



**AGENDA**  
**Public Works & Utilities Committee**  
**Regular Meeting**  
**Village Hall**  
**1900 Hassell Road, Hoffman Estates, IL 60169**

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**August 19, 2024**

**Council Chambers**

**Immediately following Finance  
Committee**

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1. **CALL TO ORDER/ROLL CALL**
2. **APPROVAL OF MINUTES**
  - A. Public Works & Utilities Committee 07-15-2024
3. **PUBLIC COMMENT**
4. **NEW BUSINESS**
  - A. Discussion of National Pollutant Discharge Elimination System (NPDES) General Permit ILR40 for Discharge from Small Municipal Separate Sewer Systems (MS4)
  - B. Authorization to award contract to Core and Main LP, Aurora, IL for Mueller fire hydrant purchase in an amount not to exceed \$95,270.
  - C. Approval of Professional Services Agreement with ME Simpson Co., Valparaiso, IN for a Village-wide water distribution system leak survey for a three-year term in an amount not to exceed \$67,000 year one, \$71,000 year two and \$75,000 year three.
5. **REPORTS**
  - A. Department of Public Works Monthly Report
  - B. Engineering Division Monthly Report
6. **PRESIDENT'S REPORT**
7. **ITEMS IN REVIEW**
8. **OTHER**
9. **ADJOURNMENT**

*Further details and information can be found in the agenda packet attached hereto and incorporated herein and can also be viewed online at [www.hoffmanestates.org](http://www.hoffmanestates.org) and/or in person in the Village Clerk's office. The Village of Hoffman Estates complies with the Americans with Disabilities Act (ADA). For accessibility assistance, call the ADA Coordinator at 847/882-9100.*

**PUBLIC WORKS & UTILITIES COMMITTEE  
MEETING MINUTES**

**July 15, 2024**

**I. Roll call**

**Members in Attendance:**

**Anna Newell, Chairperson  
Karen Mills, Vice Chairman  
Gary Pilafas, Trustee  
Gary Stanton, Trustee  
Karen Arnet, Trustee  
Pat Kinnane, Trustee  
William McLeod, Mayor**

**Management Team Members  
in Attendance:**

**Eric Palm, Village Manager  
Dan O'Malley, Deputy Village Manager  
Art Janura, Corp. Counsel  
Jon Pape, Assistant Village Manager  
Jana Dickson, Asst. Corporation Counsel  
Rachel Musiala, Finance Director  
Jacob Cuthbert, Civil Engineer II  
Peter Gugliotta, Director of Dev. Services  
Jennifer Horn, Dir. Planning and Trans.  
Monica Saavedra, Director of HHS  
Darek Raszka, Director of IS  
Joe Nebel, Director of Public Works  
Patty Richter, Village Clerk  
Missy Brito, Communications Director  
Alan Wenderski, Dir. Of Engineering  
Ric Signorella, Multimedia Production Mgr.**

The Public Works and Utilities meeting was called to order at 7:05 p.m.

**II. Approval of Minutes – June 17, 2024**

Motion by Trustee Stanton, seconded by Trustee Arnet, to approve the Public Works & Utilities Committee meeting minutes of June 17, 2024. Voice vote taken. All ayes. (Abstain: Mills). Motion carried.

**III. Public Comment**

**NEW BUSINESS**

1. **Request authorization to:**
  - a. **Participate in the Northwest Municipal Conference Suburban Purchasing Cooperative for a one-year period with Al Warren Fuel Company, Hammond, IN, for joint purchase of diesel and unleaded fuel; and**
  - b. **Authorization to participate annually for three additional one-year periods under the same terms and conditions.**

An item summary sheet from Joe Nebel and Joe Capiga was presented to Committee.

Motion by Trustee Pilafas, seconded by Mayor McLeod, to a.) Participate in the Northwest Municipal Conference Suburban Purchasing Cooperative for a one-year period with Al Warren Fuel Company, Hammond, IN, for joint purchase of diesel and unleaded fuel; and b.) to participate annually for three additional one-year periods under the same terms and conditions. Voice vote taken. All ayes. Motion carried.

2. **Request authorization to award construction contract to Martam Construction Inc. of Elgin, IL (low bid) for Pfizer Lift Station Improvements in an amount not to exceed \$2,861,000.**

An item summary sheet from Joe Nebel and Ryan Christiansen was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Arnet, to award construction contract to Martam Construction Inc. of Elgin, IL (low bid) for Pfizer Lift Station Improvements in an amount not to exceed \$2,861,000. Voice vote taken. All ayes. Motion carried.

3. **Request authorization to award contract for the 2024 Preventative Maintenance Project to Patriot Pavement Maintenance of Wheeling, IL (low bid) in an amount not to exceed \$201,251.**

An item summary sheet from Joe Nebel and Alan Wenderski was presented to Committee.

Mr. Jacob Cuthbert provided background on the request.

Motion by Trustee Pilafas, seconded by Trustee Stanton, to award contract for the 2024 Preventative Maintenance Project to Patriot Pavement Maintenance of Wheeling, IL (low bid) in an amount not to exceed \$201,251. Voice vote taken. All ayes. Motion carried.

**REPORTS (INFORMATION ONLY)**

**1. Department of Public Works Monthly Report**

The Department of Public Works Monthly Report was received and filed.

Trustee Newell complimented Public Works for a letter received from a resident regarding the great job Public Works employees did in trimming her parkway tree.

**2. Engineering Division Monthly Report**

The Engineering Division Monthly Report was received and filed.

**IV. President’s Report**

**V. Other**

**VI. Items in Review**

**VII. Adjournment**

Motion by Trustee Stanton, seconded by Trustee Kinnane, to adjourn the meeting at 7:13 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

\_\_\_\_\_  
Jennifer Djordjevic, Director of Operations  
& Outreach, Office of the Mayor & Board

\_\_\_\_\_  
Date





**AGENDA ITEM REPORT**  
Public Works & Utilities Committee  
August 19, 2024  
ITEM 4A

**REQUEST:** Discussion of National Pollutant Discharge Elimination System (NPDES) General Permit ILR40 for Discharge from Small Municipal Separate Sewer Systems (MS4)

**FROM:** Oscar Gomez, Civil Engineer II  
Alan Wenderski, Director of Engineering

**ITEM TYPE:** Discussion - Committee

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**REQUEST SUMMARY**

In compliance with the provisions of the Illinois Environmental Protection Act (IEPA), the Illinois Pollution Control Board Rules and Regulations and the Federal Clean Water Act, the Village has obtained a permit from the IEPA which authorizes certain discharges to the Village's storm sewer system. The permit is renewable each year and generally is revised on a 5-year schedule. The permit requires the Village to develop, implement, and enforce a stormwater management program designed to protect water quality and prevent and reduce pollution from the storm sewer system to the maximum extent practicable.

The Village's Stormwater Management Plan, along with the Notice of Intent (NOI) and Annual Facilities Inspection Reports are designed to provide the IEPA and the residents of Hoffman Estates with an understanding of the measures the Village employs to ensure public health and safety by reducing pollution into receiving waters. This is achieved through the implementation of six minimum control measures and related best management practices (BMPs) for each.

One such BMP is holding a public meeting to review the Plan and allowing public comment and input to the Plan for possible future revisions/improvements in the control measures used by the Village.

The permit outlines six general control measures for the Village to implement through various BMPs.

The six control measures are listed below:

- Public Education and Outreach
- Public Involvement/Participation
- Illicit Discharge Detection and Elimination
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management in New Development and Redevelopment

- Pollution Prevention/Good Housekeeping for Municipal Operations.

Attached to this memorandum to enhance discussion on this topic is the Village's Annual Facilities Inspection Report for 2023 and the Village's Stormwater Management Plan. A brief summary of the Village's accomplishments follows:

- Published various newsletter articles throughout the year providing information on pollution prevention, yard waste pickup, and recycling opportunities;
- Conducted community events such as Public Works Open House;
- Checked for illicit discharges through outfall inspections;
- Public Works stormwater creek and drainage system maintenance activities;
- Continued street sweeping program.

The Village's Stormwater Management Plan, NOI, and Annual Facility Inspection Reports are always available for public review and comment on the Village website: <https://www.hoffmanestates.org/government/development-services/stormwater-floodplain-management>

### **Revised Permit Pending from IEPA**

The Illinois NPDES permit is routinely revised every five years. Revisions usually include more comprehensive and restrictive BMPs for permittees to follow in order to raise the bar on preventing and reducing pollution in stormwater discharges. In late 2021, the IEPA released a revised draft IL40 Permit to solicit comments from current permittees and the public. The revised permit contains additional BMPs under the same six control measures listed above with an emphasis on more quantitative data collection and analysis.

The revised permit, if adopted by IEPA, will require permittees to make additional efforts to meet the new BMPs standards which may require additional costs to be incurred by the Village. Staff will incorporate any resource needs to fulfill new permit requirements in the annual budget as appropriate.

To date, the proposed 2021 revisions have not been implemented and staff is not aware of the IEPA's proposed timeline.

### **FINANCIAL IMPACT**

None.

### **RECOMMENDATION**

For discussion purposes. Public comment welcome.

### **ATTACHMENTS**

1. Hoffman Estates 2024 MS4 Annual Report
2. Hoffman Estates Stormwater Management Plan 2016



# 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, 2023 To March, 2024

Permit No. ILR40 0210

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

Name: Village of Hoffman Estates Mailing Address 1: 1900 Hassell Road

Mailing Address 2: \_\_\_\_\_ County: \_\_\_\_\_

City: Hoffman Estates State: IL Zip: 60169 Telephone: (847) 252-5802

Contact Person: Alan Wenderski Email Address: alan.wenderski@vohe.org  
(Person responsible for Annual Report)

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

Village of Hoffman Estates Cook County

#### 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))**

  
\_\_\_\_\_  
Owner Signature:

Alan Wenderski

Printed Name:

5/30/24  
\_\_\_\_\_  
Date:

Director of Engineering

Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto: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



## VILLAGE OF HOFFMAN ESTATES, ILLINOIS 2024 IEPA ANNUAL FACILITY INSPECTION REPORT

*NPDES PERMIT FOR STORMWATER DISCHARGES  
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)  
MARCH 2023 – MARCH 2024 REPORTING PERIOD*

### A. CHANGES TO BEST MANAGEMENT PRACTICES (BMPs)

There have been no changes to the BMPs in the Village’s Notice of Intent (NOI) for the reporting period.

### B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The Village of Hoffman Estates is committed to the implementation of BMPs to meet the requirements of the NPDES Phase II Stormwater Program. At this time, most of the measurable goals have been met or exceeded. In particular, these goals are noted for all site development construction projects.

The Village has implemented numerous BMPs in compliance with the goals outlined in the Village’s 2021 NOI. The following is a status report on each of the BMPs and the activities that were taken during the March 2023 through March 2024 reporting period. The status or progress summary for each of the six minimum control measures in the MS4 Permit are provided below.

#### ***BMP A1: Distributed Paper Material***

Measurable Goal(s): Publish one stormwater pollution prevention related article annually in the Village-wide newsletter.

Milestones: Publish one stormwater pollution prevention related article annually.

Status: The Village publishes a newsletter that is mailed directly to residents and businesses in the Village. The Village continued publishing stormwater quality articles within the newsletter during the reporting period.

In the May 2023 edition of the resident newsletter, two articles were published related to stormwater education and management: “Storm vs. Sanitary Sewer: Where Does the Water Go?” and “Drainage Advice from the Engineering Division”. Another article, “Ten facts about storm water, was published in July 2023 and detailed stormwater collection and contamination prevention.

The Village also maintains electronic copies of its stormwater quality articles online for residents to view at any time.

***BMP A3: Public Service Announcement***

Measurable Goals: Twice per year, announce residential and commercial waste and recycling management opportunities through the Village website and newsletter.

Milestones: Twice per year, announce residential and commercial waste and recycling management opportunities online and through the newsletter.

BMP Status: The Village publishes a newsletter that is mailed directly to residents and businesses. The Village published notices of recycling and waste management opportunities throughout the reporting period. This includes information about the brush pick-up program published in March, May, and September; the brush drop-off program published in May, July, and September; the large recycling event to collect electronics, documents for shredding, drugs/sharps, light bulbs, batteries, and other items; and the holiday light recycling program. These articles, and others, remind readers of the proper disposal or recycling options that are available.

In 2023, due to the Village-wide notices about recycling opportunities, electronics were collected throughout the reporting period, and the single-day recycling event held in August each year. Additionally, documents were collected for shredding.

The Village utilizes the services of the Solid Waste Agency of Northern Cook County (SWANCC) to accept household hazardous materials from residents and businesses. Various events occur throughout the year to provide drop-off locations or information about permanent SWANCC facilities that provide appropriate disposal sites for these materials.

The Village regularly updates its website by posting copies of the latest resident newsletters, as well as an archive of older editions. Information within the newsletter includes content provided by the Sustainability Commission, Public Works Department, Engineering, and Code Enforcement. Upcoming recycling events are also announced on the Village’s homepage.

***BMP A4: Community Events***

Measurable Goals: The Village improvement day will be held annually to help decrease environmental and stormwater pollution.

Milestones: Continue to host an annual Improvement Day event.

**BMP Status:** The Village’s Public Works Department conducts weekly right-of-way checks along major roadways in an effort to minimize illegal dumping and ensure materials are disposed of correctly. This weekly effort is conducted by department staff , removing debris from the Village Hall and Police Department and Golf Road, Higgins Road, Roselle Road, Algonquin Road, and Huntington Boulevard ROWs. The Forestry division also collects refuse at mowing sites and debris that has gathered in areas snow-fenced by the Village. Public Works also holds an annual ROW clean-up effort, assigning staff to specific locations to address targeted areas.

Stormwater and stream maintenance information brochures are distributed during the Public Works Open House, held annually in November.

***BMP B1: Public Panel***

**Measurable Goals:** Hold one meeting every 18 months to discuss the NOI, MS4 inspection report, the Village’s Stormwater Management Plan, and the stormwater-related activities and projects the Village has recently completed.

**Milestones:** The Stormwater Management Committee will meet, at minimum, once every 18 months.

**BMP Status:** During the February 2023 meeting of the Public Works and Utilities Commission, a discussion was held on NPDES general permit ILR40 for discharge from small municipal MS4s. The meeting included an opportunity for public comment.

***BMP B7: Other Public Involvement***

**Measurable Goals:** The Village will inform residents and businesses twice per year of the contact number to report stormwater related issues.

**Milestones:** Inform residents and businesses of the existing contact number.

**BMP Status:** The Village publishes a newsletter that is mailed directly to residents and businesses bi-monthly. The newsletter includes the contact number to report illegal dumping and spills within the stormwater quality articles published during the reporting period.

Two articles were published during this reporting period that requested residents and businesses help in keeping stormwater pollution at a minimum and how to report issues or concerns. One such article, published May 2023, is titled “Storm vs. sanitary sewer: where does the water go?”. The second, “Ten facts about stormwater”, was published in July 2023. These articles discuss water conservation tips and the efforts that the Village makes to

keep debris and chemicals out of the stormwater system, with help from residents and businesses.

The Village also maintains electronic copies of its stormwater quality articles online for residents to view at any time. The Public Works Department also has a webpage outlining its storm sewer maintenance responsibilities where readers are encouraged to use the contact number to report any violations or contaminants.

***BMP C1: Storm Sewer Atlas***

Measurable Goals: Annually review the storm sewer map with respect to Village projects and new developments that have occurred and update, as needed.

Milestones: Review the storm sewer map and update, as needed.

BMP Status: The Village has an existing storm sewer map that is updated routinely in a GIS system. Both Public Works and GIS employees monitor, maintain, and verify the accuracy of the storm sewer system map, which allows detailed information to be incorporated during site development and other Village projects.

***BMP C2: Regulatory Control Program***

Measurable Goals: Enforce the Village Code to regulate discharges into the storm sewer system.

Milestones: Continue to enforce the Village Code for illicit discharges.

BMP Status: The Village continues to enforce its Code, prohibiting non-stormwater discharges into the storm sewer system.

***BMP C3/C7: Detection/Elimination Prioritization Plan***

Measurable Goals: Continually inspect and monitor outfalls and discharges for the detection and elimination of illicit discharges.

Milestone: Continue to inspect and monitor for illicit discharges.

BMP Status: The Village's Public Works Department performs monthly inspections of outfalls and creeks to monitor for illicit discharge. Inspection results are recorded and maintained for historical reference.

***BMP C9: Public Notification***

Measurable Goals: The Village will inform residents and businesses annually of the contact number to report illegal dumping or illicit discharges.



Milestone: Inform residents and businesses of the contact number.

BMP Status: The public is encouraged to report any deficiencies, blockages, or illicit discharges through the Village-wide newsletter, social media channels, and the Village website. Homeowners are encouraged to report any possible code violation and/or contamination that may have occurred.

***BMP C10: Other Illicit Discharge Controls***

Measurable Goals: Annually review the streets considered for reconstruction and indicate on the construction plans which inlet structures are to receive stencils (or equivalent) messages.

Milestone: Continue the program to stencil inlets during road reconstruction.

BMP Status: The Village’s road reconstruction program requires that all new storm drain grates shall be Neenah R-3278-A with barred style curb box, or approved equivalent. with the message “DUMP NO WASTE, DRAINS TO WATERWAY” displayed. For the 2023/24 road reconstruction program, 21 new B6 frame and grates and 22 new M3-12 frame and grates, a total of 43 grates, were installed at various street locations.

***BMP D1/D2/D4/D6: Regulatory Control Program, Erosion and Sediment Control BMPs, Site Plan Review Procedures, and Site Inspection/Enforcement Procedures***

Measurable Goals: Continually enforce the Village Code and the Engineering Development Standards Manual by requiring erosion and sediment control BMPs and inspecting construction sites.

Milestone: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of BMPs, and respond to complaints accordingly.

BMP Status: The Village requires erosion and sediment control BMPs for all projects. The Village reviews site plans and inspects construction sites to ensure conformance with Village Ordinance 10-3-13: the Village requires erosion and sediment control BMP designs prior to construction. The Village reviews plans for approval.

***BMP E2/E3/E4/E5/E6: Regulatory Control Program, Long-term Operation and Maintenance Procedures, Pre-construction Review of BMP Designs, Site Inspections During Construction, and Post-construction Inspections***

Measurable Goals: Continually enforce the Village Code and the Engineering Development Standards Manual to prevent stormwater pollution resulting from post-construction runoff.



Milestone: Review site plans for appropriate BMPs, inspect construction sites for substantial conformance with the approved site plans, and ensure long-term maintenance of the BMPs.

BMP Status: Per Ordinance 10-3-13, the Village requires erosion and sediment control (ESC) BMP designs prior to construction. The Village reviews the ESC plans for approval. New detention basin designs and BMPs are incorporated, depending on site conditions, to lessen polluted runoff from exiting the site. Construction sites are inspected during and after construction for conformance.

***BMP F1: Employee Training Program***

Measurable Goals: Annually provide Village employees with seminars or workshops for stormwater pollution prevention for municipal operations and illicit discharge detection and elimination. Other training occurs less formally in an on-the-job fashion.

Milestone: Continue stormwater pollution prevention training for Village employees.

BMP Status: The Public Works Department currently conducts regular employee training, including new employee orientation, to prevent or reduce stormwater pollution from municipal activities. Employee training for material handling, storage, inspection, and maintenance is also utilized by the Village to help prevent and reduce stormwater pollution.

Public Works conducted its annual Hazardous Material Awareness Training, inclusive of MSDS review and GHS Hazard Information training for all employees in MONTH YEAR. In addition, annual staff training on winter road salt and deicing applications was completed before the snow season began.

The Village also participates in DuPage River Salt Creek Workgroup (DRSCW) workshops, training opportunities, special meetings, and educational activities for additional staff development opportunities.

***BMP F2: Inspection and Maintenance Program***

Measurable Goals: Continually inspect and maintain the storm sewer system.

Milestone: Continue conducting formal inspection and maintenance.

BMP Status: The Public Works Department has a formal Standard Operating Procedure in place for drainage system maintenance that is followed semi-annually, or more frequently after major storm events. Currently, the storm sewer inspection and maintenance program is conducted on various inlets and outfalls at various locations each year based on inspection logs. Regular inspection and maintenance is designed to reduce pollutant runoff from municipal facilities and as a product of municipal operations. Employee training for material handling, storage, inspection, and maintenance is also an important component in preventing stormwater pollution.

***BMP F3: Municipal Operations – Stormwater Control***

Measurable Goals: Continue the street sweeping program; continue offering seasonal curbside yard waste and leaf collection weekly.

Milestone: Continue current programs.

BMP Status: The Public Works Department oversees the street sweeping program, which conducts four Village-wide sweeps, typically in May, June, August, and October/November, and two partial sweeps, as needed.

The Village continues to offer seasonal curbside yard waste and leaf collection through the Village’s waste management provider. Spring and fall branch pick-up programs are also offered annually through the Public Works Department. These services are advertised through the Village newsletter.

**C. INFORMATION AND DATA COLLECTION RESULTS**

The Village of Hoffman Estates participates in the DuPage River Salt Creek Workgroup and supports its water quality monitoring program, which meets the MS4 permit objectives and requirements. The DRSCW reports containing monitoring data that was collected and analyzed for Salt Creek, including reducing chloride impairments from deicing measures, can be reviewed under the attachment for Section C. The Village is also a participating member of the Upper Salt Creek Watershed Planning Council with the Northwest Municipal Conference.

Various agencies have water quality monitoring data for Poplar Creek, including the Fox River Study Group (FRSG), Poplar Creek Watershed Planning Council, IEPA, Forest Preserves of Cook County, Illinois State Water Survey, and Metropolitan Water Reclamation District of Chicago’s Watershed Management Ordinance (WMO).

In accordance with ILR40 V.A.2.b.x, the FRSG satisfies the monitoring requirements for the portion of the community located within the Fox River Watershed. The FRSG has developed the Fox River Implementation Plan (FRIP) to take the place of a traditional TMDL for dissolved oxygen and nuisance algae in the Fox River. The FRSG coordinates with the IEPA on the efforts described in the FRIP.

The Village is committed to participating in the FRSG and supporting its efforts and those developed by the Poplar Creek Watershed Planning Council through the Northwest Municipal Conference.

#### D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES

The activities mentioned below are based upon the existing 2021 NOI document and are subject to change when the new permit is issued, The Village's annual report for 2023-2024 will reflect changes made for the new permit.

A summary of the stormwater activities planned by the Village during the next reporting cycle is presented below:

##### ***BMP A1: Distributed Paper Material***

Measurable Goals: Publish one stormwater pollution prevention related article annually in the Village-wide newsletter.

Milestone: Publish one stormwater pollution prevention related article annually.

##### ***BMP A3: Public Service Announcement***

Measurable Goals: Twice per year, announce residential and commercial waste and recycling management opportunities through the Village website and newsletter.

Milestone: Twice per year, announce residential and commercial waste and recycling management opportunities.

##### ***BMP A4: Community Event***

Measurable Goals: The Village Improvement Day will be held annually to help decrease environmental and stormwater pollution.

Milestones: Continue to host Improvement Day annually.

##### ***BMP B1: Public Panel***

Measurable Goals: Hold one meeting annually to discuss the NOI, MS4 annual inspection report, Village's Stormwater Management Plan, and stormwater-related activities and projects.

Milestone: The Stormwater Management Committee will meet, as needed.

***BMP B7: Other Public Involvement***

Measurable Goals: The Village will inform residents and businesses twice per year of the existence of a contact number to report stormwater-related issues.

Milestone: Inform residents and businesses of the existence of a contact number to report stormwater-related issues.

***BMP C1: Stormwater Atlas***

Measurable Goals: Annually review the stormwater map with respect to Village projects and new developments that have occurred and update, as needed.

Milestone: Review the stormwater map and update, as needed.

***BMP C2: Regulatory Control Program***

Measurable Goals: Enforce the Village Code to regulate discharges into the storm sewer system.

Milestone: Continue to enforce the Village Code for illicit discharges.

***BMP C3: Detection/Elimination Prioritization Plan***

Measurable Goals: Continually inspect and monitor outfalls and discharges for the detection and elimination of illicit discharges.

Milestone: Continue to inspect and monitor for illicit discharges.

***BMP C7: Visual Dry Weather Screening***

Measurable Goals: Continually inspect and monitor outfalls and discharges for the detection and elimination of illicit discharges.

Milestone: Continue to inspect and monitor for illicit discharges.

***BMP C9: Public Notification***

Measurable Goals: Inform residents and businesses annually of the existence of a contact number to report illegal dumping or illicit discharges.

Milestone: Inform residents and businesses of the existence of a contact number to report illegal dumping or illicit discharges.

***BMP C10: Other Illicit Discharge Controls***

Measurable Goals: Annually review the streets considered for construction in the Street Project and indicate on the plans which inlet structures are to receive stenciled (or equivalent) messages.

Milestone: Continue program to stencil inlets (and/or equivalent by replacing frame and grates) within the Street Project.

***BMP D1/D2/D4/D6: Regulatory Control Program, Erosion and Sediment Control BMPs, Site Plan Review Procedures, and Site Inspection/Enforcement Procedures***

Measurable Goals: Continually enforce the Village Code and Engineering Development Standards Manual by requiring erosion and sediment control BMPs and inspection construction sites.

Milestone: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of BMPs, and respond to complaints.

***BMP E2/E3/E4/E5/E6: Regulatory Control Program, Long-term Operations and Maintenance Procedures, Pre-construction Review of BMP Designs, Site Inspections During Construction, and Post-construction Inspections***

Measurable Goals: Continually enforce the Village Code and the Engineering Development Standards Manual to prevent stormwater pollution resulting from post-construction runoff.

Milestone: Review site plans for appropriate BMPs, inspect construction sites for substantial conformance with the approved site plans, and ensure long-term maintenance of the BMPs.

***BMP F1: Employee Training Program***

Measurable Goals: Annually provide Village employees with seminars or workshops for stormwater pollution prevention for municipal operations and illicit discharge detection and elimination. Other training occurs less formally in an on-the-job fashion.

Milestone: Continue stormwater pollution prevention training for Village employees.

***BMP F2: Inspection and Maintenance Program***

Measurable Goals: Continually inspect and maintain the storm sewer system.

Milestone: Continue conducting formal inspection and maintenance of the storm sewer system.

***BMP F3: Municipal Operations Stormwater Control***

Measurable Goals: Continue the street sweeping program. Continue offering seasonal curbside yard waste and leaf collection.

Milestones: Continue current programs with the current schedule.

E. NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY

The Village of Hoffman Estates relies on the Metropolitan Water Reclamation District of Chicago to enforce the Cook County Watershed Management Ordinance.

F. CONSTRUCTION PROJECTS DURING REPORTING

The following construction project(s), which have a disturbed area greater than one acre, were active during the reporting period:

- 2023 Street Revitalization Project



**DRSCW ILR40 Activities  
March 2023– March 2024**

**PART I. COVERAGE UNDER GENERAL PERMITS ILR40**

Not applicable to the work of the DRSCW.

**PART II. NOTICE OF INTENT (NOI) REQUIREMENTS**

Not applicable to the work of the DRSCW.

**PART III. SPECIAL CONDITIONS**

Not applicable to the work of the DRSCW.

**PART IV. STORM WATER MANAGEMENT PROGRAMS**

**A. Requirements**

Not applicable to the work of the DRSCW.

**B. Minimum Control Measure**

*1. Public Education and Outreach on Stormwater Impacts*

DRSCW outreach activities for the reporting year ending March 31, 2024 included:

- The DRSCW website was updated and maintained during the reporting period and periodically updated with presentations and material ([www.drscw.org](http://www.drscw.org)).
- Public information available on the website includes:
  - Chloride Fact Sheets aimed at mayors and managers, public works staff, commercial operators, and homeowners.
  - Model Salt Storage and Handling Ordinances and Policies.
  - Model Facilities Plan for Snow and Ice Control.
  - A fact sheet summarizing alternative deicing products.
  - Information of effective operating parameters for commonly used anti icing compounds.
  - Parking lots chloride application rate guidance example sheet and aide memoire.



## DuPage River Salt Creek Workgroup

- A brochure on coal tar sealants as a source of Polycyclic Aromatic Hydrocarbons (PAHs) aimed at homeowners (produced by the University of New Hampshire Stormwater Center).
- Detailed reports on the biological and chemical conditions of area waterways.

### Technical Presentations

Workgroup meetings: The Workgroup hosts bimonthly meetings where technical presentations are made on a variety of water quality topics and surface water management subjects. The audience consists of mainly stormwater and wastewater professionals but the public is welcome to attend. Presentations made during the period March 1, 2023 to March 31, 2024 are listed below. Selected presentations are made available on the DRSCW website and upon request. Technical presentations have also been approved by the IEPA as CEUs for the Wastewater Operator and Drinking Water Operator Certifications.

April 26, 2023 – Upper Salt Creek Watershed-Based Plan. Presenter: Kirsten James, Civil Engineer/Water Resource Specialist, Hey and Associates, Inc.

April 26, 2023 -- 2019 East Branch DuPage River Bioassessment. Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute (MBI),

June 28, 2023 – Results of the Study of the Associations Between Continuous DO Data and Biological Assemblage data, Nutrient Parameters, and Sestonic and Benthic Chlorophyll Measures. Presenter: Edward Rankin, Senior Biologist, MBI ,

August 30, 2023 – Are Stormwater Biofilters Causing Nutrient Impairments? Presenter: Andy Erickson, Research Manager, St. Anthony Falls Laboratory, University of Minnesota,

October 25, 2023 – DRSCW/LDRWC Nutrient Implementation Plan (NIP). Presenters: Stephen McCracken, Deanna Doohaluk, and Alex Handel, The Conservation Foundation.

December 6, 2023 – Progress Report Master Plan for Salt Creek at Fullersburg Woods. Presenter: Deanna Doohaluk, The Conservation Foundation.

December 6, 2023 – NIP Recommendations. Presenter: S. McCracken, The Conservation Foundation.





**Other Water Quality Presentations or Workshops by the DRSCW**

March 2, 2023—Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, IAWA Mini Conference, Springfield, IL. Presenters: Amy Underwood, Downers Grove Sanitary District and Stephen McCracken, the Conservation Foundation.

March 7, 2023 — Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek, on-line, Sierra Club. Presenter: Stephen McCracken, The Conservation Foundation.

March 8, 2023 — IPS and Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, on-line, North Branch Watershed Workgroup (NBWW). Presenter: Stephen McCracken.

March 9, 2023 — Coal Tar Based Sealants, a significant source of PAHs? La Grange Village Hall, La Grange Environmental Commission. Presenter: Stephen McCracken, The Conservation Foundation.

April 10, 2023 – Watershed Track, IPWC, Springfield, Illinois. Moderators of Various Sessions: Stephen McCracken and Deanna Doohaluk, The Conservation Foundation.

April 20, 2023 – IPS and Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, on-line, Des Plains River Watershed Workgroup (DRWW). Presenters: Deanna Doohaluk, The Conservation Foundation and Ed Rankin, MBI.

July 11, 2023 – Chloride Pollution and Management. Indiana LTAP Stormwater Drainage Conference, Purdue University. Presenter: Stephen McCracken, The Conservation Foundation.

July 14, 2023 – DRSCW/LDRWC NIP Update, IAWA Technical Meeting, Starved Rock, Ottawa, Illinois. Presenters: Amy Underwood, Downers Grove Sanitary District and Rick Federighi, Village of Addison.

September 6, 2023 – Chloride TMDL: Behind the Scenes, Wisconsin Salt Wise. Presenter: Stephen McCracken, The Conservation Foundation.

October 3, 2023 – DRSCW/LDRWC NIP, DuPage County Storm Water Management Committee Meeting. Presenter: Stephen McCracken, The Conservation Foundation



November 8, 2023 – Update on the Master Plan for Salt Creek at Fullersburg Woods. TCF DuPage County Advisory Council. Presenter: Deanna Doohaluk, The Conservation Foundation

January 15, 2024 – “The Road to Salt Reduction”, The Adirondack Explorer, News Article. Authors: Stephen McCracken and Hanna Miller, The Conservation Foundation

January 24, 2024 – Update on the Master Plan for Salt Creek at Fullersburg Woods, River Prairie Group of the Sierra Club. Presenter: Deanna Doohaluk, The Conservation Foundation.

February 12, 2024 – “Watershed Management to Meet Water Quality Goals”, Water and Waste Management (WWM) Conference, Chanhga, Ahmedabad, Gujarat, India. Presenter: Stephen McCracken, The Conservation Foundation

February 26, 2024 – Dam Removals in Northeastern Illinois, RiverLife, Elgin, Illinois. Presenter: Deanna Doohaluk, The Conservation Foundation.

*2. Public Involvement and Participation – No Activities*

*3. Illicit Discharge Detection and Elimination – No Activities*

*4. Construction Site Storm Water Runoff Control - No Activities*

*5. Post-Construction Storm Water Management in New Development and Redevelopment - No Activities*

*6. Pollution Prevention/Good Housekeeping for Municipal Operations – No Activities*

### **Chloride Questionnaires**

The DRSCW has attempted to track adoption of sensible salting BMPs in the program area since 2007. This is done as ambient chloride concentration monitoring; and while the ultimate indicator of success, it has proven an imperfect metric for tracking efficiency trends in winter salt use. Tracking target BMP adoption in the program area allows the DRSCW to evaluate the success of the chloride management workshops. Historically the public roads and parking lots/sidewalks workshops have covered the following practices:

- Winter Weather tracking and planning
- Behavior of commonly used deicing compounds
- Product and chemical alternatives
- Equipment calibration training



## DuPage River Salt Creek Workgroup

- Application Rates
- Equipment and salt application advancements
- Salt usage, storage and deicing best management practices
- Example salt use policies and management plans

The questionnaires also help identify topics for future workshops, and form suppositions about salt use per unit of service expended inside the program area relative to 2006 levels.

Questionnaires were distributed in 2007, 2010, 2012, 2014, 2016, and 2018. They were sent to approximately 80 municipal highway operations and public works agencies. A new questionnaire was due to be distributed in 2022 but was not completed due to a need to rework elements of the questionnaire. It is now due to be issued in March/April 2024.

### **Chloride Reduction Workshops**

During the reporting period March 1, 2023 to March 31, 2024, five (5) chloride reduction workshops were held. The workshops were held in a webinar format allowing the groups to collaborate and host the workshops jointly. The workgroup staff for the DRSCW, LDRWC, Lower Des Plains Watershed Group (LDWG) and Chicago Area Waterways Chloride Workgroup (CAWCW) collaborated with staff from Lake County DOT and Health Dept. to coordinate the workshops. Registration was made available to agencies over a wide area of northeastern Illinois resulting in staff attending from Boone, Cook, DuPage, Kane, Lake, Will, and Winnebago counties, as well as Milwaukee, WI. A list of attendees of the Public Roads Deicing Workshop (by County) is included in Attachment 1 and attendees of the Parking Lots & Sidewalks Deicing Workshop (by County) is included in Attachment 2.

Public Roads Deicing Workshops were held on September 26, October 4, and October 10, 2023. Staff from Bolton-Menk, Inc. (formerly at Fortin Consulting, Inc.) from Minnesota were engaged to present the material. A registration fee was required per agency in order to view the webinar. The links were shareable within an agency. A survey was provided at the end of each webinar to those who had signed in asking for the number of attendees from each agency and for an evaluation of the workshop. The survey results indicated that a minimum of 690 persons attended the four Public Roads workshops. Certificates of attendance were provided to those who requested them. A link to the *Minnesota Snow and Ice Control: Field Book for Snowplow Operators* was provided to each registrant.

The Parking Lot and Sidewalk Deicing Workshop webinars were held on October 3 and October 17, 2023 and presented by staff from The Conservation Foundation through the Salt Smart Collaborative. The survey results indicated that there was a minimum of 330 persons who viewed the webinars. Certificates of attendance were provided to those who requested them.



The surveys provided an opportunity to provide an evaluation on the webinars. A link was sent to each registrant for the *Illinois Winter Maintenance Manual for Parking Lots and Sidewalks* developed by the Salt Smart Collaborative (developed in part by a Section 319 Grant issued by IEPA).

In addition, an in-person Northeast Illinois Salt Conference was held on Sept. 12, 2023 at Medinah Shriners in Addison. Three speakers represented Evanston, Niles, and Carol Stream. Their presentations covered Weather and Pavement Temperature, Route Management, and Liquids. A representative from NIPSTA discussed Plow Driver training. The Conservation Foundation staff presented on the new Salt Smart Certified program for parking lots and sidewalks. The workshop was attended by 101 public works directors and supervisors. The Conference was supported by The Conservation Foundation staff, the DuPage River Salt Creek Workgroup, Lower DuPage River Watershed Coalition, Lower Des Plaines Watershed Group, Chicago Area Waterways Chloride Workgroup, and the Salt Smart Collaborative. Exhibitors in attendance were Henderson Products and Kueper Blades. A list of attendees of the Northeast Illinois Salt Conference (by County) is included in Attachment 3.

### **Ambient Impact Monitoring**

DRSCW's Chloride Education and Reduction Program has performed an in-depth analysis to detect trends in chloride loading within the water quality data collected since the beginning of program efforts.

The goal of the analysis is to gauge the impact, if any, of the chloride education program on chloride loadings and concentrations generated from DRSCW water quality data collected from 2009 to present. Such an analysis is challenging due to the influences of other variables that dictate the magnitude of chloride impact on water quality data, principally winter weather (see Figure 1 to Figure 6). The analysis is needed to account for this inherent variability to as great a degree as possible. To help accomplish this the DRSCW purchased 10 years of weather data (snow and ice precipitation data for numerous locations) from Weather Command / Murray and Trettel, Inc. The analysis steps for each site where winter chloride concentration data was available was:

- Calculation of estimated chloride concentrations from winter conductivity data
- Calculation of a warm weather regression value from summer concentration data and summer conductivity measures
- Calculation of estimated chloride summer concentrations
- Creation of loading data (in pounds per day) from the estimated concentration data using USGS flow data



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- Identification of ice events from the weather command data and “replacement” of such events with loadings observed under snow events with the same accumulation
- Graphing of loading and concentration data for each site

This analysis has been completed and phase one results have been produced. The report is being finalized and will be complete by April 2024.

### **Continuous Chloride Monitoring**

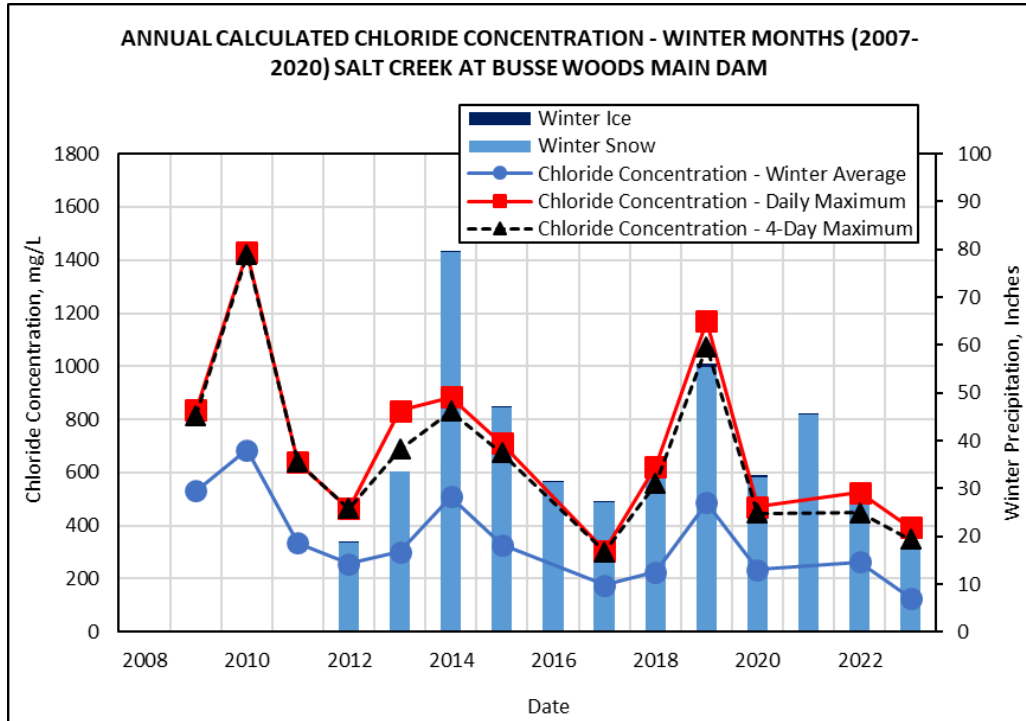
When chlorides are present in elevated concentrations in rivers, they harm aquatic invertebrates, fish, and aquatic and terrestrial plants. Chlorides also corrode structures such as bridges, increasing maintenance costs; and chlorides are very difficult to remove from water through treatment. In the DRSCW and LDRWC watersheds, the main source of elevated chlorides in the rivers is from winter deicing applications. In an effort to understand and track chloride levels in the watershed, year-round conductivity monitoring is carried out.

Ambient monitoring of conductivity is carried out at six (6) locations in the DRSCW program area (5 sites monitored by the DRSCW and 1 site monitored by MWRD). A map of the DRSCW ambient chloride monitoring sites is provided in Map 1. All conductivity sites were originally installed to collect continuous DO and are situated for that rather than chlorides. The DRSCW chloride sites are positioned in the upper and lower sections of each watershed.

The upstream Salt Creek chloride site (Busse Woods) is at the upstream most point of the Lower Salt Creek watershed (this site isn't placed further upstream as it was selected to measure DO upstream of the watersheds POTWs). MWRD did not conduct ambient winter conductivity monitoring at the Salt Creek at Busse Woods site in 2021. The site was taken over by DRSCW for conductivity monitoring during the winter of 2022.

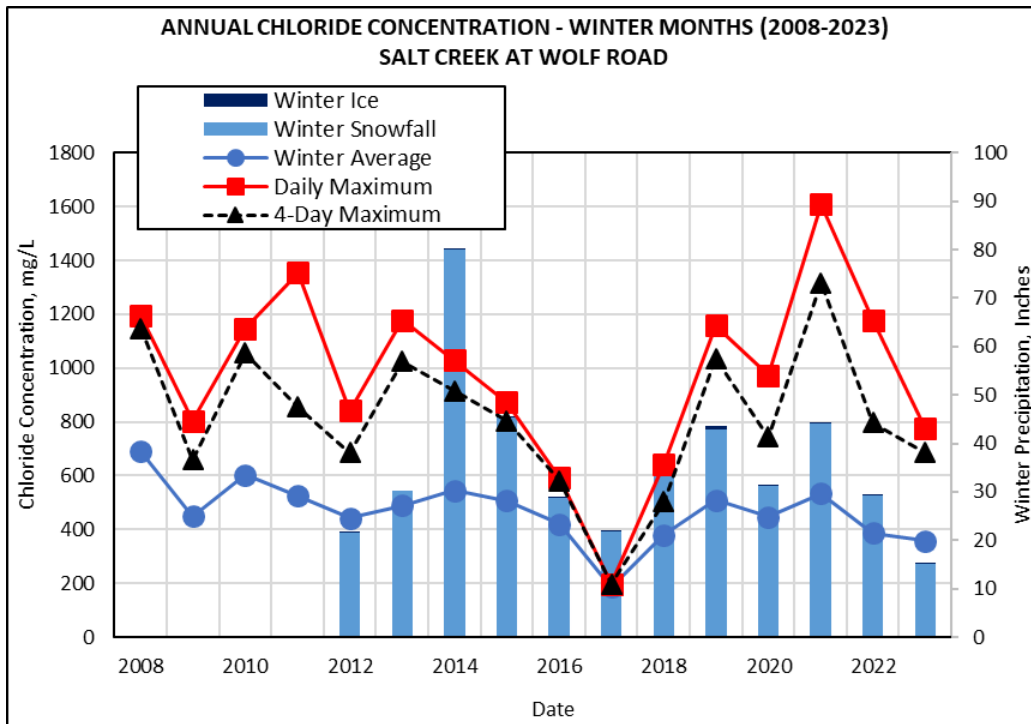
In the DRSCW watersheds, conductivity concentrations are used to calculate chloride concentrations based on a linear relationship established by the DRSCW. Calculated Annual chloride concentrations for the winter months from 2007-2023 for six (6) sites are depicted in Figure 1 to Figure 6. The Daily Max represents the highest chloride daily value calculated from that year's winter season. The Winter Average is the average of all measurements from the winter season. The Four-Day Average is the maximum value of the year's four-day averages. Also shown are seasonal totals for winter snow and ice data. This data is generated from weather data supplied by a contract with Weather Command/ Murray and Trettel, Inc. The data is specific to the areas proximate to the conductivity monitoring sites. Weather data prior to 2011-12 has not been available.

**Figure 1.** Calculated Chloride Concentrations - Winter Months (2007-2023) for Salt Creek at Busse Woods Main Dam. Data was not collected in 2021.

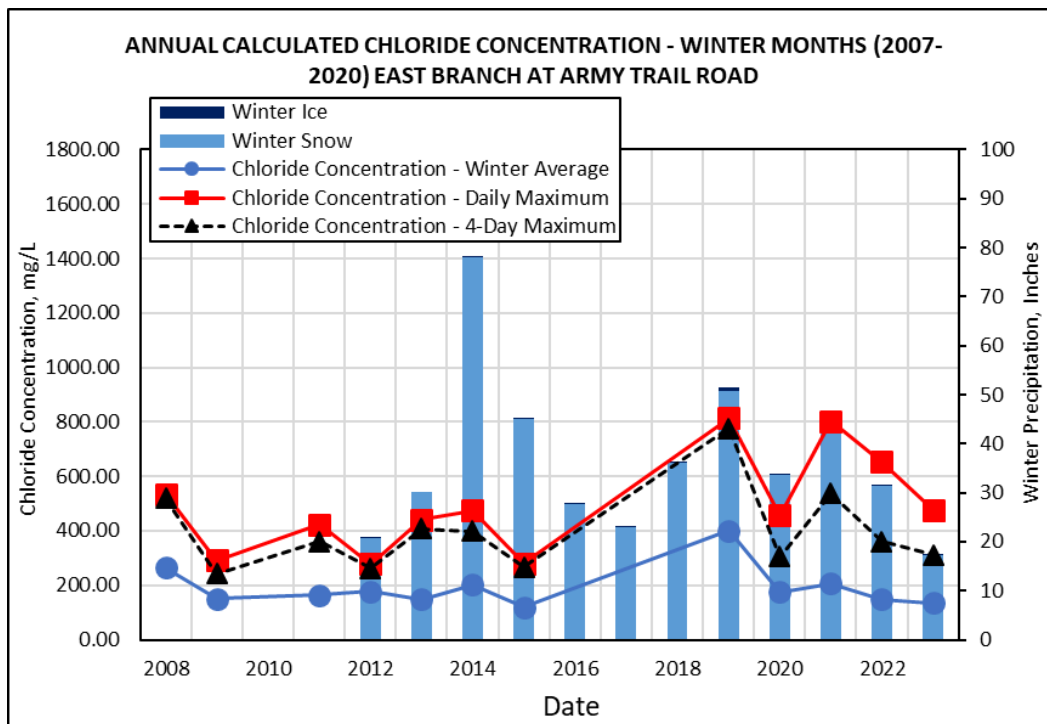




**Figure 2.** Calculated Chloride Concentrations - Winter Months (2007-2023) for Salt Creek at Wolf Road



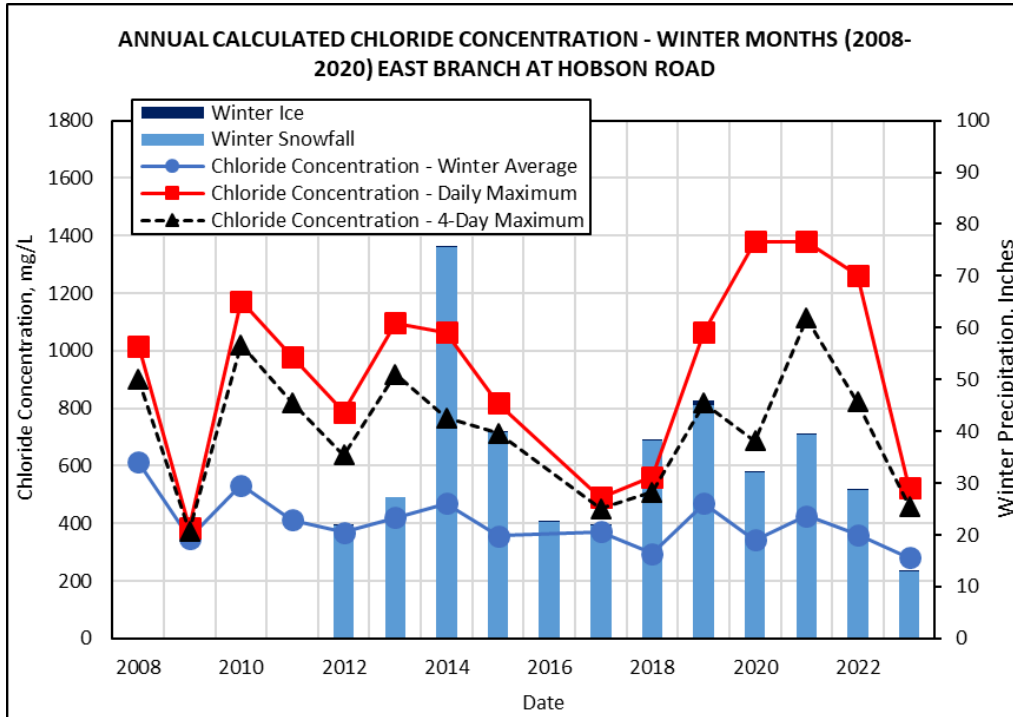
**Figure 3.** Calculated Chloride Concentrations - Winter Months (2007-2023) for the East Branch DuPage River at Army Trail Road



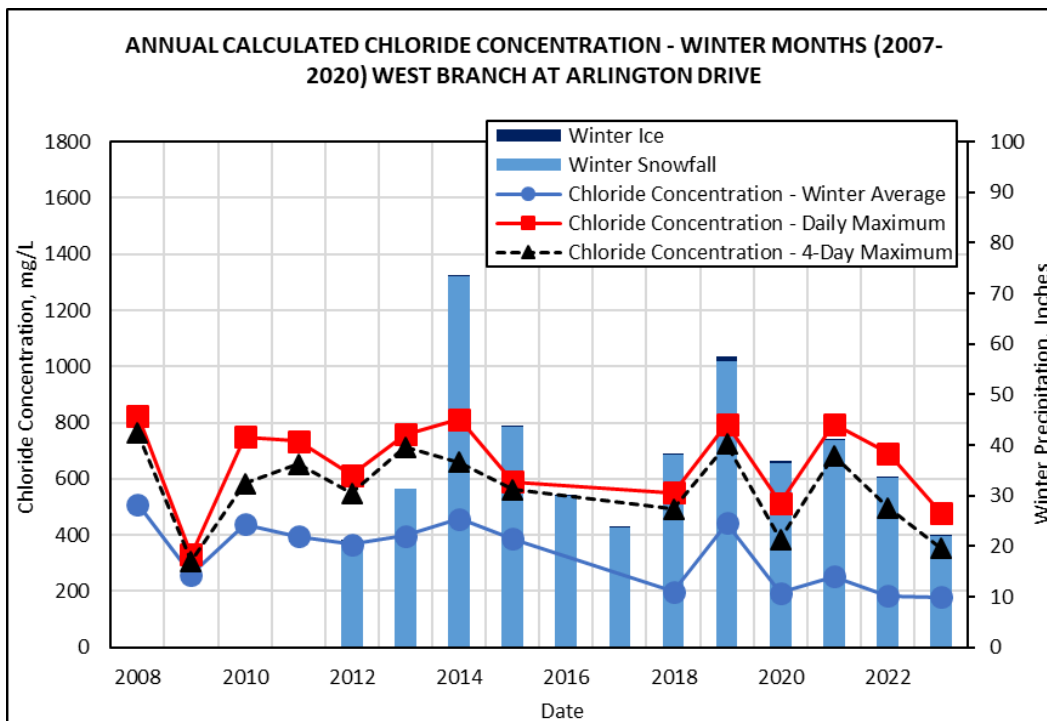




**Figure 4.** Calculated Chloride Concentrations - Winter Months (2008-2023) for the East Branch DuPage River at Hobson Road



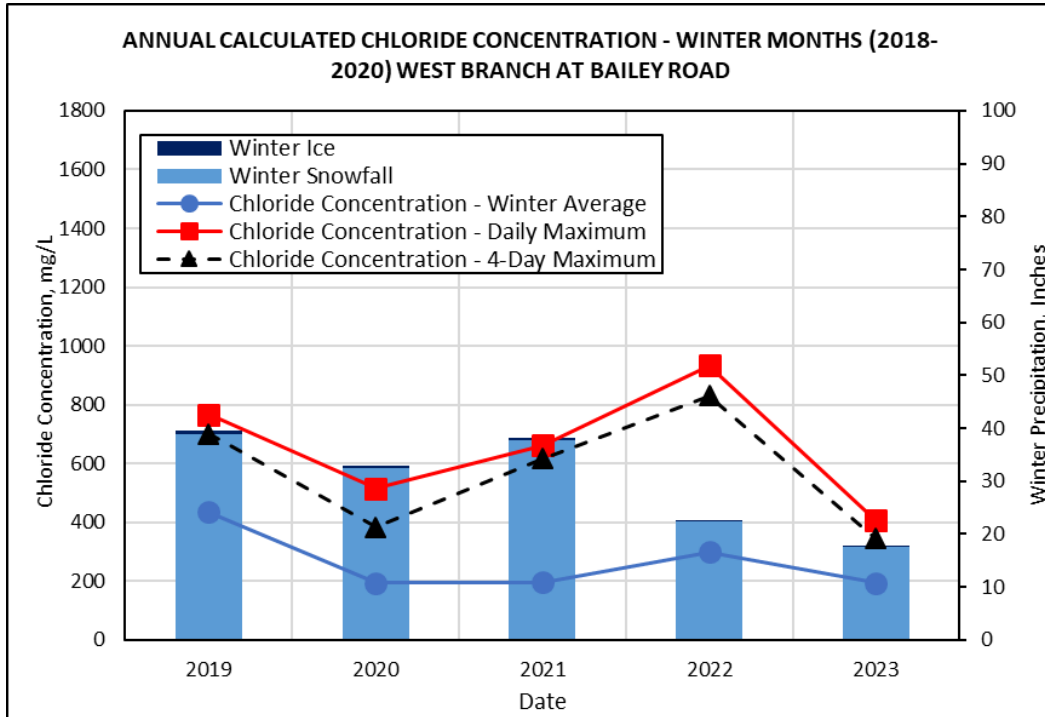
**Figure 5.** Calculated Chloride Concentrations - Winter Months (2007-2023) for the West Branch DuPage River at Arlington Drive







**Figure 6.** Calculated Chloride Concentrations - Winter Months (2018-2023) for the West Branch DuPage River at Bailey Road





**C. Qualifying State, Country or Local Program**

Not applicable to the work of the DRSCW.

**D. Sharing Responsibility**

This report outlines the activities conducted by the DRSCW on behalf of its' members related to the implementation of the ILR40 permit. It is the responsibility of the individual ILR40 permit holders to utilize this information to fulfill the reporting requirements outlined in Part V.C. of the permit.

**E. Reviewing and Updating Stormwater Management Programs**

Not applicable to the work of the DRSCW.

**PART V. MONITORING, RECORDKEEPING, AND REPORTING**

**A. Monitoring**

The ILR40 permit states that permit holders “must develop and implement a monitoring and assessment program to evaluate the effectiveness of the BMPs being implemented to reduce pollutant loadings and water quality impacts”. The DRSCW monitoring program meets the following monitoring objectives and requirements outlined in the permit:

- Measuring pollutants over time (Part V. A. 2. b. ii)
- Sediment monitoring (Part V. A. 2. b. iii)
- Assessing physical and habitat characteristics such as stream bank erosion caused by storm water discharges ((Part V. A. 2. b. vi)
- Collaborative watershed-scape monitoring (Part V. A. 2. b. x)
- Ambient monitoring of total suspended solids, total nitrogen, total phosphorus, fecal coliform, chlorides, and oil and grease (Part V. A. 2. c.)

The DRSCW water quality monitoring program is made up of four components: 1) Bioassessment; 2) Continuous DO monitoring; 3) Expanded DO monitoring, and 3) Continuous Chloride Monitoring. Components 1-3 are discussed below and component 4 was discussed in the previous section of this report.



**BIOASSESSMENT**

**Overview and Sampling Plan**

A biological and water quality survey, or “biosurvey”, is an interdisciplinary monitoring effort coordinated on a waterbody specific or watershed scale. This may involve a relatively simple setting focusing on one or two small streams, one or two principal stressors, and a handful of sampling sites or a much more complex effort including entire drainage basins, multiple and overlapping stressors, and tens of sites. The DRSCW bioassessment is the latter. The DRSCW bioassessment program began in 2007 with sampling in the West Branch DuPage River, East Branch DuPage River and Salt Creek watersheds. From 2009-2016, each watershed was sampled on a 3-year rotation beginning with the West Branch DuPage River watershed in 2006. Beginning in 2017, the watersheds were sampled in a four-year rotation to allow time for the report writing and program assessment. As of 2023, the DRSCW watersheds will be sampled on a six-year rotation. The bioassessment program functions under a quality assurance plan agreed on with the Illinois Environmental Protection Agency (<http://drscw.org/wp/bioassessment/>). Table 1 details the bioassessment sampling dates for each DRSCW watershed.

**Table 1.** Bioassessment sampling dates for the DRSCW watershed

<b>Watershed</b>	<b>Sampling Completed (year)</b>	<b>Sampling Scheduled (year)</b>
East Branch DuPage River	2007, 2011, 2014, 2019, 2023	2029
West Branch DuPage River	2007, 2009, 2012, 2015, 2020	2025
Salt Creek	2007, 2010, 2013, 2016, 2021	2027

The DRSCW bioassessment program utilizes standardized biological, chemical, and physical monitoring and assessment techniques employed to meet three major objectives:

- 1) determine the extent to which biological assemblages are impaired (using IEPA guidelines);
- 2) determine the categorical stressors and sources that are associated with those impairments; and,
- 3) add to the broader databases for the DuPage River and Salt Creek watersheds to track and understand changes through time in response to abatement actions or other influences.

The data collected under the bioassessment is processed, evaluated, and synthesized as a biological and water quality assessment of aquatic life use status. These assessments are directly comparable to previously conducted bioassessments such that trends in status can be examined and causes and sources of impairment can be confirmed, amended, or removed. A final report containing a summary of major findings and recommendations for future monitoring, follow-up



investigations, and any immediate actions that are needed to resolve readily diagnosed impairments is prepared following each bioassessment. The bioassessment reports are posted on the DRSCW at <http://drscw.org/wp/bioassessment/>. It is not the role of the bioassessments to identify specific remedial actions on a site specific or watershed basis. However, the baseline data provided by the bioassessments contributes to the Integrated Priority System that was developed to help determine and prioritize remedial projects (<http://drscw.org/wp/project-identification-and-prioritization-system/>).

Sampling sites for the bioassessment were determined systematically using a geometric design supplemented by the bracketing of features likely to exert an influence over stream resource quality, such as CSOs, dams and wastewater outfalls. The geometric site selection process starts at the downstream terminus or “pour point” of the watershed (Level 1 site), then continues by deriving each subsequent “panel” at descending intervals of one-half the drainage area (D.A.) of the preceding level. Thus, the drainage area of each successive level decreases geometrically. This results in seven drainage area levels in each of the three watersheds, starting at the largest (150 sq. mi) and continuing through successive panels of 75, 38, 19, 9, 5 and 2 sq. mi. Targeted sites are then added to fill gaps left by the geometric design and assure complete spatial coverage in order to capture all significant pollution gradients including reaches that are impacted by wastewater treatment plants (WWTPs), major stormwater sources, combined sewer overflows (CSOs) and dams. The number of sampling sites by method/protocol and watershed are listed in Table 2.

**Table 2.** Number of sampling sites in the DRSCW project area.

Method/Protocol	West Branch DuPage River (2020)	East Branch DuPage River (2023)	Salt Creek (2021)	Reference Sites (2006-2021)	Total Sites
Biological sampling					
Fish	42	46*	65*	13	166
Macroinvertebrates	42	45*	65*	13	165
QHEI	42	46*	65*	13	166
Water Column Chemical/Physical Sampling					
Nutrients**	42	39	57	6	144
Water Quality Metals	30	22	34	6	92
Water Quality Organics	18	11	17	6	52
Sediment Sampling	23	15	27	6	71

\*Includes sites sampled as part of pre-project monitoring for the physical projects.

\*\*Also included indicators of organic enrichment and ionic strength, total suspended solids (TSS), DO, pH and temperature. Also, in 2019, 2020 and 2023, chlorophyll A was included as a nutrient parameter.



### Representativeness – Reference Sites

Data is collected from selected regional reference sites in northeastern Illinois preferably to include existing Illinois EPA and Illinois DNR reference sites, potentially being supplemented with other sites that meet the Illinois EPA criteria for reference conditions. One purpose of this data will be to index the biological methods used in this study that are different from Illinois EPA and/or DNR to the reference condition and biological index calibration as defined by Illinois EPA. In addition, the current Illinois EPA reference network does not yet include smaller headwater streams, hence reference data is needed to accomplish an assessment of that data. Presently thirteen (13) reference sites have been established.

The bioassessment sampling includes four (4) sampling methods/protocols: biological sampling, Qualitative Habitat Evaluation Index (QHEI), water column chemical/physical parameter sampling and sediment chemistry. The biological sampling includes two assemblages: fish and macroinvertebrates.

The Fish, Habitat and Water Chemistry sampling results presented in this report summarize the findings for the mainstem reaches of the East Branch DuPage River from the 2023 bioassessment. A list of the sampling sites included in the 2023 East Branch DuPage River bioassessment is provided in Table 3 and a map of the 2023 East Branch DuPage River bioassessment sites can be found in Map 2. Detailed analysis of all results for the East Branch DuPage River, the West Branch DuPage River and Salt Creek and their tributaries and can be found at <http://drscw.org/wp/bioassessment/>.

The fish and macroinvertebrate results are presented as Illinois EPA Index of Biotic Integrity (IBI) scores. IBI is an evaluation of a waterbodies biological community in a manner that allows the identification, classification and ranking of water pollution and other stressors. IBIs allow the statistical association of various anthropogenic influences on a water body with the observed biological activity in said water body and in turn the evaluation of management interventions in a process of adaptive management. Chemical testing of water samples produces only a snapshot of chemical concentrations while an IBI allows an evaluation of the net impact of chemical, physical and flow variables on a biological community structure. Dr. James Karr formulated the IBI concept in 1981.



## DuPage River Salt Creek Workgroup

**Table 3.** 2023 East Branch DuPage River Bioassessment Sampling Sites and Frequency of Sampling

Site Number	River	Latitude	Longitude	Frequency of Sampling during the 2023 Bioassessment							
				Biological Sampling	QHEI	Demand/ Nutrient	Sulfate	Metals	Organics	Sediment	Oil/ Grease
EB01	Trib to E. Branch	41.722101	-88.066886	1	1	2					
EB02	Crabtree Creek	41.742488	-88.063466	1	1	2					
EB03	Prentiss Creek	41.771559	-88.070854	1	1	4		2			
EB04	Prentiss Creek	41.768255	-88.023438	1	1	2					
EB05	Tributary #6	41.76552	-88.083446	1	1	2					
EB06	Rott Creek	41.794673	-88.108805	1	1	2					
EB07	St. Joseph Creek	41.799053	-88.066105	1	1	6	1	4		1	1
EB08	St. Joseph Creek	41.793726	-88.022307	1	1	4		2			
EB09	Tributary to St. Joseph Creek	41.78139	-88.011301	1	1	8		2			
EB10	St. Joseph Creek	41.786345	-87.988384	1	1	2					
EB11	Willoway Brook	41.813363	-88.093695	1	1	2					
EB12	E. Branch DuPage River	41.817551	-88.070101	1	1	6		6	1	1	
EB13	Lacey Creek	41.826345	-88.047659	1	1	4		2			
EB14	Lacey Creek	41.81926	-88.015041	1	1	2					
EB15	Glencrest Creek	41.845416	-88.048384	1	1	4		2			
EB17	22nd Street Trib	41.845135	-88.027971	1	1	2					
EB19	E. Branch DuPage River	41.871131	-88.041521	1	1	6		6	1	1	
EB20	Tributary to E. Branch DuPage	41.890928	-88.047683	1	1	2					
EB21	E. Branch DuPage River	41.898823	-88.048586	1	1	6		4	1	1	
EB22	Armitage Creek	41.910852	-88.06102	1	1	2					
EB23	E. Branch DuPage River	41.917873	-88.05177	1	1	6	1	4	1	1	
EB24	Army Trail Creek	41.931177	-88.052038	1	1	2					
EB25	E. Branch DuPage River	41.93661	-88.060411	1	1	2		2			
EB26	E. Branch DuPage River	41.904841	-88.048033	1	1	6		6		1	
EB29	E. Branch DuPage River	41.941631	-88.062479	1	1	12					
EB30	E. Branch DuPage River	41.844856	-88.042741	1	1	6	1	6	1	1	
EB31	E. Branch DuPage River	41.793944	-88.079133	1	1	6	1	6	1	1	
EB32	E. Branch DuPage River	41.758824	-88.072293	1	1	12	1	6	1	1	
EB33	E. Branch DuPage River	41.736857	-88.067816	1	1	12		6	1	1	
EB34	E. Branch DuPage River	41.712035	-88.088376	1	1	12		6	1	1	
EB35	E. Branch DuPage River	41.718178	-88.070535	1	1	12		6	1	1	
EB36	E. Branch DuPage River	41.886264	-88.042288	1	1	6		6		1	
EB37	E. Branch DuPage River	41.77118	-88.076897	1	1	6		4			
EB38	E. Branch DuPage River	41.714391	-88.112161	1	1	8					
EB39	E. Branch DuPage River	41.712349	-88.093981	1	1	12		6		1	
EB41	E. Branch DuPage River	41.7109	-88.12797	1	1	12	1	6	1	1	
EB40	E. Branch DuPage River	41.744	-88.068	1	1	8					
EB42	E. Branch DuPage River	41.88555	-88.043055	1	1						
EB43	E. Branch DuPage River	41.732252	-88.067222	1	1						
EB12A	E. Branch DuPage River	41.81911	-88.065277	1	1						
EB43A	E. Branch DuPage River	41.726811	-88.069166	Fish Only	1						
EB44	E. Branch DuPage River	41.712517	-88.099181	1	1						
EB45	E. Branch DuPage River	41.711974	-88.082386	1	1						
EB46	E. Branch DuPage River	41.714518	-88.073918	1	1						
E BAR	E. Branch DuPage River	41.935171	-88.05843			6					
EBHL	E. Branch DuPage River	41.8257	-88.05316			6					



## FISH

### Methodology

Methods for the collection of fish at wadeable sites was performed using a tow-barge or longline pulsed D.C. electrofishing apparatus (MBI 2006b). A Wisconsin DNR battery powered backpack electrofishing unit was used as an alternative to the long line in the smallest streams (Ohio EPA 1989). A three-person crew carried out the sampling protocol for each type of wading equipment sampling in an upstream direction. Sampling effort was indexed to linear distance and ranged from 150-200 meters in length. Non-wadeable sites were sampled with a raft-mounted pulsed D.C. electrofishing device in a downstream direction (MBI 2007). Sampling effort was indexed to lineal distance over 0.5 km. Sampling was conducted during a June 15-October 15 seasonal index period.

Samples from each site were processed by enumerating and recording weights by species and by life stage (y-o-y, juvenile, and adult). All captured fish were immediately placed in a live well, bucket, or live net for processing. Water was replaced and/or aerated regularly to maintain adequate D.O. levels in the water and to minimize mortality. Fish not retained for voucher or other purposes were released back into the water after they had been identified to species, examined for external anomalies, and weighed either individually or in batches. While the majority of captured fish were identified to species in the field, any uncertainty about the field identification required their preservation for later laboratory identification. Identification was made to the species level at a minimum and to the sub-specific level if necessary. Vouchers were deposited and verified at The Ohio State University Museum of Biodiversity (OSUMB) in Columbus, OH.

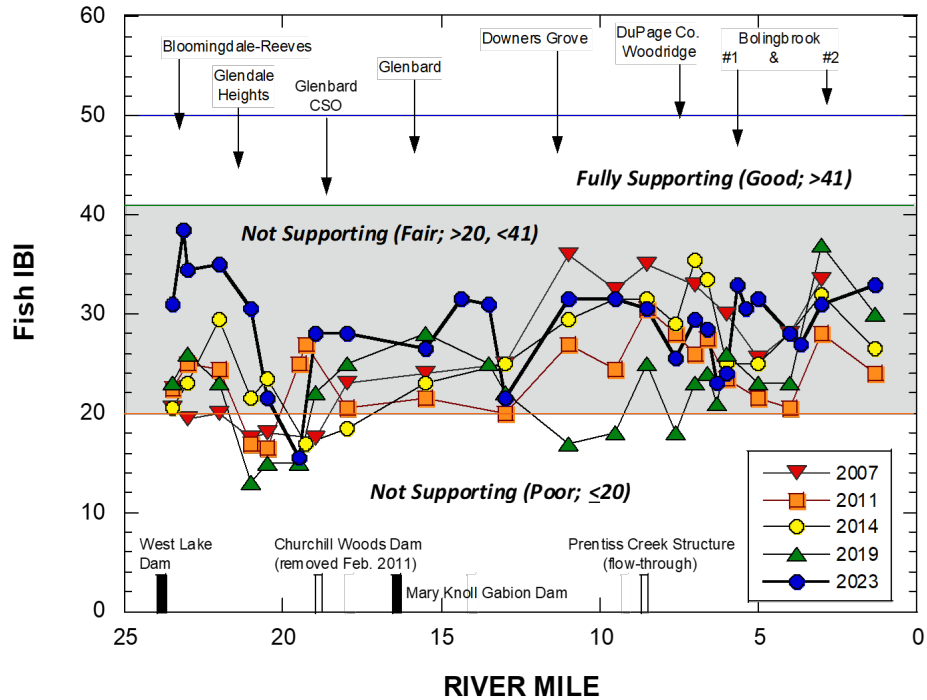
### Results

#### *East Branch DuPage River*

Fish assemblage conditions throughout the East Branch DuPage River watershed a in the poor and fair ranges (Figure 7).



**Figure 7.** Fish IBI scores in the East Branch DuPage River in 2007, 2011, 2014, 2019, and 2023 relation to municipal POTW dischargers and tributaries



*Bars along the x-axis depict mainstem dams or weirs (only black bars impede fish passage).  
The shaded area demarcates the "fair" narrative range.*

**MACROINVERTEBRATES**

Methodology

The macroinvertebrate assemblage is sampled using the Illinois EPA (IEPA) multi-habitat method (IEPA 2005). Laboratory procedures followed the IEPA (2005) methodology for processing multi-habitat samples by producing a 300-organism subsample with a scan and pre-pick of large and/or rare taxa from a gridded tray. Taxonomic resolution is performed to the lowest practicable resolution for the common macroinvertebrate assemblage groups such as mayflies, stoneflies, caddisflies, midges, and crustaceans, which goes beyond the genus level requirement of IEPA (2005). However, calculation of the macroinvertebrate IBI followed IEPA methods in using genera as the lowest level of taxonomy for mIBI calculation and scoring.

Results

*East Branch DuPage River*

Macroinvertebrate collections from the 2023 East Branch are still pending and will be provided in the 2024 DRSCW MS4 Activities Report.





## HABITAT

### Methodology

Physical habitat was evaluated using the Qualitative Habitat Evaluation Index (QHEI) developed by the Ohio EPA for streams and rivers in Ohio (Rankin 1989, 1995; Ohio EPA 2006b) and as modified by MBI for specific attributes. Attributes of habitat are scored based on the overall importance of each to the maintenance of viable, diverse, and functional aquatic faunas. The type(s) and quality of substrates, amount and quality of instream cover, channel morphology, extent and quality of riparian vegetation, pool, run, and riffle development and quality, and gradient used to determine the QHEI score which generally ranges from 20 to less than 100. QHEI scores and physical habitat attribute were recorded in conjunction with fish collections.

### Results

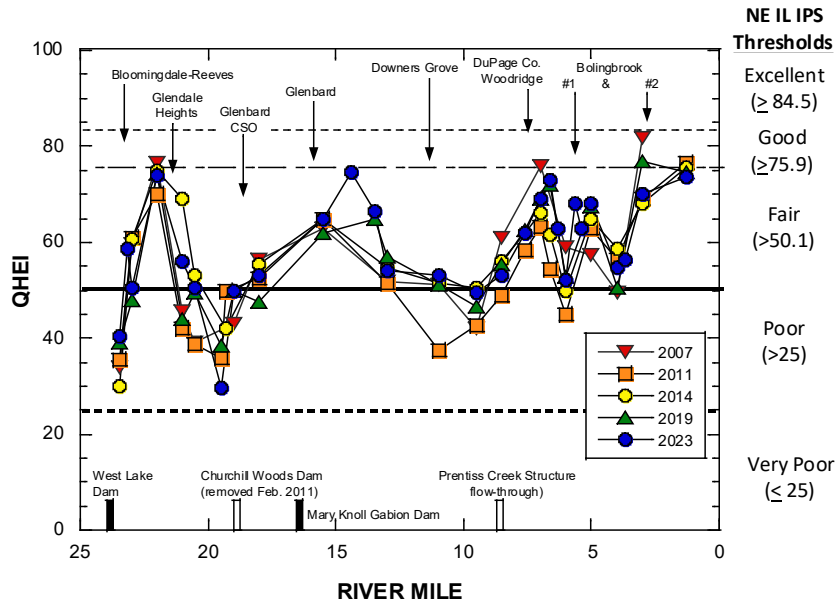
The physical habitat of a stream is a primary determinant of biological quality. Streams in the glaciated Midwest, left in their natural state, typically possess riffle-pool-run sequences, high sinuosity, and well-developed channels with deep pools, heterogeneous substrates and cover in the form of woody debris, glacial tills, and aquatic macrophytes. The QHEI categorically scores the basic components of stream habitat into ranks according to the degree to which those components are found in a natural state, or conversely, in an altered or modified state.

#### *East Branch DuPage River*

Based on QHEI scores, mainstem habitat quality fell mostly in the good ranges, but varied by location (Figure 8).



**Figure 8.** Qualitative Habitat Evaluation Index (QHEI) scores for the East Branch DuPage River in 2007, 2011, 2014, 2019, and 2023 in relation to municipal WWTP discharges and tributaries



*Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage).*

## WATER QUALITY CHEMISTRY

### Methodology

Water column and sediment samples are collected as part of the DRSCW bioassessment programs. The total number of sites sampled is detailed in Table 2. Total number of collected samples by watershed typical for a full assessment by watershed are given in Table 4. The number of samples collected at each site is largely a function of the site’s drainage area with the frequency of sampling increasing as drainage size increases (Table 5). Organics sampling is a single sample done at a subset of sites. Sediment sampling is done at a subset of the 60 sites (60) using the same procedures as the IEPA.

The parameters sampled for are included in Table 6 and can be grouped into demand parameters, nutrients, demand, metals and organics. All sampling occurs between June and October of the sample year with the exception of sediment that occurs October to December. The Standard Operating Procedure for water quality sampling can be found at <http://drscw.org/wp/bioassessment/>.



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**Table 4.** Total number of samples by watershed typical for a full assessment by watershed

Watershed	Approximate # Sites	Demand Samples	Nutrients Samples	Metals Samples	Organics Samples
Salt Creek (2021)	57	319	319	167	17
West Branch DR (2020)	42	225	225	116	18
East Branch DR (2023)	39	222	222	100	11

**Table 5.** Approximate distribution of sample numbers by drainage area across the monitoring area

Drainage Area and site numbers	>100 sq mi (n=12)	>75 sq mi (n=25)	>38 sq mi (n=11)	>19 sq mi (n=11)	>8 sq mi (n=15)	>5 sq mi (n=24)	>2 sq mi (n= 46)
Mean # Samples demand /nutrients	12	9	6	6	4	4	2
Mean # Samples metals	6	6	4	4	2	2	0

**Table 6.** Water Quality and sediment Parameters sampled as part of the DRSCW Bioassessment Program

Water Quality Parameters	Sediment Parameters
<p><b>Demand Parameters</b>            5 Day BOD            Chloride            Conductivity            Dissolved Oxygen            pH            Temperature            Total Dissolved Solids            Total Suspended Solids</p> <p><b>Nutrients</b>            Ammonia            Nitrogen/Nitrate            Nitrogen – Total Kjeldahl            Phosphorus, Total            Chlorophyll A</p> <p><b>Metals</b>            Cadmium            Calcium            Copper            Iron            Lead            Magnesium            Zinc</p>	<p><b>Sediment Metals</b>            Arsenic            Barium            Cadmium            Chromium            Copper            Iron            Lead            Manganese            Nickel            Potassium            Silver            Zinc</p> <p><b>Sediment Organics</b>            Organochlorine Pesticides            PCBS            Percent Moisture            Semivolatile Organics            Volatile Organic Compounds</p>



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<b>Organics – Water</b> PCBS      Volatile Organics Pesticides Semivolatile Organics	
---	--

**Results**

The discussion presented below focuses on the constituents listed in the MS4 permit: total suspended solids, total nitrogen, total phosphorus, fecal coliform, chlorides, and oil and grease. Total nitrogen is presented as ammonia, nitrate, and total kjeldahl nitrogen (TKN). Prior to the 2016 sampling period, fecal coliform and oil and grease sampling was not conducted. Oil and grease sampling and/or fecal coliform were added to the bioassessment sampling for Salt Creek in 2016, the East Branch DuPage River in 2019, and the West Branch DuPage River in 2020 ensuring that each watershed will be sampled for that parameter during the effective period of the ILR40 permit.

***East Branch DuPage River***

In 2023 samples for Fat, Oil and Grease (FOG) was collected at three (3) sites in the East Branch DuPage River watershed. The results are summarized in Table 7.

**Table 7.** Concentrations of Fat, Oil and Grease in 2019 in the East Branch DuPage River watershed

Site Number	Site Location	FOG (mg/L)
EB07	St. Joseph Creek behind Lisle Station Apartments at St. Joseph Road bridge	Non-detect (ND)
EB39	East Branch DuPage River south of Whalon Lake Forest Preserve along the gravel road	Non-detect (ND)
EB41	East Branch DuPage River downstream of Washington Road/Weber Road	Non-detect (ND)

In 2023, samples for fecal coliform samples were collected at five (5) sites on the mainstem East Branch DuPage River and one (1) site on St. Joseph’s Creek. Each site was sampled 5 times within a 30-day period beginning on October 17, 2023. The results are summarized below in Table 8.



**Table 8.** Concentrations of Fecal Coliform in 2019 in the East Branch DuPage River watershed

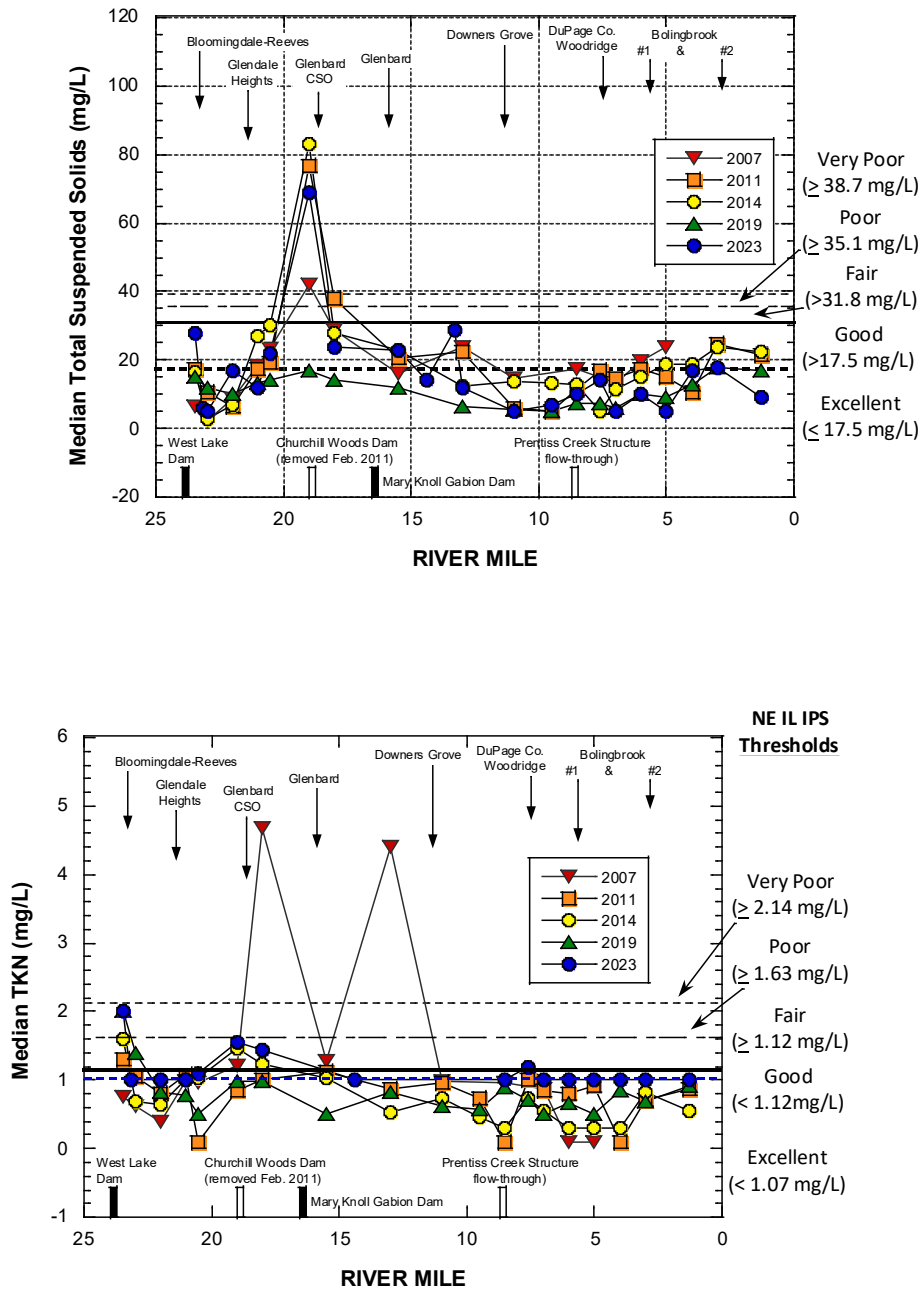
Site Number	Site Location	Fecal Coliform cfu/100 mL					Geometric mean Fecal Coliform cfu/100 mL
		10/17/23	10/19/23	10/24/23	10/26/23	10/31/20	
<b>East Branch DuPage River</b>							
EB23	E Branch DuPage at Fullerton Ave	50	50	50	50	50	50
EB30	E Branch DuPage at Westfield Elementary school	50	50	50	50	50	50
EB 31	E Branch DuPage at Short St.	50	50	50	50	50	50
EB32	E Branch DuPage at Hobson Rd	50	50	50	50	50	50
EB41	E Branch DuPage at Weber Rd	50	50	50	50	50	50
<b>Tributaries</b>							
EB07	St Joseph Creek at St Joseph Rd	50	50	50	50	50	50

\*All samples were reported as less than 50 cfu/100 mL and indicated in the table above as a value of 50 cfu/100 mL.

East Branch mainstem flows are effluent dominated during the late summer-early fall months. As such, chemical water quality is highly influenced by the concentration and composition of chemical constituents in WWTP effluents (Figure 9 to Figure 11).



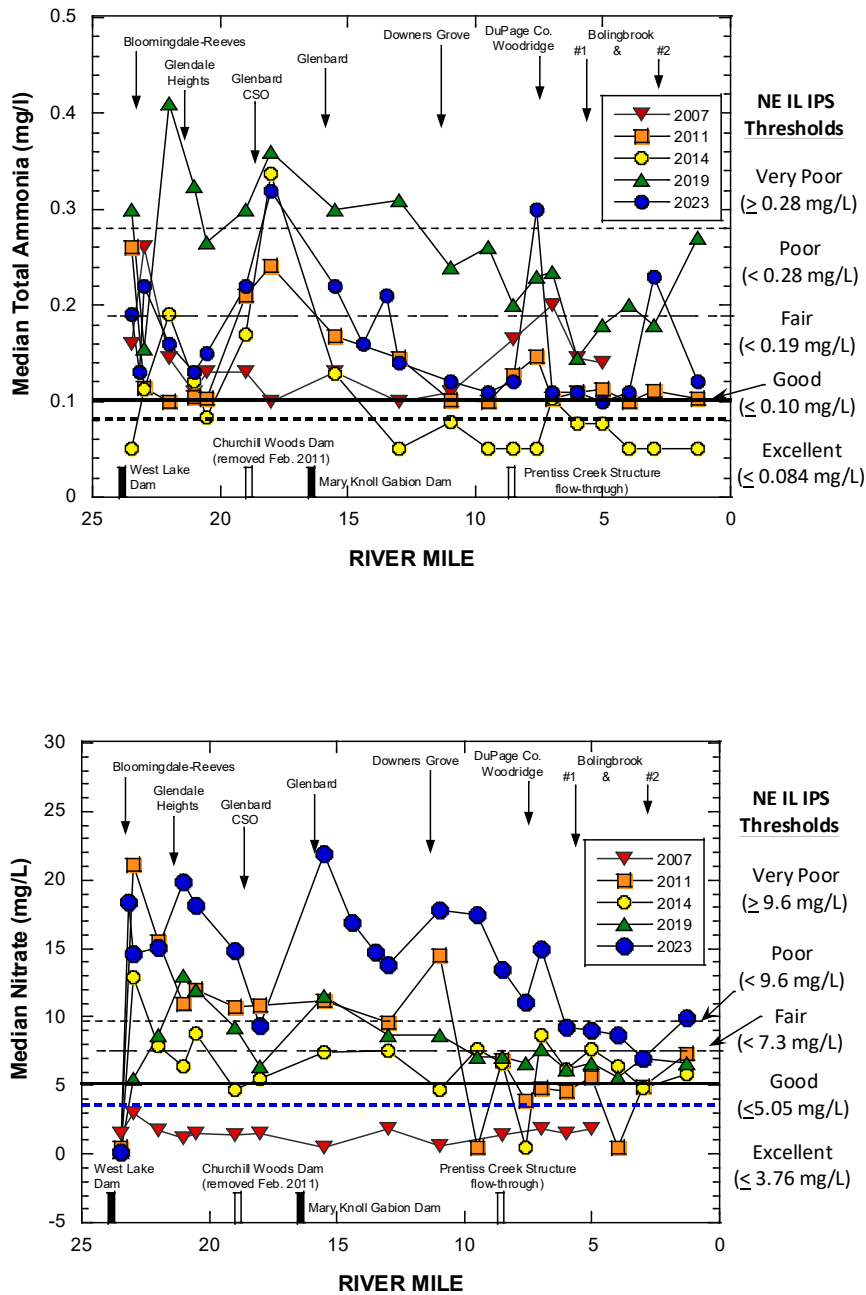
**Figure 9.** Median concentrations of total suspended solids (top panel) and TKN (lower panel) from East Branch DuPage River samples in 2007, 2011, 2014, 2019, and 2023 in relation to municipal WWTP discharges



Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage).

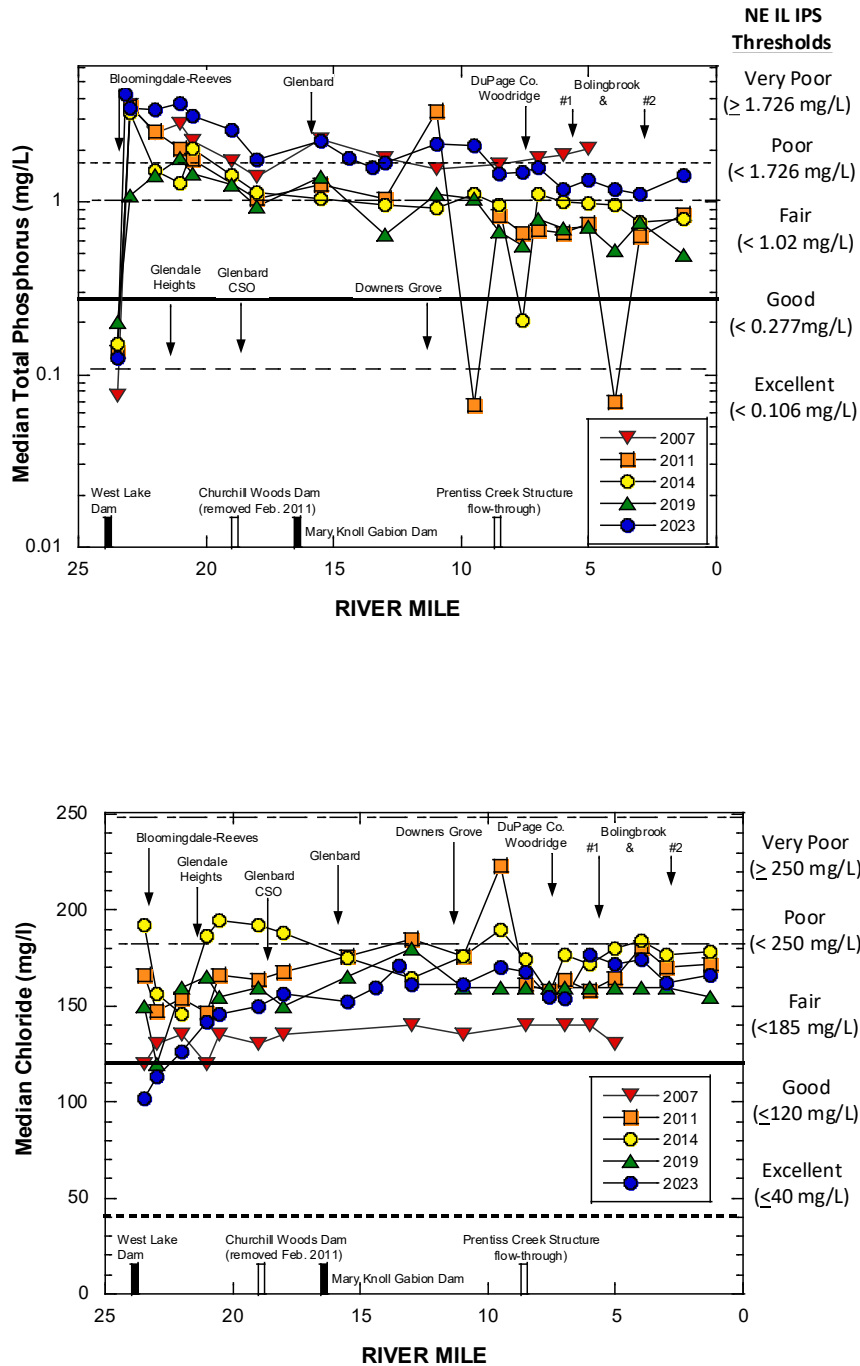


**Figure 10.** Median concentrations of ammonia-N (top panel) and nitrate+nitrite-N (lower panel) from East Branch DuPage River samples in 2007, 2011, 2014, 2019, and 2023 in relation to municipal WWTP discharges



Bars along the x-axis depict mainstem dams or weirs (only black bars for dams that impede fish passage).

**Figure 11.** Median concentrations total phosphorus (top panel) and chloride (bottom panel) from East Branch DuPage River samples in 2007, 2011, 2014, 2019, and 2023 in relation to municipal WWTP discharges



Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage).





### Sediment Chemistry Results

Detailed analysis and results for sediment chemistry is located at <http://drscw.org/wp/bioassessment/>.

### **DISSOLVED OXYGEN (DO) MONITORING**

#### Background and Methodology

The Illinois Environmental Protection Agency (IEPA) report, Illinois 2004 Section 303(d) List, listed dissolved oxygen (DO) as a potential impairment in Salt Creek, and the East and West Branches of the DuPage River. The report suggested that the DO levels in selected reaches of these waterways might periodically fall to levels below those required by healthy aquatic communities.

All rivers and creeks in DuPage County are classified as General Use Waters. The present water quality standards for dissolved oxygen in General Use Waters is:

1. During the period of March through July
  - a. 5.0 mg/L at any time; and
  - b. 6.0 mg/L as a daily mean averaged over 7 days.
  
2. During the period of August through February,
  - a. 3.5 mg/L at any time;
  - b. 4.0 mg/L as a daily minimum averaged over 7 days; and
  - c. 5.5 mg/L as a daily mean averaged over 30 days.

Following listing on the 303 (d) list two (2) DO TMDLs were prepared by the IEPA for Salt Creek and the East Branch of the DuPage River in 2004 and two (2) DO TMDLs were prepared for the West Branch DuPage River and Spring Brook #1 in 2019. In response to the TMDLs, the DRSCW committed to develop and manage a continuous long-term DO monitoring plan for the project area in order to assess the nature and extent of the DO impairment and to allow the design of remedial projects. The continuous DO data is also used to assess the impact of DO improvement projects such as the Churchill Woods and Oak Meadow dam removals.

In 2023, the DRSCW in collaboration with DuPage County Stormwater Management gathered continuous DO data via water quality sondes at four (4) sites on Salt Creek (SCBW, SCOM, SCBR SCFW), five (5) sites on the East Branch DuPage River (EBAR, EBCB, EBHL, EBHR, EBWL), and five (5) sites on the West Branch DuPage River (WBAD, WBBR, WBWD, WBMG, WBNPV) that will be utilized in the calibration and verification of the updated QUAL2Kw models. The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) also typically monitors one (1)



additional location on Salt Creek. All sondes are deployed from May through October and collected DO, temperature, conductivity, and pH on an hourly basis. The continuous DO monitoring program functions under a quality assurance plan agreed on with the IEPA (<http://drscw.org/wp/dissolved-oxygen/>). Details on the site location are included in Table 9 and site locations for 2023 are included on Map 3.

**Results**

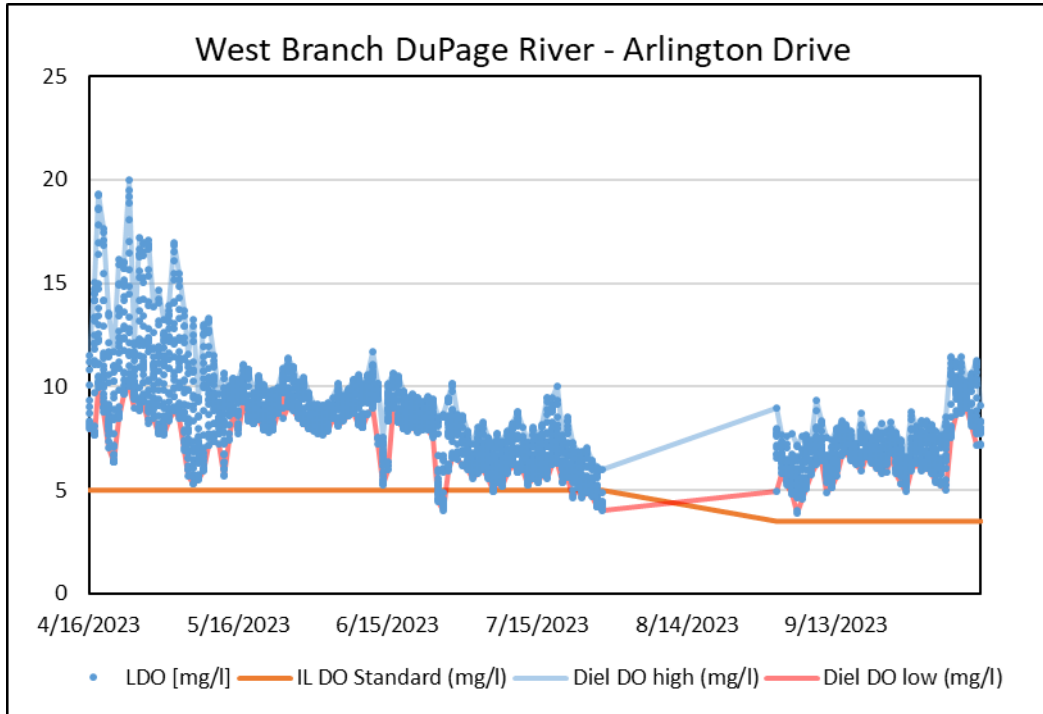
Results of the continuous DO monitoring conducted in the summer of 2023 is included in Figure 12 to Figure 26.

**Table 9.** 2023 Continuous DO monitoring locations in the DRSCW watersheds in 2021

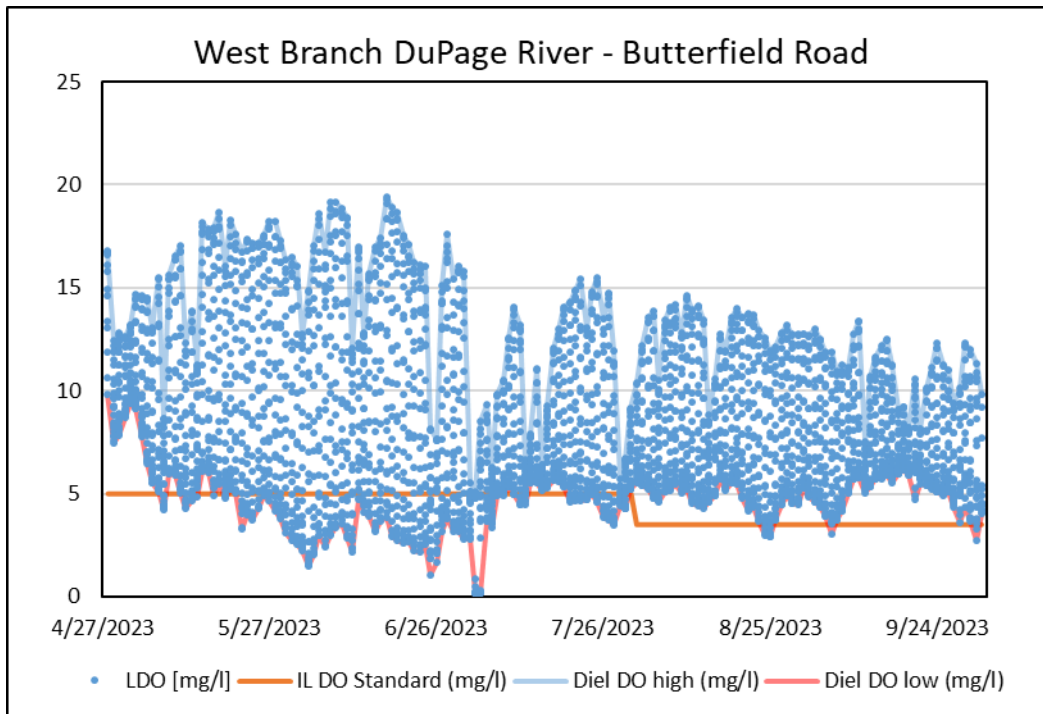
Site ID	Stream Name	River Mile	Latitude	Longitude	Location
WBAD	W. Br. DuPage River	29.9	41.9750	-88.1386	Arlington Drive
WBBR	W. Br. DuPage River	11.7	41.825268	-88.179456	Butterfield Road
WBWD	W. Br. DuPage River	11.1	41.82027	-88.17212	Downstream of former Warrenville Grove Dam
WBMG	W. Br. DuPage River	8.6	41.795928	-88.187263	Upstream of former McDowell Grove Dam
WBNPV	W. Br. DuPage River	3.0	41.74029	-88.126879	Downstream Bailey Road
EBAR	E. Br. DuPage River	23.0	41.935171	-88.05843	Army Trail Road
EBCB	E. Br. DuPage River	18.8	41.88510	-88.04110	Crescent Boulevard
EBHL	E. Br. DuPage River	14.0	41.82570	-88.05316	Hidden Lake Preserve
EBHR	E. Br. DuPage River	8.5	41.76800	-88.07160	Hobson Road
EBWL	E. Br. DuPage River	3.8	41.712315	-88.094842	Whalon Lake
SCBW	Salt Creek	29.4	42.01630	-88.00061	Downstream of Busse Woods Dam (MWRDGC)
SCOM	Salt Creek	23.0	41.941279	-87.983363	Upstream of former Oak Meadows Dam
SCBR	Salt Creek	16.1	41.864686	-87.95073	Butterfield Road
SCFW	Salt Creek	11.1	41.825493	-87.93158	Fullersburg Woods impoundment
SCWR	Salt Creek	8.1	41.82576	-87.90045	Wolf Road (MWRDGC)



**Figure 12.** 2023 Dissolved Oxygen plot for the West Branch DuPage River at Arlington Drive (WBAD)

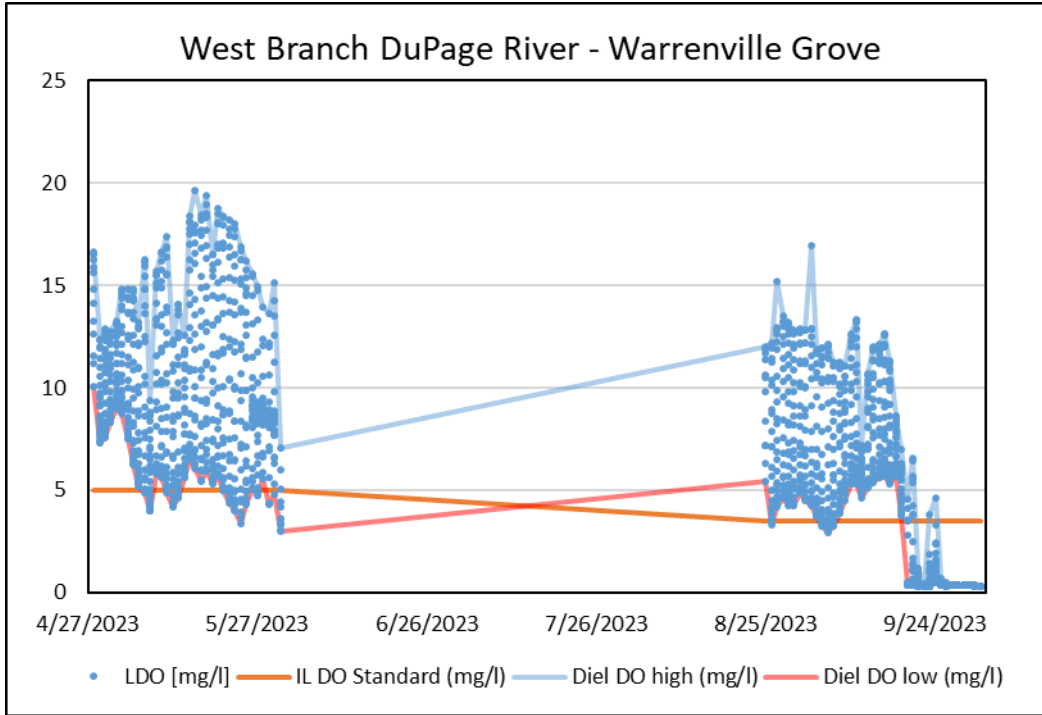


**Figure 13.** 2023 Dissolved Oxygen plot for the West Branch DuPage River at Butterfield Road (WBBR)

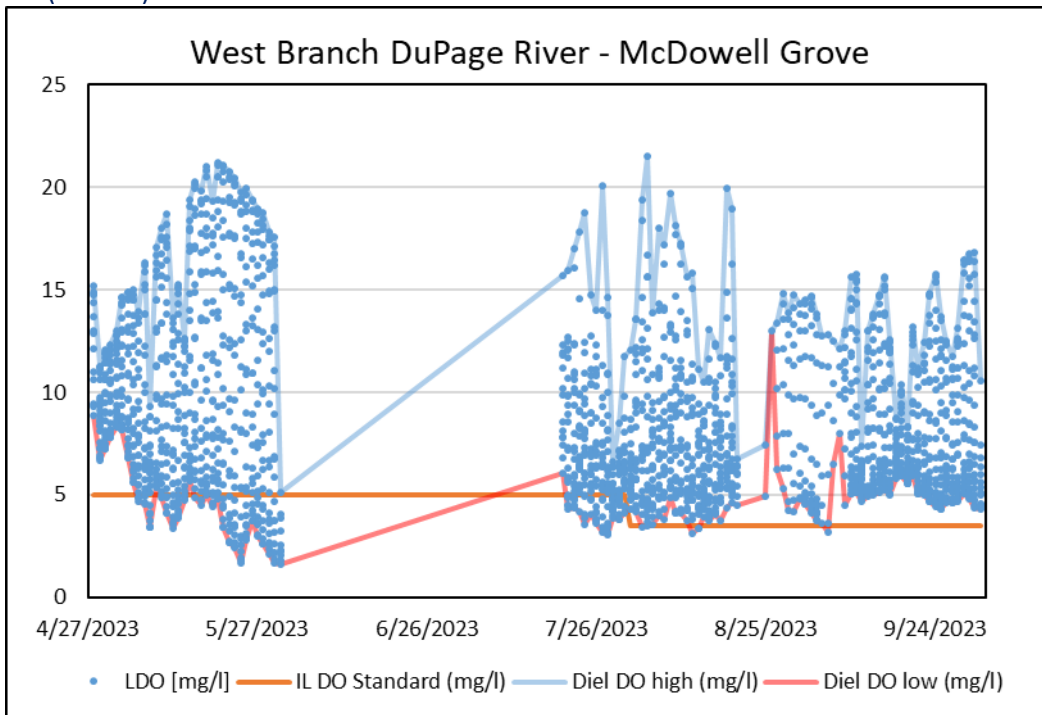




**Figure 14.** 2023 Dissolved Oxygen plot for the West Branch DuPage River downstream of former Warrenville Grove Dam (WBWD)

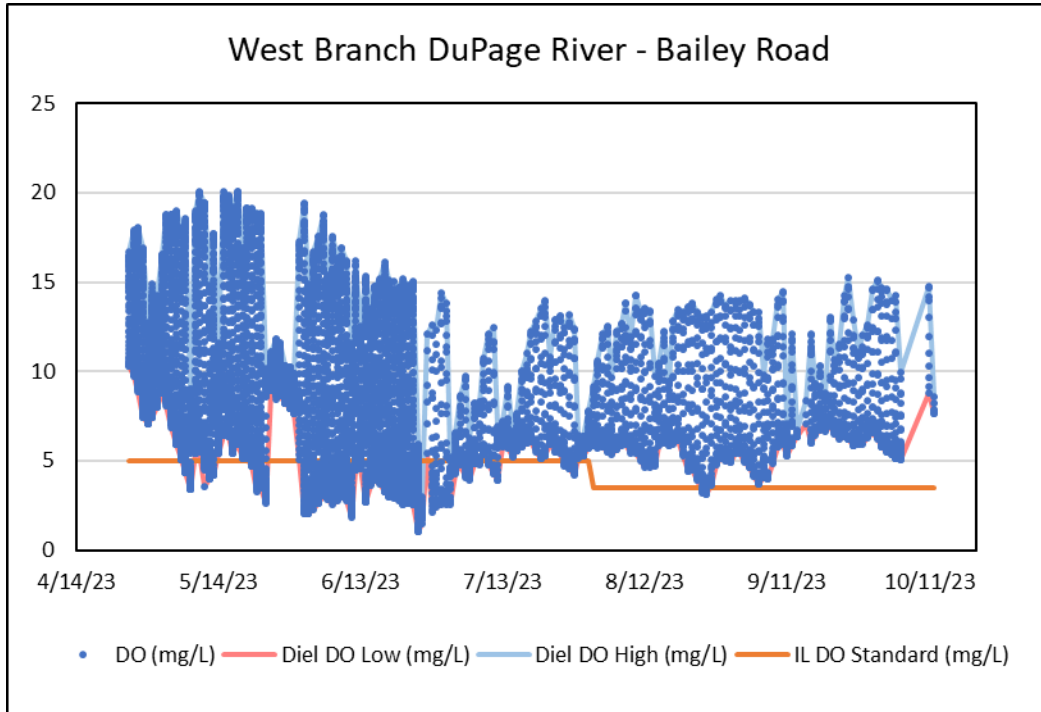


**Figure 15.** 2023 Dissolved Oxygen plot for the West Branch DuPage River upstream of former McDowell Grove Dam (WBMG)

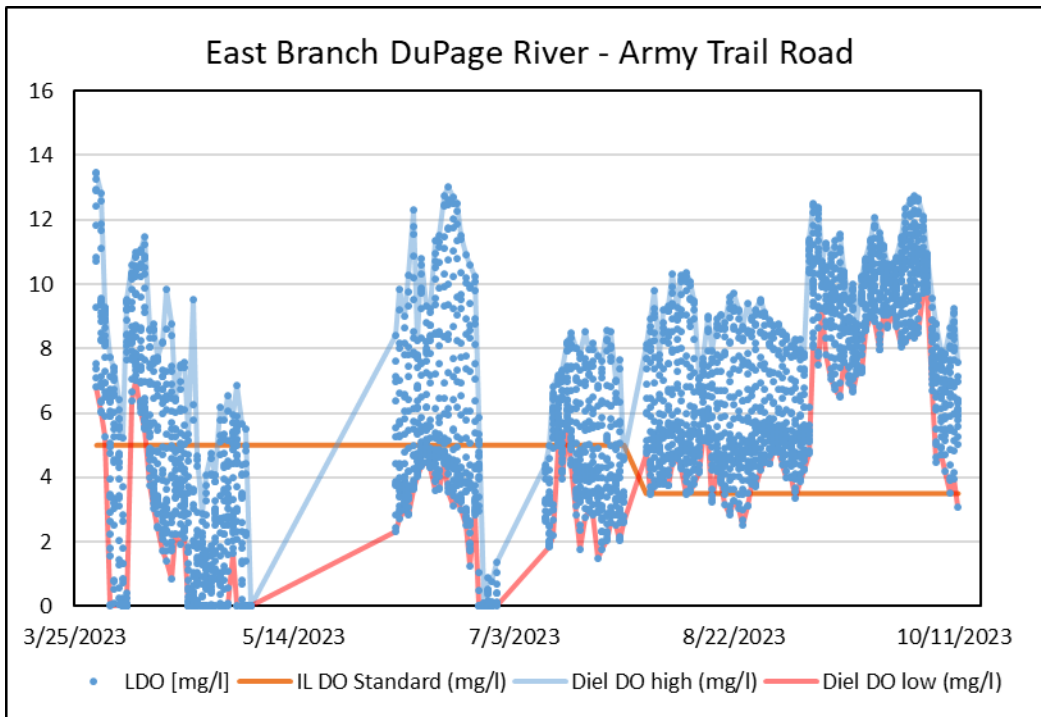




**Figure 16.** 2023 Dissolved Oxygen plot for the West Branch DuPage River at Bailey Road (WBNPV)

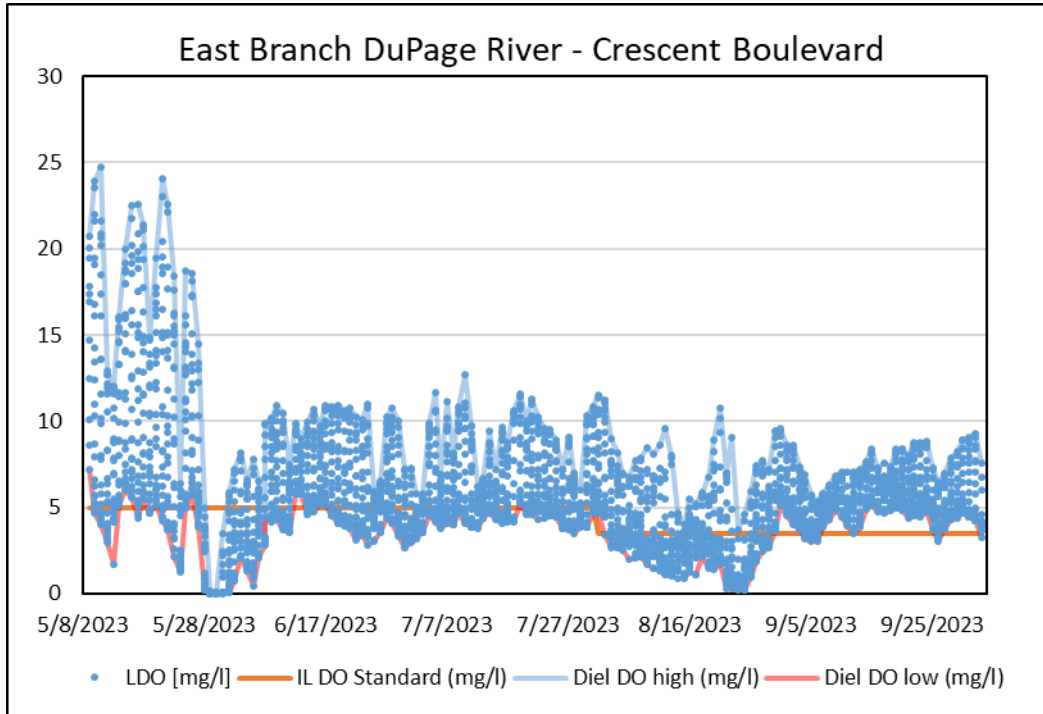


**Figure 17.** 2023 Dissolved Oxygen plot for the East Branch DuPage River at Army Trail Road (WBAR)

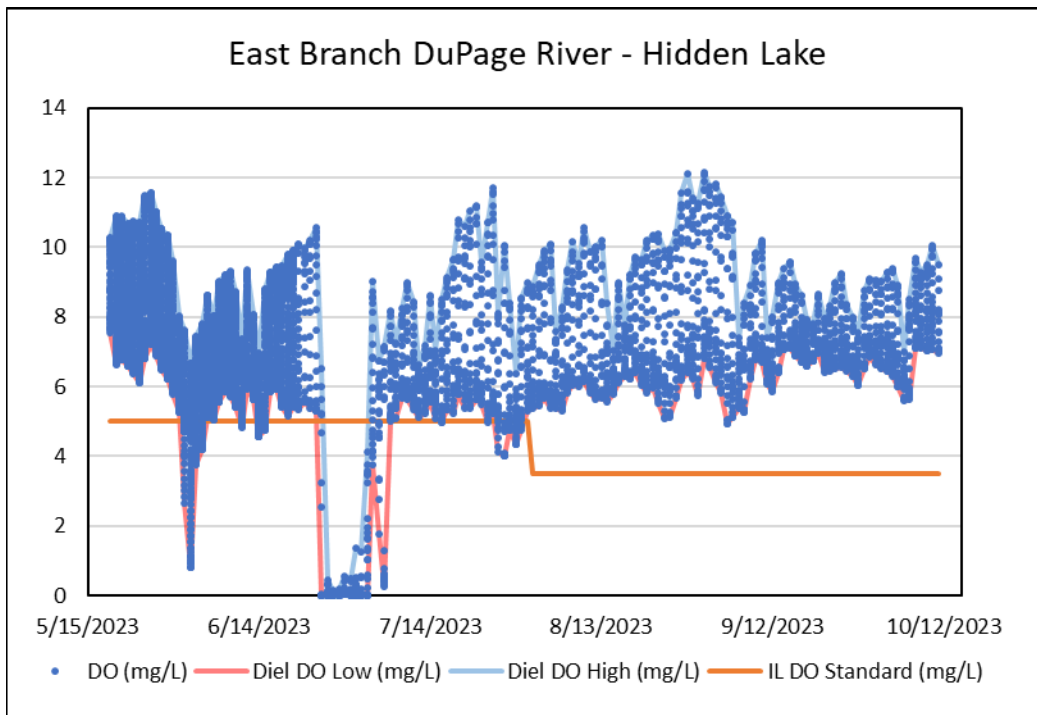




**Figure 18.** 2023 Dissolved Oxygen plot for the East Branch DuPage River at Crescent Boulevard (EBCB)

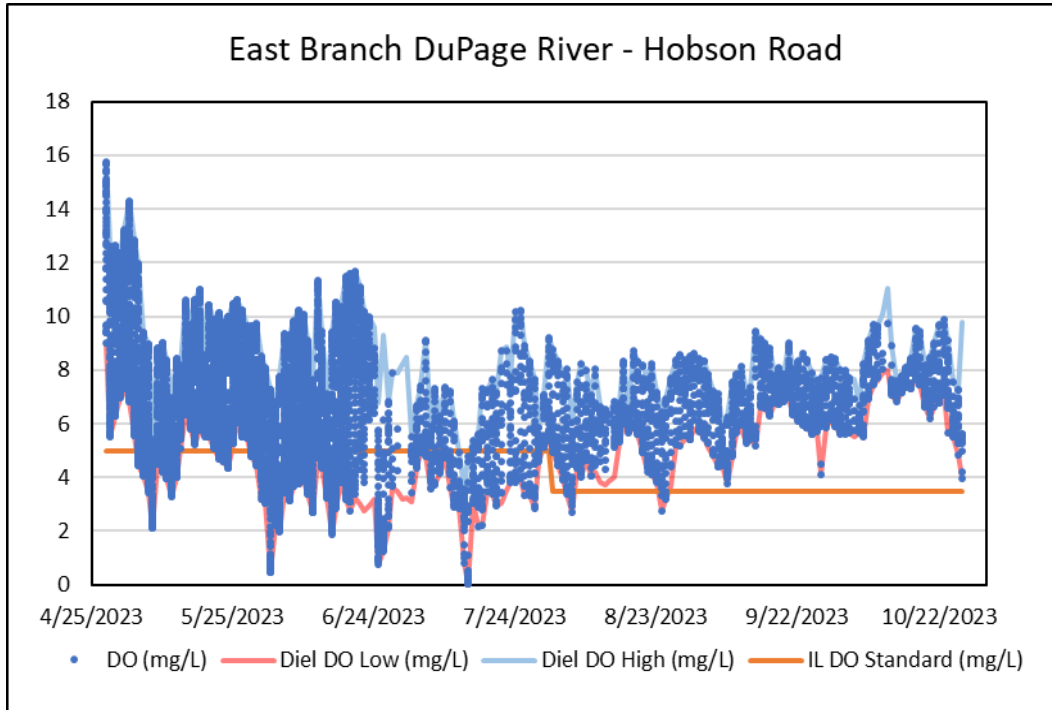


**Figure 19.** 2023 Dissolved Oxygen plot for the East Branch DuPage River at Hidden Lake Preserve (EBHL)

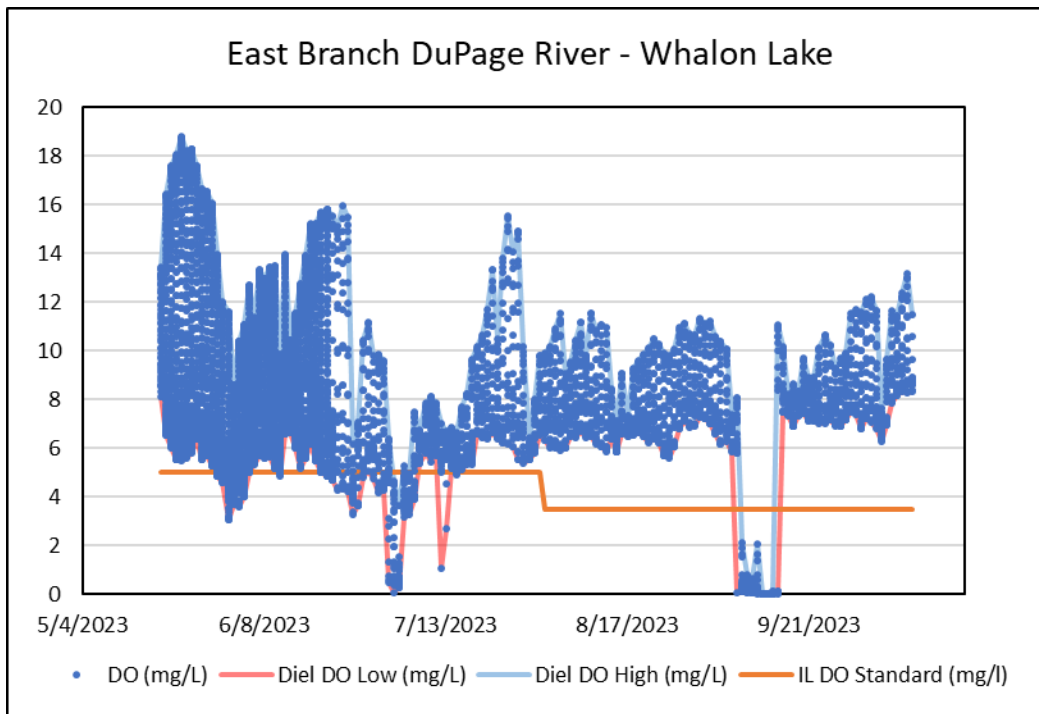




**Figure 20.** 2023 Dissolved Oxygen plot for the East Branch DuPage River at Hobson Road (EBHR)



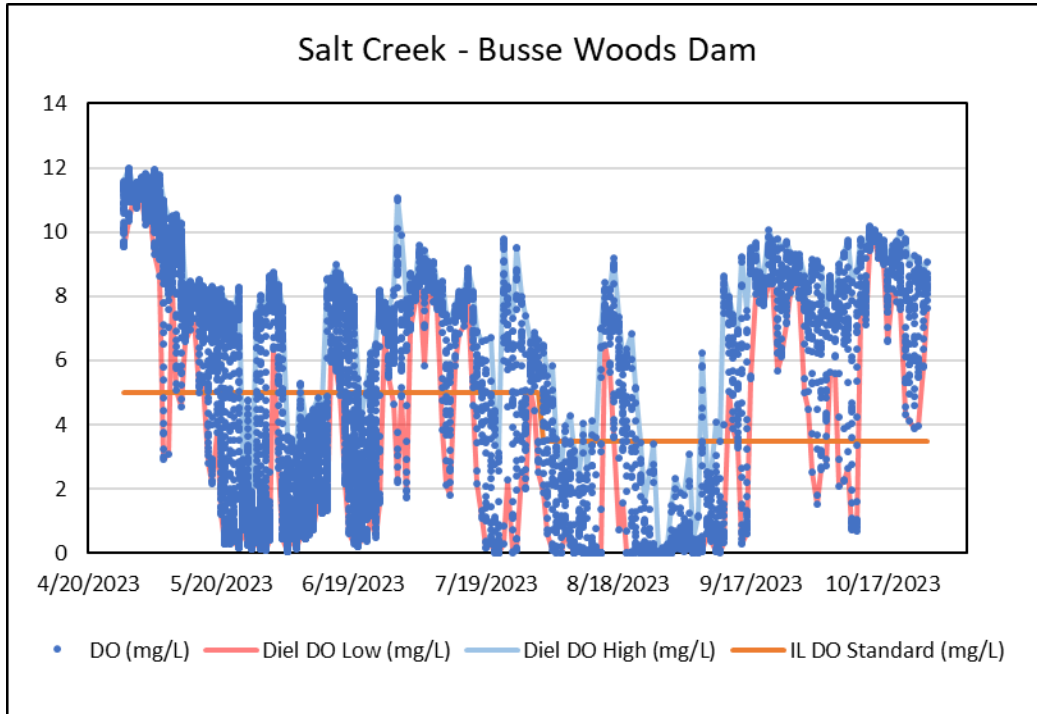
**Figure 21.** 2023 Dissolved Oxygen plot for the East Branch DuPage River at Whalon Lake (EBWL)



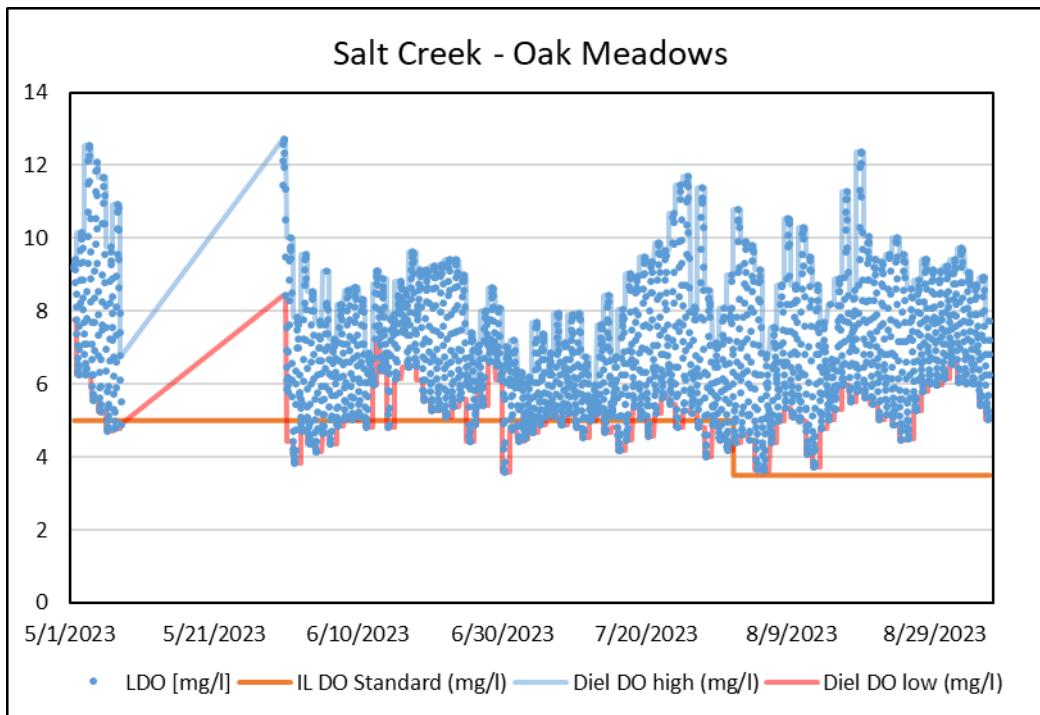




**Figure 22.** 2023 Dissolved Oxygen plot for Salt Creek downstream of Busse Woods Dam (SCBW)



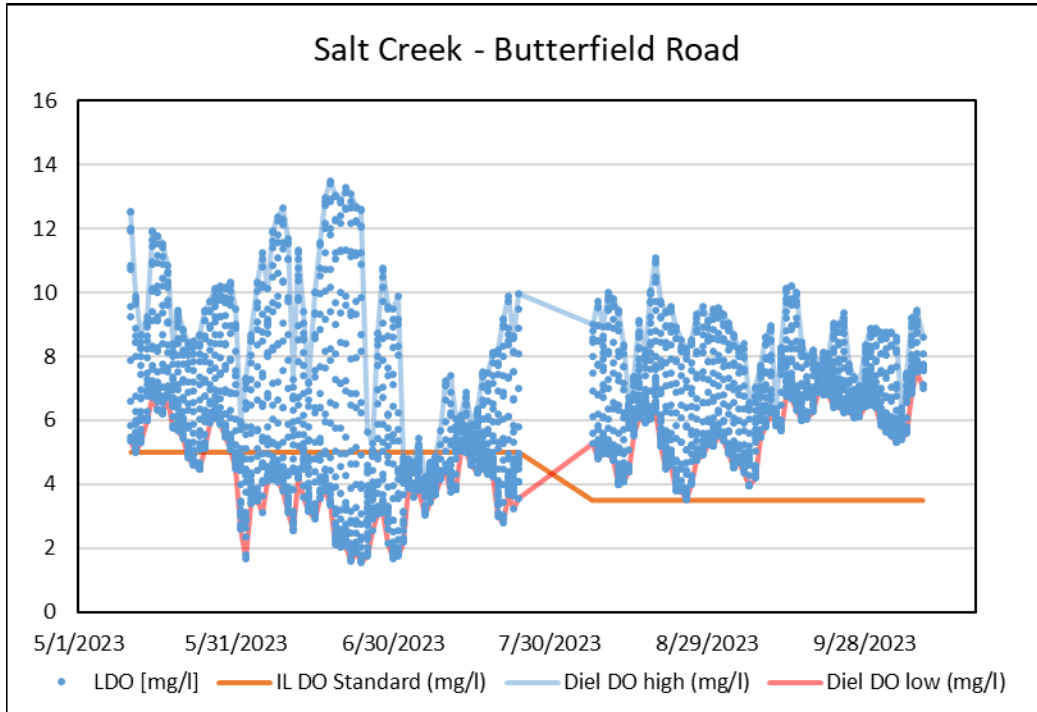
**Figure 23.** 2023 Dissolved Oxygen plot for Salt Creek upstream of former Oak Meadows Dam (SCOM)



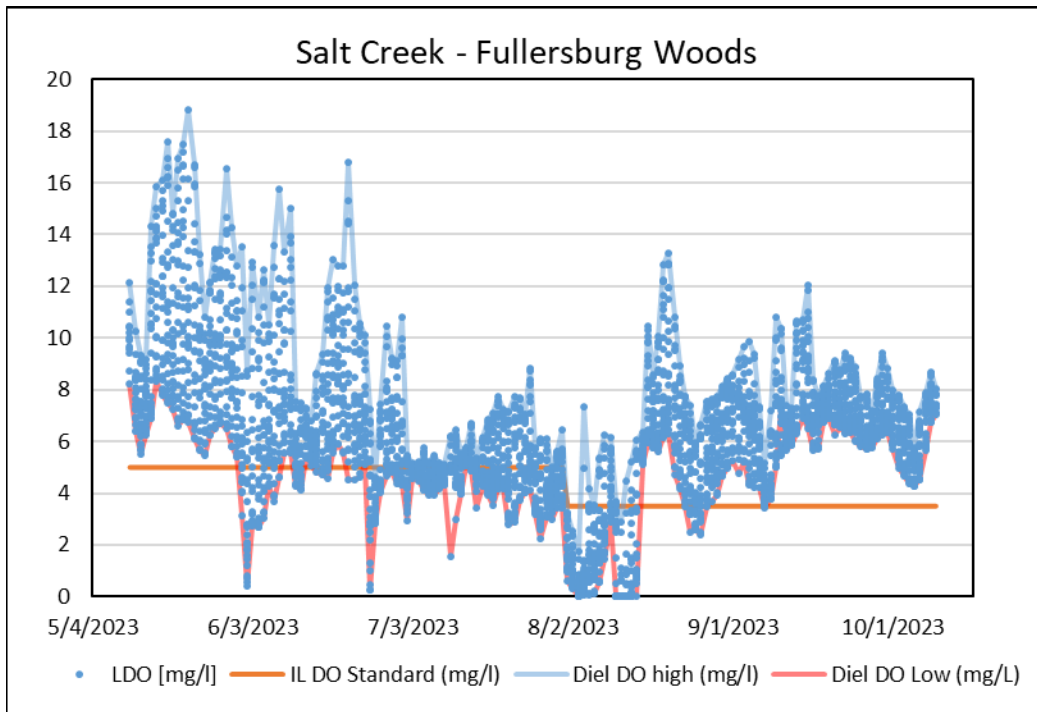




**Figure 24.** 2023 Dissolved Oxygen plot for Salt Creek at Butterfield Road (SCBR)

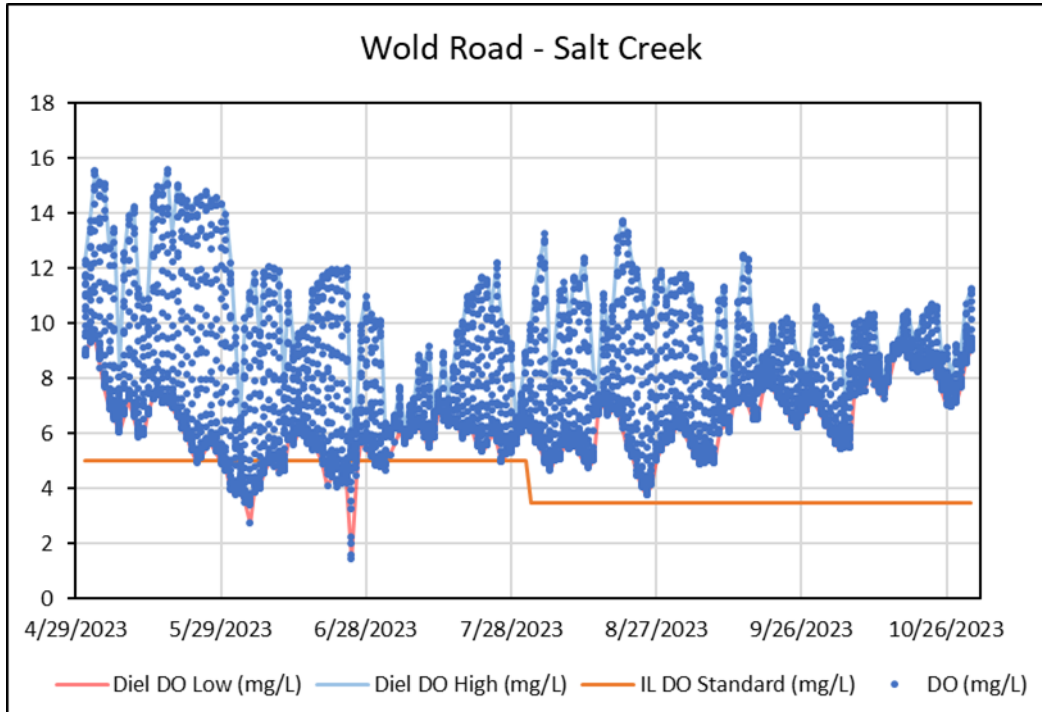


**Figure 25.** 2023 Dissolved Oxygen plot for Salt Creek in the Fullersburg Woods impoundment (SCFW)





**Figure 26.** 2023 Dissolved Oxygen plot for Salt Creek at Wolf Road (SCWR)



**EXPANDED DO MONITORING**

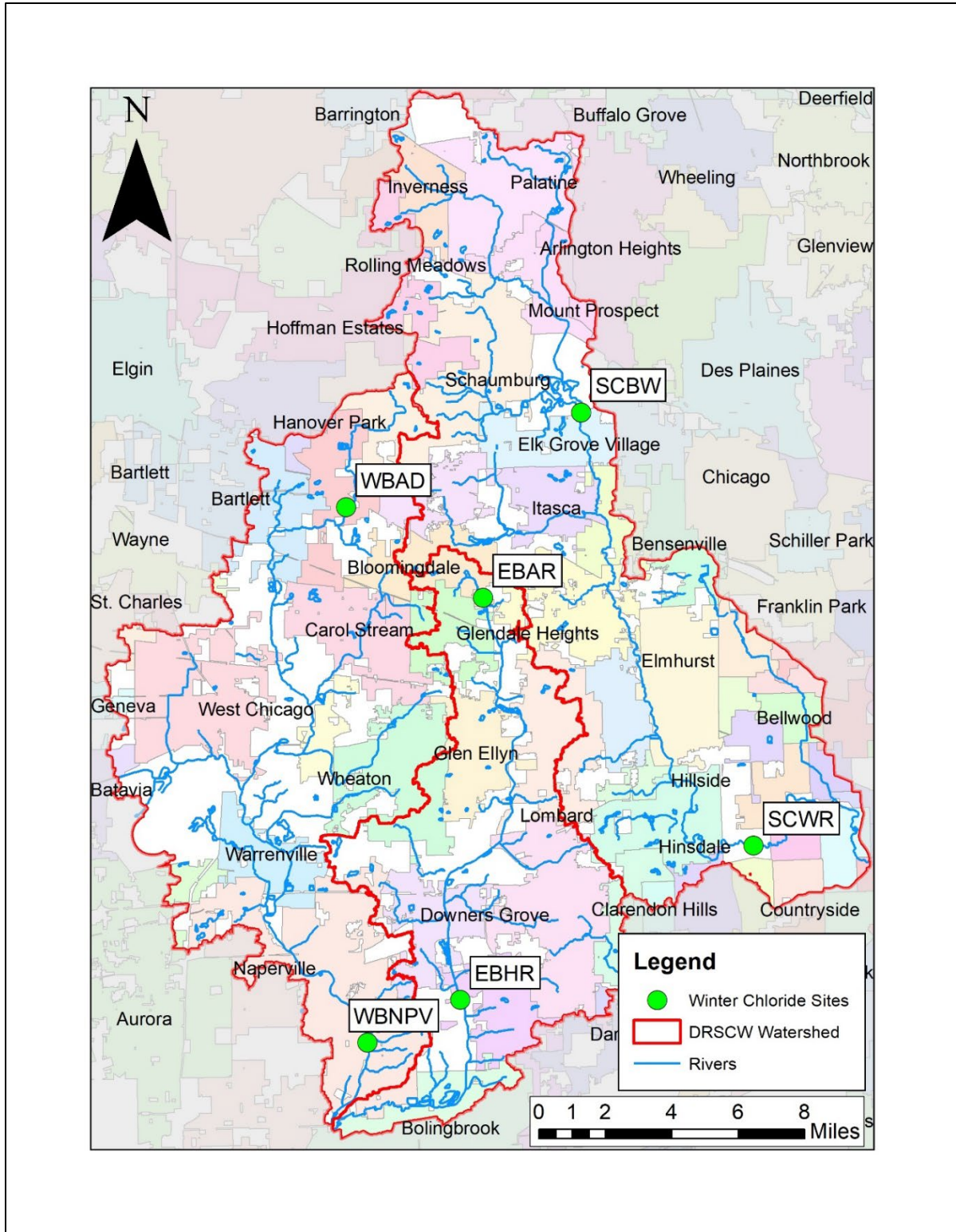
In 2019, the DRSCW began their expanded DO Monitoring Program as a means to collect additional data to support the calibration/validation of the QUAL2Kw models and to support the development of the Nutrient Implementation Plan (NIP). This program is coordinated with the Bioassessment Program (see Table 10 for schedule). Expanded DO sampling was conducted as part of the bioassessment in the East Branch DuPage River watershed in 2023.

**Table 10.** Schedule for Expanded DO Monitoring

Basin	Year of Expanded DO Monitoring Completed	Year of Expanded DO Monitoring Scheduled
East Branch DuPage River	2019, 2023	2029
West Branch DuPage River	2020	2025
Salt Creek	2021	2027



DuPage River Salt Creek Workgroup

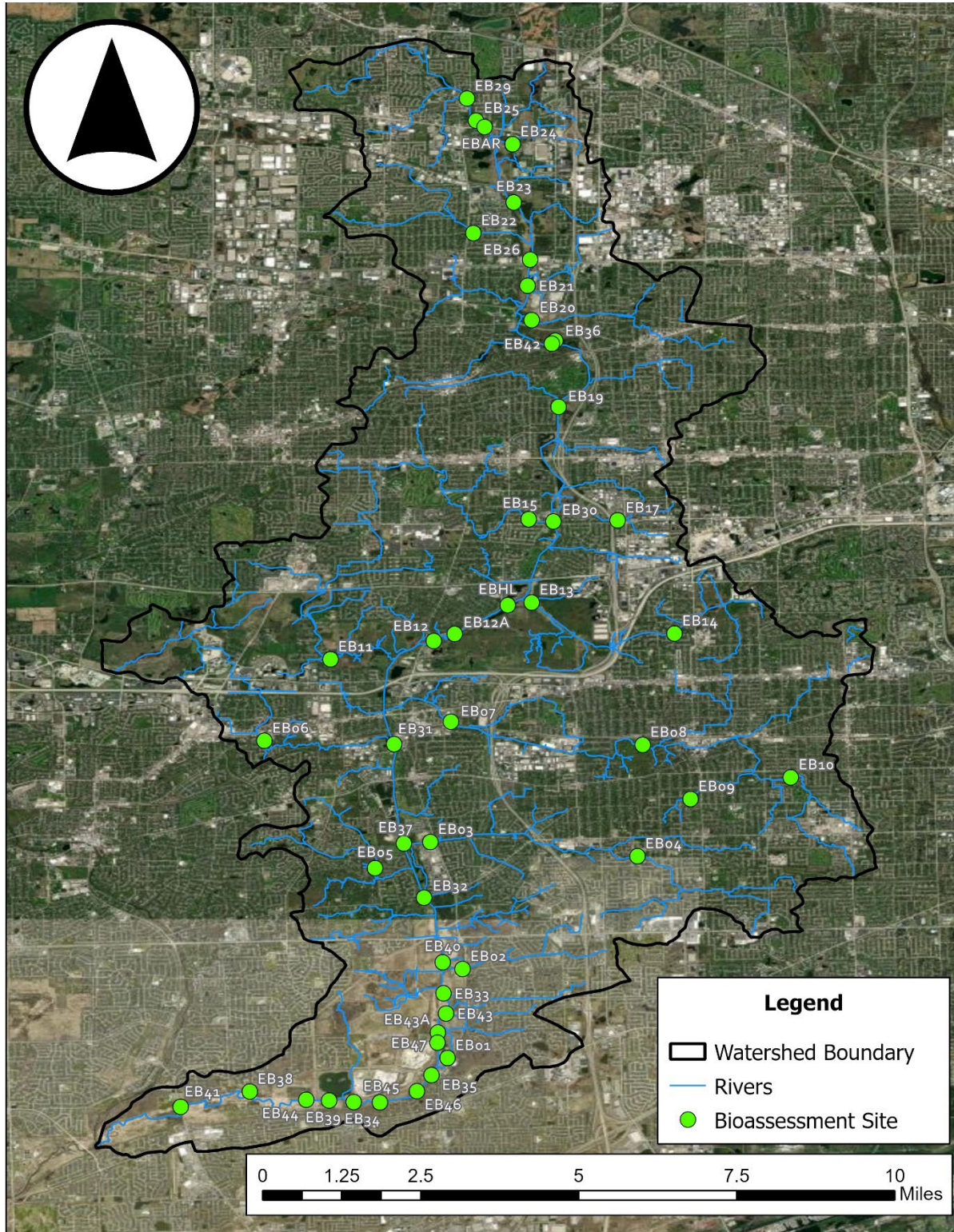


Map 1. Ambient chloride monitoring sites in the DRSCW watershed (2023)





## DuPage River Salt Creek Workgroup

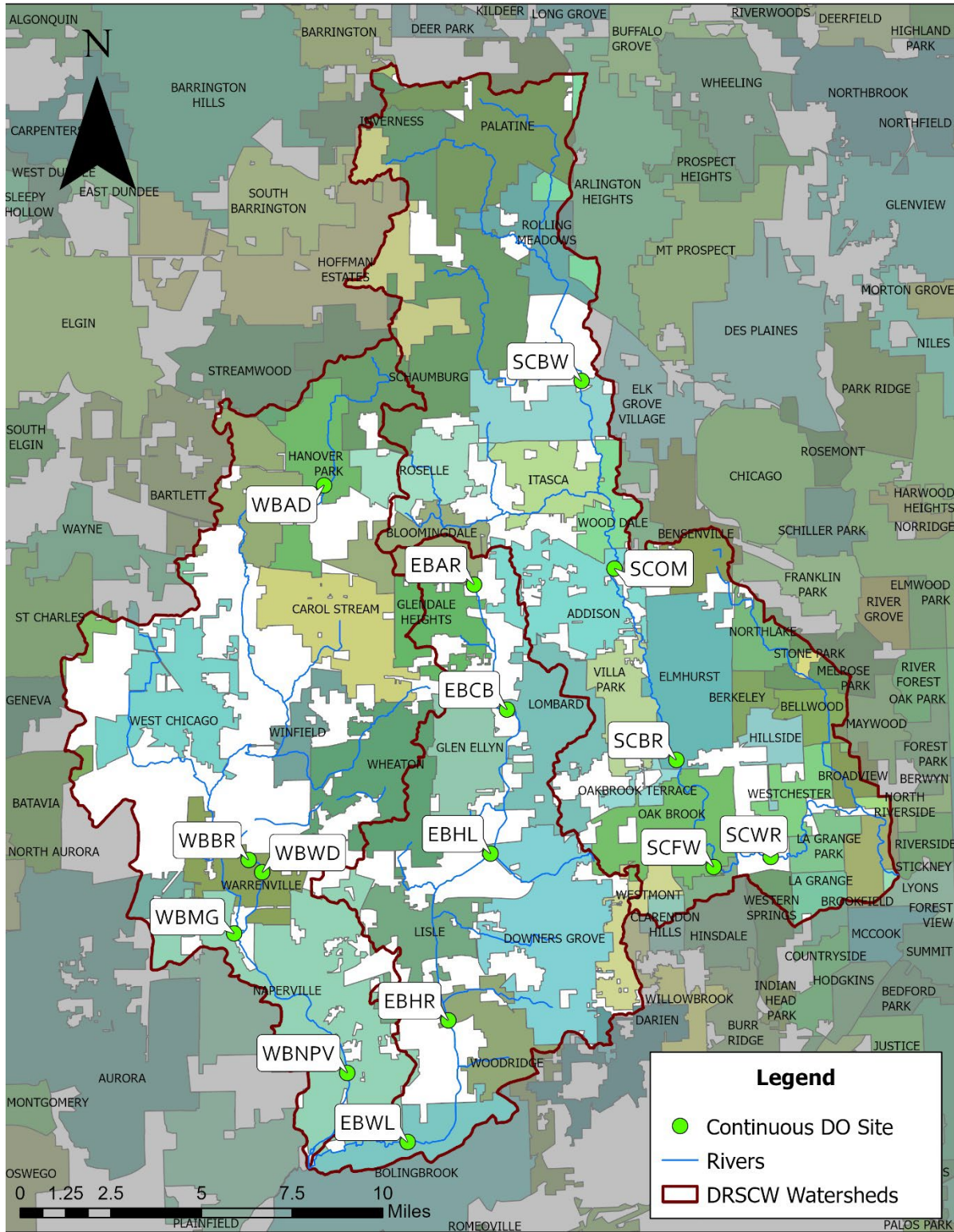


**Map 2.** Bioassessment sites in the East Branch Bioassessment (2023)





### DuPage River Salt Creek Workgroup



Map 3. Continuous DO monitoring sites in the DRSCW watersheds (2023)



**DuPage River Salt Creek Workgroup**

## **Attachment 1**

2023 Public Roads Deicing Workshop  
Attendees List

**2023 Public Roads Deicing Workshops (organized by county)**

<b>Date</b>	<b>Deicing Workshop</b>	<b>Agency</b>	<b>County</b>
October 4, 2023	Public Roads	Cook County DOT	Cook
October 10, 2023	Public Roads	Cook County DOT	Cook
September 26, 2023	Public Roads	Dutch Valley Landscape Contractors	Cook
October 10, 2023	Public Roads	Village of Flossmoor	Cook
October 4, 2023	Public Roads	City of Hickory Hills	Cook
October 10, 2023	Public Roads	Village of Homewood	Cook
September 26, 2023	Public Roads	IDOT	Cook
October 4, 2023	Public Roads	IDOT	Cook
October 10, 2023	Public Roads	IDOT	Cook
October 4, 2023	Public Roads	Village of Midlothian	Cook
September 26, 2023	Public Roads	Village of Midlothian	Cook
October 10, 2023	Public Roads	Metropolitan Water Reclamation District of Greater Chicago	Cook
October 4, 2023	Public Roads	Metropolitan Water Reclamation District of Greater Chicago	Cook
September 26, 2023	Public Roads	Metropolitan Water Reclamation District of Greater Chicago	Cook
October 10, 2023	Public Roads	City of Oak Forest	Cook
October 10, 2023	Public Roads	Village of Orland Park	Cook
October 4, 2023	Public Roads	Village of Orland Park	Cook
October 4, 2023	Public Roads	Palatine Township	Cook
September 26, 2023	Public Roads	City of Palos Heights	Cook
September 26, 2023	Public Roads	Village of Park Forest	Cook
October 10, 2023	Public Roads	Village of Park Forest	Cook
October 10, 2023	Public Roads	City of Prospect Heights	Cook
October 10, 2023	Public Roads	Village of Richton Park	Cook
October 4, 2023	Public Roads	Village of Richton Park	Cook
October 10, 2023	Public Roads	Village of Riverside	Cook
October 4, 2023	Public Roads	Village of Skokie	Cook
September 26, 2023	Public Roads	Village of South Holland	Cook
October 4, 2023	Public Roads	Village of Streamwood	Cook
October 10, 2023	Public Roads	Village of Tinley Park	Cook
October 4, 2023	Public Roads	Village of Tinley Park	Cook
September 26, 2023	Public Roads	Village of Tinley Park	Cook
September 26, 2023	Public Roads	Village of Western Springs	Cook
September 26, 2023	Public Roads	Village of Wilmette	Cook
October 4, 2023	Public Roads	City of Hanover Park	Cook/DuPage
October 10, 2023	Public Roads	Village of Roselle	Cook/DuPage
October 4, 2023	Public Roads	Addison Township	DuPage
September 26, 2023	Public Roads	Village of Addison	DuPage
October 10, 2023	Public Roads	Village of Bloomingdale	DuPage
October 4, 2023	Public Roads	Bloomington Township	DuPage
October 10, 2023	Public Roads	Village of Burr Ridge	DuPage
September 26, 2023	Public Roads	DuPage DOT	DuPage
October 4, 2023	Public Roads	DuPage DOT	DuPage
October 10, 2023	Public Roads	DuPage Stormwater Mgmt.	DuPage
October 10, 2023	Public Roads	Village of Glen Ellyn	DuPage
October 4, 2023	Public Roads	Village of Glen Ellyn	DuPage
October 4, 2023	Public Roads	Village of Glendale Heights	DuPage
October 10, 2023	Public Roads	Village of Glendale Heights	DuPage
September 26, 2023	Public Roads	Milton Township Highway Dept.	DuPage
October 10, 2023	Public Roads	Lisle Township	DuPage
September 26, 2023	Public Roads	Village of Oak Brook	DuPage
October 10, 2023	Public Roads	Downers Grove Township	DuPage
October 4, 2023	Public Roads	City of Warrenville	DuPage
September 26, 2023	Public Roads	City of Warrenville	DuPage
September 26, 2023	Public Roads	Wayne Township	DuPage
September 26, 2023	Public Roads	City of West Chicago	DuPage
October 4, 2023	Public Roads	City of West Chicago	DuPage
October 10, 2023	Public Roads	City of West Chicago	DuPage
October 10, 2023	Public Roads	Village of Westmont	DuPage
October 10, 2023	Public Roads	Winfield Township	DuPage
September 26, 2023	Public Roads	York Township Highway Dept.	DuPage
October 4, 2023	Public Roads	City of Avon	Fulton
September 26, 2023	Public Roads	Dundee Road District	Kane
October 10, 2023	Public Roads	City of Gilberts	Kane
October 4, 2023	Public Roads	Kane County	Kane
October 4, 2023	Public Roads	Village of Algonquin	Kane/McHenry
October 4, 2023	Public Roads	Village of Antioch	Lake
October 4, 2023	Public Roads	City of Beach Park	Lake
October 4, 2023	Public Roads	Cuba Roads Township	Lake

<b>Date</b>	<b>Deicing Workshop</b>	<b>Agency</b>	<b>County</b>
October 10, 2023	Public Roads	Ela Township	Lake
October 4, 2023	Public Roads	Fremont Township	Lake
October 10, 2023	Public Roads	Village of Gurnee	Lake
October 4, 2023	Public Roads	Village of Hawthorn Woods	Lake
October 4, 2023	Public Roads	Village of Libertyville	Lake
September 26, 2023	Public Roads	Village of Lincolnshire	Lake
October 4, 2023	Public Roads	Village of Lindenhurst	Lake
September 26, 2023	Public Roads	Village of Lindenhurst	Lake
October 10, 2023	Public Roads	Village of Mundelein	Lake
September 26, 2023	Public Roads	City of North Chicago	Lake
October 10, 2023	Public Roads	Village of Round Lake Beach	Lake
October 4, 2023	Public Roads	Village of Round Lake Beach	Lake
October 4, 2023	Public Roads	Village of Vernon Hills	Lake
October 4, 2023	Public Roads	Village of Wadsworth	Lake
October 10, 2023	Public Roads	Village of Spring Grove	McHenry
October 10, 2023	Public Roads	Village of Bolingbrook	Will
September 26, 2023	Public Roads	Village of Channahon	Will
September 26, 2023	Public Roads	City of Crest Hill	Will
October 4, 2023	Public Roads	Village of Frankfort	Will
September 26, 2023	Public Roads	Village of Homer Glen	Will
October 10, 2023	Public Roads	City of Joliet	Will
October 4, 2023	Public Roads	City of Lockport	Will
October 10, 2023	Public Roads	Village of Manhattan	Will
October 10, 2023	Public Roads	Village of Mokena	Will
October 10, 2023	Public Roads	Village of New Lenox	Will
October 4, 2023	Public Roads	Plainfield Township	Will
October 4, 2023	Public Roads	Village of Romeoville	Will
October 10, 2023	Public Roads	Village of Romeoville	Will
September 26, 2023	Public Roads	Village of Shorewood	Will





**DuPage River Salt Creek Workgroup**

## **Attachment 2**

2023 Parking Lots & Sidewalks  
Deicing Workshop Attendees List

**2023 Parking Lots & Sidewalks Deicing Workshops (organized by county)**

<b>Date</b>	<b>Workshop</b>	<b>Agency</b>	<b>County</b>
October 17, 2023	Parking Lots & Sidewalks	Village of Arlington Heights	Cook
October 17, 2023	Parking Lots & Sidewalks	Dutch Valley Landscape Contractor	Cook
October 17, 2023	Parking Lots & Sidewalks	IMTT	Cook
October 17, 2023	Parking Lots & Sidewalks	Metropolitan Water Reclamation District of Greater Chicago	Cook
October 3, 2023	Parking Lots & Sidewalks	Metropolitan Water Reclamation District of Greater Chicago	Cook
October 3, 2023	Parking Lots & Sidewalks	Village of Oak Park	Cook
October 17, 2023	Parking Lots & Sidewalks	Village of Orland Park	Cook
October 17, 2023	Parking Lots & Sidewalks	City of Prospect Heights	Cook
October 17, 2023	Parking Lots & Sidewalks	Richton Park Public Works	Cook
October 17, 2023	Parking Lots & Sidewalks	Village of Riverside	Cook
October 17, 2023	Parking Lots & Sidewalks	Skokie Park District Park Services	Cook
October 17, 2023	Parking Lots & Sidewalks	Village of Tinley Park	Cook
October 17, 2023	Parking Lots & Sidewalks	Village of Western Springs	Cook
October 3, 2023	Parking Lots & Sidewalks	Village of Park Forest	Cook/Will
October 3, 2023	Parking Lots & Sidewalks	Addison School District 4	DuPage
October 17, 2023	Parking Lots & Sidewalks	DuPage Stormwater Mgmt.	DuPage
October 17, 2023	Parking Lots & Sidewalks	DuPage High School District 88	DuPage
October 3, 2023	Parking Lots & Sidewalks	Elmhurst Park District	DuPage
October 17, 2023	Parking Lots & Sidewalks	Naperville Park District	DuPage
October 3, 2023	Parking Lots & Sidewalks	Village of Westmont	DuPage
October 17, 2023	Parking Lots & Sidewalks	Wheaton Park District	DuPage
October 3, 2023	Parking Lots & Sidewalks	Wheaton Park District	DuPage
October 17, 2023	Parking Lots & Sidewalks	Naperville Park District	DuPage/Will
October 17, 2023	Parking Lots & Sidewalks	Forest Preserve District of Kane County	Kane
October 17, 2023	Parking Lots & Sidewalks	Village of South Elgin	Kane
October 3, 2023	Parking Lots & Sidewalks	Village of Antioch	Lake
October 3, 2023	Parking Lots & Sidewalks	Hawthorn Woods Public Works	Lake
October 3, 2023	Parking Lots & Sidewalks	Village of Hawthorn Woods	Lake
October 17, 2023	Parking Lots & Sidewalks	Lake County Stormwater Mgmt. Commission	Lake
October 17, 2023	Parking Lots & Sidewalks	Lake County Facilities	Lake
October 3, 2023	Parking Lots & Sidewalks	Lake County Forest Preserve	Lake
October 3, 2023	Parking Lots & Sidewalks	Lake County Health Department	Lake
October 3, 2023	Parking Lots & Sidewalks	Lake County Public works	Lake
October 3, 2023	Parking Lots & Sidewalks	Libertyville High School	Lake
October 3, 2023	Parking Lots & Sidewalks	North Shore Water Reclamation District	Lake
October 17, 2023	Parking Lots & Sidewalks	Vernon Hills Park District	Lake
October 17, 2023	Parking Lots & Sidewalks	Village of Vernon Hills	Lake
October 3, 2023	Parking Lots & Sidewalks	Exxon Mobil	Will
October 3, 2023	Parking Lots & Sidewalks	Village of Frankfort	Will
October 17, 2023	Parking Lots & Sidewalks	Heartland Green Industries	Will
October 17, 2023	Parking Lots & Sidewalks	Joliet Junior College	Will
October 3, 2023	Parking Lots & Sidewalks	City of Lockport	Will

<b>Date</b>	<b>Workshop</b>	<b>Agency</b>	<b>County</b>
October 17, 2023	Parking Lots & Sidewalks	Village of New Lenox	Will
October 17, 2023	Parking Lots & Sidewalks	Romeoville Public Works	Will
October 17, 2023	Parking Lots & Sidewalks	Shorewood Public Works	Will
October 17, 2023	Parking Lots & Sidewalks	Village of Shorewood	Will



**Attachment 3**

2023 Northeast Illinois Salt  
Conference Attendees List

<b>Agency</b>	<b>County</b>
Bremen Township	Cook
City of Evanston	Cook
Village of Flossmoor	Cook
City of Homewood	Cook
Village of Midlothian	Cook
Metropolitan Water Reclamation District of Greater Chicago	Cook
City of Northlake	Cook
Village of Orland Park	Cook
City of Palos Heights	Cook
Village of Skokie	Cook
Village of Addison	DuPage
Village of Bensenville	DuPage
Village of Carol Stream	DuPage
DuPage Forest Preserve District	DuPage
City of Elmhurst	DuPage
Village of Glen Ellyn	DuPage
Village of Lombard	DuPage
Village of Oak Brook	DuPage
City of Warrenville	DuPage
Village of Westmont	DuPage
Village of Woodridge	DuPage
Village of Frankfort	Will
Plainfield Township	Will
Robinson Engineering	Will
Village of Shorewood	Will



## **Village of Hoffman Estates**

### **STORMWATER MANAGEMENT PLAN**

The Village of Hoffman Estates has a General NPDES Permit No. ILR40 from the Illinois Environmental Protection Agency (IEPA) for discharges from its Municipal Separate Storm Sewer System (MS4). The General Permit requires the Village to develop, implement, and enforce a stormwater management program designed to protect water quality and prevent and reduce pollution from its storm sewer system to the maximum extent practicable.

To comply with ILR40 Permit requirements, the Village's Stormwater Management Plan, along with the Notice of Intent (NOI) and Annual Facilities Reports are designed to provide the IEPA and the residents of Hoffman Estates with an understanding of the measures the Village employs to ensure public health and safety by reducing pollution into the receiving waters.

This is achieved through the implementation of the following six minimum control measures and related best management practices (BMPs) for each.

#### **1. Public Education and Outreach**

The Village of Hoffman Estates publishes stormwater pollution prevention articles in its Village-wide newsletter that is distributed to residents and businesses and posted on the Village website. The articles provide information on residential and commercial waste and recycling management opportunities, including ink and toner cartridge recycling, prescription drug disposal, electronics recycling, household chemical waste collection, holiday string lights collection, CFL and fluorescent light bulbs disposal, small battery collection, yard waste collection and hazardous waste disposal. The Village Sustainability Commission sponsors a Village Improvement Day annually with the assistance of Public Works. The event emphasizes clean-up in areas to decrease the amount of wastes in the environment that may enter the waterway and storm sewer system. Information on stormwater pollution prevention is provided to accentuate the event activities.

#### **2. Public Participation / Involvement**

The Storm Water Management Committee, which consists of residents and elected officials, will meet annually to discuss the NOI, MS4 annual inspection report, the Village's Storm Water Management Plan and stormwater related activities and projects. The Village informs residents and businesses of the existence of a contact number to report stormwater related issues in the Village newsletter, on its website, and through a water bill insert.

### **3. Illicit Discharge Detection and Elimination**

The Village of Hoffman Estates has a GIS-based storm sewer map for the entire storm sewer system, including the location of all known outfalls and receiving waters into which the Village's separate storm sewer system discharges. The Village Code prohibits non-stormwater discharges into the storm sewer system and includes enforcement and penalties for violations. The Village has developed a program for the detection and elimination of illicit discharges by systematically inspecting and monitoring outfalls and discharges into the storm sewer system. The Village informs residents and businesses of the existence of a contact number to report stormwater related issues in the Village newsletter, on its website, and through a water bill insert. When replacing or installing new frames and grates for storm sewer structures, messages are engraved in the frames indicating "Dump No Waste, Drains to Waterways".

### **4. Construction Site Runoff Control**

The Village Code and Engineering Development Standards Manual act together as the regulatory mechanism used to require erosion and sediment control BMPs on construction sites. The Village reviews proposed site plans prior to issuing permits for development. Ongoing (private and Village public) projects are inspected regularly by the Engineering Division for 100% compliance and maintenance of all BMPs. The Village Code includes sanctions to ensure compliance. Inspections are also performed in response to inquiries by the public. Insufficient erosion control measures are addressed promptly.

### **5. Post-Construction Runoff Control**

The Village Code and Engineering Development Standards Manual act together as the regulatory mechanism used to address post-construction runoff from new and redevelopment projects. The Village reviews proposed site plans prior to issuing permits for development. Ongoing and completed (private and Village public) projects are inspected regularly by the Engineering Division for 100% compliance and maintenance of all BMPs. Inspections are also performed in response to complaints by the public. All stormwater storage facilities constructed as part of a private development remain under private ownership and are maintained by the owner.

### **6. Pollution Prevention / Good Housekeeping**

The Village regularly trains employees in ways to prevent or reduce stormwater pollution from municipal activities and to detect and eliminate illicit discharges. The Village currently conducts a regular storm sewer inspection and maintenance program designed to reduce pollutant runoff from municipal operations. The program includes the following components: regular inspection, cleaning and maintenance of inlets and catch basins and as needed storm sewer cleaning and repair. The Village currently maintains and inspects all publicly-owned detention ponds, outfall structures, Village maintained waterways, storm sewers and catch basins. The Village has an existing program for street sweeping. The Village offers curbside yard waste and leaf collection weekly from April through the end of November.

Helpful definitions of documents mentioned and Village of Hoffman Estates link regarding stormwater management:

Notice of Intent – The term of the Village’s General Permit from the IEPA is five years. At the end of each permit term, the Village submits a Notice of Intent (NOI) to comply with the conditions of the General Permit to the IEPA. This NOI describes the practices the Village intends to implement in order to meet the conditions of the General Permit.

Annual Report – Each year the Village submits a report to the IEPA documenting its status of compliance with the conditions of the General Permit.

General NPDES Permit No. ILR40 – Issued from the Illinois Environmental Protection Agency (IEPA) for discharges from its Municipal Separate Storm Sewer System (MS4). The General Permit requires the Village to develop, implement, and enforce a stormwater management program designed to protect water quality and prevent and reduce pollution from its storm sewer system to the maximum extent practicable.

Stormwater Management Plan – This document describes the pollution prevention practices that comprises the Village’s stormwater management program.

All documents mentioned above are posted on the Village website at:

<https://www.hoffmanestates.org/government/development-services/stormwater-floodplain-management>

August 2016





**AGENDA ITEM REPORT**  
Public Works & Utilities Committee  
August 19, 2024  
ITEM 4B

**REQUEST:** Authorization to award contract to Core and Main LP, Aurora, IL for Mueller fire hydrant purchase in an amount not to exceed \$95,270.  
**FROM:** Ryan Christensen, Water & Sewer Superintendent  
**ITEM TYPE:** Contract - Committee

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**REQUEST SUMMARY**

The Village purchases hydrants annually to prepare for necessary replacements due to inoperability or malfunction, vehicle accidents, or in an effort to replace hydrants that are obsolete with repair parts that are difficult to find. The Village has over 3,200 hydrants in service, 90% of which were manufactured by Mueller.

In late July 2024, this bid opportunity was advertised and two bids for the purchase of 17 hydrants were received:

VENDOR NAME	BID AMOUNT
Ziebell Water Service Products, Inc.	\$89,450
Core and Main LP	\$80,950

These bids represented a moderate increase in unit prices from 2023. Ziebell and Core and Main have both previously been the providers of fire hydrants to the Village. When bidding, the village used a theoretical quantity of hydrants to receive a unit price. Actual quantities purchased can vary on need or approved budget amounts.

**FINANCIAL IMPACT**

There is a total of \$95,500 in the 2024 Water Capital Improvements Program for the purchase of hydrants. Staff recommends purchasing the 17 hydrants included in the bid packet and 3 additional hydrants based on bid pricing.

**RECOMMENDATION**

Authorization to award contract to Core and Main LP, Aurora, IL for Mueller fire hydrant purchase in an amount not to exceed \$95,270.

**ATTACHMENTS**

1. Core and Main Contract
2. Core and Main 2024 FH Purchase Bid



**HOFFMAN ESTATES**  
DEPARTMENT OF PUBLIC WORKS

**Contract**

1. THIS AGREEMENT, made and concluded the 8<sup>th</sup> day of August 2024 Month and Year  
between the Village of Hoffman Estates  
acting by and through its Mayor and Board of Trustees known as the party of the first part, and  
Core + Main LP his/their executors, administrators, successors or assigns,  
known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Bid Documents hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Village Representative under it.

3. The party of the second part agrees to abide by all OSHA, IDOL and MUTCD safety requirements and all laws and statutes of the State of Illinois including but not limited to the Prevailing Wage Act (if applicable). Prevailing rates of wages are revised by the Illinois Department of Labor and are available on the Department's official website.

4. And it is also understood and agreed that the Instructions to Bidders, General Conditions, Specifications, Scope of Services, Special Provisions, Site Maps and Contract Proposal hereto attached, and the Plans for Section 2024 Fire Hydrant Purchase in Hoffman Estates, approved by the Village of Hoffman Estates in the State of Illinois August 8, 2024 Date, are essential documents of this contract and are a part hereof.

5. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: \_\_\_\_\_ The Village of Hoffman Estates  
\_\_\_\_\_  
Clerk By \_\_\_\_\_  
Party of the First Part

(Seal) \_\_\_\_\_  
(If a Corporation)

Corporate Name Core + Main LP

By Nick Hamilton \_\_\_\_\_  
President Party of the Second Part

*Authorized Representative* \_\_\_\_\_  
(If a Co-Partnership)

Attest: \_\_\_\_\_  
Secretary

Partners doing Business under the firm name of

\_\_\_\_\_  
Party of the Second Part

(If an individual)

\_\_\_\_\_  
Party of the Second Part

CM



**VILLAGE OF HOFFMAN ESTATES**  
**Department of Public Works**

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**BID DOCUMENTS**

**2024 FIRE HYDRANT PURCHASE**

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**BID OPENING DATE:** August 7, 2024  
**BID OPENING TIME:** 10:00 a.m.  
**BID DEPOSIT:** Bid bond for 5% of the total bid amount

*PREPARED BY*  
*Village of Hoffman Estates*  
*Department of Public Works*  
*2305 Pembroke Avenue, Hoffman Estates IL. 60169*  
*847.490.6800*

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# HOFFMAN ESTATES

DEPARTMENT OF PUBLIC WORKS

Prospective Bidder,

The Village of Hoffman Estates is now soliciting bids for the purchase of fire hydrants in 2024. On behalf of our residents, I appreciate your interest in participating in the bid process. I call your special attention to the Instructions to Bidders section of the attached bid documents. Please be sure that you read thoroughly and fully understand these instructions prior to the preparation of your bid. Note that instructions call for no deviation from the bid specifications except for those deviations which are listed as such on the vendor's bid detail sheet and which are expressly approved as part of the Village's acceptance of the bid.

All of the equipment described in the bid notice and specified herewith must meet the performance required for heavy duty municipal, utility, or construction type usage. Unless denoted "No Substitution", the Village minimum required specifications may be exceeded. This is an attempt to insure the non-exclusion of any manufacturer's product from the bidding effort. Remember, however, to list all deviations and provide a description of the upgraded item in the proper space provided. Minimum specification requirements must be met or exceeded.

**Please note the following are required (also see special provisions):**

- a) A bid bond for 5% of the total bid amount.

The Village reserves the right to reject and/or award any and all bids or parts thereof and to waive formalities and technicalities according to the best interests of the Village.

If you have any questions with regards to these bid documents, please contact Tyler Wintz, Water Construction Supervisor, at [Tyler.Wintz@vohe.org](mailto:Tyler.Wintz@vohe.org) or 847.490.6800.

Sincerely,

Joseph Nebel  
Director of Public Works

VILLAGE OF HOFFMAN ESTATES  
NOTICE TO BID

The Village of Hoffman Estates Department of Public Works is soliciting bids, as described in these documents, for:

**2024 FIRE HYDRANT PURCHASE**

Sealed bids will be received at the Office of the Village Clerk of the Village of Hoffman Estates (1900 Hassell Road) Cook County, Illinois, until **August 7, 2024 at 10:00 AM**. All bids will be publicly opened immediately thereafter.

It is the responsibility of the bidder to meet the specified opening time; and any bid not so received will be returned unopened. Bids must be identified as such on the outside of the sealed envelope. This can be done by marking the envelope "SEALED BID" and with the following information:

Company's Name  
Company Address  
Name of Bid ("2024 FIRE HYDRANT PURCHASE")  
Date and Time of Bid Opening

Specifications and complete bid documents may be obtained from the Office of the Village Clerk. Further information regarding this bid may be obtained by contacting Tyler Wintz, Water Construction Supervisor, at [Tyler.Wintz@vohe.org](mailto:Tyler.Wintz@vohe.org) or 847.490.6800.

The Village of Hoffman Estates strongly encourages minority firms and women's business enterprises to apply. If subcontracts are to be let, the primary contractor shall take these same affirmative steps to solicit bids from minority and women's firms.

The Village reserves the right to reject and/or award any and all bids, or parts thereof, and to waive formalities and technicalities according to the best interest of the Village.

By the Order of the Mayor and Board of Trustees of the Village of Hoffman Estates.

\_\_\_\_\_  
July 17, 2024  
DATE

  
Patty Richter, Village Clerk

TO BE PUBLISHED ON July 24, 2024 PADDOCK PUBLICATIONS  
(DATE)

NOTE: THIS FORM MUST BE NOTARIZED

RETURN WITH BID

VILLAGE OF HOFFMAN ESTATES  
BID CERTIFICATE FORM

RE: Certification of bidder, compliance with the Illinois Criminal Code

I/We hereby certify that, Core + Main LP (name of bidding firm) by bidding on this contract, no action has occurred that would result in a violation of 720 ILCS 5/33E, Public Contracts of the Illinois Criminal Code.

Signed: [Signature]

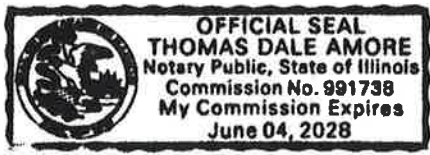
Name/Title: Nick Hamilton Br Manager (please print)

Date: 8/6/2024

Attest: [Signature] (Notary Public)

Commission Expiry: 6-4-28

Date: 8-6-24



\_\_\_\_\_  
(SEAL)

THIS FORM IS MANDATORY. PLEASE INCLUDE THREE COPIES OF THIS FORM WITH YOUR BID DOCUMENTS.

**FIRE HYDRANT PURCHASE  
PROPOSAL FORM**

The undersigned, having examined the specifications, the site of work, and all conditions affecting the cost of performing the work, hereby proposes to furnish all labor, equipment, and material and to perform said work in accordance with the specifications thereof. Product specification sheets, as pertaining to proposed equipment, have been included with this proposal form.

It is understood that the Village reserves the right to reject any and all proposals (including alternate proposals) and to waive any technicalities.

Name of Bid: 2024 Fire hydrant Purchase

Company Name: Core and mair

Bidder Name (print): Jason Kazimier

Title: Inside sales

Business Address: 3415 Ohio Ave  
St. Charles, IL 60174

Email Address: Jason.Kazimier@yahoo.com

Telephone: 630-574-4448

Signature: J Kaz Date: 8/6/24

Hydrant Type	Unit Price	Quantity	Total
5.5 ft bury depth	4,700 <sup>00</sup>	10	47,000 <sup>00</sup>
6.0 ft bury depth	4,810 <sup>00</sup>	5	24,050 <sup>00</sup>
6.5 ft bury depth	4,950 <sup>00</sup>	2	9,900 <sup>00</sup>

Total combined cost (including shipping): 80,950.00

May additional hydrants be purchased at the prices listed above: Y (Y/N)

**INFORMATION ON THIS FORM IS MANDATORY. PLEASE INCLUDE THREE COPIES WITH YOUR BID DOCUMENTS.**



FIRE HYDRANT PURCHASE  
REFERENCES

BIDDER NOTE: List five (5) references where like-services have been performed in comparable scope. Like-services would include other municipalities, park districts, county and state agencies, large companies, etc. References are mandatory.

BUSINESS NAME: Village of Lombard  
ADDRESS: 255 E Wilson Lombard IL  
CONTACT PERSON: Brian Jack  
PHONE NUMBER: 630-620-5740  
APPROXIMATE DATE: \_\_\_\_\_

BUSINESS NAME: Village of Downers Grove  
ADDRESS: 5101 Walnut Ave Downers Grove, IL  
CONTACT PERSON: Jacob Hendrix  
PHONE NUMBER: 630-434-3960  
APPROXIMATE DATE: \_\_\_\_\_

BUSINESS NAME: Village of Clarendon Hills  
ADDRESS: 1W Prospect Ave  
CONTACT PERSON: Joe Ferrel  
PHONE NUMBER: 630-286-4750  
APPROXIMATE DATE: \_\_\_\_\_

BUSINESS NAME: City of Wheaton  
ADDRESS: 210 S. Reber St  
CONTACT PERSON: AL McMillen  
PHONE NUMBER: 630-260-2092  
APPROXIMATE DATE: \_\_\_\_\_

BUSINESS NAME: Village of La Grange Park  
ADDRESS: 937 Barnsdale Road  
CONTACT PERSON: Gary Moore  
PHONE NUMBER: 708-273-3524  
APPROXIMATE DATE: \_\_\_\_\_



**HOFFMAN ESTATES**  
DEPARTMENT OF PUBLIC WORKS

**Contract**

1. THIS AGREEMENT, made and concluded the 8<sup>th</sup> day of August 2024,  
Month and Year  
between the Village of Hoffman Estates  
acting by and through its Mayor and Board of Trustees known as the party of the first part, and  
Core + Main LP his/their executors, administrators, successors or assigns,  
known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Bid Documents hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Village Representative under it.

3. The party of the second part agrees to abide by all OSHA, IDOL and MUTCD safety requirements and all laws and statutes of the State of Illinois including but not limited to the Prevailing Wage Act (if applicable). Prevailing rates of wages are revised by the Illinois Department of Labor and are available on the Department's official website.

4. And it is also understood and agreed that the Instructions to Bidders, General Conditions, Specifications, Scope of Services, Special Provisions, Site Maps and Contract Proposal hereto attached, and the Plans for Section 2024 Fire Hydrant Purchase,  
in Hoffman Estates, approved by the Village of Hoffman Estates in the  
State of Illinois August 8, 2024, are essential documents of this contract and are a part hereof.  
Date

5. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: \_\_\_\_\_ The Village of Hoffman Estates  
Clerk By \_\_\_\_\_  
Party of the First Part

(Seal) \_\_\_\_\_  
(If a Corporation)

Corporate Name Core + Main LP

By Nick Hamilton \_\_\_\_\_  
~~President~~ Party of the Second Part

Authorized Representative \_\_\_\_\_  
(If a Co-Partnership)

Attest: \_\_\_\_\_  
Secretary

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part

## FIRE HYDRANT PURCHASE INSTRUCTIONS TO BIDDERS

The general rules and conditions which follow apply to all bids requested and accepted by the Village of Hoffman Estates unless otherwise specified. Bidders are expected to fully inform themselves as to the conditions, requirements, and specifications prior to submitting bids. Failure to do so will be at the bidder's own risk. By submitting a bid, it is assumed by the Village that the vendor has familiarized themselves with all conditions and intends to comply with them unless otherwise noted.

### FORMS

All bids must be submitted on the forms provided, complete and intact, properly signed in ink in the appropriate spaces, and submitted in a sealed envelope. All bids must be delivered to the Village Clerk, 1900 Hassell Road, Hoffman Estates, IL. 60169 prior to the bid opening date and time published on the cover of this bid packet. Bidders should reference the Notice to Bid for instructions on preparing their bid proposal.

### ALTERNATE/MULTIPLE BIDS

The specifications contained within this bid packet are not intended to eliminate or exclude any bidder due to minor deviations, alternates, or changes. Bidders that desire to deviate from these specifications in their proposal are permitted to submit alternate/multiple bids. However, alternate bids must be clearly indicated as such with deviations from the applicable specifications clearly noted. The bid must be accompanied by complete specifications for the items offered. Any questions regarding the specifications, drawings, etc. shall be referred to that individual so referenced in the Specifications section. Vendors wishing to submit a secondary bid must do so as an alternate bid. Only one bid will be accepted per envelope.

The Village shall be the sole and final judge unequivocally as to whether any substitute is of sufficient quality. This decision is final and will not be subject to recourse by any person, firm, or corporation.

### RECEIVING OF BIDS

Bids received prior to the time of opening will be securely kept unopened. The Village Clerk, whose duty it is to open them, will decide when the specified time has arrived. No bid received thereafter will be considered. No responsibility will be assumed by the Village or the Village Clerk for premature or non-opening of bids not properly addressed and identified, except otherwise provided by law.

### LATE BIDS

Bids arriving after the specified time, whether sent by mail, courier, or in person, will not be accepted. These bids will either be refused or returned unopened. It is the Bidder's responsibility for timely delivery of bid proposals. Mailed bids which are delivered after the specified time will not be accepted regardless of post marked time on the envelope.

### BIDS BY FAX

Bids transmitted by fax will not be accepted, nor will the Village transmit bid documents to prospective bidders by way of fax machine.

### ERROR IN BIDS

When an error is made in extending total prices, the unit bid price will govern. Otherwise, the Bidder will not be relieved from errors in bid preparation. Erasures in bids must be explained over signature of Bidder.

## WITHDRAWAL OF BIDS

A written request for the withdrawal of a bid, or any part thereof, may be granted if the request is received by the Village Clerk prior to the specified time of opening. After opening, the Bidder cannot withdraw or cancel their bid for a period of sixty (60) calendar days or such longer time as stated in the bid documents.

## CONSIDERATION OF BIDS

No bid will be accepted from, or contract awarded to, any person, firm, or corporation that is in arrears or default to the Village upon any debt or contract, or that is a defaulter upon any obligation to the Village, or had failed to perform faithfully any previous contract with the Village. If requested, the Bidder shall present, within 48 hours, evidence satisfactory to the Village of performance ability and possession of necessary facilities, pecuniary resources, and adequate insurance to comply with the terms of these specifications and contract documents.

## PRICES

Unit prices shall be shown for each unit on which there is a bid and shall include all equipment, fuel charges, packing, crating, freight, and shipping/unloading charges unless otherwise stated in this bid packet. Unit prices shall not include any local, state, or federal taxes. The Village is exempt, by law, from paying State and Village Retailer's Occupation Tax, State Service Occupation Tax, and Federal Excise Tax. The Village will supply the successful bidder with the current tax exempt number.

Cash discounts will not be considered in determining contract price but may be used in the overall evaluation of bids.

## AWARD OR REJECTION OF BIDS

The Village reserves the right to award and/or reject any and all bids, or parts thereof, and to waive formalities and technicalities in the best interest of the Village. Any bid submitted will be binding for sixty (60) days subsequent to the date of the bid opening.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the supplies and/or services to be furnished in accordance with this bid. No plea of ignorance by the Bidder of conditions that exist or that may hereafter exist as a result of the Bidder's failure to make the necessary examinations and investigations will be accepted as a basis for varying the requirements of the Village of the compensation to the Bidder. **Any exceptions not taken by the Bidder shall be assumed by the Village to be included.**

A contract will be awarded to the lowest responsible bidder complying with the conditions of the contract documents only when it is in the best interest of the Village to accept such a bid. The Village shall be the sole judge of compliance with the specifications and reserves the right to accept or reject any and/or all bids or parts thereof.

## PAYMENT

Payment will be made within thirty (30) days after acceptance of the equipment or services by the Village representative and Bidder's compliance with all stipulations relating to the bid/contract.

## REQUIREMENTS OF BIDDER

The successful bidder shall, within ten (10) days after notification of award: enter into a contract, in writing, with the Village covering all matters as are set forth in the specifications of this bid; and carry insurance acceptable to the Village covering public liability, property damage, and workmen's compensation.

#### COMPLIANCE WITH ALL LAWS

All work under contract must be executed in accordance with all applicable local, state, and federal laws, ordinances, rules, and regulations.

#### CONTRACT ALTERATIONS

No amendment of a contract shall be valid unless made in writing and signed by the Village Manager or their authorized designee.

#### NOTICES

All notices required by the contractor shall be given in writing.

#### NON-ASSIGNABILITY

The contractor shall not assign the contract, or any part thereof, to any other person, firm, or corporation without the previous written consent of the Village Manager or their authorized designee. Such assignment shall not relieve the contractor from their obligations or change the terms of the contract.

#### INDEMNITY

The contractor shall indemnify and save harmless the Village, its officers, and its employees from any and all liability, losses, or damages, including attorney's fees and costs of defense, the Village may suffer as a result of claims, demands, suits, actions, or proceedings of any kind of nature, including workers' compensation claims, in any way resulting from or arising out of the operations of the contractor under this contract, including operations of subcontractors; and the contractor shall, at their own expense, appear, defend, and pay all fees of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith; and, if any judgements shall be rendered against the Village in any such action, the contractor shall, at their own expense, satisfy and discharge same. The contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by the contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Village as herein provided.

#### EQUAL EMPLOYMENT OPPORTUNITY

During the performance of the contract and/or supplying of materials, equipment, and supplies, the Bidder must be in full compliance with all provisions of the Acts of the General Assembly of the State of Illinois relating to employment, including equal opportunity requirements.

#### REQUIRED INSURANCE

In submission of a bid, the Bidder is certifying that they have all insurance coverages required by law or would normally be expected for Bidder's type of business. In addition, the Bidder is certifying that they have at least the following insurance coverage:

<u>Type of Insurance</u>	<u>Occurrence</u>	<u>Aggregate</u>
GENERAL LIABILITY		
Bodily Injury	\$1,000,000	\$3,000,000
Property Damage	\$1,000,000	\$3,000,000
Contractual Insurance – Broad Form	\$1,000,000	\$3,000,000

AUTOMOBILE LIABILITY

Bodily Injury	\$1,000,000	\$1,000,000
Property Damage	\$1,000,000	\$1,000,000

This insurance must include non-owned, hired, or rented vehicles, as well as owned vehicles.

WORKMEN’S COMPENSATION AND OCCUPATIONAL DISEASES

Statutory for Illinois

Employer’s Liability Coverage	\$1,000,000 per accident
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**NOTE:** the specifications may require higher limits or additional types of insurance coverages than shown above. The contractor will be required to furnish a certificate proof of insurance coverages.

The Bidder further agrees to indemnify the Village and save it harmless against and from all loss, damage, expense, liability, or claim of liability arising out of the performance of the contractor, any subcontractors, or their employees in connection with the contract. Contracts and subcontractors are to grant the Village an “additionally insured” status on all applicable insurance policies and provide the Village with original endorsements affecting coverage required by this clause. Said policies will not be canceled unless the Village is provided a thirty (30) day written notice. Any deductibles or self-insured retentions as respects the Village or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration, and defense expenses. Nothing contained in the insurance requirement shall be construed as limiting the extent of the contractor’s responsibilities for payment of damages resulting from operations under this agreement.

BID PERFORMANCE DEPOSIT

When it is required, it will be so stated elsewhere within this bid package along with the amount required. In all cases where a deposit is required, it must accompany the bid. The deposit is to be in the form of a certified check or bank cashier’s check. All bid performance deposit checks will be retained by the Village until the bid award is made, at which time the checks will be promptly returned to the unsuccessful bidders. The bid performance deposit check of the successful bidder will be retained until the goods or services have been received or completed/installed and found to be in compliance with the specification or until surety bonding requirements have been satisfied and proof of insurance coverage is provided in accordance with the Special Provisions section of these specifications.

## ACCEPTANCE

After acceptance and award of the bid, and upon receipt of a written purchase order executed by the proper officials of the Village, this instruction to bidders, and all other portions of the bid documents, including specifications, will constitute part of the legal contract between the Village of Hoffman Estates and the successful bidder.

## DEFAULT

The Village may terminate a contract by written notice of default to the contractor if:

- a. The contractor fails to make delivery of the materials or perform the services within the time specified in the proposal.
- b. The contractor fails to make progress so as to endanger performance of the contract.
- c. The contractor fails to provide or maintain, in full force and effect, the liability and indemnification coverages or performance bond as is required.

If the Village terminates the contract, the Village may procure supplies or services similar to those so terminated, and the Contractor shall be liable to the Village for any excess costs for similar supplies and services, unless the Contractor provides acceptable evidence that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

## SPECIAL CONDITIONS

Wherever special conditions /requirements are written into the Specifications or Special Provisions which are in conflict with conditions stated in these instructions to bidders, the conditions stated in the Specifications or Special Provisions/Requirements shall take precedence.

## PERMITS AND LICENSES

The successful bidder shall obtain, at their own expense, all permits and licenses which may be required to complete the contract (where applicable).

## GENERAL GUARANTY

Neither the final certificate of payment nor any provision in the contract nor partial or entire use of the equipment embraced in this contract by the Village or the Public shall constitute an acceptance of work not done in accordance with the contract, or relieve the Contractor of liability in respect to any express warranties or responsibility for failure to comply with the terms of those Contract Documents.

It is expressly agreed by the parties hereto that in the event any defects or imperfections in the materials or workmanship to be furnished by the Contractor herein appear within the period of one year from the date of completion of all the work mentioned herein and acceptance thereof by the Village of Hoffman Estates, the Contractor will, upon notice from the said Village (which notice may be given by letter to said Contractor to the business address of the Contractor shown in the Proposal), repair and make good at his own cost any such defects or imperfections and replace any defective or imperfect materials or workmanship with other materials or workmanship satisfactory to said Village, and furnish all such new materials and labor as may be necessary to do so; and in the event of the failure, refusal or delay of said workmanship or materials said Village may do so or have same done by others, and said Contractor and surety or sureties on their bond given for the faithful performance of this contract shall be liable to the Village of Hoffman Estates for all damages and expenses occasioned by such failure, refusal or delay.

## MINIMUM WAGES

All laborers and mechanics employed by Contractors and Subcontractors on construction work for this project shall be paid wages at rates no less than those prevailing on similar construction in the locality as determined by the Secretary of Labor in accordance with the Davis-Bacon Act, as amended (40 U.S.C. 276a-276a-5), and shall receive overtime compensation in accordance with and subject to the provisions of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), and the Contractors and Subcontractors shall comply with all regulations issued pursuant to these Acts and with other applicable Federal laws and regulations pertaining to labor standards. The Secretary of Labor has, with respect to the labor standards specified in this Section, the 1950 (5 U.S.C. 133z-15) and Section 2 of the Act of June 13, 1934, as amended (40 U.S.C. 276c).

Not less than the prevailing wage shall be paid for labor on the work to be done as required by law.

## HIRING OF ILLINOIS WORKERS

The Illinois Department of Labor provided notice that due to the high unemployment rate caused by the ongoing COVID-19 pandemic, the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/3, will take effect beginning July 1, 2020. The state law requires the workforce on all public works projects to be comprised of a minimum of 90% Illinois residents.

If Illinois' rate of unemployment falls below 5%, this statute will no longer be in effect.

(30 ILCS 570/3) (from Ch. 48, par. 2203)

Sec. 3. Employment of Illinois laborers. Whenever there is a period of excessive unemployment in Illinois, if a person or entity is charged with the duty, either by law or contract, of (1) constructing or building any public works, as defined in this Act, or (2) the clean-up and on-site disposal of hazardous waste for the State of Illinois or any political subdivision of the State, and that clean-up or on-site disposal is funded or financed in whole or in part with State funds or funds administered by the State of Illinois, then that person or entity shall employ at least 90% Illinois laborers on such project. Any public works project financed in whole or in part by federal funds administered by the State of Illinois is covered under the provisions of this Act, to the extent permitted by any applicable federal law or regulation. Every public works contract let by any such person shall contain a provision requiring that such labor be used: Provided, that other laborers may be used when Illinois laborers as defined in this Act are not available, or are incapable of performing the particular type of work involved, if so certified by the contractor and approved by the contracting officer. (Source: P.A. 96-929, eff. 6-16-10.)

## ILLINOIS WORKS JOBS PROGRAM ACT APPRENTICESHIP INITIATIVE

Pursuant to the Illinois Works Jobs Program Act, 30 ILCS 559/20-1 et seq., for public works projects estimated to cost \$500,000 or more, the goal of the Illinois Works Apprenticeship Initiative is that apprentices will perform either 10% of the total hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less.

For projects with an estimated total project cost of \$500,000 or more and for which 50% or more of the project is being funded by appropriated capital funds, the 10% apprenticeship goal applies to all prevailing wage eligible work on the project. For projects receiving \$500,000 or more of appropriated capital funds but for which the appropriated capital funds are less than half of the total project costs, the 10% apprenticeship goal only applies to prevailing wage eligible work being funded by the appropriated capital funds. The 10% apprenticeship goal does not apply to projects with an estimated total project cost of less



than \$500,000 or to projects with an estimated total project cost of \$500,000 or more but for which the appropriated capital funds for the project are both less than \$500,000 and less than 50% of the estimated total project costs.

#### BIDDER QUALIFICATIONS

All bidders must submit the following information on or before the time at which the proposal is required to be submitted:

- a. The location and description of the Bidder's permanent place of business.
- b. Evidence of ability to provide an efficient and adequate plan for executing the work.
- c. A list of similar projects carried out by the Bidder.
- d. A list of projects the Bidder presently has under contract.
- e. Any additional evidence tending to show that the Bidder is adequately prepared to fulfill the contract.

#### BID CERTIFICATION FORM

All bid submittals must include a signed Bid Certification Form (copy included within this document) certifying that Bidder is in compliance with Section 33E-3 or 33E-4 of the Illinois Criminal Code of 1961 regarding bid rigging/rotating.

Illinois State Law Article 33E-3 and 33E-4 states that it is unlawful to participate in bid rigging and/or rotating. State law further states that it is unlawful to award a contract to any individual or entity that is delinquent in the payment of any tax administered by the Department of Revenue unless the individual or entity is contesting the amount and/or liability through proper procedures. Therefore, all bidders must certify that they are not barred from bidding on the contract as a result of a violation of State Law 33E-3 and 33E-4, prohibiting bid rigging and/or rotation, and that the bidder is not delinquent in the payment of any tax, unless it contests in accordance with the procedures established by the appropriate revenue act. It is necessary that this be done under oath; therefore, **the form included with bid submittals must be notarized.**

#### DEVIATIONS

Unless denoted "no substitution", the Village's minimum required specifications may be exceeded. However, **vendors must list all specification deviations and provide a description and/or catalog sheet that fully describes that which they propose to furnish in lieu of the specification.** Final bid acceptance shall be based upon that bid deemed most favorable to the interests of the Village after all bids have been examined and canvassed.

#### INFORMATION MAINTAINED BY THE LEGISLATIVE REFERENCE BUREAU

Updating the database of the Illinois Compiled Statutes (ILCS) is an ongoing process. Recent laws may not yet be included in the ILCS database, but they are found on this site as Public Acts soon after they become law.

For information concerning the relationship between statutes and Public Acts, refer to the Guide.

Because the statute database is maintained primarily for legislative drafting purposes, statutory changes are sometimes included in the statute database before they take effect. If the source note at the end of a Section of the statutes includes a Public Act that has not yet taken effect, the version of the law that is currently in

effect may have already been removed from the database and you should refer to that Public Act to see the changes made to the current law.

## ARTICLE 33E. PUBLIC CONTRACTS (720 ILCS 5/Art. 33E heading)

### Sec. 33E-1. Interference with public contracting

It is the finding of the General Assembly that the cost to the public is increased and the quality of goods, services, and construction paid for by public monies is decreased when contracts for such goods, services, or construction are obtained by any means other than through independent non-collusive submission of bids or offers by individual contractors or suppliers, and the evaluation of those bids or offers by the governmental unit pursuant only to criteria as publicly announced in advance. (Source: P.A. 85-1295.) (720 ILCS 5/33E-1) (from Ch. 38, par. 33E-1).

### Sec. 33E-2. Definitions

In this Act:

- a. "Public contract" means any contract for goods, services, or construction let to any person with or without bid by any unit of State or local government.
- b. "Unit of State or local government" means the State, any unit of state government or agency thereof, any county or municipal government or committee or agency thereof, or any other entity which is funded by or expends tax dollars or the proceeds of publicly guaranteed bonds.
- c. "Change order" means a change in a contract term other than as specifically provided for in the contract which authorizes or necessitates any increase or decrease in the cost of the contract or the time to completion.
- d. "Person" means any individual, firm, partnership, corporation, joint venture or other entity, but does not include a unit of State or local government.
- e. "Person employed by any unit of State or local government" means any employee of a unit of State or local government and any person defined in subsection (d) who is authorized by such unit of State or local government to act on its behalf in relation to any public contract.
- f. "Sheltered market" has the meaning ascribed to it in Section 8b of the Business Enterprise for Minorities, Women, and Persons with Disabilities Act; except that, with respect to State contracts set aside for award to service-disabled veteran-owned small businesses and veteran-owned small businesses pursuant to Section 45-57 of the Illinois Procurement Code, "sheltered market" means procurements pursuant to that Section.
- g. "Kickback" means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided, directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a subcontract relating to a prime contract.
- h. "Prime contractor" means any person who has entered into a public contract.
- i. "Prime contractor employee" means any officer, partner, employee, or agent of a prime contractor.
- j. "Stringing" means knowingly structuring a contract or job order to avoid the contract or job order being subject to competitive bidding requirements.
- k. "Subcontract" means a contract or contractual action entered into by a prime contractor or subcontractor for the purpose of obtaining goods or services of any kind under a prime contract.
- l. "Subcontractor" (1) means any person, other than the prime contractor, who offers to furnish or furnishes any goods or services of any kind under a prime contract or a subcontract entered

into in connection with such prime contract; and (2) includes any person who offers to furnish or furnishes goods or services to the prime contractor or a higher tier subcontractor.

m. "Subcontractor employee" means any officer, partner, employee, or agent of a subcontractor.

(Source: P.A. 100-391, eff. 8-25-17.) (720 ILCS 5/33E-2) (from Ch. 38, par. 33E-2)

#### Sec. 33E-3. Bid-rigging

A person commits the offense of bid-rigging when he knowingly agrees with any person who is, or but for such agreement would be, a competitor of such person concerning any bid submitted or not submitted by such person or another to a unit of State or local government when with the intent that the bid submitted or not submitted will result in the award of a contract to such person or another and he either (1) provides such person or receives from another information concerning the price or other material term or terms of the bid which would otherwise not be disclosed to a competitor in an independent non-collusive submission of bids or (2) submits a bid that is of such a price or other material term or terms that he does not intend the bid to be accepted.

Bid-rigging is a Class 3 felony. Any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty; or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer, or a high managerial agent on behalf of the corporation as provided in paragraph (2) of subsection (a) of Section 5-4 of this Code. (Source: P.A. 86-150.) (720 ILCS 5/33E-3) (from Ch. 38, par. 33E-3)

#### Sec. 33E-4. Bid rotating

A person commits the offense of bid rotating when, pursuant to any collusive scheme or agreement with another, he engages in a pattern over time (which, for the purposes of this Section, shall include at least 3 contract bids within a period of 10 years, the most recent of which occurs after the effective date of this amendatory Act of 1988) of submitting sealed bids to units of State or local government with the intent that the award of such bids rotates, or is distributed among, persons or business entities which submit bids on a substantial number of the same contracts. Bid rotating is a Class 2 felony. Any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer, or a high managerial agent on behalf of the corporation as provided in paragraph (2) of subsection (a) of Section 5-4 of this Code. (Source: P.A. 86-150.) (720 ILCS 5/33E-4) (from Ch. 38, par. 33E-4)

#### Sec. 33E-5. Acquisition or disclosure of bidding information by public official

a. Any person who is an official of or employed by any unit of State or local government who knowingly opens a sealed bid at a time or place other than as specified in the invitation to bid or as

otherwise designated by the State or unit of local government, or outside the presence of witnesses required by the applicable statute or ordinance, commits a Class 4 felony.

- b. Any person who is an official of or employed by any unit of State or local government who knowingly discloses to any interested person any information related to the terms of a sealed bid whether that information is acquired through a violation of subsection (a) or by any other means except as provided by law or necessary to the performance of such official's or employee's responsibilities relating to the bid, commits a Class 3 felony.
- c. It shall not constitute a violation of subsection (b) of this Section for any person who is an official of or employed by any unit of State or local government to make any disclosure to any interested person where such disclosure is also made generally available to the public.
- d. This Section only applies to contracts let by sealed bid.

(Source: P.A. 86-150.) (720 ILCS 5/33E-5) (from Ch. 38, par. 33E-5)

#### Sec. 33E-6. Interference with contract submission and award by public official

- a. Any person who is an official of or employed by any unit of State or local government who knowingly conveys, either directly or indirectly, outside of the publicly available official invitation to bid, pre-bid conference, solicitation for contracts procedure or such procedure used in any sheltered market procurement adopted pursuant to law or ordinance by that unit of government, to any person any information concerning the specifications for such contract or the identity of any particular potential subcontractors, when inclusion of such information concerning the specifications or contractors in the bid or offer would influence the likelihood of acceptance of such bid or offer, commits a Class 4 felony. It shall not constitute a violation of this subsection to convey information intended to clarify plans or specifications regarding a public contract where such disclosure of information is also made generally available to the public.
- b. Any person who is an official of or employed by any unit of State or local government who, either directly or indirectly, knowingly informs a bidder or offerer that the bid or offer will be accepted or executed only if specified individuals are included as subcontractors commits a Class 3 felony.
- c. It shall not constitute a violation of subsection (a) of this Section where any person who is an official of or employed by any unit of State or local government follows procedures established (i) by federal, State or local minority or female owned business enterprise programs or (ii) pursuant to Section 45-57 of the Illinois Procurement Code.
- d. Any bidder or offerer who is the recipient of communications from the unit of government which he reasonably believes to be proscribed by subsections (a) or (b), and fails to inform either the Attorney General or the State's Attorney for the county in which the unit of government is located, commits a Class A misdemeanor.
- e. Any public official who knowingly awards a contract based on criteria which were not publicly disseminated via the invitation to bid, when such invitation to bid is required by law or ordinance, the pre-bid conference, or any solicitation for contracts procedure or such procedure used in any sheltered market procurement procedure adopted pursuant to statute or ordinance, commits a Class 3 felony.
- f. It shall not constitute a violation of subsection (a) for any person who is an official of or employed by any unit of State or local government to provide to any person a copy of the transcript or other summary of any pre-bid conference where such transcript or summary is also made generally available to the public.

(Source: P.A. 97-260, eff. 8-5-11.) (720 ILCS 5/33E-6) (from Ch. 38, par. 33E-6)

#### Sec. 33E-7. Kickbacks

- a. A person violates this Section when he knowingly either:
  1. provides, attempts to provide or offers to provide any kickback;
  2. solicits, accepts or attempts to accept any kickback; or
  3. includes, directly or indirectly, the amount of any kickback prohibited by paragraphs (1) or (2) of this subsection (a) in the contract price charged by a subcontractor to a prime contractor or a higher tier subcontractor or in the contract price charged by a prime contractor to any unit of State or local government for a public contract.
- b. Any person violates this Section when he has received an offer of a kickback, or has been solicited to make a kickback, and fails to report it to law enforcement officials, including but not limited to the Attorney General or the State's Attorney for the county in which the contract is to be performed.
- c. A violation of subsection (a) is a Class 3 felony. A violation of subsection (b) is a Class 4 felony.
- d. Any unit of State or local government may, in a civil action, recover a civil penalty from any person who knowingly engages in conduct which violates paragraph (3) of subsection (a) of this Section in twice the amount of each kickback involved in the violation. This subsection (d) shall in no way limit the ability of any unit of State or local government to recover monies or damages regarding public contracts under any other law or ordinance. A civil action shall be barred unless the action is commenced within 6 years after the later of (1) the date on which the conduct establishing the cause of action occurred or (2) the date on which the unit of State or local government knew or should have known that the conduct establishing the cause of action occurred.

(Source: P.A. 85-1295.) (720 ILCS 5/33E-7) (from Ch. 38, par. 33E-7)

#### Sec. 33E-8. Bribery of inspector employed by contractor

- a. A person commits bribery of an inspector when he offers to any person employed by a contractor or subcontractor on any public project contracted for by any unit of State or local government any property or other thing of value with the intent that such offer is for the purpose of obtaining wrongful certification or approval of the quality or completion of any goods or services supplied or performed in the course of work on such project. Violation of this subsection is a Class 4 felony.
- b. Any person employed by a contractor or subcontractor on any public project contracted for by any unit of State or local government who accepts any property or other thing of value knowing that such was intentionally offered for the purpose of influencing the certification or approval of the quality or completion of any goods or services supplied or performed under subcontract to that contractor, and either before or afterwards issues such wrongful certification, commits a Class 3 felony. Failure to report such offer to law enforcement officials, including but not limited to the Attorney General or the State's Attorney for the county in which the contract is performed, constitutes a Class 4 felony.

(Source: P.A. 85-1295.) (720 ILCS 5/33E-8) (from Ch. 38, par. 33E-8)

#### Sec. 33E-9. Change orders

Any change order authorized under this Section shall be made in writing. Any person employed by and authorized by any unit of State or local government to approve a change order to any public contract who knowingly grants that approval without first obtaining from the unit of State or local government on whose behalf the contract was signed, or from a designee authorized by that unit of State or local government, a determination in writing that (1) the circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the contract was signed, or (2) the change is germane to the original contract as signed, or (3) the change order is in the best interest of the unit of State or local government and authorized by law, commits a Class 4 felony. The written determination and the written change order resulting from that determination shall be preserved in the contract's file which shall be open to the public

for inspection. This Section shall only apply to a change order or series of change orders which authorize or necessitate an increase or decrease in either the cost of a public contract by a total of \$10,000 or more or the time of completion by a total of 30 days or more. (Source: P.A. 86-150; 87-618.) (720 ILCS 5/33E-9) (from Ch. 38, par. 33E-9)

Sec. 33E-10. Rules of evidence

- a. The certified bid is prima facie evidence of the bid.
- b. It shall be presumed that in the absence of practices proscribed by this Article 33E, all persons who submit bids in response to an invitation to bid by any unit of State or local government submit their bids independent of all other bidders, without information obtained from the governmental entity outside the invitation to bid, and in a good faith effort to obtain the contract.

(Source: P.A. 85-1295.) (720 ILCS 5/33E-10) (from Ch. 38, par. 33E-10)

Sec. 33E-11

- a. Every bid submitted to and public contract executed pursuant to such bid by the State or a unit of local government shall contain a certification by the prime contractor that the prime contractor is not barred from contracting with any unit of State or local government as a result of a violation of either Section 33E-3 or 33E-4 of this Article. The State and units of local government shall provide the appropriate forms for such certification.
- b. A contractor who knowingly makes a false statement, material to the certification, commits a Class 3 felony.

(Source: P.A. 97-1108, eff. 1-1-13.) (720 ILCS 5/33E-11) (from Ch. 38, par. 33E-11)

Sec. 33E-12

It shall not constitute a violation of any provisions of this Article for any person who is an official of or employed by a unit of State or local government to (1) disclose the name of any person who has submitted a bid in response to or requested plans or specifications regarding an invitation to bid or who has been awarded a public contract to any person or, (2) to convey information concerning acceptable alternatives or substitute to plans or specifications if such information is also made generally available to the public and mailed to any person who has submitted a bid in response to or requested plans or specifications regarding an invitation to bid on a public contract or, (3) to negotiate with the lowest responsible bidder a reduction in only the price term of the bid. (Source: P.A. 86-150.) (720 ILCS 5/33E-12) (from Ch. 38, par. 33E-12)

Sec. 33E-13

Contract negotiations under the Local Government Professional Services Selection Act shall not be subject to the provisions of this Article. (Source: P.A. 87-855.) (720 ILCS 5/33E-13) (from Ch. 38, par. 33E-13)

Sec. 33E-14. False statements on vendor applications

- a. A person commits false statements on vendor applications when he or she knowingly makes any false statement or report with the intent to influence in any way the action of any unit of local government or school district in considering a vendor application.
- b. Sentence. False statements on vendor applications is a Class 3 felony.

(Source: P.A. 99-78, eff. 7-20-15.) (720 ILCS 5/33E-14)

Sec. 33E-15. False entries

- a. An officer, agent, or employee of, or anyone who is affiliated in any capacity with any unit of local government or school district commits false entries when he or she makes a false entry in any book, report, or statement of any unit of local government or school district with the intent to defraud the unit of local government or school district.
- b. Sentence. False entries is a Class 3 felony.

(Source: P.A. 97-1108, eff. 1-1-13.) (720 ILCS 5/33E-15)

Sec. 33E-16. Misapplication of funds

- a. An officer, director, agent, or employee of, or affiliated in any capacity with any unit of local government or school district commits misapplication of funds when he or she knowingly misapplies any of the moneys, funds, or credits of the unit of local government or school district.
- b. Sentence. Misapplication of funds is a Class 3 felony.

(Source: P.A. 97-1108, eff. 1-1-13.) (720 ILCS 5/33E-16)

Sec. 33E-17. Unlawful participation

Whoever, being an officer, director, agent, or employee of, or affiliated in any capacity with any unit of local government or school district participates, shares in, or receiving directly or indirectly any money, profit, property, or benefit through any contract with the unit of local government or school district, with the intent to defraud the unit of local government or school district is guilty of a Class 3 felony. (Source: P.A. 90-800, eff. 1-1-99.) (720 ILCS 5/33E-17)

Sec. 33E-18. Unlawful stringing of bids

- a. A person commits unlawful stringing of bids when he or she, with the intent to evade the bidding requirements of any unit of local government or school district, knowingly strings or assists in stringing or attempts to string any contract or job order with the unit of local government or school district.
- b. Sentence. Unlawful stringing of bids is a Class 4 felony.

(Source: P.A. 97-1108, eff. 1-1-13; 98-756, eff. 7-16-14.) (720 ILCS 5/33E)

## FIRE HYDRANT PURCHASE BID SPECIFICATIONS

Fire hydrants proposed/furnished shall:

1. Meet or exceed all applicable requirements and tests of the latest revisions of ANSI/AWWA Standard C-502.
2. Meet all test requirements and be listed by Underwriters Laboratories Inc.
3. Meet all test requirements and have full approval of Factory Mutual.

Hydrant unit prices shall be inclusive of components such as auxiliary valves, valve boxes, and other accessories. Hydrants shall be Mueller Centurion A423 model, or approved equivalent. Hydrants shall be a dry-barrel type with breakaway flange and auxiliary gate valves. Hydrants shall have two 2.5" hose nozzles and one 4.5" National Standard pumper nozzle. Hose threads shall be the standard NSHT. Hydrants shall have a main valve opening of 5.25" with a flanged mechanical joint, 6" resilient wedge gate valve (RWGV), attached auxiliary valve, and mechanical joint accessories. Auxiliary valves shall have a two-piece cast iron valve box, a plastic valve box stabilizer (Lincoln Cap), and a "grips brand" valve box stabilizer. Hydrants shall be painted red to match existing hydrants in the water system.

In addition, fire hydrants shall meet the following requirements:

1. Hydrants shall be rated for a working pressure of 250 Psig (1725 kPa).
2. Hydrants shall be of the compression type, opening against the pressure and closing with the pressure.
3. Hydrants shall have a minimum 5.25" main valve opening and a minimum inside lower/upper barrel diameter of 7" to assure maximum flow performance. Pressure loss at 1,000 GPM shall not exceed the following values:
  - a. 4" pumper nozzle: 2.7 psi
  - b. 4.5" pumper nozzle: 2.5 psi
4. Hydrants shall be three-way in design, having one pumper nozzle (as specified) and two 2.5" hose nozzles. Nozzle thread type shall be as specified. Nozzles shall thread counterclockwise into the hydrant barrel utilizing "o" ring seals. A suitable nozzle lock shall be in place to prevent inadvertent nozzle removal.
5. The bonnet assembly shall provide an oil reservoir and lubrication system that automatically circulates lubricant to all stem threads and bearing surfaces each time the hydrant is operated. This lubrication system shall be sealed from the waterway and any external contaminants by use of "o" ring seals. An anti-friction washer shall be in place above the thrust collar to further minimize operating torque. The oil reservoir shall be factory filled with a low viscosity FDA-approved non-toxic oil lubricant which will remain fluid through a temperature range of -60 degrees Fahrenheit to 150 degrees Fahrenheit.
6. The operating nut shall be a one-piece design, manufactured of ASTM B-584 bronze and shall be pentagon/square in shape with nut dimensions as specified. The operating nut shall be affixed to the bonnet by means of an ASTM B-584 bronze hold down nut. The hold down nut shall be threaded into the bonnet in such a manner as to prevent accidental disengagement during the opening cycle of the hydrant. The use of Allen-head screws as a means of retention is not acceptable. A resilient weather seal shall be incorporated into the hold down nut for the purpose of protecting the operating mechanism from the elements.
7. The direction of the opening shall be as specified. An arrow shall be cast on the bonnet flange to indicate the opening direction.
8. The hydrant bonnet shall be attached to the upper barrel by not less than 8 bolts and nuts and sealed by an "o" ring.



9. Hydrants shall be a "traffic-model", having upper and lower barrels joined at the ground line by a separate and breakable swivel flange providing 360 degree rotation of the upper barrel for proper nozzle alignment. This flange shall employ not less than 8 bolts. The safety flange segments shall be located under the upper barrel flange to prevent the segments from falling into the lower barrel when the hydrant is struck. The pressure seal between the barrels shall be an "o" ring. The proper ground line shall be cast clearly on the lower barrel and shall provide not less than 18" of clearance from the centerline of the lowest nozzle to the ground.
10. The operating stem shall consist of two pieces, not less than 1.25" in diameter (excluding the threaded or machined areas), and shall be connected by a stainless steel safety coupling. The safety coupling shall have an integral internal stop to prevent the coupling from sliding down into the lower barrel when the hydrant is struck. Screws, pins, bolts, or fasteners used in conjunction with the stem couplings shall also be stainless steel. The top of the lower stem shall be recessed 2" below the face of the safety flange to prevent water hammer in the event of a "drive over" where a vehicle tire might depress the main valve.
11. The lower barrel shall be an integrally case unit. The use of threaded-on or mechanically-attached flanges is not acceptable. The hydrant bury depth shall be clearly marked on the hydrant lower barrel.
12. Composition of the main valve shall be a molded rubber having a durometer hardness of 95, +/- 5, and shall be reversible in design to provide a spare in-place. Plastic (polyurethane) main valves are not acceptable. The main valve shall have a cross-section of not less than 1".
13. Hydrants shall be equipped with 2 drain valves which drain the barrel when the hydrant is closed and seal shut when the hydrant is opened. These drain valves shall be an integral part of the one-piece bronze upper valve plate and shall operate without use of springs, toggles, tubes, levers, or other intricate synchronizing mechanisms.
14. The upper valve plate, seat ring, and drain ring (shoe bushing) must be ASTM B-584 bronze and work in conjunction to form an all-bronze drain way. A minimum of 2 internal and 2 external drain openings are required. Drains ported through an iron shoe must be bronze-lined.
15. The bronze seat ring shall thread into a bronze drain ring (or shoe bushing) providing a bronze-to-bronze connection. Seat rings shall be "o" ring pressure sealed.
16. The shoe inlet size and connection type shall be as specified (flanged, MJ, etc.), having ample blocking pads for sturdy setting and the MJ connection must have 2 strapping lugs to secure the hydrant to piping. A minimum of 6 bolts and nuts is required to fasten the shoe to the lower barrel.
17. The interior of the shoe, including the lower valve plate and stem cap nut, shall have a protective coating that meets the requirements of AWWA C-550. If a step cap nut is utilized, it must be locked in place by a stainless steel lock washer or similar non-corrosive device that will prevent the cap nut from backing-off during normal use.
18. Hydrants shall be warranted by the manufacturer against defects in materials or workmanship for a period of 10 years from the date of manufacture. The manufacturing facility for the hydrant must have current ISO certification.
19. Hydrants shall be Mueller Super Centurion 250 or approved equivalent.

Failure to comply with the above requirements is sufficient cause for rejection of proposed hydrants. The Village reserves the right to accept only those materials which are in full compliance with these specifications and deemed most advantageous to the interests of the Village.

**FIRE HYDRANT PURCHASE  
SPECIAL PROVISIONS**

**ALL-INCLUSIVE BID SUM**

The bid sum shall include everything specified and/or otherwise required in order to complete the project in its entirety. No claim for additionally required materials and/or labor shall be honored by the Village.

**BID BOND REQUIREMENTS**

A bid bond for 5% of the total bid amount is required.



August 5, 2024

Nick Hamilton  
CORE & MAIN LP  
3415 Ohio Ave  
St. Charles, IL 60174

Re: VILLAGE OF HOFFMAN ESTATES  
Project: 2024 Fire Hydrant Purchase  
Estimated Contract Price: \$ 81,000.00  
Bid Date: 8/7/2024  
Surety: RLI GROUP

Dear Nick Hamilton:

Enclosed please find the above captioned bid bond, executed per your request.

The bid bond must be signed by an authorized representative of your company, notarized and sealed with the corporate seal if applicable. It is your responsibility to ensure the bid bond conforms with your needs and instructions to us, including but not limited to the correct coverages and parties, and with any laws applicable to your operations and/or the contract requiring the bid bond, and to advise us immediately, in writing, if the bid bond form so executed does not contain the proper information. Accordingly, it is incumbent upon you to carefully review the bond, and we will expect that you will, double-check all information, including signatures, dates, amounts and job descriptions for accuracy, and to verify that the bid bond form we executed is the form required by the specification. This will avoid the possibility of having a low bid rejected because of a clerical error. We will also expect you to verify that anything unusual that has been requested by the obligee is attached.

If, following your review of the bond, you do not advise us in writing of any problem or deficiency in its terms and information but submit the bond as is, your submission will constitute your verification, and we will justifiably assume, that the bond form as issued is correct and appropriate for the purpose for which it is being submitted. You further understand that we will have no liability for any deficiencies or discrepancies not brought to our attention in accordance with this letter.

The bid bond authorization is based upon your original estimate. **If the actual bid price exceeds this estimate by 10% or more, you must contact us for additional authority!**

Please call our office if you should have any questions or need any further assistance.

Good Luck on your Bid.

Sincerely,

Patrick Breene  
Record #2969503

Your bid results are very important, please mail this information back to the address below, or email your Aon representative within 5 days of the bid opening.

	Contractors Name		Contract Price
1.	_____	\$	_____
2.	_____	\$	_____
3.	_____	\$	_____

Where did you place \_\_\_\_\_ And your price \$ \_\_\_\_\_

If awarded contract, is final bond required? Yes  No

 **AIA** Document A310™ – 2010

**Bid Bond**

**CONTRACTOR:**

*(Name, legal status and address)*

CORE & MAIN LP  
3415 Ohio Ave  
St. Charles, IL 60174

**SURETY:**

*(Name, legal status and principal place of business)*

RLI INSURANCE COMPANY  
9025 North Lindbergh Drive  
Peoria, IL 61615

**OWNER:**

*(Name, legal status and address)*

VILLAGE OF HOFFMAN ESTATES  
Public Works Department  
2305 Pembroke Ave., Hoffman Estates, IL 60169

**BOND AMOUNT:** Five Percent of Amount bid  
(5% of Amount Bid)

**PROJECT:**

*(Name, location or address, and Project number, if any)*

2024 Fire Hydrant Purchase

Project Number, if any:

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

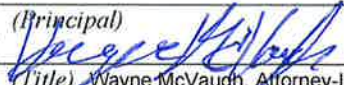
The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

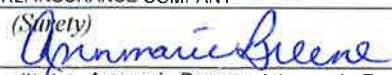
When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 5th day of August, 2024

  
*(Witness)* Patrick Breene

CORE & MAIN LP  
*(Principal)*  *(Seal)*  
*(Title)* Wayne McVaugh, Attorney-In-Fact

  
*(Witness)* Joanne Wagner

RLI INSURANCE COMPANY  
*(Surety)*  *(Seal)*  
*(Title)* Annmarie Breene, Attorney in Fact

LIMITED POWER OF ATTORNEY

The undersigned, Core & Main LP, a Florida limited partnership (the "Company"), hereby designates Susan Welsh, Frances Rodriguez, Sara Owens, Ben Stahl, Sandra Diaz, Anne Potter, Francesca Kazmierczak, Elizabeth Sterling, Jennifer Jakaitis, Marisa Thielen and Wayne McVaugh of Aon Corporation as its attorneys in fact (referred to individually or collectively as "the Agent") on the following terms and conditions:

1. **Authority to Act.** The Agent is authorized to act for the Company under this Power of Attorney.
2. **Powers of Agent.** The Agent shall have the full power and authority to execute and deliver surety, performance, bid and payment bonds (collectively, "Bonds") in an amount not to exceed \$10,000,000.00 per Bond, upon receipt by the Agent of a written request for a Bond from an individual or individuals at the Company or its subsidiaries duly authorized to make such a request.
3. **Reliance by Third Parties.** Third parties may rely upon the representations of the Agent as to all matters regarding powers granted to the Agent. No person who acts in reliance on the representations of the Agent or the authority granted under this Power of Attorney shall incur any liability to the Company for permitting the Agent to exercise any power prior to actual knowledge that the Power of Attorney has been revoked or terminated by operation of law or otherwise.
4. **Indemnification of Agent.** No agent named or substituted in this power shall incur any liability to the Company for acting or refraining from acting under this power, except for such agent's own misconduct or negligence.
5. **Original Counterparts.** Photocopies of this signed Power of Attorney shall be treated as original counterparts.
6. **Compensation.** The Agent shall be reimbursed for reasonable expenses incurred while acting as Agent and may receive reasonable compensation for acting as Agent.

Dated: July 11, 2022

*Mark Witkowski*

Name: Mark Witkowski

Signed in the presence of:

*[Signature]*

Witness

*Kathy Edgmon*

Witness

Subscribed and sworn to before me on July 11, 2022

*Sara Campbell*  
Notary Public, [County/State] ST LOUIS, MISSOURI

My commission expires: 08-22-2025

(SEAL)





P.O. BOX 3967 PEORIA, IL 61612-3967  
 P: (800)645-2402 E: asksurety@rlicorp.com  
 RLISURETY.COM

# RLI Insurance Company

December 31, 2023

## Admitted Assets

Investments:	
Fixed maturities .....	\$ 1,431,131,286
Equity securities .....	1,442,812,591
Short-term investments .....	0
Real estate .....	25,207,962
Properties held to produce income .....	0
Cash and cash equivalents .....	39,450,202
Other invested assets .....	54,516,561
Receivables for securities .....	2,630,356
Agents' balances .....	100,101,297
Investment income due and accrued .....	11,012,671
Funds held .....	0
Reinsurance recoverable on paid losses .....	22,044,296
Federal income taxes receivable .....	0
Net deferred tax asset .....	9,800,670
Guarantee funds receivable or on deposit .....	47,385
Electronic data processing equipment, net of depreciation .....	629,146
Receivable from affiliates .....	1,260
Other admitted assets .....	<u>7,125,030</u>
<b>Total Admitted Assets</b>	<b><u>\$ 3,146,510,713</u></b>

## Liabilities and Surplus

Liabilities:	
Reserve for unpaid losses and loss adjustment expenses .....	\$ 908,493,924
Unearned premiums .....	392,216,604
Accrued expenses .....	111,423,480
Funds held .....	542,927
Advance premiums .....	21,305,163
Amounts withheld .....	80,627,156
Remittances and items not allocated .....	5,911,884
Dividends declared and unpaid .....	28,553
Ceded reinsurance premium payable .....	27,278,849
Payable for securities .....	9,404,521
Statutory penalties .....	455,798
Current federal and foreign income taxes .....	2,500,736
Net deferred tax liability .....	0
Borrowed money and accrued interest .....	50,234,222
Drafts outstanding .....	0
Payable to affiliate .....	13,666,696
Other liabilities .....	<u>2,284,808</u>
<b>Total Liabilities</b>	<b><u>\$ 1,626,375,321</u></b>
Surplus:	
Common stock .....	\$ 10,000,375
Additional paid-in capital .....	242,451,084
Unassigned surplus .....	<u>1,267,683,933</u>
<b>Total Surplus</b>	<b>\$ 1,520,135,392</b>
<b>Total Liabilities and Surplus</b>	<b><u>\$ 3,146,510,713</u></b>

State of Ohio }  
 County of Cuyahoga }

The undersigned, being duly sworn, says: That he is the President of **RLI Insurance Company**; that said Company is a corporation duly organized, in the State of Illinois, and licensed and engaged in business in the State of \_\_\_\_\_ and has duly complied with all the requirements of the laws of said State applicable of said Company and is duly qualified to act as Surety under such laws; that said Company has also complied with and is duly qualified to act as Surety under the Act of Congress approved July 1947, 6U.S.C sec. 6-13; and that to the best of his knowledge and belief the above statement is a full, true, and correct statement of the financial condition of the said Company on the 31st day of December 2023.

Attest:



{ Corporate Seal Affixed }

Craig Kliethermes President  
  
 Olga S. Happel Assistant Secretary

Sworn to before me this 12th day of March, 2024.



JILL A SCOTT  
 Notary Public  
 State of Ohio  
 My Comm. Expires  
 September 22, 2025

{ Notarial Seal Affixed }

Jill A. Scott Notary Public, State of Ohio

M0058324\_Portal



# POWER OF ATTORNEY

## RLI Insurance Company Contractors Bonding and Insurance Company

9025 N. Lindbergh Dr. Peoria, IL 61615  
Phone: 800-645-2402

### Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, each an Illinois corporation, (separately and together, the "Company") do hereby make, constitute and appoint:

Marisa Thielen, Wayne G. McVaugh, Patricia A. Rambo, Kimberly G. Sherrod, Joanne C. Wagner, Sara Owens, Cathy H. Ho, George Gionis, Lori S. Shelton, Babette Ward, Dana Donahue, Patricia Dorsaneo, Annmarie Breene, jointly or severally

in the City of Philadelphia, State of Pennsylvania its true and lawful Agent(s) and Attorney(s) in Fact, with full power and authority hereby conferred, to sign, execute, acknowledge and deliver for and on its behalf as Surety, in general, any and all bonds and undertakings in an amount not to exceed Seventy Five Million Dollars (\$75,000,000.00) for any single obligation.

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon the Company as if such bond had been executed and acknowledged by the regularly elected officers of the Company.

**RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, as applicable, have each further certified that the following is a true and exact copy of a Resolution adopted by the Board of Directors of each such corporation, and is now in force, to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, as applicable, have caused these presents to be executed by its respective Sr. Vice President with its corporate seal affixed this 10th day of January, 2024.



**RLI Insurance Company**  
**Contractors Bonding and Insurance Company**

By: Eric Raudins  
Eric Raudins Sr. Vice President

State of Illinois }  
County of Peoria } SS

### CERTIFICATE

On this 10th day of January, 2024, before me, a Notary Public, personally appeared Eric Raudins, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company** and acknowledged said instrument to be the voluntary act and deed of said corporation.

I, the undersigned officer of **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company** this 5th day of August, 2024.

By: Jill A. Scott  
Jill A. Scott Notary Public

**RLI Insurance Company**  
**Contractors Bonding and Insurance Company**  
By: Jeffrey D. Fick  
Jeffrey D. Fick Corporate Secretary



JILL A SCOTT  
Notary Public  
State of Ohio  
My Comm. Expires  
September 22, 2025



**AGENDA ITEM REPORT**  
Public Works & Utilities Committee  
August 19, 2024  
ITEM 4C

**REQUEST:** Approval of Professional Services Agreement with ME Simpson Co., Valparaiso, IN for a Village-wide water distribution system leak survey for a three-year term in an amount not to exceed \$67,000 year one, \$71,000 year two and \$75,000 year three.

**FROM:** Ryan Christensen, Water & Sewer Superintendent

**ITEM TYPE:** Contract - Committee

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**REQUEST SUMMARY**

The Village has over 255 miles of water mains. Occasionally, water system leaks do not surface or show visible signs due to the proximity of underground storm sewers, creeks and wetlands. The primary goal of a leak survey is to identify and locate these hidden leaks. This service has been budgeted for annually and a three-year proposal was solicited.

A Request For Proposals (RFP) for a full system leak survey was prepared in July 2024. The Village received two proposals, which were provided by ME Simpson Co. and Water Services INC. Staff used a qualifications based evaluation and comparison of the two proposals focused on the firm's project understanding, technical approach, relevant experience, and the firm's capacity. The evaluation indicates ME Simpson Co.'s proposal was more thoughtful, innovative, and comprehensive. ME Simpson Co.'s project team are all local experts who will be hands-on conducting the leak survey. ME Simpson Co. has previously conducted leak survey services in concurrence with valve assessment and exercise work for the Village. Staff is confident that ME Simpson Co. will complete the project in a satisfactory manner for the Village.

**FINANCIAL IMPACT**

The proposed base cost by ME Simpson Co is \$49,920 for year one, \$53,760 for year two and \$57,600 for year 3, in addition to the costs for itemized services that may occur during the leak survey work such as correlating (pinpointing) an unknown number of leaks that may be found. Staff is requesting an amount not to exceed \$67,000 for year one, \$71,000 for year two and \$75,000 for year three so that the additional costs of correlating leaks are covered. The 2024 CIP has a line item of \$90,000 to cover the proposed services.

**RECOMMENDATION**

Approval of Professional Services Agreement with ME Simpson Co., Valparaiso, IN for a Village-wide water distribution system leak survey for a three-year term in an amount not to exceed \$67,000 year one, \$71,000 year two and \$75,000 year three.



## **ATTACHMENTS**

1. Village of Hoffman Estates - 081324
2. PSA - Performance Construction Leak Detection 2024



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/13/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement.

Table with columns for PRODUCER, CONTACT NAME, PHONE, FAX, E-MAIL ADDRESS, INSURER(S) AFFORDING COVERAGE, and NAIC #.

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.

Main table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSD, SUBR WVD, POLICY NUMBER, POLICY EFF (MM/DD/YYYY), POLICY EXP (MM/DD/YYYY), LIMITS.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The Village of Hoffman Estates is an Additional Insured with respect to General Liability and Auto Liability when required by written contract.

CERTIFICATE HOLDER

CANCELLATION

Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Katy Himb

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **ADDITIONAL INSURED BY CONTRACT**

This endorsement modifies insurance provided under the following:

**BUSINESS AUTO COVERAGE FORM  
GARAGE COVERAGE FORM**

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Endorsement Effective: <b>12-23-2023</b>	Policy Number: <b>EBA 041 76 37</b>
Named Insured: <b>ME SIMPSON CO INC</b>	
Countersigned by:	

(Authorized Representative)

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

**SECTION II - LIABILITY COVERAGE, A. Coverage, I. Who is an Insured** is amended to include as an insured any person or organization for whom you have agreed in a valid written contract to provide insurance as afforded by this policy.

This provision is limited to the scope of the valid written contract.

This provision does not apply unless the valid written contract has been executed prior to the "bodily injury" or "property damage".

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## CONTRACTORS ADDITIONAL INSURED - AUTOMATIC STATUS AND AUTOMATIC WAIVER OF SUBROGATION WHEN REQUIRED IN WRITTEN CONTRACT, AGREEMENT, PERMIT OR AUTHORIZATION

This endorsement modifies insurance provided under the following:

### COMMERCIAL GENERAL LIABILITY COVERAGE PART

#### A. Additional Insured - Owners, Lessees Or Contractors - Automatic Status For Other Parties When Required In Written Contract Or Agreement With You

1. **Section II - Who Is An Insured** is amended to include as an additional insured any person or organization you have agreed in writing in a contract or agreement to add as an additional insured on this Coverage Part. Such person(s) or organization(s) is an additional insured only with respect to liability for:

a. "Bodily injury", "property damage" or "personal and advertising injury" *caused, in whole or in part, by* the performance of your ongoing operations by you or on your behalf, under that written contract or written agreement. Ongoing operations does not apply to "bodily injury" or "property damage" occurring after:

(1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

(2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project; and

b. "Bodily injury" or "property damage" *caused, in whole or in part, by* "your work" performed under that written contract or written agreement and in

cluded in the "products-completed operations hazard", but only if:

(1) The Coverage Part to which this endorsement is attached provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard"; and

(2) The written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for that person or organization.

If the written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for a specified length of time for that person or organization, the "bodily injury" or "property damage" must occur prior to the expiration of that period of time in order for this insurance to apply.

If the written contract or written agreement requires you to provide additional insured coverage for a person or organization per only ISO additional insured endorsement form number **CG 20 10**, without specifying an edition date, and without specifically requiring additional insured coverage included within the "products-completed operations hazard", this Paragraph **b.** does not apply to that person or organization.

2. If the written contract or written agreement described in Paragraph **1.** above specifically requires you to provide additional insured coverage to that person or organization:

a. *Arising out of* your ongoing operations or *arising out of* "your work"; or

- b. By way of an edition of an ISO additional insured endorsement that includes *arising out of* your ongoing operations or *arising out of* "your work";

then the phrase *caused, in whole or in part, by* in Paragraph **A.1.a.** and/or Paragraph **A.1.b.** above, whichever applies, is replaced by the phrase *arising out of*.

- 3. With respect to the insurance afforded to the additional insureds described in Paragraph **A.1.**, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- a. The preparing, approving or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of, or the failure to render, any professional architectural, engineering or surveying services.

- 4. This Paragraph **A.** does not apply to additional insureds described in Paragraph **B.**

**B. Additional Insured - State Or Governmental Agency Or Subdivision Or Political Subdivision - Automatic Status When Required In Written Permits Or Authorizations**

- 1. **Section II - Who Is An Insured** is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision you have agreed in writing in a contract, agreement, permit or authorization to add as an additional insured on this Coverage Part. Such state or governmental agency or subdivision or political subdivision is an additional insured only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision issued, in writing, a contract, agreement, permit or authorization.

- 2. With respect to the insurance afforded to the additional insureds described in Paragraph **B.1.**, the following additional exclusions apply:

This insurance does not apply to:

- a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- b. "Bodily injury" or "property damage" included within the "products-completed operations hazard."

- C. The insurance afforded to additional insureds described in Paragraphs **A.** and **B.**:

- 1. Only applies to the extent permitted by law; and
- 2. Will not be broader than that which you are required by the written contract, written agreement, written permit or written authorization to provide for such additional insured; and
- 3. Does not apply to any person, organization, state, governmental agency or subdivision or political subdivision specifically named as an additional insured for the same project in the schedule of an endorsement added to this Coverage Part.

- D. With respect to the insurance afforded to the additional insureds described in Paragraphs **A.** and **B.**, the following is added to **Section III - Limits Of Insurance**:

The most we will pay on behalf of the additional insured is the amount of insurance:

- 1. Required by the written contract, written agreement, written permit or written authorization described in Paragraphs **A.** and **B.**; or
- 2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

- E. **Section IV - Commercial General Liability Conditions** is amended to add the following:

**Automatic Additional Insured Provision**

This insurance applies only if the "bodily injury" or "property damage" occurs, or the "personal and advertising injury" offense is committed:

- 1. During the policy period; and

2. Subsequent to your execution of the written contract or written agreement, or the issuance of a written permit or written authorization, described in Paragraphs **A.** and **B.**

- F. Except when **G.** below applies, the following is added to **Section IV - Commercial General Liability Conditions, 5. Other Insurance**, and supersedes any provision to the contrary:

**When Other Additional Insured Coverage Applies On An Excess Basis**

This insurance is primary to other insurance available to the additional insured described in Paragraphs **A.** and **B.** except:

1. As otherwise provided in **Section IV - Commercial General Liability Conditions, 5. Other Insurance, b. Excess Insurance**; or
2. For any other valid and collectible insurance available to the additional insured as an additional insured by attachment of an endorsement to another insurance policy that is written on an excess basis. In such case, this insurance is also excess.

- G. The following is added to **Section IV - Commercial General Liability Conditions, 5. Other Insurance**, and supersedes any provision to the contrary:

**Primary Insurance When Required By Written Contract, Agreement, Permit Or Authorization**

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary to any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means any insurance provided by a consolidated (wrap-up) insurance program.

**Primary And Noncontributory Insurance When Required By Written Contract, Agreement, Permit Or Authorization**

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to and will not seek contribution from any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means any insurance provided by a consolidated (wrap-up) insurance program.

- H. **Section IV - Commercial General Liability Conditions, 9. Transfer Of Rights Of Recovery Against Others To Us** is amended by the addition of the following:

We waive any right of recovery we may have against any additional insured under this endorsement against whom you have agreed to waive such right of recovery in a written contract, written agreement, written permit or written authorization because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a written contract, written agreement, written permit or written authorization. However, our rights may only be waived prior to the "occurrence" giving rise to the injury or damage for which we make payment under this Coverage Part. The insured must do nothing after a loss to impair our rights. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce those rights.

## VILLAGE OF HOFFMAN ESTATES

This Professional Services Agreement (the “Agreement”) is made and entered into this August 13, 2023 by and between the VILLAGE OF HOFFMAN ESTATES, ILLINOIS, a municipal corporation located at 1900 Hassell Road, Hoffman Estates, IL (“Village”) and M.E. Simpson Co., Inc., with a principal place of business at 3406 Enterprise Ave, Valparaiso, Indiana (“Contractor”) and sets forth the terms and conditions under which Contractor agrees to perform certain land surveying services as set forth below.

This Agreement is made pursuant to Hoffman Estates RFP dated July 12<sup>th</sup>, 2024 and Contractor’s Proposal dated July 26<sup>th</sup>, 2024 attached hereto as Exhibit A and incorporated herein by reference.

### 1. SERVICES

Contractor will complete services as outlined in Exhibits A.

Other than what is provided in Paragraph 3 below, Village shall not be responsible for the cost of materials and equipment necessary for the performance of the Services.

No claim for services furnished by Contractor, not specifically provided for in this Agreement, shall be allowed by the Village nor shall Contractor perform any services or furnish any material not covered by this Agreement without prior written approval by Village. Such approval shall be considered a modification of this Agreement.

### 2. TERM AND TERMINATION

This Agreement shall be effective and binding upon execution. The parties agree that the time for completion of the services outlined in Exhibit A is October 31st, of each of the 3 years. Failure to complete the services outlined in Exhibit A shall be considered a breach of this Agreement unless an extension is agreed to in writing by both parties.

### 3. FEES AND PAYMENT TERMS

The total cost for services shall not exceed \$67,000 for year one, \$71,000 year two and \$75,000 year three.

Any fee for additional services must be agreed to in writing by the Village.

Contractor shall not incur any expenses or costs on behalf of the Village or in performing the Services, other than what is provided for above, unless Village specifically authorizes in advance such expenses or costs in writing. Such additional expenses may include, but are not limited to, travel and lodging expenses.

Final invoice must be provided with sufficient supporting documents for all time and material used for the project.



#### 4. RELATIONSHIP OF THE PARTIES

In performing Services hereunder, Contractor shall at all times act as an independent contractor and not as an agent or employee of Village. The Services shall be completed to the satisfaction of Village; however, the actual details of the Services shall be under Contractor's control. Contractor agrees to comply with all applicable state and federal statutes and the Municipal Code of the Village. Contractor further agrees to indemnify and hold Village harmless for any and all claims made arising out of Contractor's breach of the obligations contained in this paragraph.

Contractor is in no way authorized to make any agreement, warranty or representation on behalf of Village or to incur any expenses or implied obligation on behalf of Village without first obtaining Village's prior written consent.

#### 5. STANDARD OF PERFORMANCE AND ACCEPTANCE

Work must comply with rules & regulations outlined by the Village of Hoffman Estates Construction Standards Manual. Final inspection must be conducted by Village Public Works and Engineering staff prior to project acceptance and closing for final payment.

#### 6. INSURANCE

At Contractor's sole expense, Contractor shall be required to maintain at all times insurance of such types and such amounts, as are necessary to cover responsibilities and liabilities on a project of the character contemplated under this proposal. The Consultant shall meet all insurance requirements as stated in Article 107.27 of the "Standard Specifications for Road and Bridge Construction" adopted January 1, 2022. All insurance policies obtained for the project shall include the Village of Hoffman Estates and its duly authorized representatives as an additional insured.

Village shall be named as an additional insured and the address for certificate holder must read exactly as:

Village of Hoffman Estates  
1900 Hassell Rd.  
Hoffman Estates, IL

#### 7. INDEMNIFICATION

Contractor shall indemnify and hold harmless the Village, and all of its officers, directors, partners, officers, agents, representatives and employees of the foregoing from and against any and all losses, claims, liabilities, damages, costs, and expenses (including, without limitation, reasonable attorneys' fees and court costs) arising out of, in connection with or resulting from: (i)



the failure to comply with any applicable law or regulation or breach of this Agreement by Contractor or any of its employees, agents or contractors; (ii) performance of Services by Contractor or any of its employees, agents or contractors; (iii) the acts or omissions, including negligence or willful misconduct, of Irwin or any of its employees, agents or contractors. Nothing in this Section shall be construed as a waiver of Village's rights to choose its own counsel to defend any claim arising under this Agreement. This Section shall survive the expiration or earlier termination of this Agreement.

8. ASSIGNMENT AND SUBCONTRACTING

This Agreement shall not be assigned by Contractor without prior written approval of the Village, subject to such conditions and provisions as the Village may deem necessary in its sole and absolute discretion. No such approval by the Village of any assignment shall be deemed in any event or in any manner to provide for the incurrence of any obligation of the Village in addition to the total agreed upon price. Approval by the Village of an assignment shall not be deemed a waiver of any right accrued or accruing against Contractor. No assignee of Contractor shall assign this Agreement without prior written approval of the Village. This Agreement shall be binding upon the parties and their respective heirs, successors, and assigns. Furthermore, Contractor shall not enter into any subcontract with any agency or individual with respect to the performance of Services under this Agreement without the written consent of the Village. Such consent Village may grant, condition or withhold in Village's sole discretion.

9. NOTICE

All notices and other communications required to be given under the Agreement shall be in writing and shall be deemed to have been given (i) when personally delivered; (ii) three (3) business days after sending certified mail, or (iii) sending via email to the addresses below.

If to Village: Village of Hoffman Estates  
Eric Palm, Village Manager  
1900 Hassell Rd.  
Hoffman Estates, IL 60169

If to Contractor: M.E. Simpson Co., Inc.  
Michael D. Simpson, CEO  
3406 Enterprise Ave  
Valparaiso, IN 46383

10. GOVERNING LAW AND VENUE

The parties agree this Agreement has been executed and delivered in Illinois and that their relationship and any and all disputes, controversies or claims arising under this Agreement shall be governed by the laws of the State of Illinois, without regard to conflicts of laws principles. The parties further agree that the exclusive venue for all such disputes shall be the

Circuit Court in Cook Village, Illinois, and the parties hereby consent to the personal jurisdiction thereof.

11. COMPLIANCE WITH LAWS

Each party hereto covenants and agrees to comply with all applicable federal, state, and local laws, codes, ordinances, rules and regulations.

12. SEVERABILITY

The invalidity or unenforceability of any particular word, phrase, sentence, paragraph or provision of this Agreement shall not affect the other words, phrases, sentences, paragraphs or provisions hereof. This Agreement shall be construed in all respects as if such invalid or unenforceable provisions were omitted and the remainder construed so as to give them meaningful and valid effect. It is the intention of the parties that if any particular provision of this Agreement is capable of two constructions, one of which would render the provision void and the other of which would render the provision valid, the provision shall have the meaning which renders it valid.

13. WAIVER

Either Party's failure to insist upon strict compliance with any provision hereof or its failure to enforce any rights or remedy in any instance shall not constitute or be deemed to be a waiver of any provision, right or remedy.

14. ENTIRE AGREEMENT


This Agreement constitutes the entire agreement and understanding of the parties with regard to the subject matter contained herein and supersedes all prior agreements and understandings between the parties dealing with such subject matter, whether written or oral. No agreement hereafter made between the parties shall be binding on either party unless reduced in writing and signed by the party sought to be bound thereby.

IN WITNESS WHEREOF, the Parties have executed this contract as of the date first written above.

**The Village of Hoffman Estates**

By: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

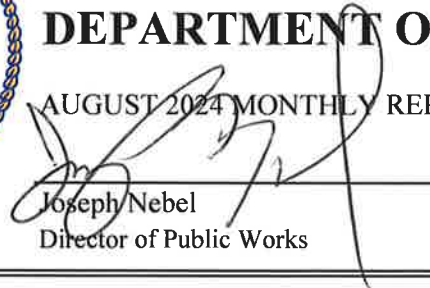
M.E. Simpson Co., Inc.

By:  \_\_\_\_\_  
Printed Name: Michael D. Simpson  
Title: CEO  
Date: August 13<sup>th</sup>, 2024



# VILLAGE OF HOFFMAN ESTATES DEPARTMENT OF PUBLIC WORKS

AUGUST 2024 MONTHLY REPORT

  
Joseph Nebel  
Director of Public Works

\_\_\_\_\_  
Bryan Ackerlund  
Assistant Director of Public Works

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## MAJOR PROJECT UPDATES:

### Well #10 Rehabilitation

*Summary:* Well #10 is the backup supply well for the South Pressure Zone which produces approximately 1,000 gallons per minute when fully operational. This well is being rehabilitated to ensure sufficient and redundant emergency backup water supply for the north and south zones, which are interconnected.

*Status:* Following an inspection of the well piping, motor, and related components, it was determined that the existing motor could not reasonably be rehabilitated and must be replaced.

*Latest Update:* A new motor has been purchased and well pump reinstallation is anticipated in August.

### Water Tower Painting - T-5

*Summary:* LC United Painting Company was awarded the contract to paint the water tower located on Olmstead Drive. Painting work is anticipated to begin after May 1, 2024 and be completed no later than July 19, 2024.

*Status:* Interior blasting and coating, exterior blasting and coating, and various repairs and safety/structural upgrades are included within the scope of work. Structural rehab and interior removal and recoating is complete.

*Latest Update:* Painting/recoating of the exterior is complete. Cellular antennas will be reinstalled on the tank prior to project closure.

### Engineering for Pfizer Lift Station Improvements

*Summary:* Ciorba Group is providing engineering services in preparation for the replacement of Pfizer Lift Station. The scope of work will include demolition and abandonment of the existing station, construction of a new submersible-style station, above-grade electrical and controls, and installation of a new upstream manhole.

*Status:* Bids were recently received for construction and construction management for the replacement of Pfizer Lift Station.

*Latest Update:* Award of the construction contract for this project is pending Village Board approval. Work is expected to begin in September 2024.

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**CUSTOMER SERVICE - Supervisor: Kevin McGraw**

**Fast Action Service Team (FAST)**

Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
121	111	116	191	186	124	158						1,007

**Customer Service**

Water Billing Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
36	36	44	27	18	36	24						221

Finance-Generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
186	136	86	97	71	127	78						781

Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
154	121	119	123	116	116	131						880

New Construction Permits												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	0	2	0	2	3	1						10

Water Meter Repair/Replace Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
9	7	10	9	12	13	11						71

MIU Installations/Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
7	8	8	3	5	8	6						45

B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	3	6	11	2	4	8						36

**Utility Locates**

JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
229	402	487	548	510	922	1,502						4,600

Emergency Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
31	32	31	27	36	47	62						266

Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	6	12	11	16	21	18						87

**FACILITIES - Superintendent: Paul Petrenko**

- 1 Started up Village Hall new chiller.
- 2 Continue upgrading P.W. lights to Led fixtures.
- 3 Fire station 24 upgraded all bay lighting fixtures to LED fixtures.
- 4 V.H. and P.D. upgraded garage and mechanical room lighting fixtures to LED fixtures.

Preventative Maintenance Program Labor Hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
90	111	162	159	195	148	174						1,039

**FLEET SERVICES - Supervisor: Joe Capiga**

- 1 Continued preparing new/replacement vehicles for up-fitting.
- 2 Continued repairs on fire apparatus and police vehicles.

Total Preventative Maintenance Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
27	21	26	25	27	13	38						177

Vehicles Sent for Warranty Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	4	5	1	5	2	1						22

**FORESTRY - Supervisor: Nick Lackowski**

- 1 Continued oversight of contractual Silver Maple and Siberian Elm removals.
- 2 Participated in the setup and break down duties associated with the Fourth Fest
- 3 Performed brush clearing along sidewalks and paths along state routes.
- 4 Crew members participated in locator training program.

Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	9	5	29	29	102	51						229

**MAINTENANCE AND CONSTRUCTION - Supervisor: Tyler Wintz**

**Storm Sewers**

- 1 Continued repairing catch basins and inlets at various locations.
- 2 Restored concrete at water/sewer excavations sites.
- 3 Cleared debris from inlets while performing inspections.

Feet of Storm Sewers Flushed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1,972	2,465	1,104	125	0	0	0						5,666

Storm Structures Rebuilt/Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	1	0	1	0	5						8

**Underground Construction**

- 1 Continued replacing and repairing out of service fire hydrants.
- 2 Assisting Water Ops with flushing various locations
- 3 Completed Maintenance & Construction CPWA night

B-box Repairs/Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	6	5	4	0	6	8						33

Hydrant Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	0	0	4	0	3						8

Valve Repairs/Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	6	1	1	0	4	3						16

Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
5	5	2	4	3	4	2						25

**TRAFFIC OPERATIONS - Supervisor: John Kovaka**

**Pavement Maintenance**

- 1 Assisted with the setup and breakdown of 4th Fest.
- 2 Made final road repairs at large water excavation site, 1750 Algonquin.
- 3 Performed driveway restorations related to the Road Reconstruction Program.
- 4 Applied pavement markings in-house at various sites and oversaw the contract marking program.
- 5 Assisted Storm Sewers with inlet repairs and concrete restorations.

Tons of Hot Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	31	35	31	8						105

Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
13	18	3	2	1	2	1						39

**Sign Shop**

- 1 Continued sign clearance brush trimming.
- 2 Fabricated and assembled new signage and banners for the 2024 Northwest Fourth Fest.
- 3 Assisted with the setup and breakdown of 4th Fest.

Sign Repairs/Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
10	14	9	17	4	8	7						69

Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
49	303	114	187	193	159	136						1,141

**Street Lights**

- 1 Assisted with the setup and breakdown of 4th Fest.
- 2 Assisted Storm Sewers with inlet repairs and concrete restorations.
- 3 Inventoried new seasonal Spring banners.
- 4 Fabricated and assembled retirement sign for Bev Romanoff.

Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	17	0	0	1	2	5						26

Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	0	1	8	34	4	7						57

**WATER OPERATIONS - Supervisor: Jeremy Jahnke**

**Operations Team**

- 1 Completed landscaping improvements at various pumping station sites.
- 2 Continued lift station valve exercising and transducer and back-up control testing.
- 3 Began Well 10 column pipe instalation.
- 4 Tower 5 painting project completion including sampeling and placing back in service.
- 5 Village Hall sever room ups electrical complete and waiting on tech for start up.
- 6 Fourth of July fest and parade set up and break down.

Resident-Requested Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	3	2	3	1	2	3						16

**Sanitary Sewer Flow Management**

- 1 Started flushing and root cutting in the north parcels.
- 2 Applied microbe treatments at various lift stations to break down fats, oils, and grease.
- 3 Root removal out of manholes on Atlantic, Pacific, and Popular Creek Dr.
- 4 Fourth of July fest and parade set up and break down.

Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
800	15,000	7,000	33,000	26,000	12,000	31,000						124,800

Sewer Mains CCTV Inspected (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	150	120	0	150	80	130						630

ACTIVE RIGHT-OF-WAY PERMITS

Location	Company/Contractor	Description of Work	Est. Start Date	Status
Higgins Road x Roselle Road to Roselle Raod x Bode Road	WanRack/JRP Utility	School District 54 private fiber optic project.	4/22/2024	In progress
Bode Road x Western Street	WanRack/JRP Utility	School District 54 private fiber optic project.	4/25/2024	In progress
1988 to 1869 Chippendale Road	WanRack/JRP Utility	School District 54 private fiber optic project.	4/25/2024	In progress
Salem Road x Daniels Court to Salem x Bode	WanRack/JRP Utility	School District 54 private fiber optic project.	4/25/2024	In progress
1063 to 400 North Salem Drive	WanRack/JRP Utility	School District 54 private fiber optic project.	4/25/2024	In progress
1320 Kingsdale Road	WanRack/JRP Utility	School District 54 private fiber optic project.	4/25/2024	In progress
1075 to 1149 W. Golf Road	Comcast/RS Service Systems	Comcast fiber upgrade	6/24/2024	In progress
1655 Airdrie Lane	Nicor	Running new gas service to home under construction.	4/15/2024	Subdivision acceptance by the Village is pending
2925 S. Barrington Road	Comcast/Directional Construction	Running new fiber to building at this location.	4/25/2024	Site meet required
Ash Road and Higgins Road	ComEd	Ash Road streetlight pole replacement.	4/9/2024	In progress
Bradley Lane and Batavia Lane	Nicor/NPL Construction	Gas line work coinciding with ongoing Village project.	4/1/2024	In progress
2260 W Higgins Road	AT&T/Pirtano	Replace failing fiber line to building.	3/15/2024	Site meet required.





VILLAGE OF HOFFMAN ESTATES  
DEPARTMENT OF DEVELOPMENT SERVICES  
**ENGINEERING DIVISION MONTHLY REPORT**

**SUBMITTED TO: PUBLIC WORKS & UTILITIES COMMITTEE**  
BY: Alan Wenderski, P.E. Director of Engineering 

**August 2024**

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**VILLAGE PROJECT UPDATES**

**2024 Preventative Maintenance**

Contract awarded to Patriot Pavement Maintenance. Awaiting preconstruction meeting and construction schedule from contractor.

**2024 Storm Sewer Rehabilitation**

Design ongoing. Staff preparing bidding documents.

**2023 Street Revitalization**

Completion of minor punch list items ongoing.

**2024 Street Revitalization – Contract 1 and 2**

Contract 1: Work ongoing. See attached project update.

Contract 2: Work ongoing. See attached project update.

**925 Grand Canyon Parkway Basin**

Living Waters Consultants is contracted to complete conceptual design and evaluate alternatives to address shoreline erosion concerns at this location. Concept plan has been completed and reviewed by staff. Grant application for IEPA Section 319 funding submitted on May 1.

**Barrington Square Town Center Sanitary Sewer**

Alternative analysis review complete. Preparation of bidding documents for lining rehabilitation portion is ongoing. V3 contracted for design engineering services.

**Batavia Lane (Rebuild Illinois Funds)**

Work substantially complete. Punch list completion is ongoing. Chastain & Associates contracted for construction engineering services.

**Beverly Road Path & Resurfacing (Beacon Pointe Drive – Prairie Stone Parkway) (STP-L funding)**

Work is ongoing. Stage 1 work complete and Stage 2 lane closures are in effect. Bridge deck work is ongoing. Civiltech contracted for construction engineering services.

**Bridge Inspections**

Agreement with Civiltech for 2024-2025 program management approved. Required 2024 inspections expected to begin in summer 2024.

**Collector Street Lighting**

Work on Thacker St and Illinois Blvd ongoing. Foundations have been installed and installation of conduits is ongoing.

**Floodplain Elevation Surveying Services**

Elevation certificates currently under review. V3 contracted for surveying services.

**Gannon Drive (Golf Road – Higgins Road)**

FHWA Local Coordination Meeting was held on June 4. Received IDOT Traffic Section Review Comments. Environmental Survey Request (ESR) review by IDOT ongoing. Completion of Phase 1 and design approval expected in January 2025. Funding for construction/construction engineering has been included in the Northwest Council of Mayors Proposed FFY 2025-2029 STP-L Program that was approved on April 29. Draft Project Development Report (PDR) submitted to staff for review. PDR submittal to IDOT to occur after staff review is completed. TranSystems contracted for Phase I engineering services.

**Hassell Road STP Resurfacing (2025) (Fairway Court – Rosedale Lane)**

Agreement for Phase II design engineering approved and executed in October 2023. Project kick-off meeting was held in December 2023. IDOT Phase II kick-off meeting was held on February 22. Staff completed review of pre-final plans. Environmental Survey Request (ESR) sent to IDOT for review and approval. Design ongoing. Civiltech contracted for design engineering.

**Hoffman Boulevard Bridge Deck Resurfacing**

Design engineering contract was awarded to Civiltech. Kick-off meeting was held in September 2023. Staff submitted funding request to IDOT.

**Huntington Boulevard Water Main Replacement (South of Lakewood Boulevard – Mundhank Road)**

Staff completed review of 90% plan submittal. IEPA permits submitted for review and approval. Awaiting submittal of final plans for review. Project scheduled to be bid in Fall 2024. HR Green contracted for design engineering.

**Village Hall Parking Lot Improvements**

MWRD Green Infrastructure Partnership kick-off meeting was held on May 30. Review of draft IGA complete and comments sent to MWRD. Site survey work completed, and final design is ongoing. Construction will be required to be completed in 2025. Hey & Associates contracted for design engineering services.

**COMMERCIAL PROJECT UPDATES****Advocate Outpatient Center – 4847 Hoffman Boulevard**

Mass grading work complete. Water, sanitary, and storm installation substantially complete. Building work and site paving work is ongoing.

**ComEd Substation Expansion – 2480 Pembroke Avenue**

Site and building work ongoing.

**Compass – 3333 Beverly Road**

Demolition ongoing. Staff review of site mass grading permit complete.

**Microsoft Data Center – 2190-2200 Lakewood Boulevard****Substation – 2200 Lakewood Boulevard****Underground Electric Installation (Pembroke – Lakewood)**

Site work for Substation complete, MWRD final inspection complete. Construction of underground electric between 2480 Pembroke substation and Microsoft substation is underway. Staff completed review of CHI06 building permit. Plans for CHI07 have been received and first staff comments generated.

**Popeye’s – 2280 W Higgins Road**

MWRD final inspection complete. Review of record drawings complete.

**Roselle TIF Culvert Replacement**

Work substantially complete. Awaiting completion of record drawings for review and for LOMR submittal to FEMA.

**RESIDENTIAL PROJECT UPDATES**

**Seasons – SE Corner of IL 72 & Moon Lake Boulevard**

Site and building work ongoing.

**Walnut Pond Estates – NE Corner of Rohrsen Road & McDonough Road (Formerly Airdrie Estates)**

Staff completed review of underground utility CCTV and awaiting response from comments. Several lots are under construction. Detention basin improvements complete, record drawing reviewed and approved by staff.

**MISCELLANEOUS UPDATES**

Released RFPs for design engineering services for 2026 Jones Rd STP Resurfacing, Grand Canyon Parkway Storm Sewer and Illinois Boulevard Storm Sewer Improvements.

**Personnel**

Welcomed the start of Melanie Carollo, Civil Engineer II.

**Rebuild Illinois Capital Plan Funds**

The Village has received notification that four grants allocated in the 2019 State Capital Bill have been released. To receive funds, grant applications must first be submitted. Once the grant application has been received and reviewed the state will provide a Grant Agreement for execution. Each grant requires completion of the corresponding project within a 2-year term starting on the date of state bond release of the funding. See below for the status of the four active grants.

<b>Project</b>	<b>Grant Funding</b>	<b>Status</b>	<b>Term</b>
Batavia Ln Infrastructure Improvements	\$250,000	Grant agreement fully executed	12/1/23 – 11/30/25
Huntington Blvd Water Main	\$1,000,000	Grant agreement fully executed	7/1/23 – 6/30/25
Storm Sewer Improvements	\$300,000	Grant application submitted by staff	7/1/23 – 6/30/25
Flagstaff Lane Infrastructure Improvements	\$300,000	Grant application submitted by staff	7/1/23 – 6/30/25

**Meetings and Training Attended**

- Northwest Council of Mayors Technical Committee (July 19) – Alan Wenderski
- GIS Committee Q3 (August 12) – Alan Wenderski
- Advanced Performance Management (August 15) – Andy LoBosco

**Engineering Site Plan Reviews**

- 225 Flagstaff Lane – Fire Station 21
- Compass
- Microsoft CHI07

- 2 E. Higgins
- Village Green Concession Building

**Floodplain Inquiries**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2023	0	1	2	1	0	1	0	0	5	2	2	0	14
<b>2024</b>	0	0	0	0	0	0	2	<b>0</b>					<b>2</b>

**Freedom of Information Requests**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2023	1	0	2	0	0	0	0	0	0	0	1	0	4
<b>2024</b>	1	1	1	2	0	1	2	<b>0</b>					<b>8</b>

**Permit Inspections**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2023	58	15	22	32	26	45	53	44	54	100	72	56	577
<b>2024</b>	22	8	13	45	67	57	68	<b>46</b>					<b>326</b>

**Permit Reviews**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2023	5	11	15	27	41	37	22	49	36	32	12	13	300
<b>2024</b>	13	10	31	63	39	34	42	<b>17</b>					<b>249</b>

**Residential Drainage Investigations**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2023	1	0	5	25	13	2	4	1	4	2	0	0	57
<b>2024</b>	0	1	1	13	10	3	5	<b>3</b>					<b>36</b>

## 2024 Street Revitalization Project Schedule Update: (Week of August 12, 2024)

RECONSTRUCTION STREETS	Start Date <sup>1</sup>	Pre-Construction			Construction													Landscaping		Percent Complete
		Layout	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
<b>ALMOND LANE</b> Higgins Rd to End of Street	8/19/2024	P																		0%
<b>ASH ROAD</b> Batavia Ln to Arizona Blvd	7/8/2024	C	N/A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	P	P	95%
<b>ASH ROAD</b> Arizona Blvd to Higgins Rd	7/8/2024	C	N/A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	P	P	95%
<b>BATAVIA LANE</b> Ash Rd to Bradley Ln	4/3/2024	C	C	C	C	C	C	C	C	C	C	C	C	C	C	N/A	C	C		100%
<b>GOLDENROD LANE</b> Mumford Dr to Sumac Tr	4/2/2024	C	C	C	C	C	C	C	C	C	C	C	C	C	C	P	C	C		99%

<sup>1</sup>Tentative / Actual

P	In Progress	C	Completed
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**Definition of Construction Steps:**

- Layout: Village engineers evaluate existing conditions, determine removals, and complete construction staking.
- Tree Root Pruning: A circular saw machine cuts tree roots to reduce damage to the tree during construction.
- Sawcutting: A circular saw machine cuts the concrete and asphalt at construction joints.
- Concrete Removal: The contractor removes existing sidewalk, curb and gutter, and driveway aprons that will be replaced.
- Asphalt Removal: The contractor uses either a backhoe or milling machine to remove existing asphalt layers.
- Earth Excavation: Removal of all materials located below the existing road to a stabilized subgrade.
- Sub base Backfill: The installation of stone to a depth of 8" – 12" with a layer of geotextile fabric.
- Storm Sewer: Repair and replacement of existing storm sewer structures and pipes.
- Curb & Gutter: The installation of concrete curb and gutter utilizing mechanical equipment or hand tools.
- Driveway Aprons: The replacement of asphalt and concrete driveway aprons.
- Sidewalks: The replacement of concrete public sidewalks.
- Fine Grading: The shaping of the stone sub base to ensure drainage, compaction, and elevation.
- Asphalt Binder: The first layer of asphalt.
- Asphalt Patching: Repair of localized pavement failures on resurfacing streets.
- Asphalt Surface: The final layer of asphalt.
- Striping: Completion of permanent pavement striping.

## 2024 Street Revitalization Project Schedule Update: (Week of August 12, 2024)

RESURFACING STREETS	Start Date <sup>1</sup>	Pre-Construction		Construction										Landscaping		Percent Complete
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed	
<b>ARIZONA BOULEVARD</b> Roselle Rd to Higgins Rd	6/28/2024	C	C	C	C	C	C	C	C	C	C	C	C	C	C	100%
<b>ARLINGTON STREET</b> Thacker St to Alhambra Ln	5/16/2024	C	C	C	C	C	C	C	C	C	C	C	C	C	C	100%
<b>ASCOT COURT</b> Partridge Hill Dr to End of Street	4/19/2024	C	C	C	C	N/A	C	N/A	C	C	C	C	N/A	C	C	100%
<b>ASHLEY ROAD</b> Cambridge Ln to Evergreen Ln	8/12/2024	C	P	P			P	P	P							0%
<b>BICEK COURT</b> Bicek Dr to End of Street	3/20/2024	C	C	C	C	N/A	C	C	C	C	C	C	P	C	C	99%
<b>BICEK DRIVE</b> Huntington Blvd to Sapphire Dr	3/20/2024	C	C	C	C	C	C	C	C	C	C	C	P	C	C	99%
<b>CAMERON COURT</b> Rochester Dr to End of Street	3/18/2024	C	C	C	C	N/A	C	C	C	C	C	C	N/A	C	C	100%
<b>CANDLEWOOD LANE</b> Kingsdale Rd to Darlington Cir	4/22/2024	C	C	C	C	C	C	C	C	C	N/A	C	N/A	C	C	100%
<b>CARMEL COURT</b> Pebble Beach Dr to End of Street	5/14/2024	C	C	C	C	C	C	C	C	C	C	C	N/A	C	C	100%
<b>CHIPPENDALE ROAD</b> Hassell Rd to End of Street	6/13/2024	C	C	C	C	C	C	C	C	C	C	C	P	C	C	99%
<b>COOPER ROAD</b> Cambridge Ln to Durham Ln	8/12/2024	C	P	P			P	P	P				N/A			0%
<b>CRESCENT LN</b> Brookside Dr to Volid Dr	4/23/2024	C	C	C	C	C	C	C	C	C	C	C	P	C	C	99%
<b>CUMBERLAND STREET</b> Bradley Ln to Berkley Ln (E)	5/29/2024	C	C	C	C	C	C	C	C	C	C	C	C	C	C	100%
<b>DEXTER LANE N</b> Wainsford Dr to Dovington Dr	4/11/2024	C	C	C	C	N/A	C	C	C	C	C	C	P	C	C	99%
											P	In Progress		C	Completed	

<sup>1</sup>Tentative / Actual

## 2024 Street Revitalization Project Schedule Update: (Week of August 12, 2024)

RESURFACING STREETS	Start Date <sup>1</sup>	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
<b>DOUGLAS COURT</b> Decatur St to End of Street	8/9/2024	C	C	C		P	P	P	P								10%
<b>EVANSTON STREET</b> Illinois Blvd to Bode Rd	8/26/2024																0%
<b>EXETER COURT</b> Kingston Dr to End of Street	3/20/2024	C	C	C	C	N/A	C	C	C	C	C	C	N/A	C	C		100%
<b>FAIRMONT ROAD</b> Golf Rd to Higgins Rd	5/1/2024	C	C	C	C	N/A	C	C	C	C	C	C	P	C	C		99%
<b>FLAGSTAFF LANE</b> Woodlawn St to Western St	5/20/2024	C	C	C	C	C	C	N/A	C	C	C	C	P	C	C		99%
<b>LICHFIELD DRIVE (S)</b> Chambers Dr to Somerton Dr	3/19/2024	C	C	C	C	C	C	C	C	C	C	C	P	C	C		99%
<b>MAYWOOD LANE</b> Washington Blvd to Olive St	8/26/2024																0%
<b>MORGAN LANE</b> Payson St to Illinois Blvd	8/19/2024	C	C			P											20%
<b>NEWTON STREET</b> Mohave St to End of Street	6/7/2024	C	C	C	C	C	C	C	C	C	C	C	N/A	C	C		100%
<b>PEBBLE BEACH DRIVE</b> Moon Lake Blvd to Volid Dr	5/6/2024	C	C	C	C	C	C	C	C	C	C	C	P	C	C		99%
<b>RED OAK DRIVE</b> Essex Dr to Rohrssen Rd	4/1/2024	C	C	C	C	N/A	C	N/A	N/A	C	C	C	P	C	C		99%
<b>ROCHESTER DRIVE</b> Chambers Dr to Kingston Dr	3/18/2024	C	C	C	C	C	C	C	C	C	C	C	P	C	C		99%
<b>WARWICK CIRCLE (S)</b> Gannon Dr to Worthington Dr	4/12/2024	C	C	C	C	N/A	C	C	C	C	C	C	P	C	C		99%
<b>WILDWOOD COURT</b> Westbury Dr to End of Street	4/1/2024	C	C	C	C	N/A	C	C	C	C	C	C	P	C	C		99%
										P	In Progress			C	Completed		

<sup>1</sup>Tentative / Actual