

NPDES Permit No. IL0077534
Notice No. MEL:11081001.bah

Public Notice Beginning Date: **September 15, 2011**

Public Notice Ending Date: **October 17, 2011**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

U.S. Army Corp of Engineers
111 North Canal Street, Suite 600
Chicago, Illinois 60606

Name and Address of Facility:

Aquatic Nuisance Species Dispersal Barriers IIA & IIB
Chicago Sanitary and Ship Canal
River Mile 296.25
Romeoville, Illinois 60446
(Will County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Mark E. Liska at 217/782-0610.

The applicant is engaged in protection of natural resources in the State of Illinois (SIC 4449). Waste water is generated from the cooling of equipment used to create an electric barrier to prevent migration of non-indigenous aquatic nuisance species. Plant operation results in an average discharge of 0.08 MGD of non-contact cooling water from outfall 001 and 002.

Application is made for the existing discharge(s) which are located in Will County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Chicago Sanitary and Ship Canal	41° 38' 29" North	88° 3' 35" West	Secondary Contact	D
002	Chicago Sanitary and Ship Canal	41° 38' 29" North	88° 3' 35" West	Secondary Contact	D

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment GI-03 receiving the discharge from outfall(s) 001 and 002 is on the 2010 303(d) list of impaired waters and is a biologically significant stream.

The following parameters have been identified as the pollutants causing impairment:

<u>Designated Use</u>	<u>Potential Cause</u>
Fish Consumption	Mercury, PCBs
Indigenous Aquatic Life	Ammonia, Phosphorus (Total)

The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall: 001 and 002

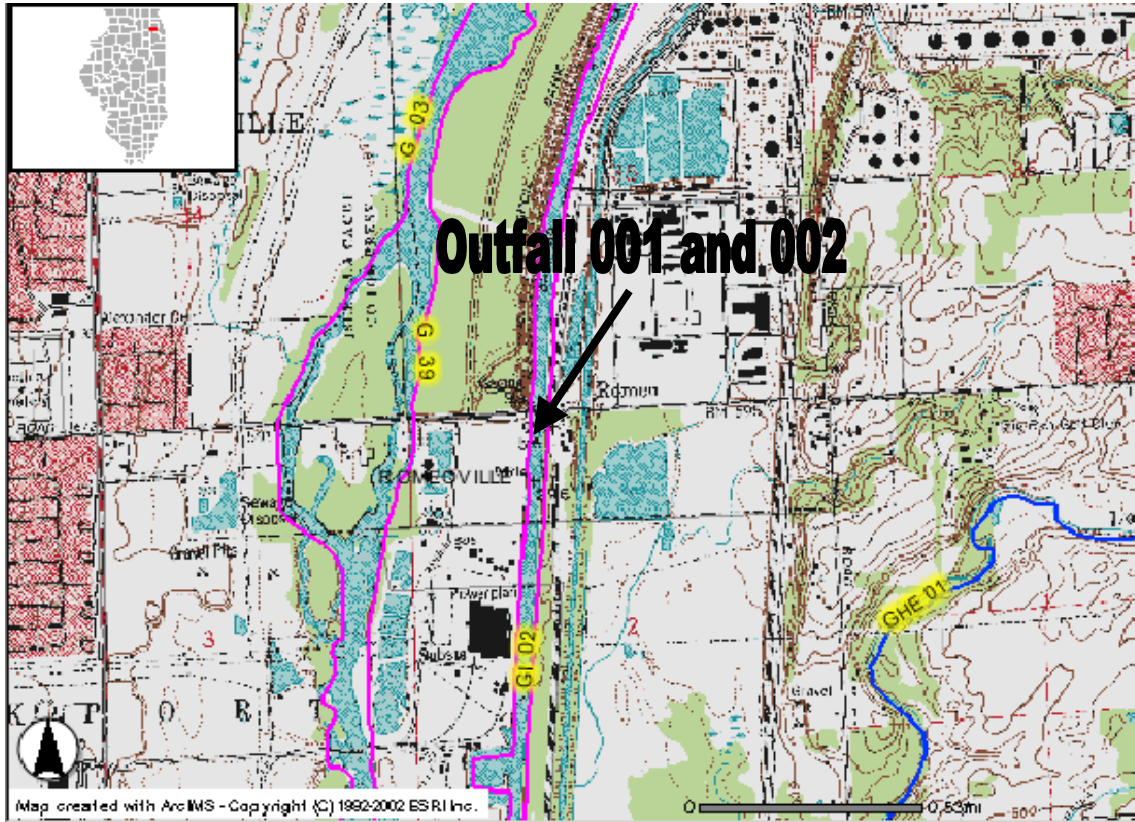
PARAMETER	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/L		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow						35 IAC 309.146
Temperature						35 IAC 309.146

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

Special Conditions will require monthly DMR submission, explain the sampling locations, and explain the non-contract cooling water limitations of this permit.

Operational control of the dispersal barrier has been transferred from the Illinois Department of Natural Resources to the U.S. Army Corps of Engineers.



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Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

U.S. Army Corp of Engineers
111 North Canal Street, Suite 600
Chicago, Illinois 60606

Facility Name and Address:

Chicago Sanitary and Ship Canal
River Mile 296.25
Romeoville, Illinois 60446
(Will County)

Discharge Number and Name:

001 – Non-Contact Cooling Water – Electric Fish Barrier 2A
002 – Non-Contact Cooling Water – Electric Fish Barrier 2B

Receiving Waters:

Chicago Sanitary and Ship Canal
Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

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

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Effluent Limitations and Monitoring

- From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 001 and 002

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow	See Special Condition 1				1/Week	Single-Reading
Temperature	Monitor Only				1/Month	Single-Reading

Special Conditions

SPECIAL CONDITION 1. Flow shall be reported as a daily maximum and a monthly average of DMR forms in Million Gallons per Day (MGD).

SPECIAL CONDITION 2. For the purpose of this permit, the discharge from outfalls 001 and 002 is limited to non-contact cooling water only, free from process and other wastewater discharges. In the event that the permittee shall require the use of water treatment additives, the permittee must request a change in this permit in accordance with the Standard Conditions -- Attachment H.

SPECIAL CONDITION 3. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 4. This permit is issued with the understanding that the non-contact cooling water intake/source water is from the Chicago Sanitary and Ship Canal. If an alternate source of non-contact cooling water is required then the permittee shall request modification of permit prior to use of the new source water.

SPECIAL CONDITION 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 6. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

