



DEPARTMENT OF THE ARMY  
CHICAGO DISTRICT, U.S. ARMY CORPS OF ENGINEERS  
231 SOUTH LA SALLE STREET, SUITE 1500  
CHICAGO IL 60604

18 JUN 2014

Technical Services Division  
Hydraulic and Environmental Engineering Section

Mr. James Casey, P.E.  
Illinois Department of Natural Resources  
Office of Water Resources  
160 N. LaSalle St.  
Suite S-703  
Chicago, Illinois 60601

RECEIVED  
JUN 23 2014

OFFICE OF WATER RESOURCES  
DIVISION OF RESOURCE MANAGEMENT

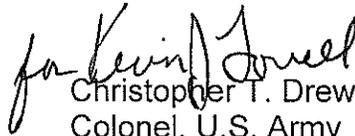
Dear Mr. Casey:

This letter is an addendum to our last correspondence dated 22 May 2014 regarding maintenance of the Chicago Harbor Breakwater. The U.S. Army Corps of Engineers, Chicago District requests a Federal Consistency Determination from the Illinois Coastal Management Program for the project. The proposed activity complies with Illinois' approved coastal management program and will be conducted in a manner consistent with such policies.

A failed section of the Chicago Harbor Breakwater will be replaced with approximately 102 linear feet of new cast-in-place concrete slab and cap. The project includes application of grout mix to the interior, grout containment barriers on the exterior, and re-use of breakwater stones. Water quality certification 2009-LM-2697 under Section 401 of the Clean Water Act has already been obtained. A copy of 2009-LM-2697 and the drawings for this project were enclosed with the May 22 letter.

Any additional questions regarding this project may be directed to Margaret Rauwerdink at (312) 846-5502, or to Jay Semmler, Chief, Hydraulic and Environmental Engineering Section at (312) 846-5500.

Sincerely,

  
Christopher T. Drew  
Colonel, U.S. Army  
District Commander

CC: Diane Tecic, IDNR



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829  
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

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Chicago District  
Corps of Engineers  
111 North Canal Street  
Chicago, IL 60606

Illinois Department of Natural Resources  
Office of Water Resources  
36 South Wabash  
Room 1415  
Chicago, IL 60603

Re: U.S. Army Corps of Engineers, Chicago District – Chicago Harbor Exterior Breakwater  
Permit # 2009-LM-2697  
Log # LM2697-09 and C-0302-09

Gentlemen:

This Agency received a request on May 11, 2009 from the U.S. Army Corps of Engineers, Chicago District requesting necessary comments concerning the repair of the Chicago Harbor Exterior Breakwater with stone and grout. 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 due to the construction activities 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 certification under Section 401 of the Clean Water Act (PL 95-217) and 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 provisions of the Illinois Environmental Protection Act;
  - b. violation of applicable water quality standards of the Illinois Pollution Control Board, Title 35, Subtitle C: Water Pollution Rules and Regulation;
  - c. water pollution defined and prohibited by the Illinois Environmental Protection Act; or
  - d. interference with water use practices near public recreation areas or water supply intakes.

Rockford • 4307 N. Main St., Rockford, IL 61104 • (815) 967-2760  
Eggin • 898 E. State, Eggin, IL 60122 • (847) 608-3131  
Bureau of Land • Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-8462  
Collinsville • 2099 Main Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Hamilton St., Des Plaines, IL 60016 • (847) 294-4000  
Peoria • 3415 N. University St., Peoria, IL 61614 • (309) 693-5463  
Champaign • 4125 S. First St., Champaign, IL 61820 • (217) 374-5100  
Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

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Log No. LM 2697-09 and C-0302-09

2. The applicant shall provide adequate planning and supervision during the project construction period for implementing construction methods, processes and cleanup procedures necessary to prevent water pollution and control erosion.
3. Any spoil material excavated, dredged or otherwise produced must not be returned to the waterway but must be deposited in a self-contained area in compliance with all state statutes, regulations and permit requirements with no discharge to waters of the State unless a permit has been issued by this Agency. Any backfilling must be done with clean material and placed in a manner to prevent violation of applicable water quality standards.
4. 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 staked straw bales, 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 construction activity associated with the project will result in the disturbance of 1 (one) or more acres, total land area on or after March 10, 2003. 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.
5. The applicant shall implement erosion control measures consistent with the "Illinois Urban Manual" (IEPA/USDA, NRCS; 2002).
6. The applicant is advised that the following permit(s) must be obtained from the Agency: the applicant must obtain permits to construct sanitary sewers, water mains and related facilities prior to construction.
7. This certification and final determination does not authorize discharge from the grout tubing operations.

This certification and final determination becomes effective when the Department of the Army, Corps of Engineers, and the Illinois Department of Natural Resources, Office of Water Resources, includes the above condition # 1 through # 7 as conditions of the requested permit issued pursuant to Section 404 of PL 95-217, and Section 39 of the Illinois Environmental Protection Act and Chapter 19, par.65, III. Rev. Stat.

This 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,



Alan Keller, P.E.  
 Manager, Permit Section  
 Division of Water Pollution Control

SAK:DLH:JRA:

cc: IEPA, Records Unit  
 IEPA, DWPC, POS, DesPlaines  
 CoE, Chicago District  
 USEPA, Region 5

TOTAL P.03















