

\NPDES Permit No.IL0048518

Notice No. KKD:25100101

Public Notice Beginning Date: October 3, 2025

Public Notice Ending Date: November 2, 2025

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

PUBLIC NOTICE/FACT SHEET  
of  
Draft Modified NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA  
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 Aurora  
44 East Downer Place  
Aurora, Illinois 60507

Name and Address of Facility:

City of Aurora  
CSO's along the Fox River and Indian Creek  
Aurora, Illinois  
(Kane County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES Permit to discharge into the waters of the United States 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. All comments on the draft Permit and requests for hearing must be received by the IEPA by U.S. Mail, carrier mail or hand delivered by the Public Notice Ending Date. 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 numbers 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 indicates 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 Jamie Rabins at 217/782-0610.

The following water quality and effluent standards and limitations were applied to the discharge:

Title 35: Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board and the Clean Water Act were applied in determining the applicable standards, limitations and conditions contained in the draft Permit.

The applicant is engaged in treating combined stormwater and wastewater flows received during precipitation events for the City of Aurora. There is a wet weather treatment facility at OVF 027. This facility handles combined sewer overflows from three locations that would normally discharge to the river during overflow events. The three locations include OFV 002 ( E. Illinois Avenue), OVF 003A (Pierce Street), and OVF 022 (Superior). Flow from these three locations is provided with screening and grit removal prior to being pumped into a series of primary setting tanks with a total storage capacity of approximately 1.9 million gallons. If the storage capacity of these tanks is exceeded, primary effluent receives chlorination and dechlorination prior to discharge to the Fox River. If the primary tanks do not reach capacity during wet weather event, the stored volume is slowly pumped into the Fox Metro Water Reclamation District interceptor to receive full treatment at the wastewater treatment plant. This facility is maintained by Fox Metro Reclamation District by intergovernmental Agreement with the City of Aurora.

The length of the Permit is approximately 5 years.

The seven day once in ten year low flow (7Q10) of the Fox River is approximately 152 cfs and the 7Q10 of Indian Creek is 0 cfs.

The Permittee currently is participating in the Fox River Study Group (FRSG) to determine cost effective means to remove dissolved oxygen and offensive condition impairments in the Fox River to the extent feasible. Along with coordination with other watershed members of the FRSG, the Permittee shall participate in the FRSG for the completion of tasks set out in the 2015 Fox River Implementation Plan (either by the permittee or through the FRSG).

The facility is located in or near a potential Environmental Justice area pursuant to Illinois EPA's Environmental Justice Public Participation Policy. More information concerning Environmental Justice may be found at <https://www2.illinois.gov/epa/topics/environmental-justice/Pages/default.aspx> or by contacting Chris Pressnall, EJ Officer, at 217/524-1284.

The Agency will accept comments on the following modification:

1. City of Aurora has asked for the compliance date to remove the kayak launch near CSO 001 to be changed from December 31, 2025 to December 31, 2029 due to the launch being under an IDNR grant until the end of 2028.
2. The compliance date to begin construction on CSO Outfall 001 has been changed from December 31, 2028 to June 30, 2029 to separate the due dates for submitting plans and beginning construction since they were the same.

Application is made for the existing discharges which are located in Kane 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	Fox River	41° 44' 38" North	88° 19' 51" West	General Use	B
002	Fox River	41° 46' 14" North	88° 18' 26" West	General Use	B
A03	Fox River	41° 46' 00" North	88° 18' 29" West	General Use	B
004	Fox River	41° 44' 32" North	88° 19' 38" West	General Use	B
005	Fox River	41° 44' 53" North	88° 19' 38" West	General Use	B
008	Fox River	41° 45' 22" North	88° 19' 01" West	General Use	B
010	Fox River	41° 45' 47" North	88° 19' 32" West	General Use	B
015	Fox River	41° 45' 23" North	88° 19' 05" West	General Use	B
A16	Fox River	41° 45' 15" North	88° 19' 05" West	General Use	B
017	Fox River	41° 45' 27" North	88° 18' 58" West	General Use	B
018	Fox River	41° 45' 32" North	88° 18' 56" West	General Use	B
021	Fox River	41° 45' 38" North	88° 18' 50" West	General Use	B
022	Fox River	41° 46' 00" North	88° 18' 32" West	General Use	B
023	Fox River	41° 46' 14" North	88° 18' 38" West	General Use	B
025	Indian Creek	41° 46' 07" North	88° 16' 19" West	General Use	D
027	Fox River	41° 45' 55" North	88° 18' 30" West	General Use	B

This permit authorizes discharges from 16 CSOs in accordance with 35 Ill. Adm. Code 306.305 and PCB Order 85-224 dated June 21, 1990 into the Fox River and Indian Creek. 14 of the City's 16 CSOs have been fitted with a portable ISCO Area Velocity meter that measures flow depth at the CSO every five minutes. Volume is estimated using depth and duration of the overflow. Flow is also measured within CSO 027 (the CSO treatment facility). CSO 016 is the only CSO in the City without a flow meter, but it is actually a lift station with a wet well alarm.

CSO controls consist of primary settling and disinfection for flows tributary to Discharge Number 027.

The LTCP dated March 2010, revised April 25, 2011, approved July 31, 2014, updated December 24, 2020 and approved June 15, 2021 provides for the elimination or the capture for treatment of no less than 85% by volume of the combined sewage collected in the CSS during precipitation events on a system-wide annual average basis and thus is presumed to provide an adequate level of control to meet the water quality-based requirements of the CWA. The IEPA has determined that such presumption is reasonable in light of the data and analysis conducted in the characterization, monitoring, and modeling of the system. Part II.C.4.a of the CSO Control Policy (59 FR 18692) provides for a presumptive approach because data and modeling of wet weather events often do not give a clear picture of the level of CSO controls necessary to protect WQS. Additional construction activities and completion dates are included in Special Condition 6 of the permit. The construction projects include the separation of sewers, additional storage within the collection system, a new pump station and force main, CSO structure modifications, treatment, and green infrastructure. The LTCP construction projects planned to meet the presumptive approach will be completed by December 31, 2030.

To assist you further in identifying the location of the discharge(s) please see the attached map on page 4 of the public notice fact sheet..

The stream segment, waterbody segment DT-38, receiving the discharge from outfalls 001, 002, A03, 004, 005, 008, 010, 015, A16, 017, 018, 021, 022, 023 and 027 is listed on the 2018 Illinois Integrated Water Quality Report and Section 303(d) List as impaired aesthetic quality use with potential causes given as algae and total phosphorus; aquatic life use with potential causes given as algae, alteration in stream-side or littoral vegetative covers, flow regime modification, pH, total phosphorus and total suspended solids (TSS); fish consumption with potential causes given as mercury and polychlorinated biphenyls (PCBs); primary contact recreation with a potential cause given as fecal coliform. Public and food processing water supplies use is fully supported.

The stream segment, waterbody segment DTZK, receiving the discharge from outfalls 025 listed on the 2018 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for aquatic life use with potential causes given as chloride; primary contact recreation with a potential cause given as fecal coliform.

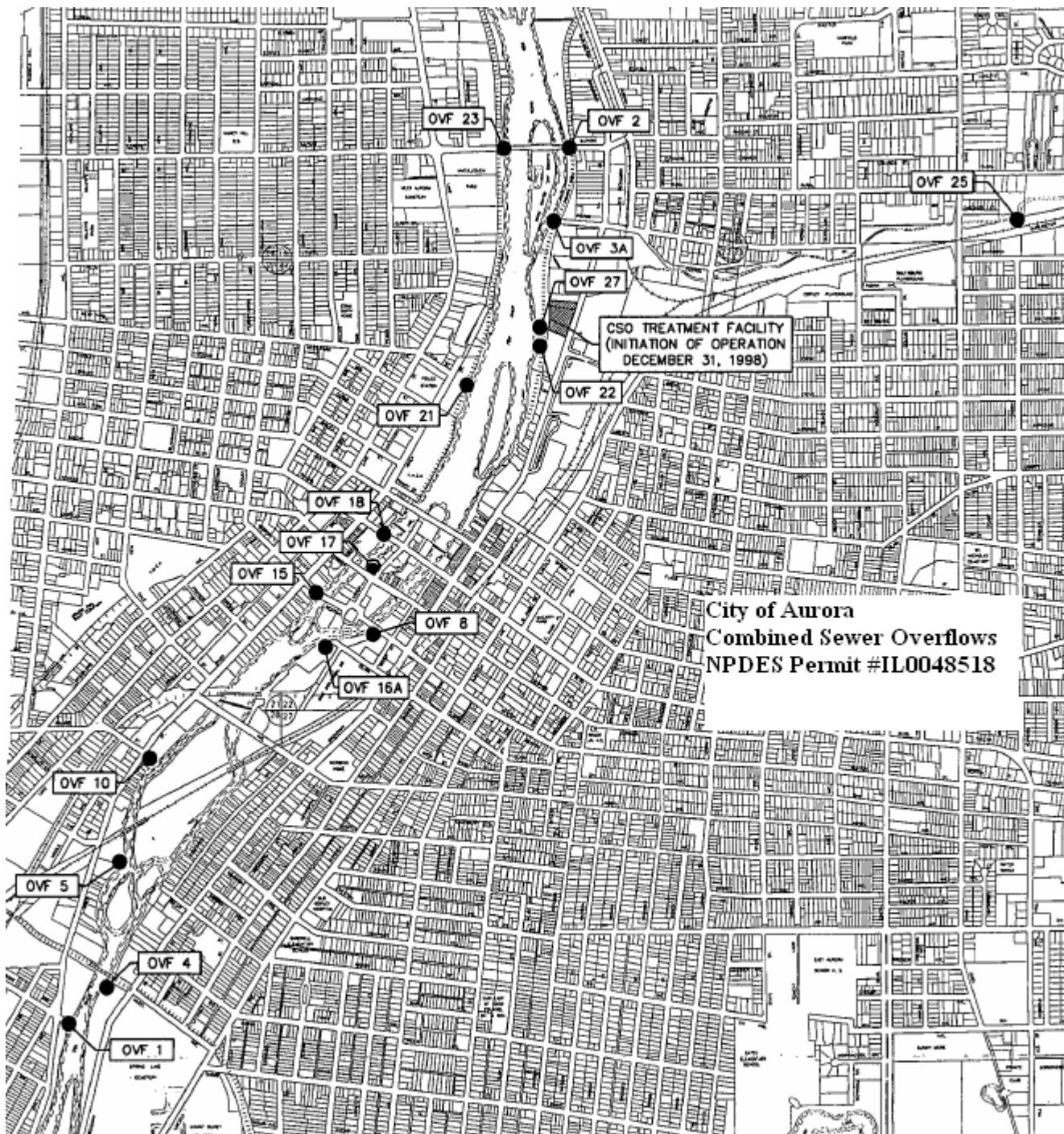
This Permit contains an authorization to treat and discharge combined sewage flow as follows:

Discharge Number(s) and Name(s): 027 Combined Sewage Outfall

Parameter	CONCENTRATION LIMITS mg/L	
	Monthly Average	Regulation
BOD <sub>5</sub>	Monitor Only	40 CFR 133.102
Suspended Solids	Monitor Only	40 CFR 133.102
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL	35 IAC 304.121
pH	Shall be in the range of 6 to 9 Standard Units	35 IAC 304.125
Chlorine Residual	0.75	35 IAC 302.208
Ammonia Nitrogen (as N)	Monitor Only	35 IAC 309.146
Total Phosphorus (as P)	Monitor Only	35 IAC 309.146

This draft Permit also contains the following requirements as special conditions:

1. Reopening of this Permit to include different final effluent limitations.
2. Operation of the treatment facility discharging through Discharge Number 027 by or under the supervision of a certified operator.
3. Submission of the operational data in a specified form and at a required frequency at any time during the effective term of this Permit.
4. Prohibition against causing or contributing to violations of water quality standards.
5. Submission of annual fiscal data.
6. An authorization of combined sewer untreated and treated CSO discharges.
7. Reopening of this Permit to include revised effluent limitations or other requirements based on a Total Maximum Daily Load (TMDL) or other water quality study.
8. Recording the monitoring results on Discharge Monitoring Report Forms using one such form for each outfall each month and submitting the forms to IEPA each month.
9. Capacity, Management, Operations and Maintenance (CMOM) requirements.
10. Controlling the sources of infiltration and inflow into the sewer system.
11. A requirement for participation in the Fox River Study Group.



**City of Aurora  
Combined Sewer Overflows  
NPDES Permit #IL0048518**

NPDES Permit No. IL0048518

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

Modified (NPDES) Permit

Expiration Date: July 31, 2026

Issue Date: July 28, 2021

Effective Date: August 1, 2021

Modification Date: December 17, 2021

Modification Date #2: January 7, 2025

Modification Date #3:

Name and Address of Permittee:

City of Aurora  
44 East Downer Place  
Aurora, Illinois 60507

Facility Name and Address:

City of Aurora  
CSO's along the Fox River and Indian Creek  
Aurora, Illinois  
(Kane County)

Receiving Waters: The Fox River and Indian Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of the Ill. Adm. Code, Subtitle C, Chapter I, 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 Effluent Limitations, Monitoring, and Reporting requirements; Special Conditions and Standard Conditions attached 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.

Brant D. Fleming, P.E.  
Manager, Municipal Unit, Permit Section  
Division of Water Pollution Control

BDF: KKD:25100101

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Effluent Limitations, Monitoring, and Reporting  
 FINAL

Discharge Number(s) and Name(s): 027 Combined Sewage Outfall

Discharges from this outfall are CSOs, subject to the requirements of Special Condition 6 of this Permit.

From the modification date of this Permit until the expiration date, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

Parameter		CONCENTRATION LIMITS mg/L		Sample Frequency	Sample Type
		Monthly Average			
Total Flow (MG)	See Below			Continuous When Discharging	
BOD <sub>5</sub>		Monitor Only		Daily When Discharging	Grab
Suspended Solids		Monitor Only		Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL			Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units			Daily When Discharging	Grab
Chlorine Residual		0.75		Daily When Discharging	Grab
Ammonia Nitrogen (as N)		Monitor Only		Daily When Discharging	Grab
Total Phosphorus (as P)		Monitor Only		Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

Fecal Coliform shall be reported on the DMR as daily maximum.

Chlorine Residual shall be reported on the DMR as a monthly average concentration.

pH shall be reported on the DMR as a minimum and a maximum.

BOD<sub>5</sub> and Suspended Solids shall be reported on the DMR as a monthly average concentration.

Ammonia Nitrogen shall be reported on the DMR as a daily maximum value.

Total Phosphorus shall be reported on the DMR as a daily maximum value.

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SPECIAL CONDITION 1. This Permit may be modified to include different final effluent limitations or requirements which are consistent with applicable laws and regulations. The IEPA will public notice the permit modification.

SPECIAL CONDITION 2. The use or operation of the treatment facilities discharging through outfall 027 shall be by or under the supervision of a Certified Class 3 operator.

SPECIAL CONDITION 3. The IEPA may request in writing submittal of operational information in a specified form and at a required frequency at any time during the effective period of this Permit.

SPECIAL CONDITION 4. 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 and 303.

SPECIAL CONDITION 5. During January of each year the Permittee shall submit annual fiscal data regarding sewerage system operations to the Illinois Environmental Protection Agency/Division of Water Pollution Control/Compliance Assurance Section. The Permittee may use any fiscal year period provided the period ends within twelve (12) months of the submission date.

Submission shall be on the form titled "Fiscal Report Form For NPDES Permittees" and submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 5" as the subject of the email. Forms are available on the following webpage: <https://www2.illinois.gov/epa/topics/forms/water-forms/Pages/wastewater-compliance.aspx>.

SPECIAL CONDITION 6.

AUTHORIZATION OF  
UNTREATED AND TREATED COMBINED SEWER DISCHARGES

The IEPA has determined that at least a portion of the collection system consists of combined sewers. References to the collection system and the sewer system refer only to those parts of the system which are owned and operated by the Permittee unless otherwise indicated. The Permittee is authorized to discharge from the overflow(s) listed below provided the diversion structure is located on a combined sewer and the following terms and conditions are met:

<u>Discharge Number</u>	<u>Location</u>	<u>Receiving Water</u>
001	Rathbone	Fox River
002	East Illinois	Fox River
A03	Pierce	Fox River
004	Hazel	Fox River
005	Third	Fox River
008	Benton	Fox River
010	First	Fox River
015	West Benton	Fox River
A16	Clark	Fox River
017	Stolp	Fox River
018	West Galena	Fox River
021	West Park (formerly Elm)	Fox River
022	Superior	Fox River
023	West Illinois	Fox River
025	Dearborn - Trask	Indian Creek
027	North Broadway	Fox River

A. CSO Monitoring, Reporting and Notification Requirements

- The Permittee shall monitor the frequency of discharge (number of discharges per month) and estimate the duration (in hours) of each discharge from each outfall listed in this Special Condition. Estimates of storm duration and total rainfall shall be provided for each storm event.

<u>Start Date</u>	<u>Rainfall Duration (hrs.)</u>	<u>Rainfall Amount (in.)</u>	<u>CSO Outfall #</u>	<u>Outfall Description</u>	<u>Estimated Duration of CSO Discharge (hrs.)</u>	<u>Estimated Volume of CSO Discharge (MG)</u>
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For frequency reporting, all discharges from the same storm, or occurring within 24 hours, shall be reported as one. The date that a discharge commences shall be recorded for each outfall. Results shall be reported on the "NPDES CSO Discharge Monitoring Report Form" and submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.A" as the subject of the email monthly covering the same reporting period as the DMRs. Forms are available on the following webpage: <https://www2.illinois.gov/epa/topics/forms/water-forms/Pages/wastewater-compliance.aspx>. Parameters (other than flow frequency and volume), if required in this Permit, shall be sampled and reported once per discharge for each outfall.

B. CSO Treatment Requirements

- All combined sewer overflows shall be given sufficient treatment to prevent pollution and the violation of applicable water quality

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Special Conditions

standards. Sufficient treatment consists of the following:

- a. All dry weather flows, and storm flows, to the extent feasible and consistent with implementation of the CSO Long-Term Control Plan dated March 2010, revised April 25, 2011, approved July 31, 2014, and updated December 24, 2020, shall be conveyed to the Fox Metro Water Reclamation District (FMWRD) Sewage Treatment Plant for treatment; and
  - b. Treatment necessary to comply with all applicable water quality based requirements of this permit including, but not limited to the requirement that discharges from CSOs not cause or contribute to violations of applicable water quality standards or cause use impairment in the receiving waters.
2. All CSO discharges authorized by this Permit shall be treated, in whole or in part, to the extent necessary to prevent accumulations of sludge deposits, floating debris and solids in accordance with 35 Ill. Adm. Code 302.203 and to prevent depression of oxygen levels below the applicable water quality standards.
  3. Overflows during dry weather are prohibited. Dry weather overflows shall be reported to the IEPA pursuant to Standard Condition 12(f) of this Permit (24 hour notice).
  4. The collection system shall be operated to optimize transport of wastewater flows and to minimize CSO discharges and the treatment system, if applicable, shall be operated to maximize treatment of wastewater flows.

C. CSO Nine Minimum Controls

7. The Permittee shall comply with the nine minimum controls contained in the National CSO Control Policy, Section 402(q)(1) of the Federal Clean Water Act. The nine minimum controls are:
  - a. Proper operation and maintenance programs for the sewer system and the CSOs;
  - b. Maximum use of the collection system for storage;
  - c. Review and modification of pretreatment requirements to assure CSO impacts are minimized;
  - d. Maximization of flow to the POTW for treatment;
  - e. Prohibition of CSOs during dry weather;
  - f. Control of solids and floatable materials in CSOs;
  - g. Pollution prevention programs which focus on source control activities;
  - h. Public notification to ensure that citizens receive adequate information regarding CSO occurrences and CSO impacts; and,
  - i. Monitoring to characterize impacts and efficiency of CSO controls.

Any previously-prepared CSO pollution prevention plan (PPP) for this collection system shall be reviewed, and revised if necessary, by the Permittee to address the items contained in Chapter 8 of the U.S. EPA guidance document, Combined Sewer Overflows, Guidance For Nine Minimum Controls, and any items contained in previously-sent review documents from the IEPA concerning the PPP. Combined Sewer Overflows, Guidance For Nine Minimum Controls is available on line at <http://www.epa.gov/npdes/pubs/owm0030.pdf>. The PPP (or revised PPP) shall be presented to the general public at a public information meeting conducted by the Permittee annually during the term of this Permit. The Permittee shall submit documentation that the pollution prevention plan complies with the requirements of this Permit and that the public information meeting was held. Such documentation shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.C" as the subject of the email and posted to the permittees website within twelve (12) months of the effective date of this Permit and shall include a summary of all significant issues raised by the public, the Permittee's response to each issue, and a completed "CSO Pollution Prevention Plan Certification". Forms are available on the following webpage: <https://www2.illinois.gov/epa/topics/forms/water-forms/Pages/wastewater-permits.aspx>. Following the public meeting, the Permittee shall implement the pollution prevention plan and shall maintain a current pollution prevention plan, updated to reflect system modifications, on file at the sewage treatment works or other acceptable location and made available to the public. The pollution prevention plan revisions shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.C" as the subject of the email and posted to the permittees website one (1) month from the revision date. The Permittee may coordinate the development/review of the PPP and the public meeting with the FMWRD. The most recent Pollution Prevention Plan was dated May 31, 2016.

D. Sensitive Area Considerations

1. Pursuant to Section II.C.3 of the federal CSO Control Policy of 1994, sensitive areas are any water likely to be impacted by a CSO discharge which include one or more of the following criteria: (1) designated as an Outstanding National Resource Water; (2) found to contain shellfish beds; (3) found to contain threatened or endangered aquatic species or their habitat; (4) used for primary contact recreation; (5) National Marine Sanctuaries; or, (6) within the protection area for a drinking water intake structure.

Within one (1) month of the effective date of this Permit, the Permittee shall submit electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.D" as the subject of the email and post to the permittees website documentation indicating which of the outfalls listed in this Special Condition either do, or do not discharge to sensitive areas. Such documentation shall include information regarding the use of the receiving water for primary contact

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activities (swimming, water skiing, jet skiing, etc.). If the Permittee believes that it is not possible for primary contact recreation to occur in the areas impacted or potentially impacted by the CSOs listed in this Special Condition, then justification as to why primary contact recreation is not possible shall be submitted. Adequate justification shall include, but is not limited to: (1) inadequate water depth; (2) presence of physical obstacles sufficient to prevent access to or for primary contact recreation; and, (3) uses of adjacent land sufficient to discourage primary contact activities. The IEPA will make a determination based on this documentation and other information available to the IEPA. Evidence of existing use of waterway for primary contact recreation activities will likely negate such potential "no-use" justifications.

Should the IEPA conclude that any of the CSOs listed in this Special Condition discharge to a sensitive area, the IEPA will notify the Permittee in writing. Upon the date of notification, or such other date contained in the notification letter, the Permittee shall revise the LTCP and schedule to either eliminate or relocate these outfalls. If elimination or relocation is not economically feasible or technically achievable, the Permittee shall revise the plan and schedule for treating the discharge. Such justification shall be in accordance with Section II.C.3 of the National CSO Control Policy.

E. CSO Operational and Maintenance Plans

1. The Permittee shall implement measures to reduce, to the greatest extent practicable, the total loading of pollutants and floatables entering the receiving stream to ensure that the Permittee ultimately achieves compliance with water quality standards. These measures shall include, but not be limited to developing and implementing a CSO O&M plan, tailored to the permittee's collection and waste treatment systems, which shall include mechanisms and specific procedures where applicable to ensure:
  - a. Collection system inspection on a scheduled basis;
  - b. Sewer, catch basin, and regulator cleaning and maintenance on a scheduled basis;
  - c. Inspections are made and preventive maintenance is performed on all pump/lift stations;
  - d. Collection system replacement, where necessary;
  - e. Detection and elimination of illegal connections;
  - f. Detection, prevention, and elimination of dry weather overflows;
  - g. The collection system is operated to maximize storage capacity and the combined sewer portions of the collection system are operated to delay storm entry into the system; and,
  - h. The treatment and collection systems are operated to maximize treatment.

The IEPA received a CSO operational and maintenance plan "CSO O&M plan" dated May 31, 2016 prepared for this sewerage system. The Permittee shall fully implement the plan and review and revise, if needed, the CSO O&M plan to reflect system changes.

The CSO O&M plan shall be presented to the general public at a public information meeting conducted by the Permittee within nine (9) months of the effective date of this Permit or within nine (9) months of the CSO system being modified. The Permittee shall submit documentation that the CSO O&M plan complies with the requirements of this Permit and that the public information meeting was held. Such documentation shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.E" as the subject of the email and posted to the permittees website within twelve (12) months of the effective date of this Permit or within three (3) months of the public meeting and shall include a summary of all significant issues raised by the public, the Permittee's response to each issue, and a completed "CSO Operational Plan Checklist and Certification". Forms are available on the following webpage: <https://www2.illinois.gov/epa/topics/forms/water-forms/Pages/wastewater-permits.aspx>. Following the public meeting, the Permittee shall maintain a current CSO O&M plan, updated to reflect system modifications, on file at the sewage treatment works or other acceptable location and made available to the public. The CSO O&M plan and all updates shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.E" as the subject of the email and posted to the permittees website one (1) month from the revision date. The Permittee may coordinate the review of the CSO O&M and the public meeting with the FMWRD.

F. Sewer Use Ordinances

1. The Permittee, within six (6) months of the effective date of this Permit, shall review and where necessary, modify its existing sewer use ordinance to ensure it contains provisions addressing the conditions below. If no ordinance exists, such ordinance shall be developed and implemented within six (6) months from the effective date of this Permit. Upon completion of the review of the sewer use ordinance(s), the Permittee shall submit a completed "Certification of Sewer Use Ordinance Review". Forms are available on the following webpage: <https://www2.illinois.gov/epa/topics/forms/water-forms/Pages/wastewater-permits.aspx>. The Permittee shall submit a hard copy of the sewer use ordinance(s) to the IEPA upon written request. Sewer use ordinances must contain specific provisions to:
  - a. prohibit introduction of new inflow sources to the sanitary sewer system;
  - b. require that new sanitary sewer construction tributary to the combined sewer system be designed to minimize and/or delay inflow contribution to the combined sewer system;

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- c. require that inflow sources on the combined sewer system be connected to a storm sewer, in accordance with any approved Long Term Control Plan;
- d. provide that any new building domestic sewage connection shall be distinct from the building inflow connection;
- e. assure that CSO impacts from industrial and/or commercial sources are minimized and control by determining which industrial and/or commercial discharges, are tributary to CSOs; and,
- f. assure that the owners of all publicly owned systems with sewers tributary to the Permittee's collection system have procedures in place adequate to ensure that the objectives, mechanisms, and specific procedures given in Paragraph 9 of this Special Condition are achieved.

The Permittee shall enforce the applicable sewer use ordinances.

G. CSO Long-Term Control Planning and Compliance with Water Quality Standards

1.

- a. Pursuant to Section 301 of the federal Clean Water Act, 33 U.S.C. § 1311 and 40 CFR § 122.4, discharges from the CSOs, including the outfalls listed in this special condition and any other outfall listed as a "Treated Combined Sewage Outfall", shall not cause or contribute to violations of applicable water quality standards or cause use impairment in the receiving waters. In addition, discharges from CSOs shall comply with all applicable parts of 35 Ill. Adm. Code 306.305(a), (b), (c), and (d).
- b. This is a Phase II Permit under USEPA's 1994 CSO Policy requiring implementation of the LTCP submitted by the permittee to IEPA March 29, 2010, revised April 25, 2011, approved July 31, 2014, updated December 24, 2020 and approved June 15, 2021. The implementation schedule can be found under the Additional Action Items and Required Reporting of this Special Condition 6.H.2. Consistent with the design conditions of the LTCP, the numeric water quality based effluent limitations for the CSOs in this permit are that no less than 85% by volume of the combined sewage collected in the combined sewer system during precipitation events on a system-wide annual average basis will be eliminated or captured. This limitation shall become effective on December 31, 2030. Calculations providing the percentage by volume of flows captured for treatment on an annual average basis shall be submitted annually once the LTCP is completed. Each renewal application for this facility must include a re-evaluation of the Permittee's financial capability to implement CSO controls. All provisions of this special condition shall stay in effect prior to and after completion of construction. Project reports shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.1.b" as the subject of the email and posted to the permittees website six (6) months from the effective date of this Permit and every six (6) months thereafter.
- c. A plan for monitoring water quality during construction was received as part of the LTCP. The results of the sampling shall be submitted electronically with the progress reports to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.1.c" as the subject of the email and posted to the permittees website. Upon completion of construction, post-construction monitoring shall be implemented for a twenty-four (24) month period. Within thirty (30) months of completion of construction, the results shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.1.c" as the subject of the email and posted to the permittees website along with recommendations and conclusions as to whether or not the discharges from any of the CSOs (treated or untreated) authorized by this Permit are causing or contributing to violations of applicable water quality standards or causing use impairment in the receiving water(s).
- d. Should the results of the post-construction water quality monitoring plan or if information becomes available that causes IEPA to conclude that the discharges from any of the CSOs (treated or untreated) authorized to discharge under this Permit are causing or contributing to violations of water quality standards or are causing use impairment in the receiving water(s), the IEPA will notify the Permittee in writing. Upon receiving such notification, the Permittee shall develop and implement a revised CSO Long-Term Control Plan (LTCP) for assuring that the discharges from the CSOs (treated or untreated) comply with the provisions of Special Condition 6.G.1.a above and a schedule for implementation of the measures. The revised LTCP shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.1.d" as the subject of the email and posted to the permittees website within twelve (12) months of receiving the IEPA written notice.

Following submittal of the revised LTCP, the Permittee shall respond to any initial IEPA review letter in writing within ninety (90) days of the date of such a review letter, and within thirty (30) days of any subsequent review letter(s), if any. Implementation of the revised LTCP shall be as indicated by IEPA in writing or other enforceable mechanism.

- 2. A public notification program in accordance with Section II.B.8 of the federal CSO Control Policy of 1994 shall be developed employing a process that actively informs the affected public. The program shall include at a minimum public notification of CSO occurrences and CSO impacts, with consideration given to including mass media and/or Internet notification. The Permittee shall post signs in waters likely to be impacted by CSO discharges at the point of discharge and at points where these waters are used for primary contact recreation. Signage's message should be visible from both shoreline and water vessel approach (if appropriate), respectively. Provisions shall be made to include modifications of the program when necessary and notification to any additional member of the affected public. The program shall be presented to the general public at a public information

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meeting conducted by the Permittee. The Permittee shall conduct the public information meeting providing a summary and status of the CSO control program annually during the term of this Permit. The Permittee shall submit documentation electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.2" as the subject of the email and post to the permittees website that the public information meeting was held, shall submit a summary of all significant issues raised by the public and the Permittee's response to each issue and shall identify any modifications to the program as a result of the public information meeting within 60 days of holding the public meeting. The Permittee shall submit electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.2" as the subject of the email of the public notification program within 30 days of development.

3. If any of the CSO discharge points listed in this Special Condition are eliminated, or if additional CSO discharge points, not listed in this Special Condition, are discovered, the Permittee shall submit notification electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 6.G.3" as the subject of the email within one (1) month of the respective outfall elimination or discovery. Such notification shall be in the form of a request for the appropriate modification of this NPDES Permit.

H. Summary of Compliance Dates in this CSO Special Condition

1. The following summarizes the dates that submittals contained in this Special Condition are due at the IEPA (unless otherwise indicated):

Submission of CSO Monitoring Data (Paragraph A.1)	25 <sup>th</sup> of every month
Submission of Revised CSO O&M Plan (Paragraph E.1)	1 month from revision date
Elimination of a CSO or Discovery of Additional CSO Locations (Paragraph G.3)	1 month from discovery or elimination
Control (or Justification for No Control) of CSOs to Sensitive Areas (Paragraph D.1)	Upon date contained in IEPA notification letter
Certification of Sewer Use Ordinance Review (Paragraph F.1)	6 months from the effective date of this Permit
Conduct Pollution Prevention, and PN Public Information Meeting (Paragraphs C.1 and G.2)	Annually
<b>No Submittal Due with this Milestone</b>	
Conduct OMP Public Information Meeting (Paragraph E.1)	9 months from the effective date of this Permit
<b>No Submittal Due with this Milestone</b>	
Submit Pollution Prevention Certification and OMP Certification (Paragraphs C.1 and E.1)	12 months from the effective date of this Permit
Submit PN Information Meeting Summary (Paragraph G.2)	60 days after the public meeting
CSO Long Term Control Plan (Paragraph G.1)	
Complete LTCP Construction to meet Presumptive Approach and Implement Full Operation	December 31, 2030

2. Additional Action Items and Required Reporting

Progress Reports	6 months from the effective date of this Permit and every six months thereafter
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**Early Action Projects:**

LTCP Funding Mechanism	June 28, 2011 Funding Mechanism Established
CSO 025 – G24 and G25	December 31, 2012 Construction Complete
CSO Diversion Structure Modifications	June 30, 2014 Construction Complete
Remote Metering and Telemetry	June 1, 2022 Installation Complete
Property Acquisition for CSO Storage/Treatment Facility	April 10, 2017 Property Acquired

**Sewer Separation Projects:**

Galena - Downer Sewer Separation	September 7, 2018 Construction Complete
Outfall 015 Sewer Separation Projects	July 2, 2019 Construction Complete
Outfall 003A Sewer Separation Projects	August 31, 2017 Construction Complete

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Outfall 001 Sewer Separation Projects	December 31, 2022 Construction Complete
Outfall 004 Sewer Separation Projects	December 31, 2021 Construction Complete
<b>Treatment and Storage Projects:</b>	
Install Cellular Telemetry at CSOs	December 31, 2025
Planning Document to Reconstruct CSO Outfall 001	December 31, 2026
Submit Plans and Specifications for CSO Outfall 001	December 31, 2028
Begin Construction on CSO Outfall 001	June 30, 2029
Remove Kayak Launch near CSO 001	December 31, 2029
Report on Progress on Reconstruction of CSO Outfall 001	December 31, 2029
Complete Construction	December 31, 2030
Submit Results of Post-Construction Monitoring Plan (Paragraph G.1)	30 months after completion of construction

I. Reopening and Modifying this Permit

1. The IEPA may initiate a modification for this Permit at any time to include requirements and compliance dates which have been submitted in writing by the Permittee and approved by the IEPA, or other requirements and dates which are necessary to carry out the provisions of the Illinois Environmental Protection Act, the Clean Water Act, or regulations promulgated under those Acts. Public Notice of such modifications and opportunity for public hearing shall be provided.

SPECIAL CONDITION 7. This Permit may be modified to include alternative or additional final effluent limitations pursuant to an approved Total Maximum Daily Load (TMDL) Study, an approved Implementation Plan, or an approved trading program.

SPECIAL CONDITION 8. The Permittee shall record monitoring results from Outfall 027 on Discharge Monitoring Report (DMR) electronic forms each month.

In the event that the 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 25<sup>th</sup> 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 9. The Permittee shall work towards the goals of achieving no discharges from sanitary sewer overflows or basement back-ups and ensuring that overflows or back-ups, when they do occur do not cause or contribute to violations of applicable standards or cause impairment in any adjacent receiving water. Overflows from sanitary sewers are expressly prohibited by this permit and by 35 Ill. Adm. Code 306.304. As part of the process to ultimately achieve compliance through the elimination of and mitigating the adverse impacts of any such overflows if they do occur, the Permittee shall (A) identify and report to IEPA all SSOs that do occur, and (B) update the existing Capacity, Management, Operations, and Maintenance (CMOM) plan at least annually and maintain it at the facility for review during Agency Field Operations Section inspections. The CMOM shall be submitted electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 9" as the subject of the email and posted to the permittees website by March 31 of each year. The Permittee shall modify the Plan to incorporate any comments that it receives from IEPA and shall implement the modified plan as soon as possible. The Permittee should work as appropriate, in consultation with affected authorities at the local, county, and/or state level to develop the plan components involving third party notification of overflow events. The Permittee may be required to construct additional sewage transport and/or treatment facilities in future permits or other enforceable documents should the implemented CMOM plan indicate that the Permittee's facilities are not capable of conveying and treating the flow for which they are designed. The CMOM plan shall include the following elements:

- a. Measures and Activities:

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1. A complete map and system inventory for the collection system owned and operated by the Permittee;
  2. Organizational structure; budgeting; training of personnel; legal authorities; schedules for maintenance, sewer system cleaning, and preventative rehabilitation; checklists, and mechanisms to ensure that preventative maintenance is performed on equipment owned and operated by the Permittee;
  3. Documentation of unplanned maintenance;
  4. An assessment of the capacity of the collection and treatment system owned and operated by the Permittee at critical junctions and immediately upstream of locations where overflows and back-ups occur or are likely to occur; use flow monitoring as necessary;
  5. Identification and prioritization of structural deficiencies in the system owned and operated by the Permittee;
  6. Operational control, including documented system control procedures, scheduled inspections and testing;
  7. The Permittee shall develop and implement an Asset Management strategy to ensure the long-term sustainability of the collection system. Asset management shall be used to assist the Permittee in making decisions on when it is most appropriate to repair, replace or rehabilitate particular assets and develop long-term funding strategies; and
  8. Asset management shall include but is not limited to the following elements:
    - a. Asset Inventory and State of the Asset;
    - b. Level of Service;
    - c. Critical Asset Identification;
    - d. Life Cycle Cost; and
    - e. Long-Term Funding Strategy.
- b. Design and Performance Provisions:
1. Monitor the effectiveness of CMOM;
  2. Upgrade the elements of the CMOM plan as necessary; and
  3. Maintain a summary of CMOM activities.
- c. Overflow Response Plan:
1. Know where overflows and back-ups within the facilities owned and operated by the Permittee occur;
  2. Respond to each overflow or back-up to determine additional actions such as clean up; and
  3. Locations where basement back-ups and/or sanitary sewer overflows occur shall be evaluated as soon as practicable for excessive inflow /infiltration, obstructions or other causes of overflows or back-ups as set forth in the System Evaluation Plan.
- d. System Evaluation Plan:
1. Summary of existing SSO and Excessive I/I areas in the system and sources of contribution;
  2. Evaluate plans to reduce I/I and eliminate SSOs;
  3. Special provisions for Pump Stations and force mains and other unique system components; and
  4. Construction plans and schedules for correction.
- e. Reporting and Monitoring Requirements:
1. Program for SSO detection and reporting; and
  2. Program for tracking and reporting basement back-ups, including general public complaints.
- f. Third Party Notice Plan:
1. Describes how, under various overflow scenarios, the public, as well as other entities, would be notified of overflows within the Permittee's system that may endanger public health, safety or welfare;
  2. Identifies overflows within the Permittee's system that would be reported, giving consideration to various types of events including events with potential widespread impacts;
  3. Identifies who shall receive the notification;
  4. Identifies the specific information that would be reported including actions that will be taken to respond to the overflow;
  5. Includes a description of the lines of communication; and
  6. Includes the identities and contact information of responsible POTW officials and local, county, and/or state level officials.

For additional information concerning USEPA CMOM guidance and Asset Management please refer to the following web site addresses: [http://www.epa.gov/npdes/pubs/cmom\\_guide\\_for\\_collection\\_systems.pdf](http://www.epa.gov/npdes/pubs/cmom_guide_for_collection_systems.pdf) and [http://water.epa.gov/type/watersheds/wastewater/upload/guide\\_smallsystems\\_assetmanagement\\_bestpractices.pdf](http://water.epa.gov/type/watersheds/wastewater/upload/guide_smallsystems_assetmanagement_bestpractices.pdf)

**SPECIAL CONDITION 10.** Consistent with permit modification procedures in 40 CFR 122.62 and 63, this Permit may be modified to include requirements for the Permittee on a continuing basis to evaluate and detail its efforts to effectively control sources of infiltration and inflow into the sewer system and to submit reports to the IEPA if necessary.

**SPECIAL CONDITION 11.** The Permittee shall participate in the Fox River Study Group (FRSG) throughout the duration of this permit cycle. The Permittee shall work with other watershed members of the FRSG to determine the most cost effective means to remove dissolved oxygen (DO) impairment and offensive condition impairments in the Fox River to the extent feasible. The Permittee shall participate in the FRSG for the completion of the following tasks set out in the 2015 Fox River Implementation Plan (either by the permittee or through the FRSG) by the schedule dates set forth below:

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- A. The Permittee shall implement the recommendations of the 2015 Fox River Implementation Plan that are applicable to said Permittee during the term of this Permit.
- B. The FRSG will conduct these activities during the term of the permit:
  - 1. Work with the Army Corps of Engineers and Illinois Department of Natural Resources to restart the Fox River Habitat & Connectivity Study.
  - 2. Collect continuous dissolved oxygen data and other water quality parameters at the Stratton Dam from April through September 2019, 2020, and 2021 to update the FRSG's water quality model.
  - 3. Analyze Fox River and Major Tributary Water Quality Data and Trends, for the period 1998-2016 by December 31, 2018.
  - 4. Update the Fox River DB database with newly collected data, by July 31, 2019.
  - 5. Amend the modelling and use the modified model to reevaluate water quality improvement scenarios, by August 31, 2019.
  - 6. Amend the Implementation Plan by December 31, 2022 based on the improved modelling and which will include proposed watershed improvement projects.
- C. The Permittee shall submit electronically to [EPA.PrmtSpecCondtns@illinois.gov](mailto:EPA.PrmtSpecCondtns@illinois.gov) with "IL0048518 Special Condition 11" as the subject of the email and posted to the permittees website an annual progress report on the activities identified in Item B above to the Agency by March 31 of each year. The Permittee may work cooperatively with the FRSG to prepare a single annual progress report that is common among FRSG permittees.
- D. In its application for renewal of this permit, the Permittee shall consider and incorporate recommended FRSG activities listed in the Implementation Plan that the Permittee will implement during the next permit term.

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Standard Conditions**Definitions**

**Act** means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

**Agency** means the Illinois Environmental Protection Agency.

**Board** means the Illinois Pollution Control Board.

**Clean Water Act** (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

**NPDES** (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

**USEPA** means the United States Environmental Protection Agency.

**Daily Discharge** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

**Maximum Daily Discharge Limitation** (daily maximum) means the highest allowable daily discharge.

**Average Monthly Discharge Limitation** (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

**Average Weekly Discharge Limitation** (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

**Best Management Practices** (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Aliquot** means a sample of specified volume used to make up a total composite sample.

**Grab Sample** means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

**24-Hour Composite Sample** means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

**8-Hour Composite Sample** means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

**Flow Proportional Composite Sample** means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.
- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:
  - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

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- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
- (c) Records of monitoring information shall include:
- (1) The date, exact place, and time of sampling or measurements;
  - (2) The individual(s) who performed the sampling or measurements;
  - (3) The date(s) analyses were performed;
  - (4) The individual(s) who performed the analyses;
  - (5) The analytical techniques or methods used; and
  - (6) The results of such analyses.
- (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
- (a) **Application.** All permit applications shall be signed as follows:
- (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
  - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
  - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
- (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
- (1) The authorization is made in writing by a person described in paragraph (a); and
  - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
- (3) The written authorization is submitted to the Agency.
- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (d) **Certification.** Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:
- I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.
- (12) **Reporting requirements.**
- (a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required when:
- (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29(b); or
  - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42(a)(1).
  - (3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.
- (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (e) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
  - (2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures

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approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

- (3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

- (f) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit.
- (2) Any upset which exceeds any effluent limitation in the permit.
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

- (g) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(f).

- (h) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass.**

- (a) Definitions.

- (1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
- (2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

- (b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

- (c) Notice.

- (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
- (2) Unanticipated bypass. The permittee shall submit

notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

- (d) Prohibition of bypass.

- (1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:

- (i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- (ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
- (iii) The permittee submitted notices as required under paragraph (13)(c).

- (2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset.**

- (a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

- (b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

- (c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
- (2) The permitted facility was at the time being properly operated; and
- (3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).
- (4) The permittee complied with any remedial measures required under paragraph (4).

- (d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:

- (a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other

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requirements as may be necessary under the Clean Water Act.

(b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:

- (1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
- (2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
- (3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:

(a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

- (1) One hundred micrograms per liter (100 ug/l);
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
- (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
- (4) The level established by the Agency in this permit.

(b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:

- (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
- (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:

- (a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
- (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
- (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.

Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41(a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

(Rev. 7-9-2010 bah)