

NPDES Permit No. IL0079693
Notice No. drgIL0079693

Public Notice Beginning Date: **August 26, 2011**

Public Notice Ending Date: **September 26, 2011**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued/Modified NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA
Bureau of Water
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-3362

Name and Address of Discharger:

Midwest Controlled Storage
3411 Gardner Expressway
Quincy, IL 62305

Name and Address of Facility:

Midwest Control Storage
3411 Gardner Expressway
Quincy, IL 62305
(Adams 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 commenter 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. Commenters 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. Commenters 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 Darren Gove at 217/782-0610.

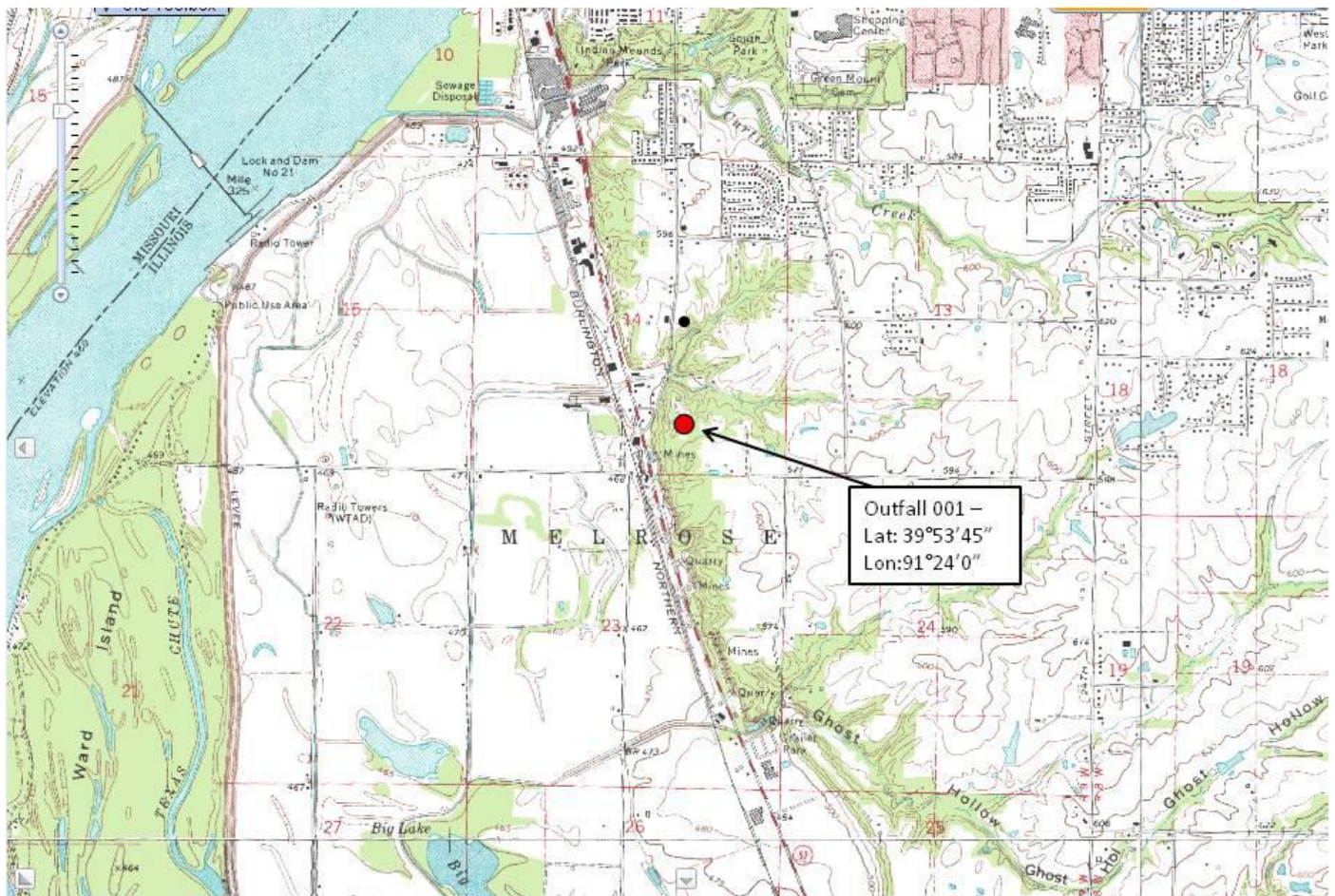
The applicant is engaged in underground warehousing (SIC 4225). Facility operations include the operation of a refrigeration plant and associated cooling tower. Wastewater is generated from non-contact cooling water. Plant operation results in an average discharge of 0.001 MGD of non-contact cooling water from outfall 001. This permit is a renewal for an outfall previously covered under IL0061336.

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

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Unnamed Tributary to Mississippi River	39°53'45.00"	North	91°24'0.00"	West	General Use	Not Rated

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

NPDES# IL0079693 MIDWEST CONTROLLED STORAGE, Adams County near Quincy



IEPA Public Notice, location Map

The stream segment(s) receiving the discharge from outfall(s) 001 is not on the 303(d) list of impaired waters.

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfall(s): 001 - Non-Contact Cooling Water						
Flow(MGD)						
Total Suspended Solids				15	30	304.124
pH	Shall be in the Range of 6.5-9 Standard Units					302.204
Bromine				0.05	0.10	40 CFR 125
Temperature						302.211
Offensive Conditions	No effluent shall contain sludge solids, floating debris, visible oil, odor, plant or algal growth, color or visible turbidity.					302.203

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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/Modified (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Facility Name and Address:

Midwest Controlled Storage
3411 Gardner Expressway
Quincy, IL 62305

Midwest Control Storage
3411 Gardner Expressway
Quincy, IL 62305
(Adams County)

Discharge Number and Name:

Receiving Waters:

001 - Non-Contact Cooling Water

Unnamed Tributary to Mississippi River

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:

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM		
Cooling Water Outfall(s): 005 - Non-Contact Cooling Water							
Flow (MGD)						*	
Total Suspended Solids				15	30	**	***
pH	Shall be in the Range of 6.5-9 Standard Units. The monthly minimum and maximum shall be reported on the DMR.					3 Per Month	Grab
Offensive Conditions	No effluent shall contain sludge solids, floating debris, visible oil, odor, plant or algal growth, color or visible turbidity.					3 Per Month	Visual Inspection
Temperature	See Special Condition 6.					3 Per Month	Grab
Bromine				0.05	0.10	**	***

* Effluent sampling for flow shall be continuous if hardware allows otherwise it shall be a single reading when monitoring each parameter. Flows shall be reported as a monthly average on the Discharge Monitoring Reports (DMR).

** Samples shall be taken three times a month as separate grab samples or one time a month as a composite sample.

*** Composite samples shall consist of at least 3 sample aliquots of approximately equal volume of at least 100 milliliters each, collected at periodic intervals within a 24-hour period. If the permittee elects to take and analyze grab samples, in lieu of a composite sample then: 1) if the discharge is expected to occur on only a single day, three grab samples may be taken within a single 24-hour period or, 2) if the discharge is expected to occur on more than one day three separate grab samples shall be taken over more than one day to represent the monthly discharge. The one composite sample or three grab samples shall be representative of the discharge over the calendar month. The analysis results of each composite and grab sample shall be reported on the Discharge Monitoring Reports. The monthly average shall be reported on the Discharge Monitoring Reports.

Discharge sampling and monitoring must be representative of the discharges from the facility considering factors such as frequency, duration and intensity of precipitation runoff and operational practices that affect discharge quality.

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Special Conditions

SPECIAL CONDITION 1. Permit Coverage: For the purpose of this permit, the covered discharges through the outfall(s) are limited to non-contact cooling water discharges, free from process and other wastewater discharges. Discharges that meet Special Condition 5 are also covered by the permit.

SPECIAL CONDITION 2. Sampling: Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 3. Discharge Monitoring Reports: The Permittee shall record monitoring results on discharge Monitoring Report (DMR) Forms using one such form for each outfall each month. If there is no discharge during a reporting period, a Discharge Monitoring Report shall be submitted stating that no discharge occurred during that particular month. The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information about the eDMR program, including registration, can be obtained on the IEPA website at <http://www.epa.state.il.us/water/edmr/index.html>. The completed DMR forms shall be submitted monthly to the IEPA no later than the 15th day of the following month, unless otherwise specified by the IEPA. Permittees not using eDMRs shall mail the DMRs with original signature to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 1021 North Grand Avenue East
 Post Office Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section, Mail Code #19

SPECIAL CONDITION 4. Transfer of Permits: This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.

SPECIAL CONDITION 5. The use of water treatment additives is authorized provided their use is in accordance with 1) the application documents received by the Agency on March 23, 2011 and 2) dosing rates are minimized while achieving desired effects. The products must be applied in strict accordance with the manufacturer's recommended application rates. The permittee must keep records of the amount (kg) of product added and an estimated dosage rate (mg/L) at the time of product application. Application of a product at concentrations exceeding the manufacturer's recommendations is not authorized. The permittee shall apply for modification of the NPDES permit for the use of water treatment additives and obtain authorization from the Agency prior to discharge of the additive.

SPECIAL CONDITION 6. Heated Effluents and Cooling Water Discharges: This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7° C (3° F).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.

C. discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).

D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 7. 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 this 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 8. Oil and Hazardous Substance Liability: Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under section 311 of the CWA.

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Special Conditions

SPECIAL CONDITION 9. Oil and Hazardous Substance Discharge Prohibition: This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill, and does not supersede any reporting requirements for spills or releases of hazardous substances or oil.

SPECIAL CONDITION 10. Bulk Storage and Hazardous Waste Containment Area: Provisions for handling storm water from bulk storage and hazardous waste containment areas.

- a. This permit does not authorize the discharge of storm water collected in containment areas at bulk storage and hazardous waste facilities where the storm water becomes contaminated by direct contact with a spill or release of stored materials into the containment area. Such storm water should be handled properly by on-site treatment or hauling off-site for treatment and disposal.
- b. Where a spill or release to a dry containment area occurs, the permittee shall institute procedures to clean up the spill in order to prevent contamination of any storm water, which subsequently collects in the containment area. Where these procedures are followed, collected storm water may be discharged; following visual inspection to assure that the storm water contains no unnatural turbidity, color, oil films, foams, settleable solids, or deposits.
- c. Storage piles of salt used for deicing or other commercial or industrial purposes must be enclosed or covered to prevent exposure to precipitation (except for exposure resulting from adding or removing materials from the pile). Piles of salt do not need to be enclosed or covered where storm water from the pile is not discharged to waters of the state or the discharges from the piles are authorized under another permit.