

MICHIGAN STATE
U N I V E R S I T Y

INFRASTRUCTURE PLANNING AND FACILITIES
PLANNING, DESIGN AND CONSTRUCTION

February 18, 2026

TITLE OF PROJECT: Storm Sewer – River Outfall Structural Repairs to Storm Sewer

PROJECT ISSUE DATE: February 5, 2026

PROJECT NUMBER: CP21037

ADDENDUM NO: 1

GENERAL

This Addendum is issued prior to receipt of Proposals to amend the Contract Documents identified as Storm Sewer – River Outfall Structural Repairs to Storm Sewer.

Except as otherwise specifically mentioned, the general character of the work required by this Addendum shall be the same as originally specified, and all incidentals required in connection with the work hereinafter described shall be included even though not specifically mentioned. When an item is mentioned with additional specifications given, reference shall be made to the original specifications.

Drawing(s) accompanying this Addendum include: N/A

TRADES – N/A

ITEM NO. DESCRIPTION

1. Pre-Bid Meeting minutes and sign-in sheet attached.
2. EGLE Permit WRP045998 v.1 attached.

ADDENDUM NO. 1

To

STORM SEWER – RIVER OUTFALL STRUCTURAL REPAIRS TO STORM SEWER
CP21037

INFRASTRUCTURE PLANNING AND FACILITIES
PLANNING, DESIGN, AND CONSTRUCTION
MICHIGAN STATE UNIVERSITY

Date: 2/18/2026

Drawing Revision No: N/A

Drawing Sheets Issued Herewith: N/A

Bids Due: Thursday, February 26, 2026, at 3:00 PM EST.

This addendum is part of the Contract Documents and modifies the previously issued Bidding Documents. Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may result in rejection of the Bid.

ITEM NO. 1 – Pre-Bid Meeting Minutes

Meeting minutes from the non-mandatory pre-bid meeting held on February 12, 2026, are included in Addendum No. 1. Questions and answers from the meeting are included in the minutes.

ITEM NO. 2 – EGLE Permit WRP045998 v.1

The issued EGLE Permit WRP045998 v.1 is included in Addendum No. 1. Contractor shall comply with all applicable language in the permit as stated in the agreement.

END OF SECTION



MICHIGAN STATE
UNIVERSITY

**MICHIGAN STATE UNIVERSITY
STORM SEWER – RIVER OUTFALL STRUCTURAL REPAIRS**

PRE-BID MEETING MINUTES *(in italics)*

**Thursday, February 12, 2026 @ 10:00 a.m.
Conference Room 11&12, IPF Building
1147 Chestnut Road, East Lansing, MI 48824**

I. Attendees

1. Introductions
 - a. MSU Infrastructure Planning and Facilities
 - i. ***Andrew Linebaugh – IPF Project Manager***
 - b. Engineer
 - i. ***Mark Stoor – GEI Senior Project Manager***

II. Discussion Items

1. Project overview & explanation of failing stormwater outfalls
2. Bidding Overview
 - a. Plans & Specs
 - b. Bid Security (5%)
 - c. Addenda
 - i. ***Addendum No. 1 will contain the prebid meeting notes, prebid sign-in sheet, questions & answers, and the executed EGLE JPA Permit.***
 - d. Bid hold period – 120 days
 - e. Bid Submissions – Thursday, February 26, 2026 at 3:00 p.m. via the Owner’s Oracle Primavera Unifier Bid Manager. The properly identified Bids received on time will be opened publicly and will be read aloud virtually via Zoom. A Zoom meeting link will be listed in the Bid Manager.
 - f. Construction Start Date – May 4, 2026
 - g. Substantial Completion Date – August 21, 2026
 - h. Bonds & Insurance – Performance and Labor & Material Bonds
 - i. Maintenance & Work Warranty – One year
 - j. Site Safety – Constructor Safety Requirements Manual link in General Requirement

3. Detailed review of proposed work:
 - a. Review laydown & staging area
 - b. Review outfall plan & profile sheets

Specific issues to review for Bid

- A. Site Access
 - a. Limit travel on river trail to the extent necessary to perform the work
- B. Sequencing / timeline of work
- C. Restoration coordination – Restoration performed by MSU Landscape Services
- D. Traffic & Pedestrian Control – Performed by Best Barricades under separate contract
- E. SESC Permit – Owner will obtain SESC permit at no cost to contractor
 - a. ***The EGLE JPA permit will be attached in the addendum***
- F. Coordination of work, working days / hours & site access
 - a. ~~7am – 7 pm Monday – Friday~~
 - b. ***Work may be performed sunup to sundown Monday through Sunday.***
 - c. ***Shaw Hall may have different stipulations when working nearby.***

III. Question & Answer

- Q. Who is responsible for providing temporary fencing for the laydown area?***
A. Providing temporary fencing is the responsibility of the contractor.
- Q. Can you provide additional details and expectations for the emergency pedestal replacement?***
A. It will be the contractor's responsibility to hire an electrician to remove and reinstall the emergency pedestal to achieve the same conditions and functionality as it had prior to construction. The removal should be coordinated with MSU to avoid any issues with their emergency communication system.
- Q. What is the estimated construction cost for the project?***
A. The engineer's estimate is \$236,000.

IV. Adjourn

STORM SEWER - RIVER OUTFALL STRUCTURAL REPAIRS
PREBID MEETING - FEBRUARY 12, 2026
ATTENDANCE SHEET



NAME & TITLE	REPRESENTING	PHONE NUMBER	E-MAIL ADDRESS
MARK STOOL	GEI	(517) 803-4603	mstool@geiconsultants.com ksmith@geiconsultants.com
VINCENT BUSS, PM	HOFFMAN BROS., INC.	805-434-7511	vbuss@hoffmanbrosmc.com
BEN PETERSON, PM	HIGHTMAN SERVICES	510-886-9297	BEN@HIGHTMANSERVICESLLC.COM
Adam Dunn	ET MACKENZIE	(517) 231-6810	adunn@mackenzieco.com
Andy Lindebaugh	MSU	517-819-8936	linebaugh@msu.edu



NOTICE OF AUTHORIZATION

Date Issued: August 6, 2025

Expiration Date: August 6, 2030

Permit Number: WRP045998 v. 1

Site Name: MSU Red Cedar River Stormwater Improvements

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 31, Floodplain Regulatory Authority of the Water Resources Protection.
- Part 301, Inland Lakes and Streams.
- Part 303, Wetlands Protection.

Authorized activity:

Replacement and improvements to 8 outfall structures within the 100-year floodway of the Red Cedar River. All work is to take place within the existing grade of the current banks of the Red Cedar River.

Of the 8-outfalls, 5 replacement storm water outfall structures will be placed in wetland or below the ordinary high watermark (OHWM) on the Red Cedar River. Outfall structures will be cut into the bank and will not exceed bank grade.

Outfall Structure 34956: Excavate 3 cubic yards of material from a 13-foot-long by 6-foot-wide by 1-foot-deep area in wetland to install riprap stabilization for upland stormwater outfall structure discharging to Red Cedar River. Place 2 cubic yards of riprap in wetland around outfall.

Outfall Structure 10123: Excavate 26 cubic yards below OHWM and 4 cubic yards of material in wetland from a 10-foot-long by 3-foot wide by 3-foot-deep area to remove existing outfall and segment of pipe. Install 10-inch-diameter stormwater outfall and 3-foot-long by 3-foot-wide outfall headwall discharging to Red Cedar River. Backfill excavation area with 26 cubic yards of material below OHWM and place 1 cubic yard of riprap in wetland around outfall.

Outfall Structure 10125: Excavate approximately 11 cubic yards of material from a 23-foot-long by 8 foot wide by 2-foot-deep area below OHWM to remove existing headwall and segment of pipe. Install 12-inch diameter stormwater outfall and 3 foot long by 3-foot-wide outfall headwall discharging to Red Cedar River. Backfill excavation area with 11 cubic yards of material below OHWM.

*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
WRP045998 v1.0
Approved
Issued On:08/06/2025
Expires On:08/06/2030

Outfall Structure 12580: Excavate approximately 28 cubic yards of material from a 25 foot by 8-foot by 4-foot-deep area below the OHWM to remove existing headwall and segment of pipe. Install 27-inch-diameter stormwater outfall and 3 foot long by 3-foot-wide headwall structure discharging to Red Cedar River. Backfill excavation area with 28-cubic yards of material below the OHWM.

Outfall Structure SW 4: Excavate approximately 14-cubic yards of material from a 24-foot-long by 11-foot-wide by 1-foot area below the OHWM to remove existing headwall and segment of pipe. Install 14-inch-diameter stormwater outfall with a 3-foot-long by 3-foot-wide headwall structure discharging to Red Cedar River. Backfill excavation area with 14 cubic yards of material and place 1 cubic yard of riprap below the OHWM around outfall.

To be conducted at property located in: Ingham County, Waterbody: Red Cedar River
Section 13, Town 04N, Range 02W, City of East Lansing

Permittee:

Shelly Laughlin

1147 Chestnut Road, RM 101

East Lansing, Michigan East Lansing, MI 48824-3410



Claire Watts

Lansing District Office

Water Resources Division

517-388-6686

*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.

EGL
WRP045998 v1.0
Approved
Issued On:08/06/2025
Expires On:08/06/2030



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

Issued To:

**Michigan State University
Attention: Shelly Laughlin
1147 Chestnut Road, RM 101
East Lansing, Michigan 48824-3410**

**Permit No: WRP045998 v.1
Submission No.: HQB-D5F2-1KDJ9
Site Name: MSU Red Cedar River Stormwater Improvements
Issued: August 6, 2025
Revised:
Expires: August 6, 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:

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

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:

Replacement and improvements to 8 outfall structures within the 100-year floodway of the Red Cedar River. All work is to take place within the existing grade of the current banks of the Red Cedar River.

Of the 8-outfalls, 5 replacement storm water outfall structures will be placed in wetland or below the ordinary high watermark (OHWM) on the Red Cedar River. Outfall structures will be cut into the bank and will not exceed bank grade.

**EGLE
WRP045998 v1.0
Approved
Issued On:08/06/2025
Expires On:08/06/2030**

Outfall Structure 34956: Excavate 3 cubic yards of material from a 13-foot-long by 6-foot-wide by 1-foot-deep area in wetland to install riprap stabilization for upland stormwater outfall structure discharging to Red Cedar River. Place 2 cubic yards of riprap in wetland around outfall.

Outfall Structure 10123: Excavate 26 cubic yards below OHWM and 4 cubic yards of material in wetland from a 10-foot-long by 3-foot wide by 3-foot-deep area to remove existing outfall and segment of pipe. Install 10-inch-diameter stormwater outfall and 3-foot-long by 3-foot-wide outfall headwall discharging to Red Cedar River. Backfill excavation area with 26 cubic yards of material below OHWM and place 1 cubic yard of riprap in wetland around outfall.

Outfall Structure 10125: Excavate approximately 11 cubic yards of material from a 23-foot-long by 8-foot-wide by 2-foot-deep area below the OHWM to remove existing headwall and segment of pipe. Install 12-inch diameter stormwater outfall and 3 foot long by 3-foot-wide outfall headwall discharging to Red Cedar River. Backfill excavation area with 11 cubic yards of material below OHWM.

Outfall Structure 12580: Excavate approximately 28 cubic yards of material from a 25-foot by 8-foot by 4-foot-deep area below the OHWM to remove existing headwall and segment of pipe. Install 27-inch-diameter stormwater outfall and 3 foot long by 3-foot-wide headwall structure discharging to Red Cedar River. Backfill excavation area with 28-cubic yards of material below the OHWM.

Outfall Structure SW 4: Excavate approximately 14-cubic yards of material from a 24-foot-long by 11-foot-wide by 1-foot area below the OHWM to remove existing headwall and segment of pipe. Install 14-inch-diameter stormwater outfall with a 3-foot-long by 3-foot-wide headwall structure discharging to Red Cedar River. Backfill excavation area with 14 cubic yards of material and place 1 cubic yard of riprap below the OHWM around outfall.

Waterbody Affected: Red Cedar River

Property Location: Ingham County, City of East Lansing, Town/Range/Section 04N02W13, Property Tax No. 33-20-01-13-302-001, 33-20-01-13-303-00 33-20-01-13-401-001, 33-20-01-13-241-001, 33-20-01-13-402-001, 33-20-02-18-304-002, 33-20-18-304-001

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.
- 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. The design flood or 1% annual chance (100-year) floodplain elevation at this location on the Red Cedar River is 838 feet NAVD-88.
 2. Prior to the initiation of any permitted construction activities, a sedimentation barrier shall be constructed immediately down gradient of the construction site. Sedimentation barriers shall be specifically designed to handle the sediment type, load, water depth, and flow conditions of each construction site throughout the anticipated time of construction and unstable site conditions. The sedimentation barrier shall be maintained in good working order throughout the duration of the project. Upon project completion, the accumulated materials shall be removed and disposed of at an upland (non-wetland, non-floodplain) site and stabilized with seed and mulch. The sedimentation barrier shall then be removed in its entirety and the area restored to its original configuration and cover.
 3. Prior to the initiation of any permitted construction activity, a sedimentation barrier shall be installed along the entire route of the disturbed wetland area and maintained in good working order until permanent stabilization and re-vegetation of all disturbed areas has occurred. The sedimentation barrier shall be removed after re-vegetation.
 4. Prior to the start of construction, all adjacent non-work wetland areas shall be protected by properly trenched sedimentation barrier to prevent sediment from entering the wetland. Orange construction fencing may be installed as needed to prohibit construction personnel from entering or performing work in these areas. Sedimentation barrier shall be maintained

daily throughout the construction process. Upon project completion, the accumulated materials shall be removed and disposed of at an upland site. The sedimentation barrier shall then be removed in its entirety and the area restored to its original configuration and cover.

5. Prior to commencing work on the shoreline, the entire waterward perimeter of the project site shall be isolated with a turbidity curtain to prevent movement of suspended sediments. 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 until all disturbed sediments have settled.
6. 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.
7. All raw earth within 100 feet of a lake, stream, or wetland that is not brought to final stabilization by the end of the active growing season shall be temporarily stabilized with mulch blankets in accordance with the following dates: September 20th for the Upper Peninsula, October 1st for the Lower Peninsula north of US-10, and October 10th for the Lower Peninsula south of US-10.
8. All equipment and vehicles shall be thoroughly cleaned and washed prior to entering the work site to prevent contamination by invasive plant and animal species. The permittee and contractors shall take steps to minimize the risk of spreading terrestrial and aquatic invasive species during this project and will take measures to prevent spread, where feasible. Specific prevention measures include the following:
 - a. Visually inspecting and removing any plants or mud from footwear (boots, hip-boots, and waders).
 - b. Visually inspecting and removing and properly disposing of any plants and mud from field equipment (nets, shovels, rakes, etc.) and vehicles.
 - c. Draining all water from vehicles and equipment, prior to leaving the site and before entering a new waterbody.
 - d. Thoroughly drying equipment (5-7 days, if possible) between sites, when possible.
 - e. Disinfecting vehicles and equipment between sites (e.g., diluted bleach solution, heated pressure washer), when possible. Disinfection should be conducted away from surface waters, where the disinfecting solution will not enter any storm sewers and/or surface waters.
 - f. Typical diluted bleach solution treatment is 1/2 cup (four fluid ounces) bleach to five gallons of water, applied by spraying or sponge so surface is thoroughly exposed to bleach solution for 10 minutes.
 - g. Typical heated pressure wash is 140° water temperature, sprayed for 5-10 seconds.
 - h. Thoroughly washing vehicles and boats between sites (e.g., drive-through car wash).
 - i. Using only native plants and seed for restorations and best management practices.
 - j. If invasive aquatic or terrestrial plants are removed from a site, the permittee will take steps to minimize the spread of these species. Dispose of invasive plant material by

bagging and transporting to a landfill, composting, or burning, as appropriate and in compliance with local and state laws.

- k. A "Watch List" of Michigan's high priority aquatic invasive species along with how to report sightings can be found at <https://www.michigan.gov/invasives>.
9. If the project, or any portion of the project, is stopped and lies incomplete for any length of time other than that encountered in a normal work week, every precaution shall be taken to protect the incomplete work from erosion, including the placement of temporary gravel bag riprap, temporary seed and mulch, or other acceptable temporary protection.
10. Construction must be undertaken and completed during the dry period of the wetland, or when it is frozen.
11. No work shall be done in the stream during periods of above-normal flows except as necessary to prevent erosion.
12. During removal or repair of the existing structure, every precaution shall be taken to prevent debris from entering any watercourse. Any debris reaching the watercourse during the removal and/or reconstruction of the structure shall be immediately retrieved from the water. All material shall be disposed of in an acceptable manner consistent with local, state, and federal regulations.
13. Exposed streambanks resulting from this construction shall be stabilized with temporary measures in accordance with appropriate Best Management Practices based on site conditions, and if necessary, may be riprapped extending above the ordinary high water mark, to provide adequate erosion protection. Temporary stabilization measures shall be maintained until permanent measures are in place.
14. All other exposed slopes, ditches, and other raw areas draining directly to the stream may be protected with riprap, sod and/or seed and mulch as may be necessary to provide effective erosion protection. The placement of riprap shall be limited to the minimum necessary to ensure proper stabilization of the side slopes and fill in the immediate vicinity of the structure.
15. All dredge/excavated spoils including organic and inorganic soils, vegetation, and other material removed shall be placed on upland (non-wetland, non-floodplain), 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.
16. All fill/backfill shall consist of clean inert material that will not cause siltation nor contain soluble chemicals, organic matter, pollutants, or contaminants. All fill shall be contained in such a manner so as not to erode into any surface water, floodplain, or wetland. All raw areas associated with the permitted activity shall be stabilized with sod and/or seed and mulch, riprap, or other technically effective methods as necessary to prevent erosion.
17. Any other filling, grading, or construction within the 100-year floodplain that is not specifically authorized by this permit will require a separate EGLE permit before starting the work.

18. Fill shall not be placed to prevent surface water drainage across the site. Site runoff shall be directed to public or natural drainage ways and not unnaturally discharged onto adjacent properties.
19. 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.
- 20. No discharge is authorized from the outfall structure until the contributing drainage area is properly stabilized, or proper soil erosion measures are in place, to avoid uncontrolled sediment discharges.**
21. The placement of riprap at the outlet shall be limited to the minimum necessary to ensure proper stabilization. Riprap shall consist of natural field stone or rock (broken concrete is not allowed).
22. Upon completion of the project, any disturbed wetland areas shall be restored to the original contour elevation, revegetated and reseeded with species native to Michigan appropriate to the site, and mulched to prevent erosion. Excessive rutting and/or soil disturbance shall be reported in writing to EGLE. Monitoring and additional corrective measures may be required.
23. The property owner, contractor(s), and/or any agent involved in obtaining or exercising this permit are held responsible to ensure the project is constructed in accordance with all drawings and specifications contained in this permit. The contractor is required to provide a copy of the permit to any, and all, subcontractors doing work authorized by this permit.
24. **A storm water discharge permit may be required** under the Federal Clean Water Act for construction activities that disturb one or more acres of land and discharge to surface waters. For sites over five (5) acres, the permit coverage may be obtained by a Part 91, Soil Erosion and Sedimentation Control (SESC) permit, or coverage as an Authorized Public Agency (APA) and filing a "Notice of Coverage" form to EGLE's Water Resource Division. For sites with disturbance from one acre up to five acres, storm water coverage is automatic once the SESC permit is obtained or if work is being conducted by an APA. These one-to-five-acre sites are not required to apply for coverage but are required to comply with storm water discharge permit requirements. Information on the storm water discharge permit is available from the Water Resource Division's Storm Water Permit Program at www.michigan.gov/soilerosion under the "Construction Storm Water Info". If you have additional questions please contact Emily Koryto, EGLE Water Resources Division, by phone at 517-282-6723 or email at KorytoE2@michigan.gov.
25. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
26. 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".

- 27. 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.
- 28. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
- 29. 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.
- 30. 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.



Issued By: _____
 Claire Watts
 Lansing District Office
 Water Resources Division
 517-388-6686

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 East Lansing Clerk
 Ingham County Drain Commissioner
 Ingham County CEA
 Joshua Gleason, EGLE