



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2022 To March, 2023

Permit No. ILR40 0341

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: City of Geneva Mailing Address 1: 22 South First Street

Mailing Address 2: _____ County: Kane

City: Geneva State: IL Zip: 60134 Telephone: 630-232-7494

Contact Person: Bob Van Gyseghem Email Address: bvangyseghem@geneva.il.us
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

City of Geneva

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Bob Van Gyseghem
Owner Signature:

5/31/2023
Date:

Bob Van Gyseghem
Printed Name:

Water Division Superintendent
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORMWATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

CITY OF GENEVA, ILLINOIS

**2023 ANNUAL FACILITY INSPECTION REPORT
MARCH 2022 TO MARCH 2023 REPORTING PERIOD**

A. CHANGES TO BEST MANAGEMENT PRACTICES

There were no changes to Best Management Practice (BMP) commitments within the Notice of Intent (NOI) submitted by the City. A Stormwater Management Plan has been developed and is being implemented.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

Public Education and Outreach

BMP A.1 Distributed Paper Material

The City of Geneva distributes information to residents that outlines what is considered an illicit discharge and identifies practices and procedures they can use to eliminate these discharges into the City's storm sewer system. The City also distributes information on the County's Recycling and Household Hazardous Waste Programs (See Kane County's NOI, Control Measure I for more information on this literature.)

The City's MS4 program NOI, Stormwater Management Plan, and recent annual reports are posted on the City Public Works webpage.

Goal: Continue to produce and distribute education materials

Status: The City provides the following information to residents on its website:

- Trash and debris control program
- Recycling programs
- Household hazardous waste control program
- Volunteering opportunities for pond and drainage system debris removal, and storm drain stenciling

Kane County's website provides environmental quality and stormwater quality information for the residents of Geneva.

BMP A.4 Community Event

Goal: Participate in or provide information for community events.

Status: Materials were available for community events from the Kane County website. COVID-19 limited the number of events this period.

BMP A.6 Other Public Education

Goal: Educational Outreach - General Public

Status: The City's storm drain stenciling program has continued to educate people about dumping into City storm drains. New and repaired inlets are stamped with a no dumping message.

Public Participation / Involvement

BMP B.3 Stakeholder Meeting

The City will use the existing and proposed public involvement and participation programs that are being administered through the Kane County Department of Environmental Management. The City will also partner with other agencies and local groups to promote public participation in stormwater-related issues, encourage public participation on social media channels, and offer opportunities at public meetings for comments related to stormwater.

Goal: Meetings with Home Owner's Associations (HOAs) to discuss the importance of routine maintenance of ponds and storm sewers. Continue to offer HOA's assistance with the

stormwater related issues as necessary. Continue to hold bi-weekly City Council meetings open to the public.

Status: The City is utilizing the existing and proposed public involvement and participation programs that are being administered through the Kane County Department of Environmental Management. City Council meetings are held bi-monthly.

BMP B.7 Other Public Involvement:

Goal: Continue to hold bi-weekly City Council meetings open to the public

Status: Geneva holds bi-weekly public meetings whereby residents have the opportunity to discuss issues related to stormwater management and pollution prevention. These meetings take place with City Council members and are normally televised. The MS4 Program was presented at a City Council meeting on February 21, 2023.

Information from USEPA is being reviewed to determine if the City needs to make program modifications to address Environmental Justice Areas (EJA).

Illicit Discharge Detection and Elimination

BMP C.1 Storm Sewer Map Preparation

Goal: Maintain and update as necessary the computerized stormwater mapping system. This map includes all storm sewer mains and associated appurtenances within the City of Geneva.

Status: The City continues to update and improve upon existing stormwater mapping information within the city's GIS. The City is working to incorporate stormwater outfalls into the City's GIS by obtaining GPS locations of each site in the field.

BMP C.10 Other Illicit Discharge Controls

Legal Authority and Enforcement Procedures - the City of Geneva Municipal Code, Chapter 25 Division 3 Section 25-65(d) states: "It shall be unlawful to discharge without NPDES permit to any natural outlet within the City of Geneva". When an illicit discharge is detected, the Geneva Fire Department is notified. They have jurisdiction to enforce "spiller pays" provisions that require the discharger to pay for all costs associated with cleanup activities. The Public Works Department works cooperatively with the Fire Department to assist with those cleanup activities.

Goal: When notified of an illicit discharge, the Geneva Fire Department will respond for enforcement activities and the Public Works Department will assist with cleanup activities.

Status: The City inspected its retention and detention area for evidence of illicit discharges and water quality issues. The City continued illicit discharge enforcement and cleanup activities on an as needed basis.

Construction Site Runoff Control:

BMP D.1 Regulatory Control Program

The City has adopted ordinance 2001-73, an ordinance amending appendix E "Stormwater Management regulations" of the Geneva Municipal Code. This ordinance incorporates by reference all of the provisions of the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001 and is enforced within the municipal limits by the City of Geneva. In addition, the City of Geneva Ordinance 2001-73 addresses the control of construction wastes as defined in Control Measure IV.

Goal: Continue to administer current ordinances related to new construction site runoff control.

Status: The City's Engineering Division and Building Department staff performed required inspections of construction site runoff control. On a few sites, it was recommended to make improvements the slit fence surrounding the property.

Post-Construction Runoff Control

BMP E.7 Other Post Construction Runoff Controls

The City has adopted ordinance 2001-73, an ordinance amending appendix E "Stormwater Management regulations" of the Geneva Municipal Code. This ordinance incorporates by reference all of the provisions of the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001 and is enforced within the municipal limits by the City of Geneva. It is the City's understanding that the implementation of this ordinance will satisfy the provisions of this section of our Notice of Intent (NOI).

Goal: Continue to administer current ordinances related to new post-construction site runoff control.

Status: The City's Engineering Division performed required inspections of post-construction site runoff control. Retention and detention basins were evaluated for maintenance needs and performance.

Pollution Prevention / Good Housekeeping:

BMP F.1 Employee Training Program

Employee Pollution Prevention Reference Manual & Employee Training Program - The City will provide its employees with an Employee Pollution Prevention Reference Manual which outlines practices and procedures they should undertake during the workday to prevent the release of pollutants into the City's storm sewer system. The City will also conduct or participate in an annual pollution prevention seminar for the City's Public Works Department to give them formal instruction on the proper handling and disposal of wastes to prevent them from entering the storm sewer system.

Goal: Distribute employee pollution prevention reference manual to all Public Works employees. Conduct a short training session for Public Works employees.

Status: Instructor-led stormwater pollution prevention training occurred on March 23, 2023. 36 staff members attended from several Public Works divisions.

BMP F.2 Inspection and Maintenance Program

Goal: The City will regularly conduct sweeping of streets and parking lot, cleaning at least 100 catch basins in high traffic areas and on arterial snow routes.

Status: Regular sweeping of streets and public parking lots was performed within the City. 250 miles of streets were swept 8 times during the year. Approximately 2,000 miles were swept.

BMP F.6 Other Municipal Operations Controls

Goal: Whenever necessary, public vehicles will be washed in a facility that collects the runoff and discharges it into a triple basin system then to the sanitary sewer system.

Status: Continued cleaning of public vehicles at facilities that collect runoff for discharge through a triple basin collector to sanitary sewer.

All City vehicles and equipment are inspected once every month or every 3,000 miles for preventative maintenance. Cleaning of public vehicles is performed at a facility that collect

runoff for discharge through a triple basin collector tributary to a sanitary sewer. All used motor oils, fluids, batteries, tires, etc. are recycled through approved recycling programs. The City's underground waste oil tank is inspected regularly as required by the State Fire Marshall.

Road salt is stored in a permanent, covered structure. BMPs for deicing material storage and handling are performed.

C. RESULTS OF INFORMATION COLLECTED AND ANALYZED

The City participates within the Fox River Study Group which implements a regional water quality monitoring and assessment program. The data collected by the Study Group is available for public review and MS4 program implementation.

D. SUMMARY OF ACTIVITIES PLANNED DURING NEXT REPORTING CYCLE

Public Education and Outreach

BMP A.1 Distributed Paper Material

The City distributes an informational flyer to the residents which outlines what is considered an illicit discharge and identifies practices and procedures they can use to eliminate these discharges into the City's storm sewer system. The City of Geneva also distributes literature on the County's Recycling and Household Hazardous Waste Programs (See Kane County's NOI, Control Measure I for more information on this literature).

Goal: Continue to produce and distribute education materials.

BMP A.6 Other Public Education

Goal: Educational Outreach - General Public

Public Participation / Involvement

BMP B.1 Public Panel

The City of Geneva holds a bi-weekly meeting of the City Council which is open to the public. Residents can attend this meeting and have the opportunity to address the Council on issues relating to stormwater management.

Goal: Provide an agenda item for the MS4 program each year at a public meeting for resident comments.

BMP B.3 Stakeholder Meeting

The City will use the existing and proposed public involvement and participation programs that are being administered through the Kane County Department of Environmental Management. The City will also partner with other agencies and local groups to promote public participation in stormwater-related issues, encourage public participation on social media channels, and offer opportunities at public meetings for comments related to stormwater.

Goal: Meetings with Home Owner's Associations (HOAs) to discuss the importance of routine maintenance of ponds and storm sewers. Continue to offer HOA's assistance with the stormwater related issues as necessary. Continue to hold bi-weekly City Council meetings open to the public.

BMP B.7 Other Public Involvement:

Goal: Continue to hold bi-weekly City Council meetings open to the public.

Illicit Discharge Detection and Elimination

BMP C.1 Storm Sewer Map Preparation

Goal: The City will continue to maintain and update as necessary our computerized stormwater mapping system. This map includes all storm sewer mains and associated appurtenances within the City of Geneva.

BMP C.2 Regulatory Control Program

Goal: Implement the Municipal Code, Chapter 25 Division 3 Section 25-65 (d) that prohibits illicit discharges.

BMP C.5/C.10 Illicit Source Removal Procedures/Other Illicit Discharge Controls

When an illicit discharge is detected, the Geneva Fire Department is notified. They have jurisdiction to enforce "spiller pays" provisions that require the discharger to pay for all costs

associated with cleanup activities. The Public Works Department works cooperatively with the Fire Department to assist with those cleanup activities.

Goal: Implement Illicit Source Removal Procedures.

BMP C.7 Visual Dry Weather Screening

Goal: Continue to conduct dry weather screening of outfalls to receiving streams as a part of storm sewer structure cleaning and maintenance and to identify illicit discharges.

Construction Site Runoff Control:

BMP D.1/D.2/D.3/D.4/D.6 Construction Site Runoff Control

The City has adopted ordinance 2001-73, an ordinance amending appendix E "Stormwater Management regulations" of the Geneva Municipal Code. This ordinance incorporates by reference all of the provisions of the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001 and is enforced within the municipal limits by the City of Geneva. In addition, the City of Geneva Ordinance 2001-73 addresses the control of construction wastes as defined in Control Measure IV.

Goal: The City will continue to administer current ordinances related to new construction site runoff control, enforce the erosion and sediment control ordinance, review site plans when submitted, and preform construction site inspections as needed.

Post-Construction Runoff Control

BMP E.2/E.3/E.4/E.5/E.6 Post-Construction Runoff Control

The City has adopted ordinance 2001-73, an ordinance amending appendix E "Stormwater Management regulations" of the Geneva Municipal Code. This ordinance incorporates by reference all of the provisions of the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001 and is enforced within the municipal limits by the City of Geneva.

Goal: The City will continue to administer current ordinances related to new post-construction site runoff control, review site plans when submitted, preform site inspections during construction, and preform a final inspection of new development when required.

Pollution Prevention / Good Housekeeping:

BMP F.1 Employee Training Program

Employee Pollution Prevention - The City will provide its employees with information that outlines practices and procedures they should undertake during the workday to prevent the release of pollutants into the City's storm sewer system. The City will also conduct or participate in an annual pollution prevention seminar for the City's Public Works Department to give them formal instruction on the proper handling and disposal of wastes to prevent them from entering the storm sewer system.

Goal: Distribute employee pollution prevention information to all Public Works employees. Conduct a short training session for all Public Works employees.

BMP F.2 Inspection and Maintenance Program

The City of Geneva continues to operate a storm water runoff program that includes a monthly inspection of storm water detention/retention facilities, box culverts and bridges to identify and remove debris that can lead to storm sewer blockages and water quality problems downstream.

Goal: The City will clean catch basins in high traffic areas and on arterial snow routes.

BMP F.3 Municipal Operations Storm Water Control

In order to minimize the pollutant runoff from City owned parking lots and public streets, the City will continue its sweeping operations within the entire City limits (~200 curb miles) once per month between April 1 and November 30 of each year.

Goal: The City will regularly conduct sweeping of streets and parking lots, and maintenance of catch basins in high traffic areas and on arterial snow routes.

BMP F.4 Municipal Operations Waste Disposal

Goal: All City of Geneva vehicles and equipment are inspected once every month or every 3,000 miles for preventative maintenance. All used motor oils, fluids, batteries, tires, etc. are recycled through approved recycling programs.

BMP F.6 Other Municipal Operations Controls.

Goal: Whenever necessary, public vehicles will be washed in a facility that collects the runoff and discharges it into a triple basin system then to the sanitary sewer system.

E. NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY

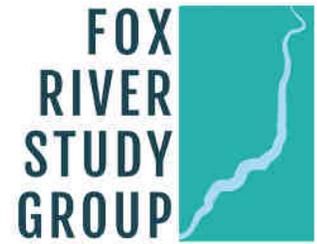
The City relies on the Fox River Study Group for water quality monitoring. All other minimum control measure commitments are implemented by the City, with Kane County providing additional public education and information for Geneva residents.

F. ACTIVE CONSTRUCTION SITES

The following construction projects which have a disturbed area greater than one (1) acre were active during the reporting period.

- Emma's Landing - Geneva, IL ILR10ZANQ
- Duke Geneva Spec ILR10ZBFA

2022 IEPA Annual Report



Background

For two decades now, a diverse coalition of stakeholders (see Directors sidebar and Supporters list) has been leading a watershed-wide effort to understand and improve the water quality of the Fox River and its tributaries for the Fox River Study Group (FRSG). This undertaking has received wide-spread financial and in-kind support from watershed communities, water reclamation districts, environmental organizations and foundations. Our efforts have been backed by the USEPA, IEPA, Chicago Metropolitan Agency for Planning and engaged the scientific expertise of the Illinois State Water Survey (ISWS), United States Geological Survey (USGS) and private consultants. The Fox River Study Group has been implementing its Fox River Implementation Plan (2015 FRIP) for the past seven years. A FRIP update (2022 FRIP), due to the IEPA at the end of 2022, was completed this year and a final draft was emailed to IEPA on December 30, 2022. Throughout 2022, the FRSG continued to meet on a monthly basis and the group's activities were supplemented by committee actions. All board meetings and an annual meeting were conducted virtually in 2022.

Modeling

To make informed decisions about how best to maintain and improve the quality of the Fox River in our urbanizing watershed, the FRSG has developed two computer models of the Fox River watershed – an HSPF model and a QUAL2K model. Updates of these models were completed by Geosyntec Consultants with the HSPF model update completed in 2018 and a QUAL2kw update, a dynamic version of QUAL2k, completed in 2019. The models were used to assess management scenarios to address the low dissolved oxygen and nuisance algae problems in the Fox River.

- Initial results ([presentation slide deck](#)) were presented at the January 28, 2021 FRSG board meeting.
- Combined actions reducing phosphorus inputs to the river along with the removal of dams from the Fox River mainstem were presented by Geosyntec's Rishab Mahajan at a [public webinar](#) on August 5, 2021.
- Mr. Mahajan again presented the results of the completed modeling of various management scenarios at the [FRSG's virtual annual meeting](#) on November 2, 2021.
- The FRSG and Geosyntec also met virtually with Illinois EPA staff on November 30, 2021 to go over the modeling results and to discuss the FRSG's plans for updating the results into the next FRIP.
- The results showed a reduction of phosphorus concentrations by major wastewater facilities in the study area beyond the 0.5 mg/L annual average geometric mean would not substantially improve water quality. (Per current NPDES permits, Fox River major wastewater facilities, those treating one million gallons per day or more, are required to meet this requirement by the year 2030.) However, this planned action combined with the removal of dams from the Fox River mainstem reduces algae levels and oxygen levels improve.

Board of Directors:

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VACANT, City of Elgin

- Mr. Mahajan presented an overview of the 2022 FRIP at the [FRSG's virtual annual meeting](#) on November 2, 2022.

Monitoring

2022 was the 20th anniversary of all-volunteer water quality monitoring efforts of the FRSG. This data collection includes monthly monitoring of 7 mainstem locations and 7 tributary locations along an 80-mile stretch of the Fox River from McHenry to Yorkville. Laboratory analysis and data management are donated as in-kind services by the City of Elgin, the Fox River Water Reclamation District, and the Fox Metro Water Reclamation District. These data have been utilized to support the ongoing modeling efforts.

The Illinois State Water Survey (ISWS) updates the FoxDB for the FRSG, which is the publicly available, online water quality monitoring database. In 2022, the ISWS continued its work to update the FoxDB and complete a new water quality trends analysis. The project is due to be completed in November 2023. Work completed in 2022 under this contract included updating the FoxDB with newly collected data and submitting the data to the Illinois Environmental Protection Agency. The water quality trends analysis that is underway includes the analysis of trends in chloride, conductivity, turbidity, water temperature, pH, and chlorophyll levels in the watershed.

Additional monitoring is conducted in support of the modeling efforts. The FRSG currently has a three-year contract through September 30, 2024 with the USGS to collect more real-time data at the Stratton Dam. A new water quality monitoring station was installed by USGS in August 2018 at the Stratton Dam ([USGS Station #05549500](#)). During the growing season, continuous measurements of temperature, pH, conductivity, dissolved oxygen, chlorophyll a, blue-green algae and turbidity are collected at this station. The USGS is also collecting in-situ measurements at the Stratton Dam to characterize the upstream boundary condition. The discrete samples are collected on a monthly basis during station equipment calibration and are analyzed for chlorophyll a, Nitrogen-Ammonia, Nitrogen Nitrate + Nitrite, Total Nitrogen (includes filtered organics), Phosphate-Orthophosphate, and Total Phosphorus. In August 2019, the FRSG asked the USGS to begin utilizing the blue green algae sensing capabilities of the chlorophyll sensor and to report the data at the station's website.

Reports

2022 FRIP The FRSG was involved with three reports during 2022. First, the modeling work conducted by Geosyntec was used to update the Fox River Implementation Plan (2015 FRIP) to the Fox River Implementation Plan, Final Draft December 2022 (2022 FRIP). The FRSG worked with Geosyntec staff throughout 2022 to update the FRIP. The FRSG submitted the final draft 2022 FRIP to the IEPA on December 30, 2022.

- The Executive Summary of the 2022 FRIP can be found at tinyurl.com/FRIP2022ExSum.
- The full plan and its appendices are located at tinyurl.com/2z9ksn63.

The plan's major findings for the Fox River Study Group and our watershed partners are—

- Major wastewater treatment plants should proceed with capital improvements to achieve a 0.5 mg/L annual geometric mean total phosphorus limit by 2030;
- FRSG should focus on collaborating with partners to support removal of dams along the mainstem river and monitor the resulting water quality impacts when the U.S. Army Corps of Engineers completes the Fox River Connectivity & Habitat Study in 2024;
- FRSG should encourage state-of-the-art watershed management practices that can mitigate the impact of projected population growth in the FRIP study area;
- FRSG should leverage statewide work on evaluation of streambank erosion and quantify its impact on phosphorus loads in the watershed;

- FRSG should partner with efforts to reduce nutrients entering the FRIP study area from Illinois and Wisconsin and should also partner with agricultural entities;
- FRSG should continue to engage, collaborate, and partner with other agencies and organizations, including those in Wisconsin, to progress towards the goal of eliminating the impairments in the river due to other pollutants besides nutrients and therefore removing the river from the Illinois EPA list of impaired waters.

Geosyntec's Rishab Mahajan presented an overview of the 2022 FRIP at the FRSG's virtual annual meeting on November 2, 2022. A final draft of the 2022 FRIP was emailed to IEPA on December 30, 2022 along with a draft Executive Summary and appendices. The final draft 2022 FRIP was also sent to NPDES permit holders with the Fox River Study Group requirement in their permits.

Fox River Connectivity & Habitat Study Second, the FRSG continued to work in 2022 with the U.S. Army Corps of Engineers (Corps) to resume the Fox River Connectivity & Habitat Study (Study) that was placed on hold in August 2015 due to the lack of a State of Illinois budget. The FRSG and many of its member organizations reached out over the last three years to the leadership at the Corps and to members of Congress from the Fox River Valley to advocate for the restart of the Study. Since November 2021, the FRSG has had a Joint Funding Agreement with the IDNR to cover the local cost share needed to complete the study

As of March 11, 2022 Illinois Senators Durbin and Duckworth report that \$250,000 in funding for completion of the Study has been included in the Corps' 2022 budget. A project restart kickoff meeting was held by the Corps on June 9, with the Corps hosting roughly monthly meetings with their IDNR and FRSG partners since then. The FRSG made one local cost-share payment of \$70,000 to IDNR in 2022. The Corps plans to have the study completed by mid-2024, with plans for the draft report to be out for public review by the fall of 2023.

Indian Creek Watershed Based Plan Last, the FRSG continues to collaborate with the Chicago Metropolitan Agency for Planning and other watershed stakeholders on the development for a watershed-based plan for the Indian Creek watershed in Kane and DuPage counties. The HSPF model for the Indian Creek watershed is being updated as part of this effort, with funding provided by the FRSG.

Public Outreach

The FRSG, Geosyntec and the Army Corps of Engineers continued public outreach as work has been completed to update the Fox River Implementation Plan (FRIP) and on the Fox River Connectivity and Habitat Study. 2022 outreach efforts included:

Presentations- Fox River Summit March 17

- Brief Fox River Study Group Update- Cindy Skrukrud, FRSG Chair
- US Army Corps of Engineers Ecosystem Restoration Programs & Partnership Opportunities- Frank Veraldi, Restoration Ecologist, US Army Corps of Engineers, Chicago District [video](#)

Presentation- Nutrient Loss Reduction Strategy Workshop November 1 [slides](#)

The FRSG was one of 5 case studies in a presentation Perspectives on Nutrient Assessment Reduction Plans- Karoline Qasem and Rishab Mahajan, Geosyntec

Two Presentations - Fox River Study Group Annual Meeting, November 2

- FRIP 2022 Overview-Findings and Next Steps- Rishab Mahajan, Geosyntec
- Status Update on the Fox River Connectivity and Habitat Study- Bridget Bentley, Army Corps of Engineers
- [Meeting recording available online.](#)

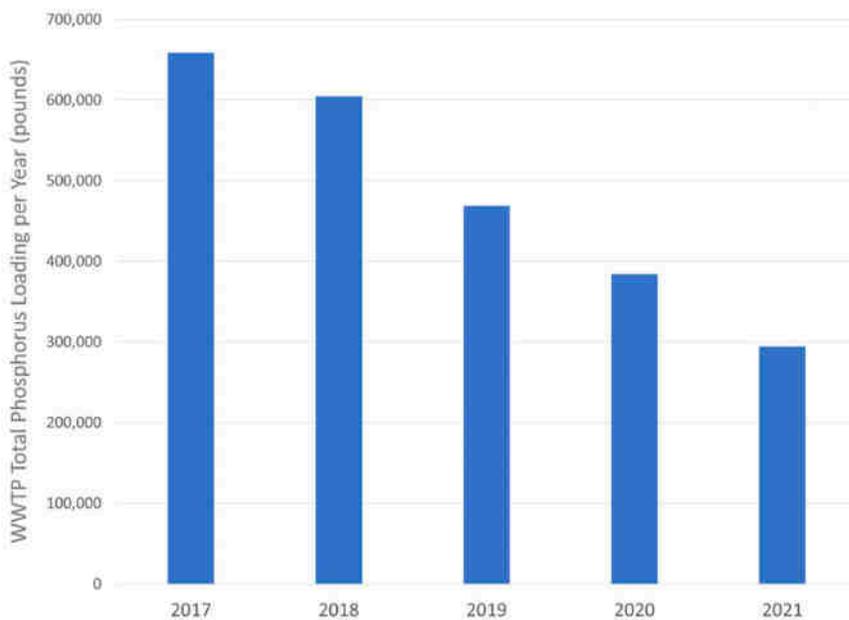
The draft 2022 FRIP was made available to watershed stakeholders for their input on November 10, 2022 through December 1, 2022, and final edits were made to the draft plan based on the input received. The FRSG board and membership has continued to work with entities throughout the Fox River watershed to build community support and to find the resources needed to implement the identified projects.

Point Source Nutrient Reductions

The major (discharge > 1 mgd) wastewater treatment facilities were issued permits with phosphorus reduction requirements during the previous permit cycle. In late 2018 and extending into 2019, the Fox River permits were issued with updated phosphorus compliance schedules. Most wastewater treatment facilities are on schedule to meet their phosphorus limit of 1.0 mg/l annual average by various dates through 2023.

Phosphorus discharge optimization plan (PDOP) requirements were added to most major permits during this permit cycle, requiring a comprehensive study of potential phosphorus input reductions and operational improvements at the wastewater treatment plants. These PDOPs are mostly complete for major permittees watershed-wide.

Trevor Sample of IEPA provided the FRSG with data for Fox River watershed dischargers from the dataset that he now compiles on annually for the Illinois Nutrient Loss Reduction Strategy. These data show the progress being made in the Fox watershed in reducing phosphorus inputs by the wastewater sector.



Financial Solvency

The FRSG is a 501c3 not for profit organization. Independent audits are performed annually to ensure proper financial management and a copy of the most recent audit is available upon request. FRSG continues to be funded by member agencies in the watershed at the rate of 25¢ per capita. At the beginning of each year, a contribution request is sent to communities. FRSG maintains a sufficient balance to fund activities and these funds are allocated to completing the action items described above: modeling, monitoring, public outreach, and the U.S. Army Corps of Engineers Fox River Habitat & Connectivity Study. In 2021, the group also updated our budget and long-term financial plan.

Financial and In-Kind Supporters

The Fox River Study Group greatly appreciates the continued support from:

Financial Support

Village of Algonquin
City of Aurora
Village of Barrington
City of Batavia
Village of Cary
Village of East Dundee
Village of Elburn
City of Elgin
Fox River Water Reclamation District
City of Geneva
Village of Gilberts
Kane County
Lake in the Hills Sanitary District
City of Plano
Village of Sandwich
City of St. Charles
Yorkville-Bristol Sanitary District
Village of Wauconda
City of Yorkville

In-Kind Support

Village of Algonquin
City of Crystal Lake
City of Elgin
Environmental Defenders of McHenry County
Fox Metro Water Reclamation District
Fox River Water Reclamation District
Friends of the Fox River
Northern Moraine Water Reclamation District
Illinois EPA
Illinois Department of Natural Resources
Illinois State Water Survey
City of St. Charles
Sierra Club
Yorkville-Bristol Sanitary District