

NPDES Permit No. IL0063851
Notice No. SMT:22060701.SMT

Public Notice Beginning Date: **July 27, 2023**

Public Notice Ending Date: **August 28, 2023**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued PDES 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:

EWFM Commercial LLC
935 West Chestnut Street, Suite 600
Chicago, Illinois 60642

Name and Address of Facility:

River City Facilities
800 South Wells Street
Chicago, Illinois 60607
(Cook 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 Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in real estate management (SIC 6531). Wastewater is generated from using river water for condenser cooling and results in an average discharge of 1.3 MGD from outfall 001.

Application is made for the existing discharge which is located in Cook 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	South Branch Chicago River	41° 52' 52" North	87° 37' 47" West	Chicago Area Waterway System Aquatic Life Use A Water	D

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

The subject facility discharges to the South Branch Chicago River, waterbody segment IL_HC-01, at a point where 386 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The South Branch Chicago River is classified as a Chicago Area Water System Aquatic Life Use A Water for aquatic life use purposes and a Primary Contact Recreation water for recreational use purposes. The South Branch Chicago River is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*; however, it is given a "D" integrity rating. The South Branch Chicago River, Waterbody Segment IL_HC-01, is listed on the draft 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List as impaired as follow. This segment of the South Branch Chicago River is not subject to enhanced dissolved oxygen standards. This facility does not have a WLA as part of any completed or ongoing TMDL

Designated Uses

Fish Consumption
Indigenous Aquatic Life Use

Pollutants Causing Impairment

Mercury and Polychlorinated biphenyls (PCBs)
Dissolved Oxygen and Total Dissolved Solids.

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

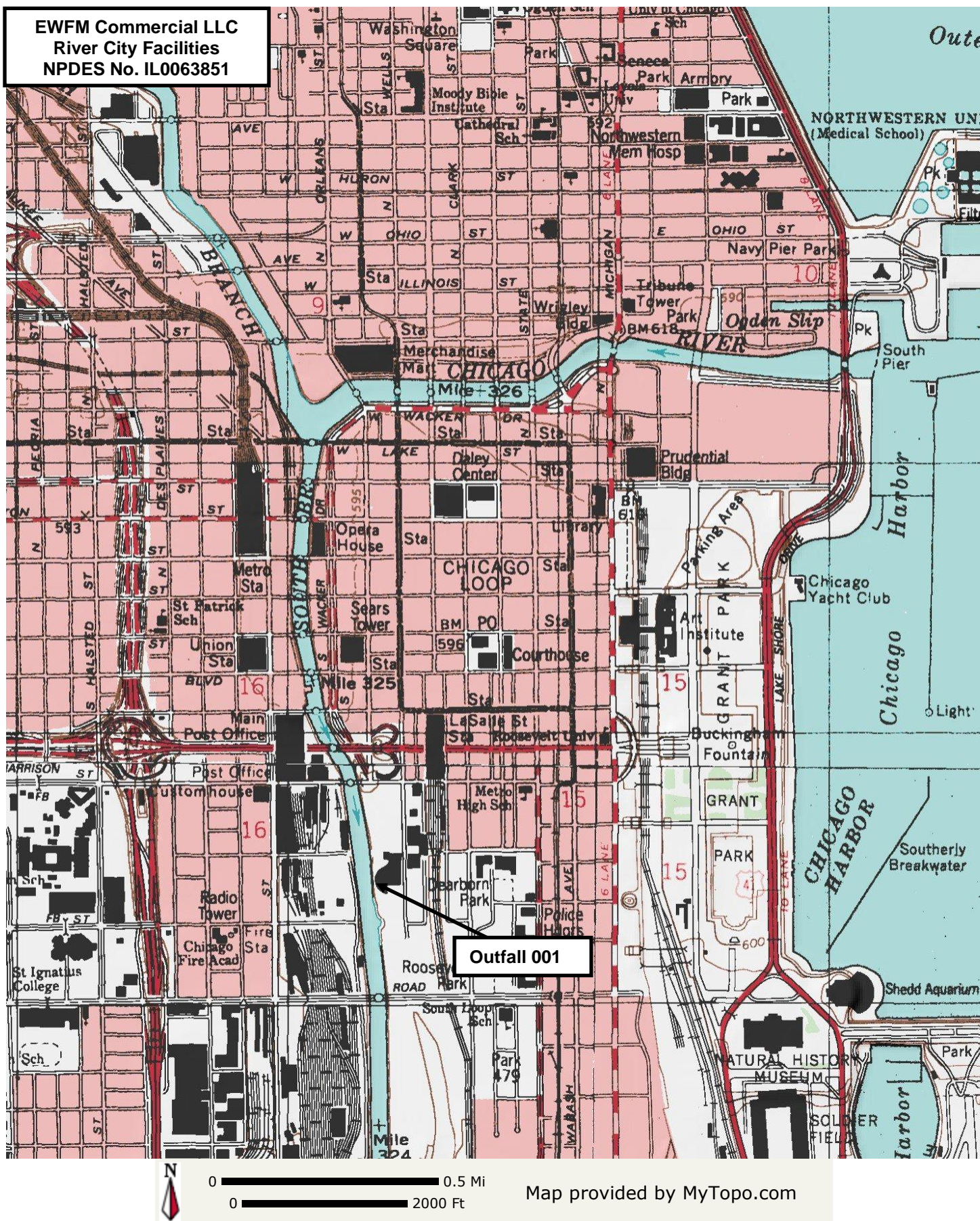
Outfall 001 Condenser Cooling Water (DAF = 1.3 MGD)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>			CONCENTRATION <u>LIMITS mg/L</u>		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow (MGD)						
Temperature						35 IAC 302.408 (c)-(g)

The following explain the conditions of the proposed permit:

The special conditions flow measurement and reporting, temperature, monitoring location, discharge monitoring report submission, water treatment additives, and the requirement of renewal applications.

As the values are below the threshold value of 2.0 million gallons per day described in submission of additional back-up documentation 40 CFR 122.21 (r) 2 – 8 is not required.



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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:

EWFM Commercial LLC
935 West Chestnut Street, Suite 600
Chicago, Illinois 60604

Facility Name and Address:

River City Facilities
800 South Wells Street
Chicago, Illinois 60607
(Cook County)

Discharge Number and Name:

001 Condenser Cooling Water

Receiving Waters:

Chicago 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.

Darin E. LeCrone, 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 001 Condenser Cooling Water (DAF = 1.3 MGD)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		CONCENTRATION <u>LIMITS mg/L</u>		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure or Calculated
Temperature	See Special Condition 2.				1/Month	Single Reading

Standard Conditions

SPECIAL CONDITION 1. Flow shall be measured or calculated in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the Discharge Monitoring Report. The monthly average shall consist of the summation of the daily flows divided by the number of days the facility discharged during that month.

SPECIAL CONDITION 2. The receiving waters are designated as Secondary Contact and Indigenous Aquatic Life Waters by Title 35 of Ill. Adm. Code, Chapter 1, Subtitle C, Section 302.408 (c) through (g) as amended. 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.

1. There shall be no abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
2. The normal daily and seasonal temperature fluctuations that existed before the addition of heat due to other than natural causes shall be maintained. The maximum temperature rise above natural temperatures shall not exceed 2.8° C (5° F).
3. Water temperature at representative locations in the main river shall not exceed the maximum limits in the applicable table below, 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 exceed the maximum limits in the applicable table that follows by more than 1.7° C (3.0° F)
4. Water temperature in the Chicago Area Waterway System Aquatic Life Use A waters listed in 35 Ill. Adm. Code 303.235 shall not exceed the limits in the following table in accordance with subsection (3):

Month	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Daily Maximum (°F)	60	60	60	90	90	90	90	90	90	90	90	60
Daily Maximum (°C)	16	16	16	32	32	32	32	32	32	32	32	16

SPECIAL CONDITION 3. 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 4. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 5. 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 6. In the event that the permittee shall require the use of water treatment additives, the permittee must request a modification to this permit in accordance with the Standard Conditions

SPECIAL CONDITION 7. To receive the renewal authorization to discharge under this permit, the applicant must complete and submit Application Forms 1, and 2C for all existing discharge, and a Form 2D for any new discharge. Pursuant to 40 CFR 122.21(c)(1), permittees

Standard Conditions

must submit a renewal application at least 180 days prior to expiration of the current permit.