

NPDES Permit No. IL0074101
Notice No. DEL:YA:24092401.docx

Public Notice Beginning Date: June 6, 2025

Public Notice Ending Date: July 6, 2025

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
2520 West Iles Avenue
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

City of Ottawa
301 West Madison Street
Ottawa, IL 61350

Name and Address of Facility:

Ottawa Main WTP
828 East Norris Drive
Ottawa, IL 61350
(LaSalle 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 Yousif Alkola at 217/558-8143.

The applicant is engaged in the production and distribution of potable water (SIC 4941). Wastewater is reverse osmosis reject water. Plant operation results in an average discharge of 0.27 MGD of reverse osmosis concentrate.

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

Outfall	Receiving Stream	Latitude	Longitude	Stream Classification	Integrity Rating
001	Fox River	41° 21' 13" North	88° 49' 42" West	General Use	C

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

The subject facility discharges to the Fox River at a point where 251 cfs of flow exists upstream of the outfall during critical 7Q IO low-flow conditions. The facility has a DAF of 0.27 MGD. The Fox River is classified as a General Use Water. The Fox 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 given an integrity rating of "C" in that document at this location. The Fox River, Waterbody Segment, IL_DT-0 I, is listed on the 2024 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for aesthetic quality use with potential causes given as algae and total phosphorus, impaired for aquatic life use with potential causes given as algae, alteration in stream-side or littoral vegetative covers, cause unknown, flow regime modification, sedimentation/siltation, and total suspended solids, impaired for fish consumption use with potential causes given as mercury and polychlorinated biphenyls, and impaired for primary contact use with a potential cause given as fecal coliform. This segment of the Fox River is not subject to enhanced dissolved oxygen standards.

The impaired designated uses and pollutants causing impairment are tabulated below:

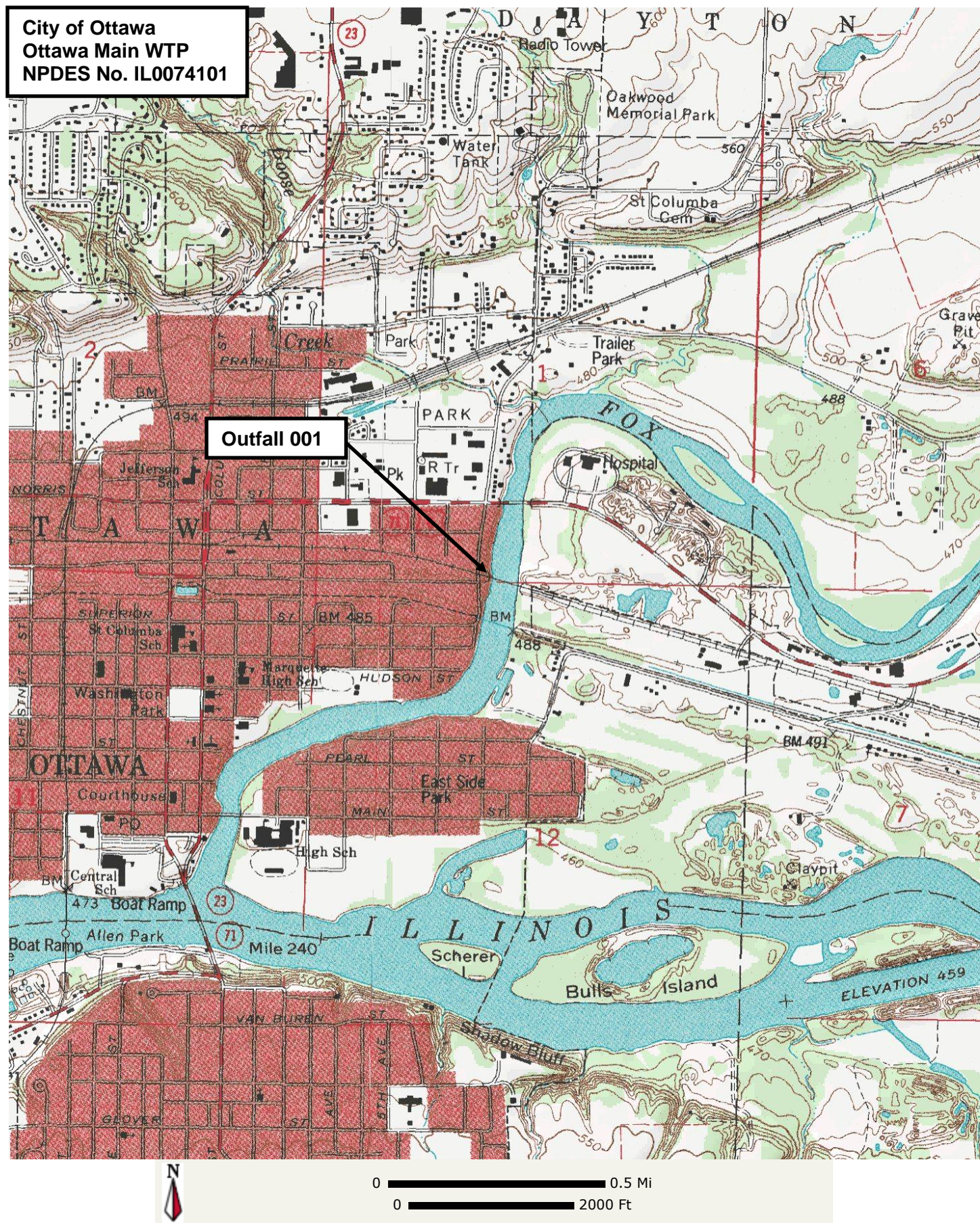
<u>Designated Uses</u>	<u>Pollutants Causing Impairment</u>
Fish Consumption	Polychlorinated biphenyls (PCB's)
Aesthetic Quality	Aquatic algae (non-pollutant) and phosphorus
Primary Contact	Fecal Coliform
Aquatic Life	Alteration in Stream-Side or Littoral Vegetative Covers (non-pollutant), Aquatic Algae (non-pollutant), Other Flow Regime Alterations (non-pollutant), pH, Sedimentation/Siltation, and Total Suspended Solids

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 001:						
Flow (MGD)						
pH				6.0 to 9.0 s.u.		35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Chlorides					500	35 IAC 302.208
Radium 226				Monitor Only		35 IAC 309.146
Radium 228				Monitor Only		35 IAC 309.146
Fluoride				Monitor Only		35 IAC 309.146

The following explain the conditions of the proposed permit:

The special conditions clarify flow, pH, monitoring location, discharge monitoring reports, re-opener and radium monitoring.



NPDES Permit No. IL0074101

Illinois Environmental Protection Agency

Division of Water Pollution Control

2520 West Iles Avenue

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:

Facility Name and Address:

City of Ottawa
301 West Madison Street
Ottawa, IL 61350

Ottawa Main WTP
828 East Norris Drive
Ottawa, IL 61350
(LaSalle County)

Discharge Number and Name:

Receiving Waters:

001 Reverse Osmosis Concentrate

Fox 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

1. 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		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	<u>DAF (DMF)</u>		<u>LIMITS mg/l</u>			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Outfall 001 – Reverse Osmosis Concentrate (Average Flow = 0.29 MGD)						
Flow (MGD)	See Special Condition 1.				1/Month	
pH	See Special Condition 2.				1/Month	Grab
Total Suspended Solids			15	30	1/Month	Grab
Chlorides				500	1/Month	Grab
Radium 226					2/Year	Grab
Radium 228					2/Year	Grab
Fluoride					2/Year	Grab

The results for radium monitoring shall be reported on the June and December DMR's.

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.0 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

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://epa.illinois.gov/topics/water-quality/surface-water/netdmr.html>.

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
2520 West Iles Avenue
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. 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.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2520 WEST ILES AVENUE, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JAMES JENNINGS, ACTING DIRECTOR