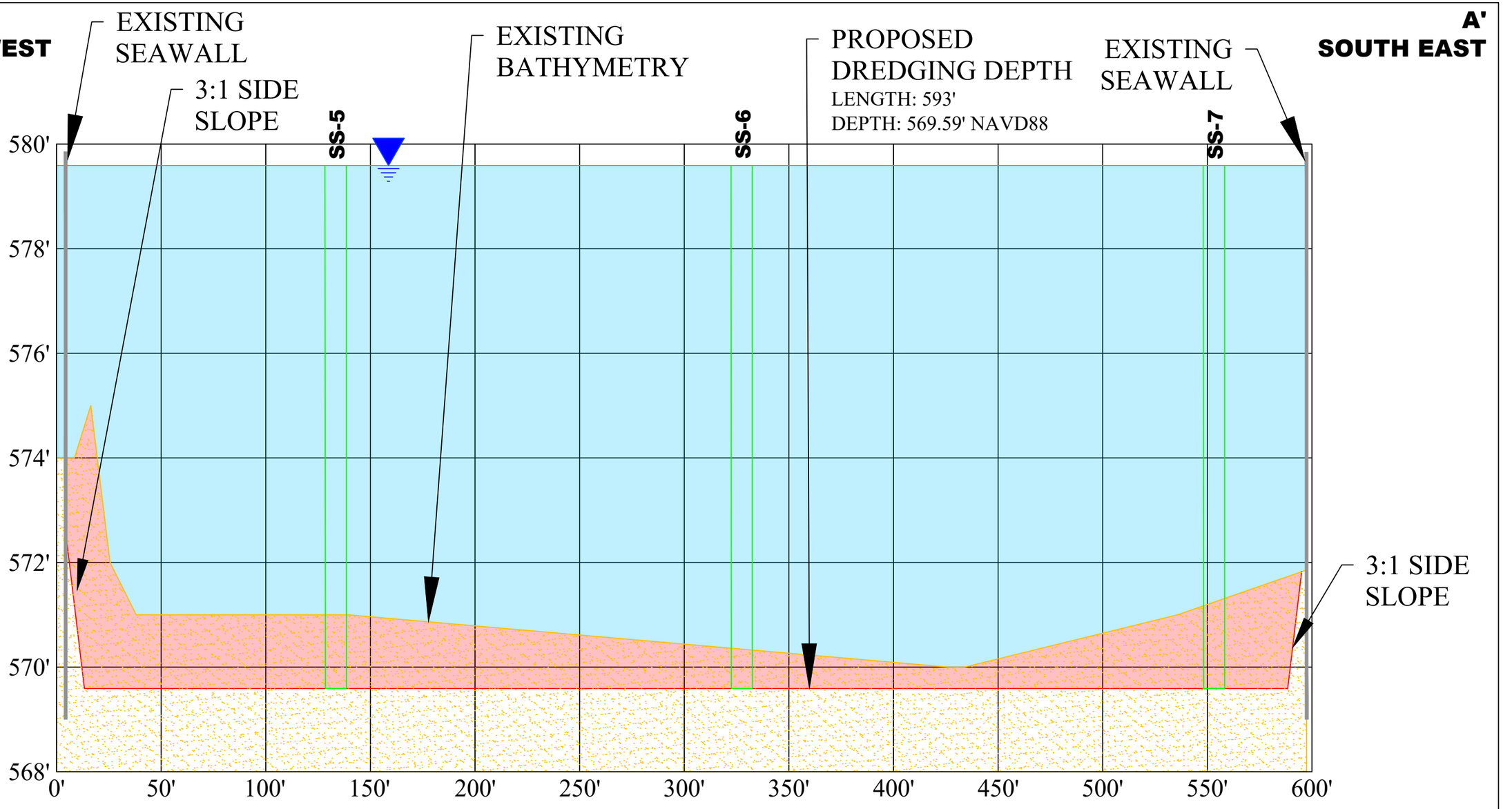
Expires On:10/03/2030

A
NORTH WEST

A'
SOUTH EAST



NOTES:
HYDROGRAPHIC SURVEY CONDUCTED ON 7/31/2025.
WATER LEVEL AT TIME OF SURVEY 579.59' NAVD88 & 570.18' IGLD85 (07/31/2025).
SEAWALLS AND SEDIMENT SAMPLE PLUGS NOT DRAWN TO SCALE.

0 50' 100'
SCALE: 1" = 50'

VERTICAL EXAGGERATION = 25X

N

LEGEND

- MUSKEGON LAKE
- PROPOSED DREDGE MATERIAL
- FINE SAND (SP)

DWN BY: SRM

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A-A' CROSS SECTION HARTSHORN MARINA

920 W WESTERN AVE
MUSKEGON, MICHIGAN 49441

PROJECT 25-105	AUGUST 2025	FIGURE 3

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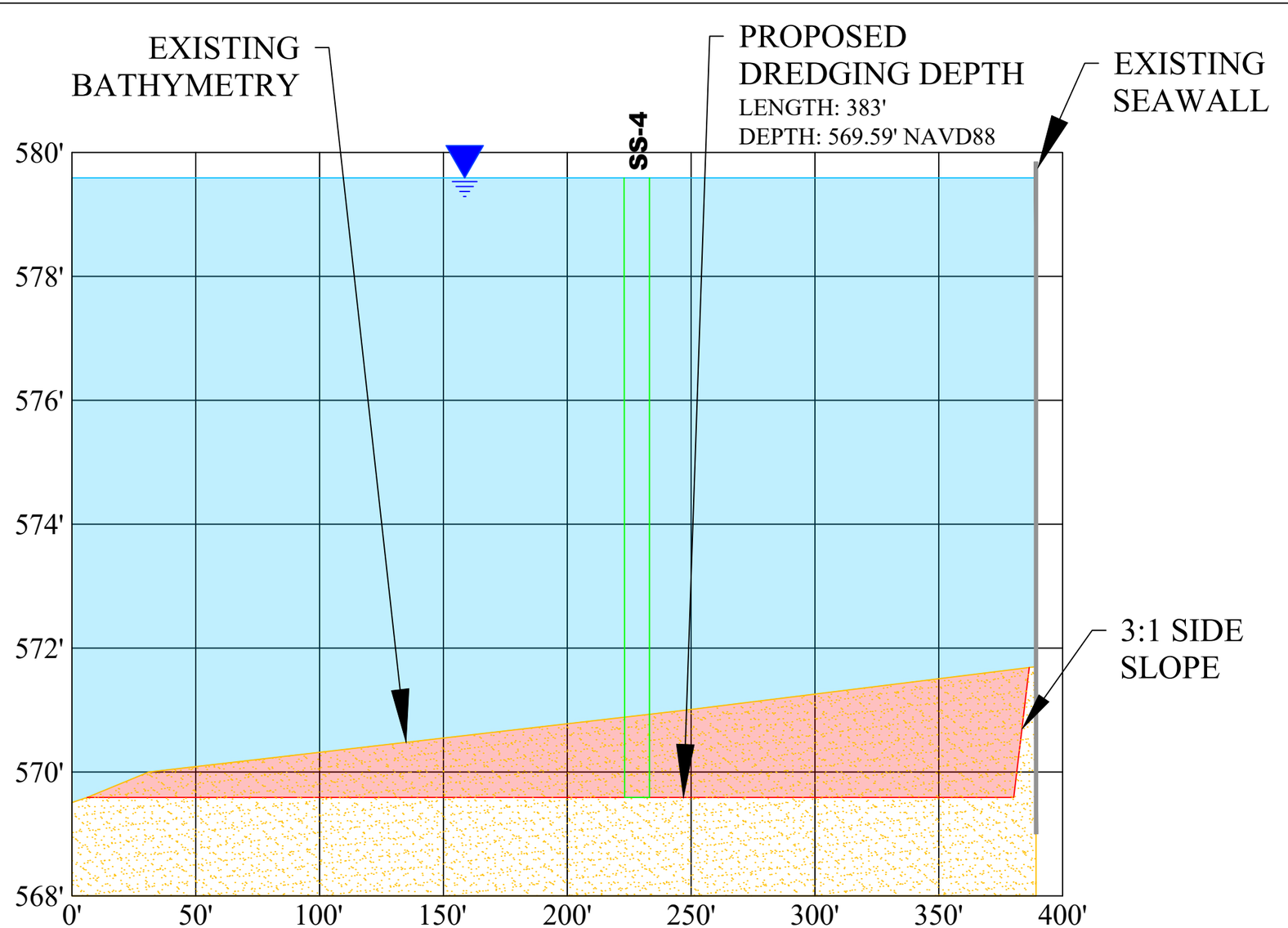
Issued On:10/03/2025
Expires On:10/03/2030

B
NORTH WEST

B'
SOUTH EAST



NOTES:
HYDROGRAPHIC SURVEY CONDUCTED ON 7/31/2025.
WATER LEVEL AT TIME OF SURVEY 579.59' NAVD88 & 570.18' IGLD85 (07/31/2025).
SEAWALL AND SEDIMENT SAMPLE PLUGS NOT DRAWN TO SCALE.

0 50' 100'
SCALE: 1" = 50'

VERTICAL EXAGGERATION = 25X

N

LEGEND

- MUSKEGON LAKE
- PROPOSED DREDGE MATERIAL
- FINE SAND (SP)

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B-B' CROSS SECTION HARTSHORN MARINA

920 W WESTERN AVE
MUSKEGON, MICHIGAN 49441

PROJECT 25-105	AUGUST 2025	FIGURE 4

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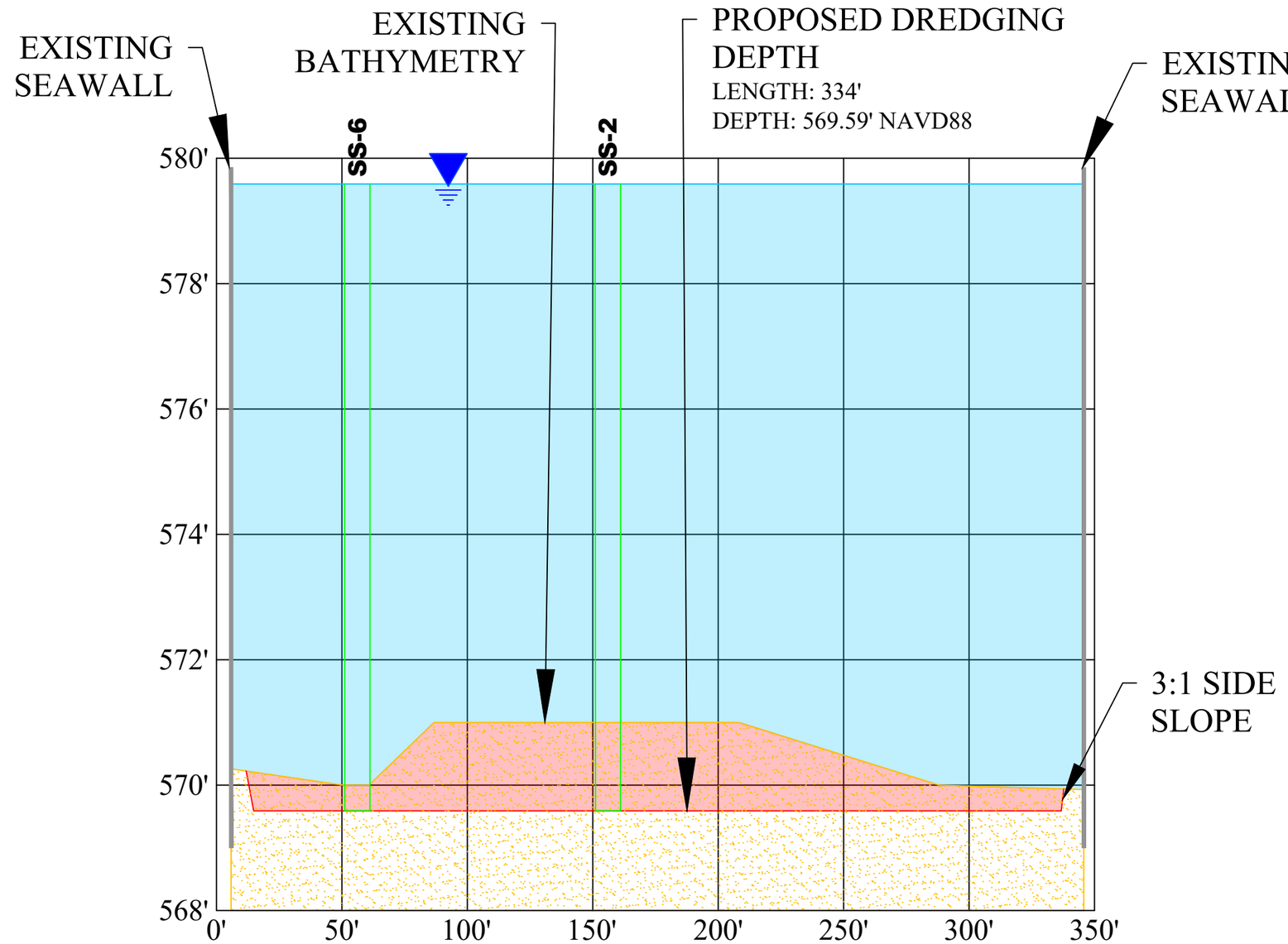
C
WEST SOUTH

C'
EAST NORTH



NOTES:
HYDROGRAPHIC SURVEY CONDUCTED ON 7/31/2025.
WATER LEVEL AT TIME OF SURVEY 579.59' NAVD88 & 570.18' IGLD85 (07/31/2025).
SEAWALLS AND SEDIMENT SAMPLE PLUGS NOT DRAWN TO SCALE.

0 50' 100'
SCALE: 1" = 50'

VERTICAL EXAGGERATION = 25X

N

LEGEND

- MUSKEGON LAKE
- PROPOSED DREDGE MATERIAL
- FINE SAND (SP)

DWN BY: SRM

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C-C' CROSS SECTION HARTSHORN MARINA

920 W WESTERN AVE
MUSKEGON, MICHIGAN 49441

PROJECT 25-105	AUGUST 2025	FIGURE 5

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030

ATTACHMENT NAME:

Resources Individual or Minor Permit (WORD).pdf

ATTACHMENT TYPE:

Adobe Portable Document Format (PDF) compound image

EGLE
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Approved
Issued On:10/03/2025
Expires On:10/03/2030

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
WATER RESOURCES DIVISION
PERMIT

Issued To:

Anthony Lock
920 West Western Avenue
Muskegon, MI 49441-1617

Permit No:	**WRP046682 v.1**
Submission No.:	**HQB-WWZ9-7Z8WJ**
Site Name:	**61-920 West Western Avenue-Muskegon: 88-15-0985-M**
Issued:	**October 3, 2025**
Revised:	
Expires:	**October 3, 2030**

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

☒ **Part 301, Inland Lakes and Streams**

EGLE certifies that the activities authorized under this permit are in compliance with the State Coastal Zone Management Program and certifies without conditions under the Federal Clean Water Act, Section 401 that the discharge from the activities authorized under this permit will comply with Michigan's water quality requirements in Part 31, Water Resources Protection, of the NREPA and associated administrative rules, where applicable.

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

Authorized Activity:

A United States Army Corps of Engineers permit is required before the work can be conducted.

Conduct mechanical dredge within Hartshorn Marina, covering approximately 471.9 linear feet by 300 feet wide by 1.4 feet deep for a maximum depth of 10 feet from top of water to lake bottom (570.18 IGLD 85 to 560.18 IGLD 85), totalling approximately 7,404 cubic yards of sediment.

All work shall be completed in accordance with the approved attached plans and the terms and conditions of this permit.

Waterbody Affected: Muskegon Lake
Property Location: Muskegon County, City of Muskegon
Town/Range/Section 10N/17W/25
Property Tax No. 61-24-205-574-0001-20; 61-24-205-574-0001-00; 61-24-427-000-0000-00

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030

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 EGLE within one week after the completion of the activity authorized by this permit.

J. This permit shall not be assigned or transferred without the written approval of EGLE.

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, EGLE 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, EGLE 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, EGLE 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.

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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 EGLE. 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 EGLE prior to being implemented.

Q. This permit may be transferred to another person upon written approval of EGLE. The permittee must submit a written request to EGLE to transfer the permit to the new owner. The new owner must also submit a written request to EGLE 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 the above information may be provided to EGLE. EGLE 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.

W. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.

X. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.

Y. Work to be done under authority of this permit is further subject to the following special instructions and specifications:

1. Authority granted by this permit does not waive permit or program requirements under Part 91 of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit https://www.michigan.gov/egle/about/organization/water-resources/soil-erosion/sesc-overview and select “Soil Erosion and Sedimentation Control Agencies”.
2. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
3. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
4. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.

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5. The permit placard shall be kept posted at the work site in a prominent location at all times for the duration of the project or until permit expiration.
6. 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 EGLE, 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.
7. Due to possible disturbance to spawning lake sturgeon and spawning grounds, project activities must avoid the spawning season (April 1 through July 15). Impacts will be minimized by avoiding this critical time of year for lake sturgeon. Work within the water is not authorized between April 1 and July 15, which can be waived by DNR Fisheries if deemed appropriate.
8. Prior to commencement of any activity authorized by this permit, the entire dredged area shall be enclosed with a turbidity curtain to prevent off-site siltation. The turbidity curtain shall be installed to extend from the bed of the waterbody to a point above the existing water's surface. The turbidity curtain shall be maintained for the duration of the project and shall be left in place after completion of dredging until all disturbed sediments have settled.
9. The permittee is cautioned that excessive dredging resulting in the impairment of the structural integrity of seawalls on neighboring riparian properties is subject to civil damage litigation.
10. All slurry resulting from any dewatering operation shall be discharged through a filter bag or pumped to a sump located away from wetlands and surface waters and allowed to filter through natural upland vegetation, gravel filters, or other engineered devices for a sufficient distance and/or period of time necessary to remove sediment or suspended particles.
11. Unless specifically stated under the “Permitted Activity” of this permit, all dredge/excavated spoils including organic and inorganic soils, vegetation, and other material removed shall be placed on upland (non-wetland, non-floodplain or non-bottomland), prepared for stabilization, and stabilized with sod and/or seed and mulch in such a manner to prevent and ensure against erosion of any material into any waterbody, wetland, or floodplain.
12. The permittee acknowledges that the dredged material has not been classified as to contaminant status. Disposal of the dredged sediments is to uplands. If the dredged sediments are determined to be contaminated at a future date, permittee and dredge sediments disposal location landowner are considered potentially responsible parties and remain liable for any and all necessary site restoration and clean up under Part 115, Solid Waste Management, and Part 201, Environmental Remediation, of the NREPA. If the permittee is not the dredge sediments disposal location landowner, permittee is responsible for notifying landowner of this condition.
13. All raw areas in uplands resulting from the permitted construction activity shall be effectively stabilized with sod and/or seed and mulch (or other technology specified by this permit or project plans) in a sufficient quantity and manner to prevent erosion and any potential siltation to surface waters or wetlands. Temporary stabilization measures shall be installed before or upon commencement of the permitted activity and shall be maintained until permanent measures are in place. Permanent measures shall be in place within five (5) days of achieving final grade.
14. Dredging within wetlands is not authorized by this permit.

EGLE
WRP046682 v1.0
Approved
Issued On:10/03/2025
Expires On:10/03/2030

15. Upon completion of your project, you must submit photos to GRDO WRD, P.O. Box 30458, 525 W. Allegan Street, Deborah A. Stabenow Building, Lansing, MI 48909-7958 or Chad Hipshier at Hipshierc@michigan.gov, within 30 days of completion of the project. Staff will use such pictures for monitoring compliance with your permit. Failure to submit these photos is an event of noncompliance.

Issued By: Chad E. Hipshier

Chad Hipshier
Grand Rapids District Office
Water Resources Division
616-260-7271

THIS PERMIT MUST BE SIGNED BY THE PERMITTEE TO BE VALID.

I hereby assure that I have read, am familiar with, and agree to adhere to the terms and conditions of this permit.

Permittee Signature _____ Date _____

cc: City of Muskegon Clerk
Muskegon County Clerk
Muskegon County CEA
Muskegon County Health Department
Kyle Karczewski, Consultant
Matt Allen, Agent

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