

SOIL EROSION & SEDIMENT CONTROL PERMIT

01/24/2025

Date Issued

000230-2025-CO

Permit Number

Under the provisions of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, approval of the soil erosion and sediment control plan filed with this office for the following earth disruption is granted.

Project Description: LAKE ORION LUMBER - BARN AND SLAB REMOVAL

Project Location: SECTION 11 VILLAGE OF LAKE ORION
215 BROADWAY ST

Land Owner: MATTHEW GIBB

Street Address: 215 BROADWAY ST Phone: (248) 464-0307

City And State: LAKE ORION, MICHIGAN Zip: 48362

Review Fee: \$250.00 Inspection Fee: \$ 218.75

On Site Contact: CODY OSELETT Phone: (586) 322-5103


Site Classifications: 2

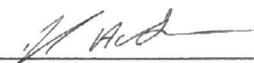
CONDITIONS AND CLARIFICATIONS

Only checked conditions are applicable

1. This permit does not include or constitute a drainage review.
2. This permit does not waive the necessity for any other federal, state or local permits as may be applicable to the project.
3. This permit is subject to any changes deemed necessary by this office to ensure that no sedimentation occurs to off-site areas or waters of the state.
4. This Soil Erosion and Sediment Control Permit is for mass grading, utilities, and interstructure only. Construction of buildings and/or any other further development of this site will require an additional permit(s).
5. This permit is issued for a plan prepared by PEA _____, their Job No. 20-0164, sheet(s) 3, last revised N/A and dated 12/20/2024.
6. This is an AFTER-THE-FACT-PERMIT. The Owner(s) and /or their agent(s) did not obtain the required permit until the project was substantially in progress.
7. IF THIS WORK SITE IS BETWEEN ONE (1) AND FIVE (5) ACRES AND HAS A POINT SOURCE DISCHARGE OF THE STORM WATER TO WATERS OF THE STATE (DIRECTLY OR THROUGH A SEPARATE STORM DRAIN SYSTEM), THE SITE HAS AUTOMATIC COVERAGE UNDER THE PERMIT-BY-RULE FOR STORM WATER DISCHARGE.
8. IF THIS WORK SITE IS FIVE (5) ACRES OR LARGER AND HAS A POINT SOURCE DISCHARGE OF THE STORM WATER TO WATERS OF THE STATE (DIRECTLY OR THROUGH A SEPARATE STORM DRAIN SYSTEM), A FEDERAL STORM WATER DISCHARGE PERMIT (N.P.D.E.S. PERMIT) WILL BE REQUIRED. A NOTICE OF COVERAGE (NOC) FORM, SITE MAP, A COPY OF THIS PERMIT, AND PERMIT FEE MUST BE RECEIVED BY THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY BEFORE ANY CONSTRUCTION BEGINS AT THE SITE. CALL 517-241-8993 FOR MORE INFORMATION.
9. Maintain the soil erosion and sediment control measures described in this permit and establish permanent soil erosion measures in all disturbed areas. If "start-up" for the next phase of

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JIM NASH, WATER RESOURCES COMMISSIONER
Designated Enforcement Agency
Part 91 of Public Act 451 of 1994


JOSEPH A. GARDNER
Soil Erosion & Sediment Control Agent
Oakland county, Michigan

construction following mass grading is delayed due to seasonal limitations, etc., then a combination of seeding, mulching, diversion ditching and/or additional perimeter sedimentation control measures may be required to achieve effective soil erosion and sediment control. Install and maintain such measures as necessary throughout the project.

10. This Soil Erosion and Sedimentation Control Permit does not convey permission to discharge into or work within the easement of the _____ Drain. Please contact the Oakland County Drain Commissioner's Office at 248-858-0958 for permit requirements.
11. That all required temporary erosion and sediment control measures will be installed and maintained according to the sequence-of-construction specified on the drawings, and the following requirements:
- A. Provide perimeter sedimentation controls, as specified in the sequence-of-construction, at locations as illustrated on the drawings. Design and install measures to convey water at a non erosive velocity before it leaves the site.
 - B. Maintain a 25-foot wide vegetative buffer zone around the perimeter of the site.
 - C. Immediately install stone access drive (1" x 3" crushed stone) at project entrance(s) and maintain it until a permanent drive is installed.
 - D. Construct diversion berms or install sedimentation fencing as needed to prevent migration of sedimentation from the site to adjacent properties or bodies of water.
 - E. Install geotextile filter fabric fence in accordance with the Soil Erosion and Sedimentation Control Standard Details. Straw bales can only be used behind silt fence as support for winter/frozen ground conditions.
 - F. Install inlet filters on existing inlets in the affected area and maintain them throughout the project. Alternative inlet filters must be used in areas that may become a safety hazard due to flooding or freezing.
 - G. Clear, grub, strip, and stockpile topsoil.
 - H. Grade site, including construction of the detention/retention/sedimentation basin(s) and yard swales. Immediately establish vegetation on ditches, swales, and basins.
 - I. Immediately install stone outlet filters on the basin outlet structure(s).
 - J. Construct check dams as shown on the plans.
 - K. Due to the steep slopes associated with this site, additional soil erosion control measures, such as diversion ditching, earth berming, slope stabilization, erosion control blankets, turf reinforcement mats, or a combination of these and other measures must be installed as shown on the plan to control soil erosion and sedimentation on the site.
 - L. Install temporary erosion controls as required to confine sedimentation in the immediate area of construction for off-site water main, storm drain, or sanitary sewer. Begin off-site construction and continue to completion, maintaining soil erosion and sedimentation controls as necessary.
 - M. Immediately establish vegetation on disturbed off-site areas.
 - N. Install storm drain, sanitary sewer, and water main completely. Immediately install inlet filters on catch basins and inlets in pavement areas. Install rear yard catch basin inlet filters on catch basin and inlets in vegetated areas. Install flared end-sections on pipe ends, and rip-rap at pipe end-sections.
 - O. Install driveway culverts and construct road ditches. Immediately establish vegetation in the road ditches.
 - P. Begin building construction.
 - Q. Install public utilities: gas, electric, telephone, etc.
 - R. Install pavement and walks completely. Repair and/or replace inlet filters. Alternative inlet filters must be used in areas subject to flooding or freezing to prevent a safety hazard once the development is occupied.
 - S. Complete home(s) or building(s) construction.
 - T. If finish grading, redistribution of topsoil, and establishment of vegetation and/or landscaping cannot be completed immediately, do the following to minimize soil erosion and sedimentation:
 - i. Try to maintain a 25-foot minimum vegetated buffer zone or greater in accordance with detail SP-1 of the Soil Erosion and Sedimentation Control Standard Details adjacent to

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curb or edge of pavement, wetlands, streams, lakes, or any other bodies of water and any off-site areas that receives surface runoff from this site.

- ii. If the required vegetative buffer cannot be achieved, a stone filter with geotextile filter fabric fence shall be installed on areas that drain to the pavement and/or geotextile filter fabric fence to prevent soil erosion and sedimentation on neighboring property.
- iii. Vegetate all swales, ditches, drainage easements, and disrupted off-site areas.
- iv. Install geotextile filter fabric fence around the top of retention and/or detention basins until said basins are vegetated.
- v. Install a minimum 25' x 25' sod inlet filter or greater in accordance with detail SP-1 of the Soil Erosion and Sedimentation Control Standard Details or rear yard catch basin filters around inlets.
- vi. Protect disrupted areas that drain directly into wetlands.
- vii. Protect disrupted areas that drain directly into _____ Lake.

U. If the proposed soil erosion controls are not properly maintained, or are insufficient, then additional soil erosion controls shall be required.

V. Temporary stabilization will be provided during the non-growing season for areas to be seeded or sodded. Areas temporarily stabilized during the non-growing season will be permanently stabilized immediately following the commencement of the next planting season. Straw or hay mulch will be removed or deeply incorporated into the soil before providing permanent stabilization. Dormant seeding is also recommended for early spring growth.

W. Clean pavements, walks, swales, ditches, culverts, watercourses, storm drains, retention and/or detention basins, lakes, streams and wetlands of accumulated sediment as needed throughout the project. All pavement, walks, swales, ditches, culverts, watercourses, storm drains, retention and/or detention basins, lakes, streams, and wetlands will need to be cleaned in conjunction with the removal of temporary soil erosion control measures. Re-establish vegetation as necessary.

X. Complete permanent soil erosion control measures for the earth change within five calendar days after final grading or upon completion of the final earth change. If it is not possible to permanently stabilize the earth change, then maintain temporary soil erosion and sedimentation control measures until permanent soil erosion control measures are in place and the earth is stabilized. Permanent soil erosion vegetation is defined as having one (1) inch minimum of height and 90% of ground cover.

- 12. Soil erosion and sedimentation control measures shall be installed in accordance with the Oakland County Drain Commissioner's standard details. Design, construct and complete earth changes in a manner that limits the exposed area for the shortest period of time.
- 13. Control devices shall be periodically maintained and cleaned of accumulated sediment. Streets in the affected area shall be cleaned daily of sediment and debris.
- 14. Erosion and sediment control devices shall remain operational until disrupted areas are permanently stabilized, at which time they shall be removed.
- 15. Submit revised plans to this office if there are changes to the grading plan, storm drainage system, soil erosion control plan, lot numbers, etc.
- 16. When permanent soil erosion control measures are completed, permanent vegetation established, and temporary soil erosion and sediment control measures removed, the permit holder will request a final inspection within one week of completion of permitted work. After final inspection, the permit is closed and no further earth disruption can occur without a new permit.

I MG _____ agree to follow all of the above checked required soil erosion conditions.
Landowner/agent initials

Enforcement Acknowledgement

- 1. Failure to comply with the applicable requirements of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, Act 451 of the Public Acts of 1994, as amended (Part 91), is a civil infraction and will result in one or more of the following actions taken by this office: (1) a fine up to \$2,500; (2) installation of soil erosion and sedimentation controls by county enforcing agency with all costs related to the administration, legal costs, permit or renewal fees and implementation of controls to be assessed against the landowner which may become a lien on the property if not paid; (3) a temporary restraining order will be filed in court to restrain any and all further construction at the property site, and to recover damages to the natural resources of the state; and (4) any other legal action necessary to ensure compliance with Michigan law.

2. A person who knowingly violates Part 91 or knowingly makes a false statement in an application for a permit or in a soil erosion and sedimentation control plan may be ordered to pay a fine of up to \$10,000 for each day of violation.
3. If corrective action is not taken within five (5) days of the date of a Notice of Determination of Violation letter, the permit holder will be responsible for a payment of a civil fine of not less than \$2,500 or more than \$25,000 for each day of violation. MCL 324.9121(1); 9121(2); and 9121(3).
4. By applying for and accepting this permit, the landowner hereby consents to the following: (1) the authority of the Michigan Department of Environmental Quality, or the county enforcing agency to enter upon the property at all reasonable times for the purpose of inspecting and investigating conditions or practices that may be in violation of Part 91; (2) installation of soil erosion and sedimentation controls by the county enforcing agency with all costs related to the administration, legal costs, permit or renewal fees and implementation of controls to be assessed against the landowner which may become a lien on the property.
5. No earth disruption can occur on this site before the issuance of the soil erosion permit.
6. A violation re-inspection fee of \$175 will be assessed if the violations are not corrected within the five (5) day period.

This permit will be renewed every three months from the expiration date at the current class inspection rate until the project has permanent soil erosion controls in place and temporary soil erosion controls removed.

An invoice for the renewal fee will be sent to the permit holder.

This Permit can only be renewed for a maximum of ONE (1) year of inactivity from the date of application.

I hereby acknowledge that I have read, understand, and accept the terms and conditions of this permit.

Property Owners Signature: _____



(or Designated Agent signature*)

- * Designated agent must have a written and notarized statement from the property owner providing authorization to secure a permit on behalf of the property owner.