



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-3362

August 30, 2021

IDNR/Office of Water Resources
Lake Michigan Management Section
160 North LaSalle Street, Suite S-703
Chicago, Illinois 60601

RECEIVED

SEP 07 2021

Dept. of Natural Resources
Office of Water Resources

Re: 151 Sheridan Road - Shoreline Restoration (Cook County)
Log No. 2021-66593
Bureau ID # W0318100051
Final Determination #: 2021-LM-66593

Sir or Madam:

This Agency received a request on May 10, 2021 from Jason Hanold requesting necessary comments concerning the proposed bluff stabilization and shoreline protection include approximately 0.097 acres of stone revetment at 151 Sheridan Road, Winnetka, Illinois. We offer the following comments.

Based on the information included in this submittal, it is our engineering judgment that the proposed project may be completed without causing water pollution as defined in the Illinois Environmental Protection Act, provided the project is carefully planned and supervised.

These comments are directed at the effect on water quality of the construction procedures involved in the above described project and are not an approval of any discharge resulting from the completed facility, nor an approval of the design of the facility. These comments do not supplant any permit responsibilities of the applicant toward the Agency.

This Agency hereby issues Final Determination under Section 39 of the Illinois Environmental Protection Act, subject to the applicant's compliance with the following conditions:

1. The applicant shall not cause:
 - a. violation of applicable water quality standards of the Illinois Pollution Control Board, Title 35, Subtitle C: Water Pollution Rules and Regulations;
 - b. water pollution defined and prohibited by the Illinois Environmental Protection Act;
 - c. interference with water use practices near public recreation areas or water supply intakes; or
 - d. violation of applicable provisions of the Illinois Environmental Protection Act.
2. All areas affected by construction shall be mulched and seeded as soon after construction as possible. The applicant shall undertake necessary measures and procedures to reduce erosion during construction. Interim measures to prevent erosion during construction shall be taken and may include the installation of silt fences, sedimentation basins and temporary mulching. All construction within the waterway shall be constructed during zero or low flow conditions. The applicant shall be responsible for obtaining an NPDES Storm Water Permit prior to initiating construction if the

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

construction activity associated with the project will result in the disturbance of 1 (one) or more acres, total land area. An NPDES Storm Water Permit may be obtained by submitting a properly completed Notice of Intent (NOI) form by certified mail to the Agency's Division of Water Pollution Control, Permit Section.

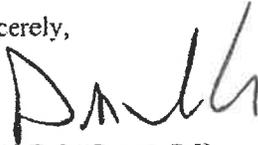
3. The applicant shall implement all necessary sedimentation and erosion control measures consistent with the current version of the "Illinois Urban Manual" found at <https://illinoisurbanmanual.org/>.
4. Asphalt, bituminous material and concrete with protruding material such as reinforcing bar or mesh shall not be 1) used for backfill, 2) placed on shorelines/streambanks, or 3) placed in waters of the State.
5. The fill material used in Lake Michigan shall be predominantly sand or larger size material, with <20% passing a #230 U. S. sieve.
6. All material excavated which is not being used as backfill in accordance with the application documents shall be stored or disposed of in self-contained areas with no discharges to waters of the State.
7. Temporary work pads, cofferdams, access roads and other temporary fills shall be constructed of clean coarse aggregate or non-erodible non-earthen fill material that will not cause siltation. Material excavated or dredged from the surface water or wetland shall not be used to construct the temporary facility.
8. Fill material used for temporary work areas in Lake Michigan shall consist of clean coarse aggregate and shall be removed entirely upon project completion. Material excavated or dredged from Lake Michigan shall not be used to construct the temporary work areas.
9. Construction activities shall be conducted in a manner to minimize resuspension of materials in the water column. Techniques such as careful equipment use, construction during favorable weather conditions that minimize turbulence and transport of suspended contaminants and other methods such as turbidity curtains should be used as necessary to minimize re-suspension of sediment material. Turbidity curtains shall be used in accordance with the current version of the "Illinois Urban Manual" <https://illinoisurbanmanual.org/> Practice Standard for Floating Silt Curtain (no. 917).
10. All construction equipment and material that enters Lake Michigan shall be free of contaminants of any kind including, but not limited to: sludge, clay, dirt, oil, grease, organic matter, or any other pollutant that would produce offensive conditions or otherwise violate water quality standards.
11. All hydraulic machinery used for this activity and deployed in or immediately adjacent to Lake Michigan shall utilize biodegradable or bio-based hydraulic fluids to minimize pollution in the case of broken or leaking hydraulic equipment.
12. This Section 39 final determination does not cover material excavated, dredged or otherwise produced from Lake Michigan to be used as fill material in Lake Michigan. The proposed shoreline restoration shall not result in discharges of dredged materials without proper authorizations including testing of materials in accordance with applicable regulations. All dredged materials shall be stored or disposed of in self-contained areas with no discharges to waters of the State.
13. This Section 39 final determination does not authorize the construction of boat ramps or related facilities or the construction and installation of stormwater handling and discharge structures.

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This final determination becomes effective when the Illinois Department of Natural Resources, Office of Water Resources, includes the above conditions # 1 through # 13 as conditions of the requested permit pursuant to Section 39 of the Illinois Environmental Protection Act and Chapter 19, par. 65, Ill. Rev. Stat.

This Section 39 final determination does not grant immunity from any enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water pollution.

Sincerely,



Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT: 2021-66593 151 Sheridan Road - 39 Final Determination

cc: IEPA Records Unit
IEPA, DWPC, Des Plaines FOS
Jason Hanold
Shabica & Associates, Inc.
SMT