



**DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER RESOURCES DIVISION
GREAT LAKES SHORELANDS UNIT**

APPLICATION FOR SUBMERGED LOGS RECOVERY PERMIT

In accordance with Sections 32603 and 32604 of Part 326, Great Lakes Submerged Logs Recovery, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, the undersigned herewith makes application for a permit to remove logs from state-owned bottomland. Completion of this form is required to obtain a permit.

Applicant / (firm name and contact person)		Agent/Contractor / (firm name and contact person)	
Mailing Address		Mailing Address	
City	State	Zip Code	
Daytime Telephone Number with Area Code/Cell Phone Number with Area Code		Daytime Telephone Number with Area Code/Cell Phone Number with Area Code	
Fax	E-mail	Fax	E-mail
Name of Entity Issuing an Irrevocable Letter of Credit or Providing a Performance Bond		Name of Municipality/Township Where Proposed Landing Site is Located	
Mailing Address		Town	Range
City		State	Zip Code
Daytime Telephone Number with Area Code		Mailing Address	
		City	State
		Zip Code	

Proposed Recovery Area

Name of Great Lake	Common Location Name	County	Township
Is dredging proposed to conduct the log recovery operation? <input type="checkbox"/> Yes <input type="checkbox"/> No		Town	Range
		Section	Acres

**Differential – Global Positioning System Coordinates (D-GPS) in Decimal Degrees to 5 Decimal Places For Recovery Area Corners
Referenced to _____ World Geodetic System (WGS-84) or _____ North American Datum (NAD-83)**

Latitude	Longitude	Latitude	Longitude
1.		3.	
2.		4.	

IMPORTANT: ALL OF THE FOLLOWING MUST BE ATTACHED TO THIS COMPLETED FORM TO MAKE THE APPLICATION COMPLETE.

FAILURE TO SUBMIT ANY OF THE FOLLOWING WILL DELAY APPLICATION PROCESSING:

1. Application Filing Fee of \$500 made payable to the "State of Michigan."
2. A detailed written narrative of your submerged logs recovery plan which includes all of the following:
 - a. Scaled location maps of recovery site and landing site.
 - b. Scaled maps of recovery site and landing site.
 - c. Scaled bathymetric map of recovery site.
 - d. Detailed description of physical and habitat characteristics of recovery site.
 - e. Evidence of logs in recovery area and target log volumes and species.
 - f. Activity schedules and description of proposed methodologies for log retrieval from bottom, of transport to land, of transfer to shore, of loading and storage areas and proposed mitigation to minimize environmental effects from proposed recovery operation.
 - g. Name, address, phone number, e-mail, and qualifications of independent scaling agent.

See Recovery Plan Preparation Guidance on the reverse side of this page for additional information on plan preparation.

READ CAREFULLY BEFORE SIGNING

Application is hereby made for a permit to authorize recovery of submerged logs from the Great Lakes as described herein. I certify that I am familiar with the information contained in this application packet and with Part 326, Great Lakes Submerged Log Recovery, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and that to the best of my knowledge and belief the information contained in this application is true and accurate. I certify that I have the authority to undertake the activities proposed in the application. By signing this application, I understand that representatives of the Michigan Department of Environmental Quality (DEQ) and the U.S. Army Corps of Engineers (USACE) shall verify that the recovery operations, scaling activities, and/or inventory complies with Part 326 under a granted permit. I understand that the granting of a permit by the DEQ or USACE does not release me from the requirements of obtaining any and all necessary permits from other local, county, state, or federal agencies. I understand that the payment of the fee does not guarantee issuance of a permit.

FOR CASHIER'S USE ONLY: _____

Applicant's Signature _____ Date _____

**A submerged logs recovery plan must include all of the following (check off as completed):**

- Scaled Location Map of Recovery Site and Landing Site:** The map or maps must show the recovery site, landing site, distance to shore, and other significant features, such as submerged cables, intakes, outfalls, charted navigation channels, underwater preserves, shipwrecks, etc. The map or maps should include the digital-global positioning system (D-GPS) coordinates for the recovery site, landing site, and other significant features and must not exceed a scale of 1:120,000. The D-GPS coordinates must be represented in degree decimals to five decimal places. National Oceanic and Atmospheric Administration (NOAA) lake charts are acceptable if the recovery site and significant features are shown and the respective D-GPS coordinates are provided.
- Scaled Map of Recovery Site and Landing Site:** The map of the recovery site must clearly show the location of the target submerged logs, vegetation beds, and the location of geological, manmade, or other structural features within the site. The proposed recovery area shall be square or rectangular in shape, shall be a contiguous area of not more than 320 acres, and the length shall not exceed the width by more than a factor of six. The landing site map must show where the logs will be off-loaded to land in relation to the site boundaries, any on-site equipment and/or infrastructure necessary to transport the logs to land, where the recovered logs will be temporarily stored, and any physical alterations necessary to utilize the site. The landing map should also indicate the presence and location of any wetlands.
- Scaled Bathymetric Map of Recovery Site:** The map must clearly show the topography of the lake bottom within the recovery site and should indicate water depths across the site. The map must also include measurements of water depth to logs within the recovery site and the depths to which logs may be embedded in the lake bottom.
- Detailed Description of the Physical and Habitat Characteristics of Recovery Site:** Include a narrative of the lake bottom type in terms of substrate (sand, silt, clay, mud, gravel, cobble, rock, bedrock, etc.), vegetation (species if known and extent), and other significant features present within the recovery site. Specify whether or not there are known contaminated sediments within the site. Be advised that specific measures will be required to minimize water quality issues and disturbance/resuspension of contaminated sediments. If evidence of previously unknown contamination/pollution is discovered during the course of submerged log removal, all submerged log recovery activity shall immediately cease and the permittee shall be directed to contact the Water Resources Division, Remediation and Redevelopment Division, and/or Office of Waste Management and Radiological Protection of the DEQ to determine the necessary course of action.
- Target Log Volumes and Species:** Include a comprehensive narrative of the occurrence of logs within the recovery area by species, if known, volume, and the nature of their occurrence (individual logs or piles of logs).
- Evidence of Logs in Recovery Site:** Documentation must include underwater photographs, video, or visual observations taken of the recovery area. The documentation of the recovery area should be subdivided, if necessary, into areas no larger than 20 acres.
- Proposed Recovery Plan Narrative:** Include a comprehensive description of the proposed methods and equipment to be used to raise the submerged logs, the time of year during which the submerged logs will be raised, and the procedures and equipment to be used for transferring and off-loading the logs to the shore. Specify in the recovery plan description whether dredging will occur, and if so, the area and volumes of sediment to be dredged and the equipment to be utilized for dredging. The description must also include a comprehensive narrative of the steps to be taken to minimize and mitigate environmental effects from the proposed log recovery operation within the recovery site and at the landing site. The names and addresses of the property owners immediately adjacent to the landing site and the local unit of government with jurisdiction over the landing site property must be provided. If the applicant does not own the landing site property, specify the name and address of the property owner.
- Scaling Agent:** Include name, address, phone number, e-mail, and qualifications of independent scaling agent.

PLEASE NOTE: APPLICATIONS RECEIVED AFTER FEBRUARY 1ST FOR LOG RECOVERY OPERATIONS COMMENCING IN THE SAME CALENDAR YEAR WILL BE RETURNED. A COMPLETE APPLICATION WILL BE PUBLIC NOTICED BY THE DEQ FOR 20 DAYS TO PROVIDE THE GENERAL PUBLIC, GOVERNMENTAL AGENCIES, AND OTHERS AN OPPORTUNITY TO COMMENT ON THE PROPOSED WORK. ONE COPY OF ALL MAPS SUBMITTED MUST BE ON 8.5-INCH X 11-INCH PAPER FOR PUBLIC NOTICE PURPOSES. ALL OTHER COPIES MUST BE AT AN APPROPRIATE SCALE SO AS TO BE CLEARLY LEGIBLE. COMMENTS RECEIVED BY THE DEQ WILL BE CONSIDERED IN MAKING A FINAL DECISION ON THE APPLICATION. A PERMIT IS ALSO REQUIRED FROM THE USACE FOR SUBMERGED LOG RECOVERY. A COPY OF THIS APPLICATION WILL BE FORWARDED TO THE USACE.

PLEASE RETURN THE COMPLETED APPLICATION PACKET TO THE ADDRESS BELOW. IF YOU HAVE QUESTIONS OR NEED ASSISTANCE, PLEASE CALL 517-284-5567.

DEPARTMENT OF ENVIRONMENTAL QUALITY
CASHIER'S OFFICE – WRD - SUBMERGED LOGS RECOVERY PROGRAM
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LANSING, MI 48909-7958