

Draft  
Michigan Department of Environmental Quality  
Certification under Section 401 of the Federal Clean Water Act

In the matter of:      Navigational Maintenance Dredging of Arcadia Harbor Federal  
                                 Navigational Channel, Dredging Project  
                                 Manistee County, Michigan  
                                 Department of the Army  
                                 Detroit District, Corps of Engineers

The Michigan Department of Environmental Quality (DEQ) certifies that the proposed dredging by the United States Army Corps of Engineers (USACE) in the Arcadia Harbor navigational channel and the beach application of dredged materials on the shoreline will comply with Section 401 of the federal Clean Water Act and the Michigan Water Quality Standards provided that the conditions set forth in this Section 401 Water Quality Certification (Certification) are met. This Certification is based on the USACE January 21, 2009, Section 401 Certification request and the January 22, 2009, coordination letter.

Certification conditions:

1. The Cadillac District Supervisor, (231-876-4475), Water Bureau (WB), DEQ, shall be notified 48 hours prior to the commencement of dredging operations in Arcadia Harbor.
  
2. The dredging operation shall be limited to the boundaries of the Arcadia federal navigational channel. The dredged material disposal location shall be restricted to an area beginning 500 ft north of the north pier, extending 7,000 ft north and shall be limited to the 0 to 4 ft deep contours (Figure 1).
  
3. Only hydraulic dredging or dredging with an environmental bucket shall be used.

4. During dredging, the re-suspension of silt, other fine particles or materials, oils and films shall be minimized by careful equipment operation, and, if necessary, floating booms, silt curtains, or screens and other suitable means
5. The application of dredged materials on the shoreline shall not have any unnatural physical properties (turbidity, color, oil film, floating solids, foams, settleable solids, suspended solids, or deposits) in quantities which are or may become injurious to any designated uses. Any unusual characteristics of the discharge shall be reported immediately to the Cadillac District Supervisor of the WB, DEQ, followed by a written report within ten days detailing the findings of the investigation and steps taken to correct the condition(s).
6. It is the duty of the USACE to comply with all the terms and conditions of this Certification. Any noncompliance with the conditions or terms of this Certification constitutes a violation of the Michigan Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and/or the federal Clean Water Act and constitutes grounds for enforcement action; Certification termination; revocation and re-issuance, or modification; or denial of a future application.

7. Civil and Criminal Liability

Nothing in this Certification shall be construed to relieve the USACE from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond the USACE control, such as accidents, equipment breakdowns, labor disputes, or contractor performance.

8. Oil and Hazardous Substance Liability

Nothing in this Certification shall be construed to preclude the institution of any legal action or relieve the USACE from any responsibilities, liabilities, or penalties to which the USACE may be subject under Section 311 of the Federal Water Pollution Control Act except as are exempted by federal regulations.

9. State Laws

Nothing in this Certification shall be construed to preclude the institution of any legal action or relieve the USACE from any responsibilities, liabilities, or penalties established pursuant to any applicable state or federal law.

10. Natural Resources Damages and Penalties

The state reserves the right to seek civil and/or criminal penalties and liabilities under applicable law for natural resource damages that may occur.

11. Certifications and Approvals

Nothing herein shall relieve the USACE from the requirement to obtain any other necessary state, federal or local permits, including other permits from the DEQ, certifications, licenses, or approvals for the beach application of dredge materials and navigational dredging operations.

Issued this \_\_\_ day of \_\_\_ 2009, and shall expire five years from date of issuance.

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Diana Klemans, Chief  
Surface Water Assessment Section  
Water Bureau  
Michigan Department of Environmental Quality



Figure 1. Arcadia Harbor and Beach Nourishment Area