



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, 2020 To March, 2021

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: Cook

City: Hoffman Estates State: IL Zip: 60169 Telephone: 847-252-5800

Contact Person: Alan Wenderski, P.E. Email Address: alan.wenderski@hoffmanestates.org
(Person responsible for Annual Report)

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

Cook County Kane 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 checked="" type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input checked="" 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:

5/28/21
Date:

Director of Engineering

Title:

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

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

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

**ANNUAL FACILITY INSPECTION REPORT
FOR NPDES PERMIT FOR STORM WATER DISCHARGES FROM SEPARATE
STORM SEWER SYSTEMS (MS4)**

**Village of Hoffman Estates
Year 18: March 2020 – March 2021**

Section A. Changes to the Best Management Practices

There has been two changes to the Best Management Practices (BMPs) from the six minimum control measures as submitted in the Notice of Intent (NOI) for the Village of Hoffman Estates for the reporting period from March 2020 to March 2021.

For A.4, Community Event, the Village was unable to host a community event to promote clean-up in areas to decrease the amount of wastes in the environment, enter the waterway and storm sewer system. Instead, a weekly sweep of high debris collection areas was enacted to help decrease environmental and stormwater pollution.

For B.1, Public Panel, the Village was unable to host a committee meeting due to the COVID 19 social distancing requirements. However, the committee members did receive an update memorandum highlighting various storm water activities and projects.

Section B. Status of Compliance with Permit Conditions

The Village of Hoffman Estates is committed to the implementation of the BMPs in order to meet the requirements of the NPDES Phase II Stormwater Program. The status or progress of most of the measurable goals have been met or exceeded. This is especially noted for all site development construction projects.

The Village of Hoffman Estates has implemented numerous Best Management Practices (BMPs) in compliance with the goals outlined in the Village's 2014 Notice of Intent (NOI). The following is a status report on each of the BMPs and the activities that were undertaken during the March 2020 to March 2021 reporting period. The status or progress summary for each of the measurable goals in the minimum six compliance areas is presented below.

1. Public Education and Outreach

a. BMP No. A.1 Distributed Paper Material

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

Milestones: Year 18: Publish one stormwater pollution prevention related article annually.

BMP Status: The Village of Hoffman Estates 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 March 2020 to March 2021 reporting period.

Two articles were published in May 2020 that were titled “What’s the Difference Between Sanitary and Storm Sewers?” and “Storm Sewer Infrastructure”, discussing water conservation tips and the efforts of the Village to keep debris and chemicals out of the storm sewer system with help from residents and businesses. Another article was published in May 2020, titled “Free Drainage Advice” that advertises the Village’s effort to help residents to solve their drainage problem properly without creating adverse stormwater pollution. An additional article was published in August 2020, titled “10 Facts about Storm Water” that supports the Village’s efforts to educate residents and businesses about stormwater quality. A new brief notice was published in November 2020, titled “Keep Leaves Off The Street”, informed residents and businesses about the Village’s Municipal Code not allowing yard waste to enter the storm sewer system, causing obstructions, and mentioned how to remove the yard waste properly.

The Village also maintains an electronic copy of its stormwater quality articles online on the Village of Hoffman Estates’ website.

b. BMP No. A.3 Public Service Announcement

Measurable Goal(s): Twice a year, announce residential and commercial waste and recycling management opportunities through the Village website and newsletter.

Milestones: Year 18: Twice a year, announce residential and commercial waste and recycling management opportunities.

BMP Status: The Village of Hoffman Estates publishes a newsletter that is mailed directly to residents and businesses in the Village. The Village continued publishing various notices of recycling and waste management opportunities for almost every month during the reporting period. For example, in April 2020, a notice was published that yard waste collection had resumed, for the June 2020 notice, an electronics recycling drop-off opportunity was mentioned and the September 2020 notice stated that Public Works was coordinating a branch pick up service. The August 2020 newsletter

informed residents that the Village will be hosting a large recycling event to collect various electronics, expired drugs/sharps, CFL light bulbs, batteries, printer cartridges and latex paint and to introduce its first textile recycling opportunity. In December 2020 and January 2021, reminders were sent about recycling options for Christmas trees and holiday lights. These articles and many more reminded readers of the proper disposal or recycling options of various items.

In 2020, due to the Village-wide notices about recycling opportunities, 200 lbs. of batteries were collected and were recycled, 57 tons of electronics were collected throughout the reporting period from April through November and an additional 4.5 tons of electronics were collected at the one-day recycling event in August 2020. Additionally at this event, sharps and pharmaceuticals saw a collection rate of 270 lbs. and 163 lbs. respectively.

The Village of Hoffman Estates utilizes the services of the Solid Waste Agency of Northern Cook County (SWANCC) to accept household hazardous materials from Hoffman Estates residents and businesses. Various events occur throughout the reporting period that includes arranging for drop off events and supplying the location of permanent SWANCC facilities that accept the hazardous items.

The Village updates the Village website by posting copies of the newsletter and inserting information within the Sustainability Commission, Public Works, Engineering and Code Enforcement pages for residents and business to access. Upcoming recycling events are announced on the Village's home page for all to see.

c. BMP No. A.4 Community Event

Measurable Goal(s): The Village Improvement Day will be held annually to help decrease environmental and stormwater pollution.

Milestones: Year 18: Continue to host Improvement Day annually.

BMP Status: The Village of Hoffman Estates Public Works Department conducts a weekly right-of-way check along major roadways in an effort to minimize illegal dumping and ensure that materials are disposed of correctly. This weekly debris check is conducted by department staff from a dedicated team. Debris is removed from rights-of-way and Village grounds at Village Hall, Hoffman Estates Police Department, Golf and Higgins Road, Roselle Road, Algonquin Road, and Huntington Boulevard. The Forestry team also collects

refuse at mowing sites and debris that has gathered in areas snow-fenced by the Village. The Public Works Department also holds an annual ROW cleanup effort, assigning specific locations to each division or crew.

Typically, environmental information brochures are distributed during the Public Works Open House Event in November each year. However, this event was canceled in 2020 due to the COVID pandemic. The information is available on the Village website and sent via Village social media accounts and the Citizen newsletter, containing a storm water brochure labeled, “After the Storm – A Citizen’s Guide to Understanding Stormwater” and a one called “Stream Maintenance” to inform residents and businesses about the benefits of maintaining a clear stream to prevent flooding.

2. Public Participation/Involvement

a. **BMP No. B.1 Public Panel**

Measurable Goal(s): Hold one meeting every 18 months to discuss the NOI, MS4 annual inspection report, the Village’s Storm Water Management Plan and stormwater related activities and projects.

Milestones: Year 18: The Storm Water Management Committee will meet.

BMP Status: Due to COVID-19 precautions, the Storm Water Management Committee was unable to convene for a meeting in 2020. However, members did receive an Update memorandum highlighting various topics on August 11, 2020 to keep them informed about the Annual Drainage Improvement Project List and Village Drainage Policy, and the new notice from the Illinois State Water Survey, called the Precipitation Frequency Study for Illinois March 2020, Bulletin 70. Additionally, the memorandum provided more information about the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Watershed Management Ordinance (WMO) - May 7, 2020 amendment and discussed the NPDES permit and Stormwater Management Plan, Village Drainage Policy, and various Village-wide storm sewer improvement projects.

b. **BMP No. B.7 Other Public Involvement**

Measurable Goal(s): The Village will inform the residents and businesses twice a year of the existence of a contact number to report stormwater related issues.

Milestones: Year 18: Inform residents and businesses of the existence of a contact number.

BMP Status: The Village of Hoffman Estates publishes a newsletter that is mailed directly to residents and businesses in the Village. The Village publishes a contact number to report illegal dumping or spills within its stormwater quality articles located in the newsletter during the March 2020 to March 2021 reporting period.

Three articles were published during this reporting period that requested the residents and businesses help in keeping stormwater pollution at a minimum and how to report any issues. Two of those articles were published in May 2020 that were titled “What’s the Difference Between Sanitary and Storm Sewers?” and “Storm Sewer Infrastructure”, discussing the efforts of the Village to keep debris and chemicals out of the storm sewer system with help from residents and businesses. The third article was published in August 2020, titled “10 Facts about Storm Water” that support the Village’s efforts to educate residents and businesses about stormwater quality.

The Village also maintains an electronic copy of its stormwater quality articles online on the Village of Hoffman Estates’ website. The Village of Hoffman Estates Public Works Department also has a webpage outlining its storm sewer maintenance responsibilities where readers are encouraged use the contact number to report any violations or contaminants.

3. Illicit Discharge Detection and Elimination

a. BMP No. C.1 Storm Sewer Map Preparation

Measurable Goal(s): Annually review the storm sewer map with respect to Village projects and new developments that have occurred and update as needed.

Milestones: Year 18: Review the storm sewer map and update as needed.

BMP Status: The Village of Hoffman Estates has an existing storm sewer map that is updated routinely in the Village’s GIS system. Both Public Works and GIS employees monitor, maintain and verify the storm sewer system map. The GIS map allows detailed information to be incorporated into the drawings of each pipeline, structure and outfall. As-built information is collected and entered for all completed site development and other Village projects.

b. BMP No. C.2 Regulatory Control Program

Measurable Goal(s): Enforce the Village Code to regulate discharges into the storm sewer system.

Milestones: Year 18: Continue to enforce the Village Code for illicit discharges.

BMP Status: The Village of Hoffman Estates continues to enforce its Village Code that prohibits non-stormwater discharges into its storm sewer system.

c. BMP No. C.3/C.7 Detection/Elimination Prioritization Plan

Measurable Goal(s): Continually inspect and monitor outfalls and discharges for the detection and elimination of illicit discharges.

Milestones: Year 18: Continue to inspect and monitor for illicit discharges.

BMP Status: The Village Public Works Department preforms a monthly inspection of all outfalls and creek lines to monitor any illicit discharge. Inspection results are recorded and maintained for historical reference.

The Public Works Department cleaned over 170 catch basins and cleaned approximately 4,185 feet of the Parcel A, Salt Creek West Branch and approximately 2,965 feet of Poplar Creek East Branch along Hassell Road and 3,068 feet of a creek feeding into the Poplar Creek basin along Mallard Lane during the reporting period.

d. BMP No. C.9 Public Notification

Measurable Goal(s): The Village will inform the residents and businesses annually of the existence of a contact number to report illegal dumping or illicit discharges.

Milestones: Year 18: Inform residents and businesses of the existence of a contact number.

BMP Status: Through published Village-wide newsletter articles, Facebook and Twitter pages, and the Village website about storm water quality, the public is encouraged to report any deficiencies, blockages or illicit discharges directly to Public Works or the Police non-emergency number. Homeowners are encouraged to report any possible code violations and/or contaminants that may be or have been dumped down a storm sewer catch basin inlet or creek line.

e. BMP No. C.10 Other Illicit Discharge Controls

Measurable Goal(s): 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.

Milestones: Year 18: Continue program to stencil inlets within the Street Project.

BMP Status: The Village's street construction project requires that all new storm drain grates shall be Neenah R-3278-A, with barred style curb box that shows "DUMP NO WASTE DRAINS TO WATERWAY" lettering on the grate, or an approved equivalent grate for Type B6.12 and Neenah R-3501-P for M3.12 curb and gutter. For the 2020 Street Revitalization Project, 47 new B6.12 frame and grates and 26 new M3.12 frame and grates, for a total of 73, were installed at various street locations.

4. Construction Site Runoff Control

- a. **BMP No. D.1/D.2/D.4/D.6 Regulatory Control Program, Erosion and Sediment Control BMPs, Site Plan Review Procedures, Site Inspection/Enforcement Procedures**

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

Milestones: Year 18: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of the BMPs, and respond to complaints.

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 the Village Ordinance. 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.

5. Post-Construction Runoff Control

- a. **BMP No. E.2/E.3/E.4/E.5/E.6 Regulatory Control Program, Long Term O & M Procedures, Pre-Construction Review of BMP Designs, Site Inspections During Construction, Post-Construction Inspections**

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

Milestones: Year 18: 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 existing sites. Construction sites are inspected during and after construction for conformance and to facilitate in reducing polluted runoff.

6. Pollution Prevention/Good Housekeeping

a. BMP No. F.1 Employee Training Program

Measurable Goal(s): 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.

Milestones: Year 18: Continue stormwater pollution prevention training for Village employees.

BMP Status: The Village of Hoffman Estates 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 a component conducted by the Village in preventing or reducing stormwater pollution.

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

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

b. BMP No. F.2 Inspection and Maintenance Program

Measurable Goal(s): Continually inspect and maintain the storm sewer system.

Milestones: Year 18: Continue conducting formal inspection and maintenance.

BMP Status: The Village of Hoffman Estates Public Works Department has a formal Standard Operating Procedure in place for Drainage System Maintenance that is followed semi-annually or more frequently after a major storm event. Currently, the storm sewer inspection and maintenance program is conducted on various inlets and outfalls throughout the Village as noted on the inspection log. The regular inspection and maintenance program is also designed to reduce pollutant runoff from municipal facilities and operations. Employee training for material handling, storage, inspection and maintenance is also a component conducted by the Village in preventing or reducing stormwater pollution.

c. BMP No. F.3 Municipal Operations Storm Water Control

Measurable Goal(s): Continue the street sweeping program. Continue offering curbside yard waste and leaf collection weekly from April through the end of November.

Milestones: Year 18: Continue current programs with the current schedule.

BMP Status: The Village of Hoffman Estates' Public Works Department oversees the street sweeping program which conducted four full sweeps in 2020; July, September, October and November sweeps. No partial sweeps were conducted in 2020.

The Village continues to offer curbside yard waste and leaf collection weekly from April to November through the Village's waste management provider. Fall branch pick up was also offered by the Public Works Department while the spring branch pick up was canceled due to social distancing requirements related to COVID 19. However, the Village provided the option for a brush drop-off program instead and as seen in the May 2020 Citizen. These services are advertised through the Village-wide newsletter.

Section C. Results of Information Collected/Analyzed/Monitoring

The Village of Hoffman Estates participates in the DuPage River Salt Creek Workgroup (DRSCW) and supports its water quality monitoring program, which meets the ILR40 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 member and participant 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, the Illinois State Water Survey and the 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 requirement for the portion of the community located within the Fox River Watershed, which includes Poplar Creek, a contributor to 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 directly coordinates with the IEPA on the efforts described in the FRIP.

The Village of Hoffman Estates 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.

Section D. Summary of Planned Storm Water Activities During the Next Reporting Cycle

The Village of Hoffman Estates acknowledges that the activities mentioned below are based upon the existing 2014 NOI document and are subject to change. Whereas, the Village received notice in early May 2021 of a new NOI format that was due to be completed and submitted to the IEPA. We are currently working on the new NOI and will submit later, therefore possibly changing the planned stormwater activities listed since the Village's annual report for 2021-2022 will be based upon the 2021 NOI document.

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

1. Public Education and Outreach

a. BMP No. A.1 Distributed Paper Material

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

Milestones: Year 19: Publish one stormwater pollution prevention related article annually.

b. BMP No. A.3 Public Service Announcement

Measurable Goal(s): Twice a year, announce residential and commercial waste and recycling management opportunities through the Village website and newsletter.

Milestones: Year 19: Twice a year, announce residential and commercial waste and recycling management opportunities.

c. BMP No. A.4 Community Event

Measurable Goal(s): The Village Improvement Day will be held annually to help decrease environmental and stormwater pollution.

Milestones: Year 19: Continue to host Improvement Day annually.

2. Public Participation/Involvement

a. BMP No. B.1 Public Panel

Measurable Goal(s): Hold one meeting annually to discuss the NOI, MS4 annual inspection report, the Village's Storm Water Management Plan and stormwater related activities and projects.

Milestones: Year 19: The Storm Water Management Committee will meet as needed.

b. BMP No. B.7 Other Public Involvement

Measurable Goal(s): The Village will inform the residents and businesses twice a year of the existence of a contact number to report stormwater related issues.

Milestones: Year 19: Inform residents and businesses of the existence of a contact number.

3. Illicit Discharge Detection and Elimination

a. BMP No. C.1 Storm Sewer Map Preparation

Measurable Goal(s): Annually review the storm sewer map with respect to Village projects and new developments that have occurred and update as needed.

Milestones: Year 19: Review the storm sewer map and update as needed.

b. BMP No. C.2 Regulatory Control Program

Measurable Goal(s): Enforce the Village Code to regulate discharges into the storm sewer system.

Milestones: Year 19: Continue to enforce the Village Code for illicit discharges.

c. BMP No. C.3 Detection/Elimination Prioritization Plan

Measurable Goal(s): Continually inspect and monitor outfalls and discharges for the detection and elimination of illicit discharges.

Milestones: Year 19: Continue to inspect and monitor for illicit discharges.

d. BMP No. C.7 Visual Dry Weather Screening

Measurable Goal(s): Continually inspect and monitor outfalls and discharges for the detection and elimination of illicit discharges.

Milestones: Year 19: Continue to inspect and monitor for illicit discharges.

e. BMP No. C.9 Public Notification

Measurable Goal(s): The Village will inform the residents and businesses annually of the existence of a contact number to report illegal dumping or illicit discharges.

Milestones: Year 19: Inform residents and businesses of the existence of a contact number.

f. BMP No. C.10 Other Illicit Discharge Controls

Measurable Goal(s): 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.

Milestones: Year 19: Continue program to stencil inlets (and/or equivalent, by replacing frame and grates) within the Street Project.

4. Construction Site Runoff Control

a. BMP No. D.1 Regulatory Control Program

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

Milestones: Year 19: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of the BMPs, and respond to complaints.

b. BMP No. D.2 Erosion and Sediment Control BMPs

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

Milestones: Year 19: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of the BMPs, and respond to complaints.

c. BMP No. D.4 Site Plan Review Procedures

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

Milestones: Year 19: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of the BMPs, and respond to complaints.

d. BMP No. D.6 Site Inspection/Enforcement Procedures

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

Milestones: Year 19: Review site plans for appropriate BMPs, inspect construction sites for proper installation and maintenance of the BMPs, and respond to complaints.

5. Post-Construction Runoff Control

a. BMP No. E.2 Regulatory Control Program

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

Milestones: Year 19: 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.

b. BMP No. E.3 Long Term O & M Procedures

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

Milestones: Year 19: 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.

c. BMP No. E.4 Pre-Construction Review of BMP Designs

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

Milestones: Year 19: 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.

d. BMP No. E.5 Site Inspections During Construction

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

Milestones: Year 19: 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.

e. BMP No. E.6 Post-Construction Inspections

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

Milestones: Year 19: 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.

6. Pollution Prevention/Good Housekeeping

a. BMP No. F.1 Employee Training Program

Measurable Goal(s): 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.

Milestones: Year 19: Continue stormwater pollution prevention training for Village employees.

b. BMP No. F.2 Inspection and Maintenance Program

Measurable Goal(s): Continually inspect and maintain the storm sewer system.

Milestones: Year 19: Continue conducting formal inspection and maintenance.

c. BMP No. F.3 Municipal Operations Storm Water Control

Measurable Goal(s): Continue the street sweeping program. Continue offering curbside yard waste and leaf collection weekly from April through the end of November.

Milestones: Year 19: Continue current programs with the current schedule.

Section E. Notice of Qualifying Local Program

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

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

Construction projects in Permit Year 18 funded by the Village of Hoffman Estates and covered by General Permit ILR400210 are listed below:

- 2020 Street Revitalization Project
- 2020 Contract Street Sweeping Program
- Illinois Storm Sewer Replacement
- Annual Creek Cleaning Project
- 2020 Sanitary Sewer Rehabilitation Program
- Water System Projects
- Miscellaneous Sanitary Sewer Projects
- Miscellaneous Street Rehabilitation Program

**ATTACHMENT
FOR
BMP A.1**

Sample Article

Hoffman Estates Citizen

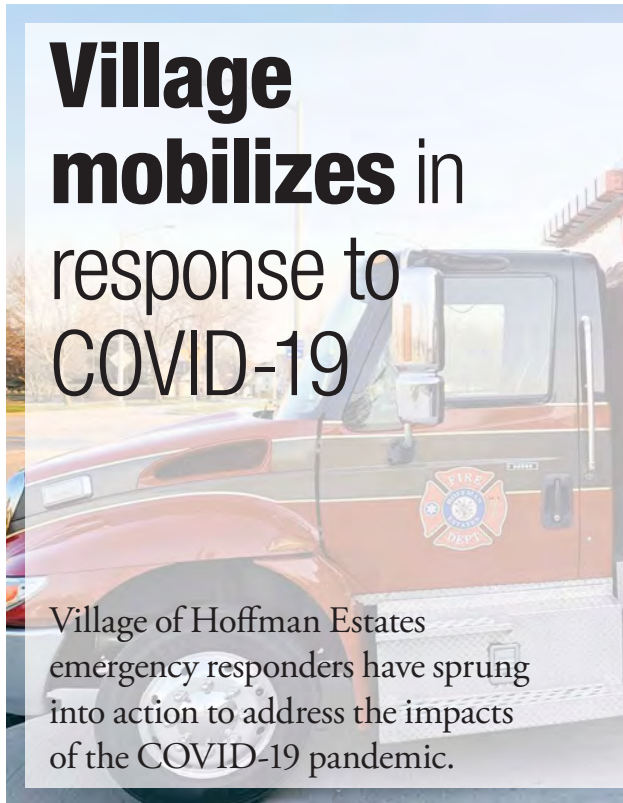
May 2020

News from the Village of Hoffman Estates

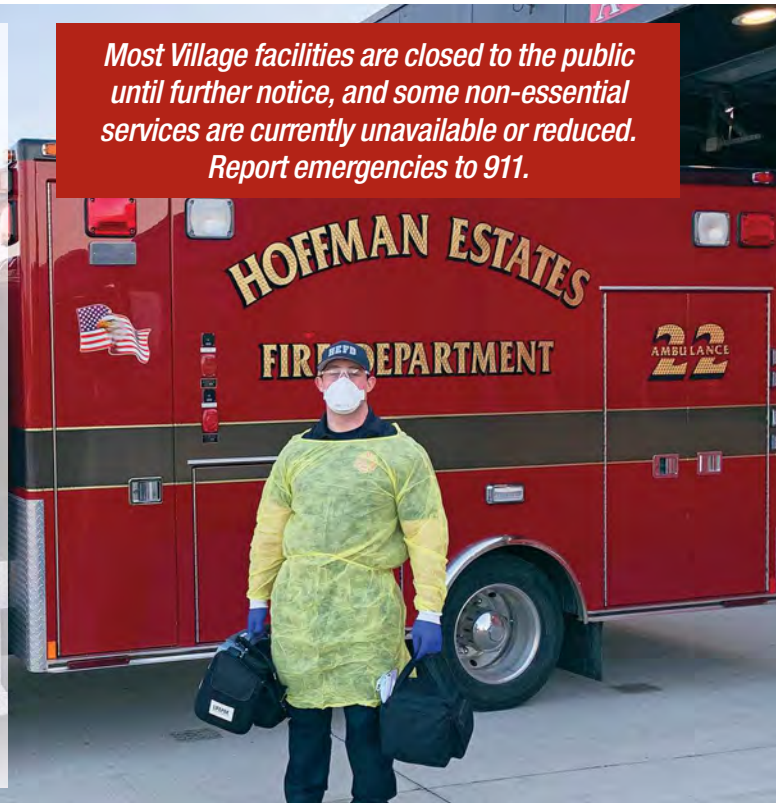
Stormwater Pollution Prevention Articles (see red boxes)

Village mobilizes in response to COVID-19

Village of Hoffman Estates emergency responders have sprung into action to address the impacts of the COVID-19 pandemic.



Most Village facilities are closed to the public until further notice, and some non-essential services are currently unavailable or reduced. Report emergencies to 911.



The Village’s firefighter-paramedics are truly on the front line, transporting patients in respiratory distress to area hospitals. Our police officers are the “boots on the ground,” assisting the community and educating residents on the best ways to stay safe. Public Works keeps the water flowing and the toilets flushing, while Health and Human Services provides critical mental health services and coordinates support for senior citizens and other vulnerable populations. Meanwhile, Development Services supports our local business community and makes sure that essential businesses, such as restaurants and grocery stores, continue to operate safely.

The Village’s “virtual” Emergency Operations Center, or EOC, has been active since mid-March. The EOC team meets online each day to discuss impacts to services, staffing and more. Important updates are communicated to the public using the Village’s channels (turn to page 3 for more information).

While facilities remain closed or operating with reduced staffing, our dedicated team of public servants continues to deliver critical Village services.

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Stay in touch with the Village

Things can change rapidly, and (now more than ever) it's important to make sure the Village can contact you if needed. The Village uses a number of communication tools to make sure residents and the local business community stay informed.

Regular updates on Village services, like trash and recycling pickup, are posted on the Hoffman Estates website and social media channels. Make sure to follow the Village on Facebook at [@HoffmanEstatesIL](#) and Twitter at [@HoffmanTweets](#).

The Village's weekly eNews email blast includes information on services, events and more. Visit www.hoffmanestates.org/enews to sign up.



Residents are also encouraged to sign up for emergency updates through the Everbridge Mass Emergency Notification System. In an emergency, Village personnel can notify residents in a matter of minutes. Everbridge delivers messages across all communication platforms, including cell and landline phone numbers, email addresses, text messages and more. Residents can specify the ways they would like to be contacted, by order of preference. No special equipment is needed, and you will only be notified of urgent situations that affect the area in which your home is located. Sign up at www.hoffmanestates.org/emergencyalert, or call 847-882-9100 for information.

Spring brush pickup canceled, brush drop-off extended

The 2020 spring brush/branch pickup program has been canceled due to social distancing requirements related to COVID-19. To provide an option for residents, the Village is extending this year's brush drop-off program. Residents may bring brush to the Public Works Fleet Maintenance Facility, 2405 Pembroke Ave., on the first and third Saturday of each month from 8 a.m. to 1 p.m., free of charge. This program will begin on Saturday, May 2, and runs through September. We will be accepting residential brush/branches only (no commercial loads) and proof of residency is required. For more information, call 847-490-6800. The brush/branch pickup program is scheduled to resume in the fall. Residents may also use Groot's yard waste programs to dispose of brush and branches. Visit www.hoffmanestates.org/yardwaste for more information.



A message from Mayor McLeod

The outpouring of support shown by residents and business owners throughout this crisis is nothing short of amazing. Many of you have stepped up to check on neighbors through text, phone calls or video conferencing. You've raised funds to purchase personal protective equipment and food for our medical professionals. You've assisted your elderly friends by shopping on their behalf. You've donated food and money to our food banks, which struggle even during the best of times. In short, you've found ways to make a tangible difference. Your response makes me proud to be your Mayor, and I know I speak for our Trustees, Village Clerk and Village employees when I say that we are grateful for your efforts to help. Please share your stories and photos with me when you can by emailing bill.mcleod@hoffmanestates.org.

Through the trials of this crisis, we must celebrate what we can! Mother's Day falls on Sunday, May 10, and there are some wonderfully creative ways we can honor the women in our lives. Have the kids draw a card or help make breakfast. Watch a favorite movie or TV show with your mom, grandma or a special woman in your life. Whatever you decide to do, celebrate those women who have made a positive impact.

In addition, May is a time to remember the many military personnel who died while serving in the United States armed forces. I have no doubt your efforts to honor these fallen heroes on Memorial Day, Monday, May 25, will be well received!

Have you filled out the census yet? There's still time – visit www.2020census.gov today! The process is simple and confidential, and it is essential to help the Village of Hoffman Estates receive fair representation and funding for critical local issues.

As always, if you have questions or just want to drop a note to say hello, you can call me at 847-815-3842 or email bill.mcleod@hoffmanestates.org.

Bill McLeod



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www.youtube.com/hoffmanestatesil



Sign up for eNews!
www.hoffmanestates.org/enews

Community briefs

Memorial Day observance

The Village Hall will be closed on Saturday, May 23, and Monday, May 25.

Fire department promotions

The Hoffman Estates Fire Department promoted Battalion Chief Paul Bilodeau to deputy chief, Captain Chris Lenczewski to battalion chief, Lieutenant Donald Richter to captain, Firefighter Richard Anderson to lieutenant and Firefighter Ryan Bebe to lieutenant at a ceremony on April 1. Congrats!



Pictured (L-R): Capt. Richter, Lt. Bebe, Lt. Anderson, Deputy Chief Bilodeau, Battalion Chief Lenczewski, Chief Patrick Fortunato and Deputy Chief Thomas Mackie practice social distancing.

Memorial Day garbage collection delayed

Garbage, recycling and yard waste collection will be delayed one day in observance of the Memorial Day holiday. Monday collection will be on Tuesday, May 26, and Wednesday collection will be on Thursday, May 28.

Storm sewer infrastructure

The Public Works Department is responsible for the maintenance and repair of all Village-owned storm sewers. Monthly inspections are performed on drainage ways and lake/pond outfall lines to reduce the risk of flooding. You can help by keeping storm sewer inlets free of obstructions. If you see leaves, paper, branches or ice obstructing an inlet, remove the items so water from the street can flow unobstructed. Call Public Works to report any inlet that is not draining or is causing a large volume of water to collect on the street. If any settlement is noticed around the structure, it may indicate a collapsed sewer or other problem that needs to be corrected. If you observe these conditions or have a question, call 847-490-6800. Working together, we can keep the Village's storm sewer infrastructure working at peak efficiency.

Virtual park district services

The Hoffman Estates Park District is pleased to offer several online services and activities during these uncertain times. For more information on their "virtual" recreation center, visit www.heparks.org.

Summer concerts on TV

While the future of the 2020 summer concert series continues to be analyzed in light of the state's "Stay at Home" order, the Village invites residents to tune in to HETV (Hoffman Estates TV) to watch concerts from previous years. The channel is currently broadcasting old concerts throughout the week and weekend, as well as on Thursday nights during the summer. HETV is available on both Comcast (channel 6) and AT&T U-Verse (channel 99). For more information on the Arts Commission, visit www.hoffmanestatesarts.com.



Watering ban reminder

The Village watering ban is in effect from May 15 to Oct. 1. All outside water use is banned between the hours of 11 a.m. and 5 p.m. This includes lawn sprinkling, washing cars, filling swimming pools or any recreational use of hoses. The ban complies with state water conservation practices. Violators can receive a citation, which carries a \$50 fine for the first offense.



Counseling services

Health and Human Services offers professional counseling services to residents. Counseling can improve an individual's life by reducing stress, working through change and increasing satisfaction related to work, school and relationships. Services are available for individuals, couples and families. Fees are affordable for all households, and are provided on a sliding scale based on household income. Call 847-781-4850 for information.

Cook County Community Recovery Fund

Cook County has launched a comprehensive initiative to provide economic relief to small businesses, nonprofits, community service organizations and independent contractors (1099 workers) in response to the COVID-19 pandemic. The Cook County Community Recovery Fund will provide rapid-relief loans of up to \$20,000 in suburban Cook County. For more information and to apply, visit www.cookcountyil.gov/recovery.



Send a Smile campaign

Schaumburg Township is collecting hand-made cards, drawings and pick-me-up notes for older adults and people with disabilities. Consider creating an uplifting message for a neighbor! No artistic experience required. Help them reach their goal of 2,250 cards! There are two ways to submit: you can either mail or drop off your creations at 1 Illinois Blvd., Hoffman Estates, IL 60169, Attn. Megan Conway. The township can also pick up quantities of 30 or more. Call 847-450-8011 for more information.

Welcome new businesses!

El Taurino Mexican Grill
4 Golf Center



Empowered and Authentic Living, LLC
2500 W. Higgins Road, #260

Five Star Hospice and Palliative Care, LLC
2500 W. Higgins Road, #1277

Medplus Medical Center SC
2500 W. Higgins Road, #400

Rossi Organics, LLC
2200 Stonington Ave., #220

Helping children with nightmares

While it is not uncommon for a child to have an occasional nightmare, you may notice an increase in nightmares during times of distress. It's important to limit the amount of information children are exposed to regarding COVID-19 – especially media exposure – as they do not have the same developmental capacities to make meaning out of this information. Equally important is to provide children with age-appropriate information about COVID-19, stressing ways in which they and their families are safe. If your child is demonstrating an increase in nightmares, here are some steps you can take:

- Provide your child with verbal and physical comfort after a nightmare. Soothing words paired with a hug work well after an episode.
- Talk with your child about the nightmare the next day while it is light outside. This will allow you to emphasize aspects of the nightmare that are not plausible (i.e., part of his or her imagination).
- Do not allow your child to watch scary TV shows or movies that are not age-appropriate.
- Use strategies that promote a sense of safety in your child's bedroom, such as leaving the door open or using a nightlight.



- You may have a desire to let your child sleep in your bed after a nightmare. While there may be times when this level of comfort is necessary, it is recommended that, once your child appears comforted, he or she should be encouraged to sleep in his or her own bed.
- Avoid reinforcing the idea that “monsters” are real. Children may mention monsters or other supernatural creatures as a part of their nightmares, and it is our responsibility to help separate fantasy from reality.
- Avoid anxiety-provoking content before bed. Use bedtime routines to focus on reading stories that include happy or funny elements, as well as keeping conversations lighter in the moments before bedtime.

Fire safety tips

Spring is upon us, which means we have more time for grilling, entertaining and, unfortunately, opportunities for residential fires. The Hoffman Estates Fire Department urges everyone to pay particular attention to fire safety this spring. Here are some easy tips that will help ensure a season free of fires:

- Review your family's “Fire Escape Plan.”
- Check all windows to make sure they open and close properly in case they are needed as emergency exits.
- Do not overload electrical outlets and extension cords.
- Check electrical wiring for damage and replace if necessary.
- Check air-conditioning units and electrical cords.
- Inspect barbecue gas grills (including gas hoses) and propane tanks prior to each use.
- Never burn yard waste or trash, even if you have an outdoor fireplace.
- Store fuel for lawn and garden equipment, pesticides, and chemicals in approved containers away from children.
- Store swimming pool chemicals according to manufacturer guidelines.
- Store oil-based paints and solvents in a metal cabinet.
- Never use open flame devices to strip paint, as this is very dangerous.



Temporary changes to refuse and recycling services

Village refuse and recycling services are changing temporarily to protect the health and welfare of employees and the public. All changes remain in effect until further notice.

The Simple Recycling textile and small home goods recycling program is suspended, as are all Solid Waste Agency of Northern Cook County (SWANCC) programs. This includes all electronics recycling drop-offs, as well as all recycling programs at the Village Hall (e.g., light bulbs, batteries, small electronics, printer cartridges, etc.).



The following changes apply to Groot's weekly pickup service:

- All trash/refuse must be placed in a company-designated cart, a can with handles or bagged. Recycling must be placed in a company-designated cart. Loose, uncontained items will not be collected.
- Households experiencing upper respiratory or other symptoms that could be associated with COVID-19 are being asked to bag recyclables before placing into Groot recycling carts. Other households are asked to continue placing loose materials into carts.
- All bulky item/construction debris collection is suspended.
- All white good collection is suspended.
- Yard waste service is unaffected at this time; however, there may be changes in the future.

Services may be further modified, so check the Village's website and follow us on social media for the latest information. Questions can be directed to the Village at 847-882-9100. For information about Groot services, call 800-244-1977.

Free drainage advice

Recent years have brought near record precipitation amounts to Chicagoland, contributing to increased localized drainage concerns. The Village's Transportation and Engineering Division is available to assist residents with technical advice on solving nuisance drainage issues.

Storm water management systems are designed to convey storm water to nearby waterways through storm sewers and surface swales. While it is common for high-intensity rainfall events to overburden storm sewers and cause temporary ponding in low areas, overland surface drainage paths are designed to ensure that structures are protected from surface flooding.



Overland surface drainage near Dexter Lane and Wainsford Drive in central Hoffman Estates.

To ensure that your house is protected, the Village recommends completing the following steps:

- Ground settlement adjacent to your foundation should be addressed on a continual basis to ensure slope away from structures is maintained to the nearest side, front or rear yard swale.
- Downspouts and sump pump discharges should be extended several feet from structures and directed to the nearest drainage swale, but not closer than 3 feet to your property line.
- Do not block or obstruct drainage paths from upstream areas. Typically, drainage paths are located along property lines. Over time, these drainage paths may become blocked by gardens, sheds or raised landscape features.

Drainage improvements typically involve grading and/or the installation of private storm sewer systems. Since this work usually requires a Village permit, Village staff can offer advice for residents on how to proceed.

If you would like to take advantage of the free drainage investigation service, click the "I Want To..." button on Village website, then click "Make a Request" and select "Drainage Issues." You can also contact Alan Wenderski at 847-252-5802 or alan.wenderski@hoffmanestates.org. Demand can be very high in the spring and early summer, so allow for a few weeks to schedule the drainage investigation.

What's the difference between sanitary and storm sewers?

You've seen one drain, you've seen them all – they're all the same, right? I can pour this cleaner down the drain because it goes to a wastewater treatment plant, right? **Not so!** It is important to understand the difference between sanitary sewers and storm sewers so we can prevent environmental damage.

The **sanitary sewer** is a system of underground pipes that carries sewage from bathrooms, sinks, kitchens and other plumbing components to a wastewater treatment plant where it is filtered and treated before being discharged into a waterway.

The **storm sewer** is a system designed to carry rainfall runoff and other clean water sources. It is not designed to carry sewage or accept hazardous waste. Runoff is carried in underground pipes or open ditches, and then discharged untreated into local streams, rivers and other surface water bodies. Storm sewer inlets are typically found along curbs and other low-lying outdoor areas.

Disposal of chemicals or hazardous substances to the storm sewer system damages the environment. Motor oil, cleaners, paints and other common household items that get into storm drains can poison fish, birds and other wildlife, and they can also find their way into drinking water supplies. In addition, grass clippings, leaves, litter and organic matter can clog storm drains and contribute to flooding.



Here are some things you can do to help maintain the storm sewer system and keep our environment clean:

- Don't pour ANYTHING in storm sewer drains.
- Keep storm sewer drains clear of leaves, grass clippings, sticks and litter.
- Scoop up after your pet and throw it away in the trash.
- Don't pour paint or oils down any sink or drain – recycle these materials.
- Repair any leaks from your vehicle and recycle motor oil.
- Clean up spills – DON'T wash them into storm drains.
- Minimize the use of pesticides and herbicides.

All of us benefit from clean water, and all of us have a role in getting and keeping our lakes, rivers, wetlands and groundwater clean. Report illegal dumping or spills by calling the Public Works Department at 847-490-6800 or, in the case of an emergency, call 911.

Why the census matters

What is the census? Mandated by the U.S. Constitution, the census is a once-every-decade count of everyone living in the country. When we know how many people live in Hoffman Estates, organizations and businesses are better equipped to evaluate the services and programs we need, such as health clinics, schools and roads. It also determines how many seats in the U.S. Congress are distributed among the 50 states. Proper representation ensures we have the support we need locally and statewide.

In March 2020, the U.S. Census Bureau sent every household an invitation to complete a simple questionnaire about who lives at your address. This is the first time in history that the U.S. Census Bureau has provided an online platform, making it easier and more efficient. An automated phone system is also available with options to listen in 13 different languages. For a quick response to all your census questions, text 987-987.

Remember: you can still respond online to the 2020 census even if you did not receive a letter or paper questionnaire, OR if you misplaced your census ID.

So why wait? Take 10 minutes and shape your future today at www.2020census.gov. Together, we count!



Hoffman Estates Citizen

August 2020

News from the Village of Hoffman Estates

Stormwater Pollution Prevention article (see red box)

Annual **recycling event** returns Aug. 22 with new safety protocols

Have you spent time at home over the past few months cleaning out your basement or garage? Bring your unwanted items to the Village's recycling event!

Due to the fluid nature of the COVID-19 situation, all information is subject to change. Please follow the Village on social media and keep an eye on our website for the most up-to-date information.

Hoffman Estates' annual large recycling drop-off and document destruction event will take place on Saturday, Aug. 22, from 9 a.m. to noon. Due to high participation, residents are advised to arrive early at the Susan H. Kenley-Rupnow Public Works Center, 2305 Pembroke Ave. Please note that the event will conclude promptly at noon (one hour earlier than in previous years).

New safety protocols are in place for 2020. Residents must wear a mask and remain in their vehicle at all times, and IDs will be checked through a closed window to verify residency. Residents will unlock doors or open the trunk from inside

the vehicle, and staff will unload the items. Paper documents should be contained in one area in the back of a vehicle in paper bags or small boxes – not in plastic bags!

If anyone in your home has recently tested positive for COVID-19 or is experiencing symptoms, **DO NOT** attend this event. Most items can be recycled separately through the Village's ongoing programs. If you have any questions about the recycling initiatives in Hoffman Estates, email grow2green@hoffmanestates.org.

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Growing to Greenness!

Ten facts about storm water

1. Storm sewers are designed to collect rainwater runoff, only.
2. Water entering the storm sewer system is not treated before moving into downstream waterways (ponds, creeks, wetlands, etc.).
3. Sump pumps that collect surface water, or ground water from the house perimeter, discharge into the storm sewer through surface runoff or direct pipe connection.
4. All interior house drains, including floor drains and ejector pump discharges, do not enter the storm sewer system. These sources enter a separate sanitary sewer system that flows to a water treatment plant before releasing into downstream waterways.
5. Dumping of any pollutants or waste into a storm sewer is never permitted and can pollute downstream waterways.



6. All open grated drains that can collect surface water are part of the storm sewer system.
7. Runoff may become polluted as it runs along roads, parking lots, roofs, lawns and construction sites.
8. Runoff may contain pollutants, such as automotive fluids, fertilizers and pesticides, leaves, sediment, litter, and pet waste.
9. Please do your part to keep storm water clean! Everyone can help reduce the amount of pollution carried in storm water.
10. Report illegal dumping or spills by calling the Public Works Department at 847-490-6800 or the police non-emergency number at 847-882-1818 after 4 p.m. or on weekends.

The Village encourages all residents and businesses to take pride in their storm water quality. Visit the storm water management webpage for tips and more information at www.hoffmanestates.org/stormwater.

Historian's notebook

By Pat Barch, Hoffman Estates Village Historian

If you clean out your car's glove compartment, you might come across an old map of the state of Illinois. Years ago, gas stations used to give them out for free. Now, everyone relies on the GPS in their smart phones (and backseat drivers) to help them find the way to their destinations.

As a youngster, when vacation time rolled around, I remember helping my father navigate through Wisconsin with my trusty X-marked map. I could follow the highway through towns I had marked and never had to ask, "Are we there yet?" I learned so much about reading maps. I was always curious about the towns that we drove through and wanted to stop and see what it was like. Over the years, my dad would take us to those surrounding towns, and we collected wall pennants from each one of them. Now, my grandchildren wouldn't

know the first thing about reading maps!

I'm still curious about the roads I travel on. One that has a lot of history (and is central to our community) is Higgins Road. Early records date the road back to 1851. It was identified as Dundee Road on a 1904 map. Early settlers called it the Chicago-Dundee Road. Today's Higgins Road (Route 72) wasn't opened as a state road until 1924. It runs for 110.71 miles from Route 43 in Chicago west to Lanark, Illinois. A short portion of Higgins Road runs along what was once the Galena-Chicago Stagecoach Trail out in Genoa. This was the midpoint of the trail as travelers made daily mail and passenger runs.

There have been stories that American Indians used it as a trail to access hunting grounds along the Fox River in Dundee. However, this has

been said for all the local roads that run on an angle, such as Algonquin and Irving Park roads.

Today, Higgins Road takes us to many important destinations. You can head to the city of Chicago, O'Hare International Airport, Woodfield Mall, Poplar Creek at 59/90, the Arboretum of South Barrington, the Hoffman Estates Park District's Scott R. Triphahn Community Center and Ice Arena, the Sears Centre Arena, and several forest preserves. In Hoffman Estates, Higgins Road is a beautiful four-lane divided highway and one of the "main drags" through our Village.

If you find a state map in your glove box, save it! You may need it if your GPS stops working.

Email Pat Barch at eagle2064@comcast.net.

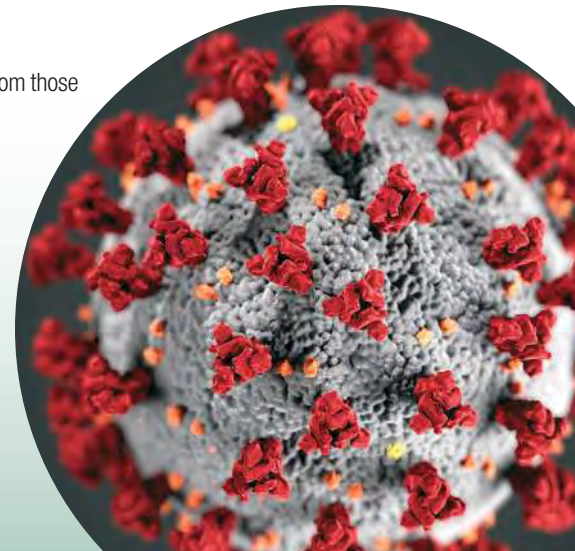
Simple measures to fight COVID-19

Illinois has made significant progress in fighting COVID-19. Let's continue to work together to keep everyone safe! The latest guidance from the Illinois Department of Public Health and the Centers for Disease Control and Prevention is that simple, everyday actions can help prevent the spread of COVID-19 and other illnesses.

Remember your three W's

- **WATCH** your distance! Remain at least 6 feet away from those outside your immediate household.
- **WEAR** face coverings! Wear a mask or cloth face covering any time social distancing is not possible, especially indoors.
- **WASH** your hands! Wash often for a minimum of 20 seconds with soap and water, or use an alcohol-based hand sanitizer.

Hoffman Estates is located in the Restore Illinois Northeast/EMS Region 10. Keep an eye on the metrics on the state's website at www.dph.illinois.gov/restore.



Hoffman Estates Citizen

November 2020

News from the Village of Hoffman Estates

Stormwater Pollution Prevention article (see red box)



Public Works Department awarded for excellence

The Hoffman Estates Public Works Department is dedicated to providing high-quality programs and services to residents and businesses.

Due to the fluid nature of the COVID-19 situation, all information is subject to change. Please follow the Village on social media and keep an eye on our website for the most up-to-date information.

This extends to snow and ice control operations, a significant effort that requires participation from every employee in the department. In recognition of this program, Public Works has been awarded the American Public Works Association's (APWA) Excellence in Snow and Ice Control Award for 2020. This is a national recognition awarded to no more than three municipalities across North America each year.

resources in vehicles and equipment, facilities, and employee training in order to keep residents safe during each winter season and to reduce environmental impacts.

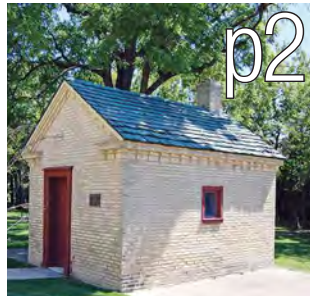
Considerations for this award include material storage and handling, equipment usage and innovation, training, community outreach and education, technology, and efforts to protect the environment. The Village has invested significant

Hoffman Estates residents and businesses expect exceptional service. The APWA Excellence in Snow and Ice Control Award demonstrates that Public Works is committed to meeting those expectations.

To learn more about how Public Works is preparing for winter, turn to page 2.

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LED lights illuminate Hoffman Estates streets

Despite a delay due to COVID-19, all Village-owned street lights have now been converted to energy-efficient LEDs.

The Village partnered with Siemens, Energyefficient Systems and Meade Electric on this replacement project, with the goal of reducing energy consumption, light pollution and maintenance costs. The Village also received over \$350,000 in grant funding in the form of ComEd incentives, ensuring an even quicker financial return on this investment.



Village staff considered a number of factors, including fixture warranty, color temperature and various design features, in choosing the best product for Hoffman Estates streets. The fixtures selected and installed are produced by American Electric Lighting, a well-established manufacturer with a long history in the street lighting industry. These fixtures feature a warmer color temperature than typical LEDs, providing light that is very similar to what residents are used to. They have also received the Fixture Seal of Approval from the International Dark-Sky Association for being “dark sky friendly” – the fixtures minimize glare, light trespass (light that shines in unintended places) and light pollution.

Residents and businesses will benefit from this upgrade for years to come, and the Village is proud of the successful execution of the project.

For more information about the street light replacement program or installed LED fixtures, contact Public Works by phone at 847-490-6800 or by email at publicworks@hoffmanestates.org.

Heating Safety

There is something about the winter months and curling up with a good book by the fireplace. But did you know that heating equipment is one of the leading causes of home fire deaths? With a few simple safety tips and precautions you can prevent most heating fires from happening.

BE WARM AND SAFE THIS WINTER!

- Keep anything that can burn at least three-feet (one metre) away from heating equipment, like the furnace, fireplace, wood stove, or portable space heater.
- Have a three-foot (one metre) “kid-free zone” around open fires and space heaters.
- Never use your oven to heat your home.
- Have a qualified professional install stationary space heating equipment, water heaters or central heating equipment according to the local codes and manufacturer’s instructions.
- Have heating equipment and chimneys cleaned and inspected every year by a qualified professional.
- Remember to turn portable heaters off when leaving the room or going to bed.
- Always use the right kind of fuel, specified by the manufacturer, for fuel burning space heaters.
- Make sure the fireplace has a sturdy screen to stop sparks from flying into the room. Ashes should be cool before putting them in a metal container. Keep the container a safe distance away from your home.
- Test smoke alarms at least once a month.



Heating Equipment Smarts

Install wood burning stoves following manufacturer’s instructions or have a professional do the installation. All fuel-burning equipment should be vented to the outside to avoid carbon monoxide (CO) poisoning.

Install and maintain CO alarms to avoid the risk of CO poisoning. If you **smell** gas in your gas heater, do not light the appliance. Leave the home immediately and call your local fire department or gas company.



FACT

Half of home heating fires are reported during the months of **December, January, and February.**

Keep leaves off the street

As leaves begin to pile up around the yard, remember that raking or blowing yard waste into the street is a violation of the Village’s Municipal Code. When grass clippings and leaves are pushed into the street, they can wash away to cover storm water grates, preventing water from flowing through them. Blocked storm inlets provide a greater chance for flooding.

Storm sewer inlets located in backyards should similarly be kept free of yard debris to prevent flooding.

Be sure that grass clippings, garden debris and raked leaves end up in brown paper yard waste bags with a yard waste sticker affixed to them. Yard waste information and stickers can be purchased at Groot’s website, www.groot.com.



If you have any questions, call Code Enforcement at 847-781-2631.

ATTACHMENT
FOR
BMP A.3

Sample Articles

Hoffman Estates Citizen

April 2020

News from the Village of Hoffman Estates

Recycling & Waste Management articles (see red box)

Village services impacted by coronavirus (COVID-19)

The Village of Hoffman Estates is working with local, state and federal health partners to take all preventative steps available to limit the spread of COVID-19.

Turn to page 2 for a list of services and programs impacted by COVID-19 closures.

According to Mayor William D. McLeod, "The well-being of our residents is of utmost concern. As such, the Village has taken strong measures to limit the spread of COVID-19. We will continue to work closely with state and county officials and follow the recommendations of the CDC to ensure everyone's safety."

Most Village facilities are currently closed to walk-in traffic, including the Village Hall, Health and Human Services, Public Works and the Village's four fire stations. The Hoffman Estates Police Department remains open, and all 911 and emergency services remain fully operational. Residents should only visit the police station in person if necessary, and they should be sure to observe social distancing guidelines.

All non-essential Village meetings and events have been canceled through the end of April. Meetings of the Village Board and Standing Committees may occur electronically during this time, as allowed by special rules enacted at the state level.

While buildings are closed, Village employees are still working. During this closure, the public is strongly encouraged to utilize the Village's online bill payment system and other functions, as well as the drop boxes located at the Village Hall (1900 Has-sell Road), police station (411 W. Higgins Road), fire station 23 (1300 Westbury Drive) and fire station 24 (5775 Beacon Point Drive).

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Community briefs

Electronics recycling postponed

The Solid Waste Agency of Northern Cook County's (SWANCC) seasonal Electronics Recycling Drop-off Program (originally set to resume April 6) has been delayed due to the outbreak of the COVID-19. Visit www.swancc.org and click the "Recycling Directory" link for a list of alternate recycling contractors. Closures continue to occur, so be sure to call prior to dropping off electronics. For updated information on when the weekly drop-off at the Village Hall will resume, follow the Village on social media or visit www.hoffmanestates.org.

Yard waste collection guidelines

Yard waste collection is projected to begin April 1, but this date may be subject to change due to COVID-19. Residents are reminded that grass clippings, plant material and leaves must be placed in brown paper yard waste bags. Bags cannot exceed 45 pounds and a yard waste disposal sticker must be affixed to each bag. Yard waste stickers are available at the Village Hall, local retail stores, and online at www.hoffmanestates.org/yardwaste and www.groot.com. An annual subscription for unlimited yard waste pickup is also available through Groot by calling 800-244-1977.



Visible address numbers required

Address numbers are vital. First responders use them to locate homes and businesses when time is critical. The Village's Municipal Code requires that all buildings have address numbers that can be read from the street. Address numbers must be Arabic numerals that are at least 4 inches high with a minimum stroke width of 1/2 inch. Commercial buildings must also have addresses posted and visible on the rear door. Numbers that are written out as text are not acceptable. Make sure firefighters, police officers, code enforcement officers – even pizza delivery drivers – can find your home or business! For more information, call Code Enforcement at 847-781-2631.

Home repair loan assistance

The Village offers a single-family home repair program for qualified homeowners to help complete home repairs that address code violations, safety issues and weatherization. A deferred loan for up to \$25,000 with 0% interest and no monthly payments is available to residents. The loan is financed through the U.S. Department of Housing and Urban Development's (HUD) Community Development Block Grant (CDBG) program. Typical projects include roofing, doors, windows, plumbing, electrical wiring, heating and basic structural improvements. All work is inspected by the Village. To qualify for a loan, you must:

- Reside in Hoffman Estates
- Own, live in and have equity in the home you wish to repair
- Be current on property taxes and mortgage
- Meet the income requirements found at www.hoffmanestates.org/cdbg

The North West Housing Partnership (NWHP) is a nonprofit that administers this program for the Village. If you qualify, NWHP will assist you with the entire process from beginning to end.

For more information or to apply, call NWHP at 847-969-0561 or visit www.nwhp.net and click "Programs" at the top of the page.



eNews from Hoffman Estates

Hoffman Estates is expanding its communication to residents. To sign up for free email alerts, visit www.hoffmanestates.org/enews. From there, you can customize your account profile. By providing the Village with your contact information, you'll be the first to receive news, meeting announcements and employment opportunities, among other emails. This is a confidential message system customized to suit your specific needs.

Garage sale permits required

Residents must obtain a free permit to hold a garage sale. The permit can be obtained at the Village Hall or by emailing garagesales@hoffmanestates.org with the dates and address of the proposed sale. Garage sales are only allowed to take place on Thursdays, Fridays, Saturdays and Sundays, and a sale may not span more than four consecutive days. A maximum of three garage sales are allowed per address each calendar year and must take place within the hours of 8 a.m. and 6 p.m. If a garage sale is conducted without a permit, a \$10 "on site" permit fee will be assessed. For more information, visit www.hoffmanestates.org/garagesales or call 847-781-2631.



Counseling services

Health and Human Services offers professional counseling services to residents. Counseling can improve an individual's life by reducing stress, working through change and increasing satisfaction related to work, school and relationships. Services are available for individuals, couples and families. Fees are affordable for all households, and are provided on a sliding scale based on household income. Call 847-781-4850 for information.

HETV available on Comcast and U-verse

HETV (Hoffman Estates TV) is available on both Comcast cable (channel 6) and AT&T U-Verse (channel 99; scroll through the list of city names and select "Hoffman Estates"). HETV provides information about the Village, Village Board meetings, high school sports and concerts, as well as other educational programs. If you are experiencing problems with your service that the provider has not been able to address, call Cable TV Coordinator

Ric Signorella at 847-781-2607 for assistance. For more information, visit www.hoffmanestates.org/hetv.



Hoffman Estates Citizen

August 2020

News from the Village of Hoffman Estates

Recycling & Waste Management articles (see cover & red box)

Annual **recycling event returns** Aug. 22 with new safety protocols

Have you spent time at home over the past few months cleaning out your basement or garage? Bring your unwanted items to the Village's recycling event!

Due to the fluid nature of the COVID-19 situation, all information is subject to change. Please follow the Village on social media and keep an eye on our website for the most up-to-date information.

Hoffman Estates' annual large recycling drop-off and document destruction event will take place on Saturday, Aug. 22, from 9 a.m. to noon. Due to high participation, residents are advised to arrive early at the Susan H. Kenley-Rupnow Public Works Center, 2305 Pembroke Ave. Please note that the event will conclude promptly at noon (one hour earlier than in previous years).

New safety protocols are in place for 2020. Residents must wear a mask and remain in their vehicle at all times, and IDs will be checked through a closed window to verify residency. Residents will unlock doors or open the trunk from inside

the vehicle, and staff will unload the items. Paper documents should be contained in one area in the back of a vehicle in paper bags or small boxes – not in plastic bags!

If anyone in your home has recently tested positive for COVID-19 or is experiencing symptoms, **DO NOT** attend this event. Most items can be recycled separately through the Village's ongoing programs. If you have any questions about the recycling initiatives in Hoffman Estates, email grow2green@hoffmanestates.org.

[continued on page 3]

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Annual recycling event

[continued from cover]

Sponsored by the Solid Waste Agency of Northern Cook County (SWANCC), residents of Hoffman Estates and other SWANCC-member communities are invited to drop off electronics, documents, medication, light bulbs and more for recycling at this free, one-day event. Proof of residency is required. Materials **will not** be accepted from businesses, schools or non-SWANCC residents. If you cannot come to the Hoffman Estates recycling day, you may attend any SWANCC recycling event (proof of residency required). Visit www.swancc.org for more collection dates.

About paper

Only sensitive documents will be accepted, including medical records, bank statements and tax forms. Do not include magazines, greeting cards or newspapers, as these can be recycled curbside. Paper is cross-shredded on site. Residents are limited to six file-size boxes or grocery-size paper bags of documents. Plastic, metal clips and binders should be removed. **Do not bring paper in plastic bags.** Plastic is a contaminant, as are photos, slides and any non-paper item.



About electronics

Remove electronics from plastic packaging and boxes before the event. Accepted electronic items include cable and satellite receivers; cell phones, PDAs and tablets; computers and computer equipment/components (e.g., cables, keyboards, monitors, etc.); fax machines, printers and scanners; MP3 players; TVs; videogame consoles; video recorders/players; and Zip drives.

Items **NOT** accepted include air conditioners; CDs, DVDs or VHS tapes; humidifiers/dehumidifiers; lamps; microwaves; refrigerators and other large home appliances; speakers; stereos; and vacuum cleaners.

Additional services

In addition to electronics, the Village will be accepting these items for recycling:

- Textiles and small household goods through Simple Recycling (new or used clothing; boots and shoes; belts and ties; handbags; hats and gloves; toys; towels; sheets and blankets; small kitchen appliances; and more)
- Expired drugs/sharps
- Fluorescent and compact fluorescent lamp (CFL) light bulbs
- Batteries
- Printer cartridges
- Latex (water-based) paint:
 - Spray cans: \$2
 - Quarts: \$2.50
 - One-gallon containers: \$5
 - Five-gallon buckets: \$12

NOTE: flammable materials will not be accepted.

For more information about this recycling event and other sustainability programs, visit www.hoffmanestates.org/green.



A message from Mayor McLeod

Last month, after much discussion, the Board of Trustees unanimously voted to cancel all Village events through the remainder of year. We are saddened and disappointed to share this news, but please know that this decision was made to protect the health and well-being of the community. Our residents, business owners, vendors, sponsors and guests are so vital to these events, and we want you to have the best (and safest) experiences possible. Given the current state of affairs with COVID-19, we know that would not be possible this year. But don't fret! We are preparing for a fabulous slate of events and festivals in 2021, and we hope you'll join us!

In addition, the Village has begun to address the current issues surrounding diversity and inclusion, justice in policing, and the Black Lives Matter movement as they pertain to Hoffman Estates. On July 9, the Village hosted its first virtual Town Hall meeting, which featured several prominent guests, including U.S. Rep. Raja Krishnamoorthi and Illinois Rep. Fred Crespo, among others. Moderated by Rev. Larry S. Bullock, the panel discussion provided a unique opportunity to explore issues relevant to our community. Given the positive response, the Village plans to host additional Town Hall meetings to keep these constructive conversations going.



Continuing on a positive note, congratulations are due to Hoffman Estates Boy Scout Troop 399 as they celebrate 45 years of service! To cap off this milestone, seven members achieved the rank of Eagle Scout this past month. Erik Doyle, Alex Grogman, Nick Johnson, Jason Matker, Jaydon Romsaithong, Michael Savage and Johnny Waite have been classmates and friends for many years. We are so proud of you!

For more information on getting involved with our Town Hall initiative or to ask questions of our elected officials or Village staff, please call me at 847-781-2604 or email me at bill.mcleod@hoffmanestates.org.

Bill McLeod



Like us on Facebook!
www.facebook.com/hoffmanestatesil



Follow us on Twitter!
www.twitter.com/hoffmantweets



Watch videos on YouTube!
www.youtube.com/hoffmanestatesil



Sign up for eNews!
www.hoffmanestates.org/enews

Community briefs

Village cancels in-person events through the end of 2020

Due to continuing COVID-19-related restrictions on the size of gatherings, the Village Board voted in July to cancel all in-person Village events through the end of 2020. This decision affects a number of large, annual events, including the balance of the summer concert series, Platzkonzert Germanfest, the Sept. 11 observance, Northwest Celtic Fest, Hispanic Heritage Day Fiesta, the Sister Cities French Evening, the Friendship Tree Lighting and the Teddy Bear Tea. The monthly senior citizens luncheons and First Fridays events are also canceled, as are the 2020 police, fire and public works open houses. Some Village commissions may look to hold virtual events, so keep an eye on the Citizen and follow the Village on social media for the latest information. Our commissions look forward to welcoming you back in 2021!



National Immunization Awareness Month

August is National Immunization Awareness Month. This observation provides a wonderful opportunity to highlight the importance of vaccines for people of all ages. According to the CDC, getting a vaccination is the best way to protect against preventable diseases. Vaccines aren't just for children! In fact, there are some immunizations that are just for adults, including shingles, Tdap and different doses of flu vaccines. Many of us also need routine booster shots (just like children) to stay immune to certain diseases. To find out if you are due for a vaccine, ask your health care provider or contact Health and Human Services! To schedule a vaccination appointment for yourself or your child, call 847-781-4850 or visit www.hoffmanestates.org/hhs.



**NATIONAL
IMMUNIZATION
AWARENESS
MONTH**

Section of Poplar Creek Trail paved and open

As a result of grant funding obtained by the Village, a section of earth trail in the Poplar Creek Trail System (part of the Arthur L. Janura Forest Preserve) from Route 59 to the CN railroad right-of-way has been paved and is now open to walkers, hikers and bicyclists. The Village partnered with the Forest Preserves of Cook County and the Hoffman Estates Park District on the grant, which funded the majority of the engineering and construction costs. A continuous off-street path that parallels Shoe Factory Road is available from Ivy Ridge Drive on the west to the intersection of Higgins and Barrington roads on the east. As part of a separate road project with Cook County to reconstruct and widen Shoe Factory Road, this path will be extended west from Ivy Ridge Drive to Essex Drive over the next several years.



Food pantry resumes appointments

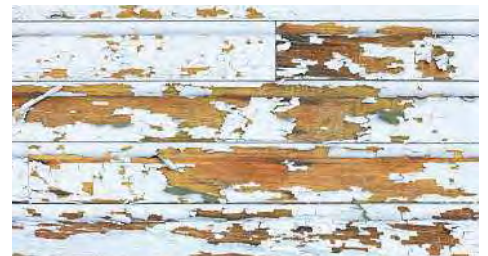
The Schaumburg Township food pantry is now open from Monday through Friday from 9:30 a.m. to 1:30 p.m. by appointment only. Appointments are easy to make by calling 847-884-0030, ext. 1013. Residents must bring a piece of mail that has been issued within the last 30 days as proof of residency. Enter through the main entrance of the Township building at 1 Illinois Blvd. for your appointment (the north entrance is closed). For additional resources, visit the Greater Chicago Food Depository at www.chicagofoodbank.org or the Northern Illinois Food Bank at www.solvehungertoday.org.

August dates for seasonal brush drop-off

Brush may be brought to the Public Works Fleet Maintenance Facility, 2405 Pembroke Ave., from 8 a.m. to 1 p.m. on Saturday, Aug. 1, and Saturday, Aug. 15. This free program, which ends in September, accepts residential brush/branches only (no commercial loads), and proof of residency is required. For more information, call 847-490-6800.

Lead poisoning dangers

If your home was built before 1978, it is possible it contains some lead-based paint. Lead is a highly toxic metal that can cause damage to the central nervous system and vital organs. Paint containing lead was previously used on the inside and outside of homes primarily because of its durability. If your home was built prior to 1978 and you see peeling, flaking or chipping paint, you may be at risk. Children under the age of 6 are especially vulnerable. They can become lead poisoned by putting their hands or other lead-contaminated objects into their mouths. State law requires property owners to correct lead-based paint hazards if a child living in the home tests positive for lead poisoning. For more information on lead hazard reduction, visit www.hoffmanestates.org/cdbg or contact the Cook County Department of Public Health Lead Poisoning Prevention Division at 708-633-8054.



Welcome new businesses!

Glamour Nail Studio

4599 W. Higgins Road

Hair By Vanessa

977 N. Roselle Road, #9

Janetz Hairapy

977 N. Roselle Road, #6

Jess Klug Salon

977 N. Roselle Road, #5

Kristin Elizabeth Hair

977 N. Roselle Road, #6

Mavis Tire and Brakes

2475 W. Golf Road

Wingstop

9 E. Golf Road



Hoffman Estates Citizen

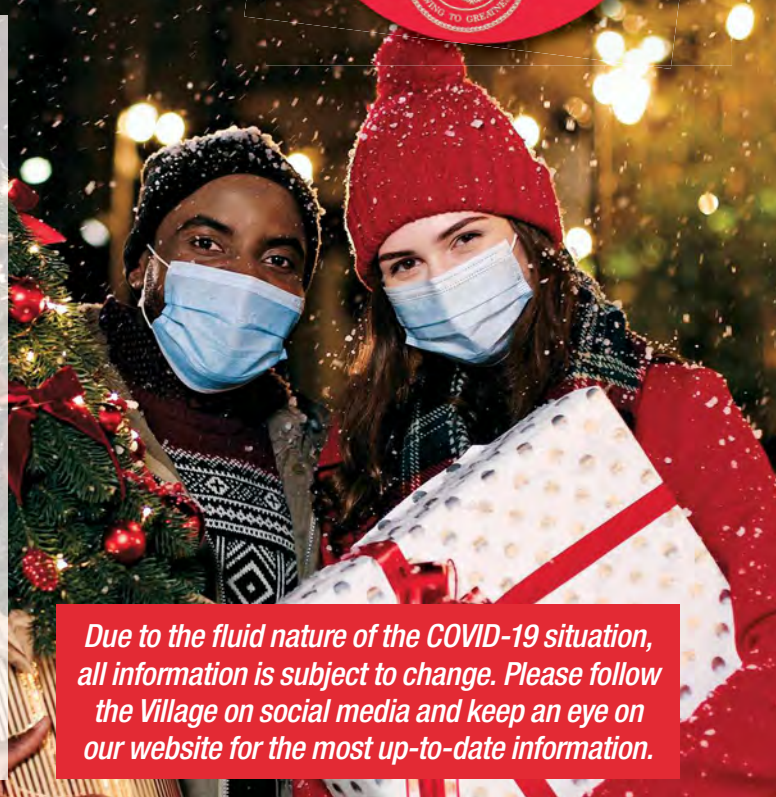


December 2020

Recycling & Waste Management articles (see red boxes)

Hoffman for the holidays: **shop and eat local**

The Village of Hoffman Estates is home to many unique stores, from national chains and independent shops to delicious restaurants and exciting entertainment options. Our local businesses create local jobs, shopping locally saves gas and time, and a portion of your sales tax dollars comes directly back to Hoffman Estates.



Due to the fluid nature of the COVID-19 situation, all information is subject to change. Please follow the Village on social media and keep an eye on our website for the most up-to-date information.

We are all going through challenging times during COVID-19 – personally, professionally and even socially. It's tough. Our hope is that you remember one thing: throughout this entire health crisis, caring remains. Caring about others matters. Hoffman Estates cares.

The Village cares about its residents and businesses. We care about all those who have invested their time, money, sweat, tears and lives in this community. So, please, as you're doing a bit of holiday shopping, consider supporting the local grocer, retailer, salon, fitness center, restaurant and so many more. Most businesses offer online ordering and curbside

pickup to keep safe distance practices. Additionally, the Village maintains an up-to-date map and list of restaurants that are open on its website:

www.hoffmanestates.org/restaurantsopen

This holiday season, you can accomplish most of what you need without traveling far from home. You will also benefit by keeping your spending dollars in your own community, where they help pay for services you need and use every day.

Thank you for caring about Hoffman Estates businesses!

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Growing to Greenness!

Free holiday light recycling

The Village of Hoffman Estates and the Solid Waste Agency of Northern Cook County (SWANCC) are once again accepting holiday lights for recycling at no cost to residents from Monday, Dec. 7, through Friday, Feb. 5, 2021.

All string lighting and extension cords can be dropped off during normal business hours in the Village Hall lobby.

For more information, call Public Works at 847-490-6800.



Historian's notebook

By Pat Barch, Hoffman Estates Village Historian

Late October and early November 1960 were the original move-in dates for the families on my street in the Highlands neighborhood. Not many of those people are still in their homes – many moved on.

The month of giving, December brings back all the memories of years gone by. How I remember the excitement over the delivery of our Sears catalog. It came early enough for my kids to have it in tatters by mid-December. From week to week, as the holidays approached, their Christmas lists were constantly changing.

My kids also talked about their Jewish classmates who celebrated Hanukkah, telling me that they received a gift on each of the eight days of the Festival of Lights. “Boy, they’re lucky,” was their response when I told them they would only get gifts on Christmas morning.

Where to shop for all those gifts was a challenge.

Hoffman Estates was such a small community back then, that most of our shopping had to be done in Elgin, where you could get gifts at Spiess, Ackemann’s and Sears department stores – the only ones close by. Or, you could drive to Rolling Meadows for a very nice department store called Crawford’s.

Sears was familiar to me, but the other two felt different because of the brands they sold. I still remember the Sears store as being very old with wood floors that creaked when you walked up and down the aisles. They always had what I needed.

I do remember some of the early stores in downtown Hoffman Estates that helped me with my shopping. Brass & Glass (now Fabbrini’s Flowers) in the Rose Arcade next to the Thunderbird Movie Theater in the Golf Rose Shopping Center (now Golf Center) is our oldest continuous business

in Hoffman Estates. Walgreen Agency Snyder Drugs and Jewel, the first grocer to open in Hoffman Estates in 1959, also helped with some gifts.

How life has changed for all of us this year. With a vicious virus that won’t allow us the freedoms we have always enjoyed, shopping will be done online for many of us. We will always have our family traditions that we can modify and reconfigure for 2020.

Happy holidays!

Note: if you haven't already visited the Schaumburg Township Historical Society's website to experience a virtual tour of the historical sites in Hoffman Estates, visit www.s-t-h-s.org today. I'm the school teacher in the one-room schoolhouse video!

Email Pat Barch at eagle2064@comcast.net.

Changes to the holiday season due to COVID-19

This holiday season will look and feel different from other years. Here are some tips on how to embrace the changes:

- Acknowledge that this year is different from previous years
- Accept any feelings of sadness, joy, hesitation and confusion you may feel about the holidays
- Talk with your family and friends about your mixed feelings – they may feel the same way
- Make a new tradition that you can carry on for years to come; for example, add a new baked good or cooked meal that you have been wanting to try
- Set the menu for your holiday dinner and FaceTime/Zoom with your family members in order to share the experience together
- Decorate your home to get in the holiday spirit and, if you are celebrating alone this year, make sure to connect virtually
- For Christmas, Hanukkah and Kwanzaa, make sure to do your online shopping in advance, as many items are on backorder or sold-out due to COVID-19
- For New Year’s Eve, reflect on what have been the positives of this past year and pat yourself on the back for the resiliency you and your family have shown



Community briefs



Village Hall closed for holidays

The Village Hall will be closed on Christmas Eve (Thursday, Dec. 24), Christmas Day (Friday, Dec. 25) and New Year's Day (Friday, Jan. 1, 2021). The Village Hall remains closed on Saturdays until further notice. Enjoy the holiday season!

Save the date – MLK celebration

The Cultural Awareness Commission is proud to present the 19th annual Martin Luther King Jr. celebration from Monday, Jan. 18, through Sunday, Jan. 31, 2021. The modified event will be held virtually on YouTube. Look for more info in the next Citizen!



Fire Department retirements

With more than 63 years of combined service, the Hoffman Estates Fire Department bid a fond farewell to both Deputy Chief Thomas Mackie and Battalion Chief Wayne Rothbauer.



DC Mackie retired on Nov. 10 with 30 years of service, and BC Rothbauer retired on Nov. 19 with 33 years of service. Best wishes for a happy and successful retirement!

Holiday garbage collection schedule

Garbage and recycling collection for both Monday, Dec. 21, and Wednesday, Dec. 23, is unaffected by the holidays, and will still take place on the regularly scheduled pickup days. There will also be no change the following week (New Year's holiday). Christmas tree collection is scheduled for early January, and a yard waste sticker is required. Turn to page 6 for more details.

Keep fire hydrants visible

The Public Works Department tries to ensure that fire hydrants are repainted once every three to five years to help maintain good visibility. Employees power washed and repainted over 1,375 hydrants in the summer of 2020. Try to clear snow away from hydrants for easier accessibility, should they be needed in an emergency. If you see a damaged or leaking hydrant, call Public Works at 847-490-6800.



Rental license renewals due mid-January

Renewal letters for the Jan. 1 through Dec. 31, 2021, Residential Rental License Program year have been mailed, and license fees must be received by mid-January 2021 in order to remain in compliance with the Village's Municipal Code. Payments can be made by mail, in person or online by visiting www.hoffmanestates.org/epay. Please pay on time, as late payments will be assessed a penalty equal to 25% of the license fee. Notification will be sent when it is time for the annual inspection to be scheduled. For questions about the program, or if you are a tenant and are unsure whether the property you are renting has been licensed, email rentalhousing@hoffmanestates.org or call 847-781-2650.

Storing your recreational equipment

Residents storing their boats, campers, trailers and other recreational equipment for the winter are reminded that there are several regulations that must be observed. Recreational equipment stored in a front yard or side yard adjacent to a street must be parked on a permitted concrete or asphalt driveway. Recreational equipment stored in a side yard or backyard must be parked on crushed stone, gravel, brick pavers or on driveway surface. At no time can any boat, trailer, camper or other recreational equipment be parked on grass or block the sidewalk. If you have any questions about recreational equipment storage regulations, call the Code Enforcement Division at 847-882-2631.

Recycle textiles with Simple Recycling

The Village has partnered with Simple Recycling to offer residents a convenient way to dispose of unwanted textiles and small home goods, while keeping these items out of the landfill. Residents of single-family homes in Hoffman Estates can recycle all types of used or new clothing, boots and shoes, belts and ties, handbags, hats and gloves, toys, towels, sheets and blankets, small kitchen appliances, and more. Simply place the items in the supplied orange bags (or any plastic bag clearly labeled for Simple Recycling), place the bags at the curb on your normal garbage and recycling collection day, and Simple Recycling's trucks will pick them up, free of charge. Residents are also encouraged to continue donating usable items to local charities. To request bags, report missed pick-ups and to learn more, call 866-835-5068 or visit www.simplerecycling.com.



Leash your pets!

The Village's Municipal Code states that animals, including dogs and cats, need to be under proper control. When animals are not on their owner's property, they must be on a leash no longer than 6 feet and under the control of a responsible person. No animal is allowed to run at large in the Village at any time, and the owner is responsible for removal and sanitary disposition of any waste from the animal(s) anywhere in the Village. Prevent your pet from becoming a public nuisance!



Christmas tree disposal

There are two options for recycling your Christmas trees and wreaths:

Curbside pickup

Living Christmas trees (including flocked trees) will be picked up on your regular Groot service day for the first two weeks of January 2021. Remember that all lights, ornaments, garlands and artificial decorations must be removed from the tree; plastic bags are prohibited; and one disposal sticker must be visibly wrapped around the tree trunk or branch. Wreaths and garlands made of pine boughs or other organic materials (with the wiring and plastic removed) will also be accepted. These items should be placed in a yard waste bag with a disposal sticker attached. During the first two weeks of January 2021, Groot will also accept any remaining yard waste bags of leaves/twigs with a disposal sticker attached. Yard waste stickers are available at local retailers, the Village Hall and on the Village's website. For more information, contact Code Enforcement at 847-781-2631.



Free drop-off sites

Christmas trees and greenery can also be dropped off at no charge anytime between Saturday, Dec. 26, and Friday, Jan. 8, 2021, at the following locations (look for drop-off signs):

- Public Works Fleet Maintenance Facility, 2405 Pembroke Ave.
- The field next to Fire Station 23, 1300 Westbury Drive
- The field next to Fire Station 24, 5775 Beacon Pointe Drive

For more information, call Public Works at 847-490-6800.



Winter Holiday Safety

Winter holidays are a time for families and friends to get together. But that also means a greater risk for fire. Following a few simple tips will ensure a happy and fire-safe holiday season.

HOLIDAY DECORATING

- Be careful with holiday decorations. Choose decorations that are flame resistant or flame retardant.
- Keep lit candles away from decorations and other things that can burn.
- Some lights are only for indoor or outdoor use, but not both.
- Replace any string of lights with worn or broken cords or loose bulb connections. Read manufacturer's instructions for number of light strands to connect.
- Use clips, not nails, to hang lights so the cords do not get damaged.
- Keep decorations away from windows and doors.



HOLIDAY ENTERTAINING

- Test your smoke alarms and tell guests about your home fire escape plan.
- Keep children and pets away from lit candles.
- Keep matches and lighters up high in a locked cabinet.
- Stay in the kitchen when cooking on the stovetop.
- Ask smokers to smoke outside. Remind smokers to keep their smoking materials with them so young children do not touch them.
- Provide large, deep ashtrays for smokers. Wet cigarette butts with water before discarding.



Before Heading Out or to Bed

Blow out lit candles when you leave the room or go to bed. **Turn off** all light strings and decorations before leaving home or going to bed.

FACTS

- ! More than **one-third** of home decoration fires are started by candles.
- ! More than **two of every five** decoration fires happen because decorations are placed too close to a heat source.

Barrington Road/I-90 interchange sub-area plan

The new full Tollway interchange and Pace's I-90 transit station at Barrington Road and I-90 are located in the heart of Hoffman Estates.

The Village has hired Farr Associates to study this area, assess its potential and develop a framework for future redevelopment. Farr Associates hosted a Visioning Charrette in early October to obtain feedback from area residents, property owners, businesses and other stakeholders.

Based on this feedback, a final sub-area plan is being finalized, which will be presented to the Village Board in the coming months.

Visit www.hoffmanestates.org/areaplan for more information on this ongoing planning project.



Farr Associates hosted a virtual "Visioning Charrette" from Oct. 1-5 at the Village Hall.

ATTACHMENT
FOR
BMP A.4

Sample Brochures



After the Storm

For more information contact:

Village of Hoffman Estates

Public Works Department

2305 Pembroke Ave., Hoffman Estates, IL 60169

Report illegal dumping in storm sewers or creeks:

Call Public Works 847-490-6800 M-F 8am-4pm

Call Police Non-Emergency 847-882-1818 after
work hours and on weekends

Email: publicworks@hoffmanestates.org

or visit

www.epa.gov/npdes/stormwater

www.epa.gov/nps



EPA 833-B-03-002

January 2003

Internet Address (URL) • [HTTP://www.epa.gov](http://www.epa.gov)
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Domestic Fiber. Free Recycled Paper.



A Citizen's Guide to Understanding Stormwater



The effects of pollution



What is stormwater runoff?



Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Why is stormwater runoff a problem?



Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- ◆ Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- ◆ Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- ◆ Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- ◆ Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- ◆ Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.



- ◆ Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.



*** Open for Stormwater
Pollution Solutions**

Stormwater Pollution Solutions

Residential



Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.



- ◆ Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- ◆ Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- ◆ Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- ◆ Cover piles of dirt or mulch being used in landscaping projects.

Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.



- ◆ Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- ◆ Don't dispose of household hazardous waste in sinks or toilets.

Auto care

Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.



- ◆ Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- ◆ Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Pet waste

Pet waste can be a major source of bacteria and excess nutrients in local waters.



- ◆ When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.



Education is essential to changing people's behavior. Signs and markers near storm drains warn residents that pollutants entering the drains will be carried untreated into a local waterbody.

Residential landscaping

Permeable Pavement—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

Rain Barrels—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.



Rain Gardens and Grassy Swales—Specially designed areas planted with native plants can provide natural places for



rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

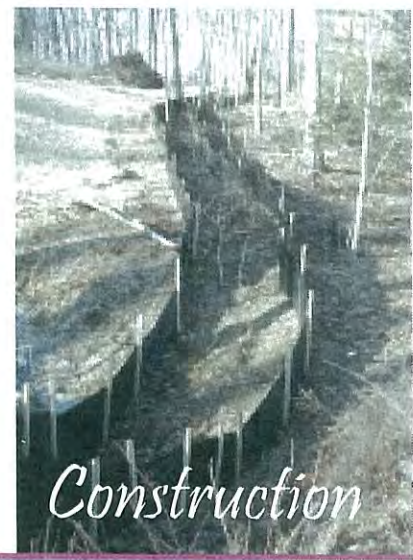


Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- ◆ Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- ◆ Cover grease storage and dumpsters and keep them clean to avoid leaks.
- ◆ Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

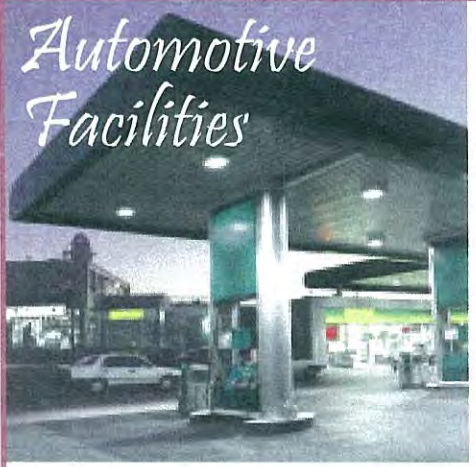
Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

- ◆ Divert stormwater away from disturbed or exposed areas of the construction site.
- ◆ Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- ◆ Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.



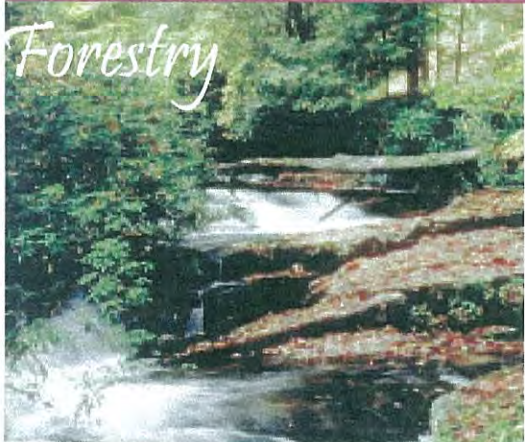
Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.

- ◆ Keep livestock away from streambanks and provide them a water source away from waterbodies.
- ◆ Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- ◆ Vegetate riparian areas along waterways.
- ◆ Rotate animal grazing to prevent soil erosion in fields.
- ◆ Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.



Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- ◆ Clean up spills immediately and properly dispose of cleanup materials.
- ◆ Provide cover over fueling stations and design or retrofit facilities for spill containment.
- ◆ Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- ◆ Install and maintain oil/water separators.



Improperly managed logging operations can result in erosion and sedimentation.

- ◆ Conduct preharvest planning to prevent erosion and lower costs.
- ◆ Use logging methods and equipment that minimize soil disturbance.
- ◆ Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- ◆ Construct stream crossings so that they minimize erosion and physical changes to streams.
- ◆ Expedite revegetation of cleared areas.

A Valuable Service

The Metropolitan Water Reclamation District's Small Streams Maintenance Program (SSMP) helps prevent costly flood damage throughout Cook County. Since it began in 2006, dedicated crews have provided a valuable service by removing debris from creeks, streams, and waterways.

Project sites are determined based on reports from local municipalities and residents or from our routine inspections. The success of the SSMP depends on cooperation and coordination among all communities to efficiently and respectfully manage the waterways.

Contact the **Village of Hoffman Estates' Public Works Department** to report a blocked waterway.
Call: 847-490-6800 or
Email: publicworks@hoffmanestates.org

How You Can Help

Report debris accumulations in your stream to the MWRD or to your community leaders.

Remove invasive plant species (especially buckthorn) from your property.

Do not discard yard waste near your stream. When the water rises, it can wash away and contribute to a blockage.

Attend your local Watershed Planning Council meeting to learn more about the regional efforts to manage stormwater and prevent flooding.

For more information about the SSMP or to report a waterway blockage, call 708-588-3171 or go to www.mwrdd.org.



Find the MWRD on Facebook and Twitter



Metropolitan Water Reclamation District of Greater Chicago

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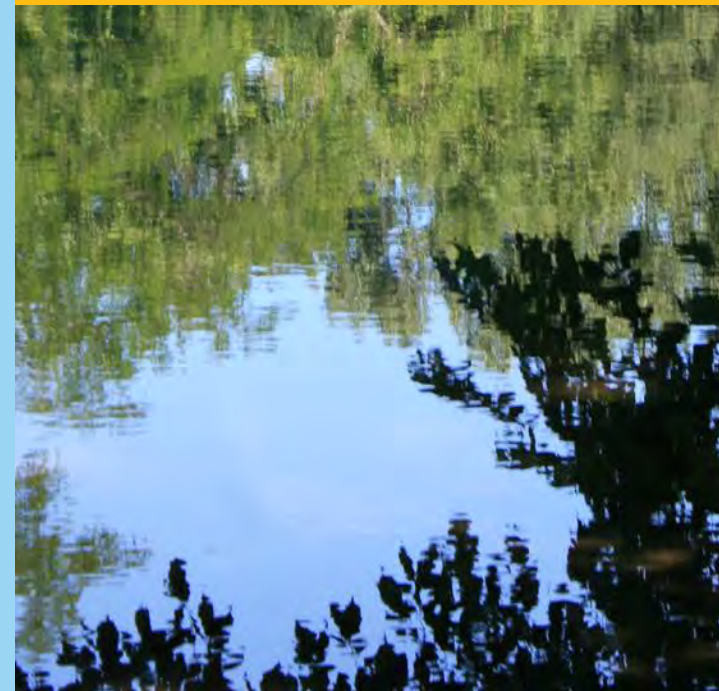
Kari K. Steele

Patrick D. Thompson

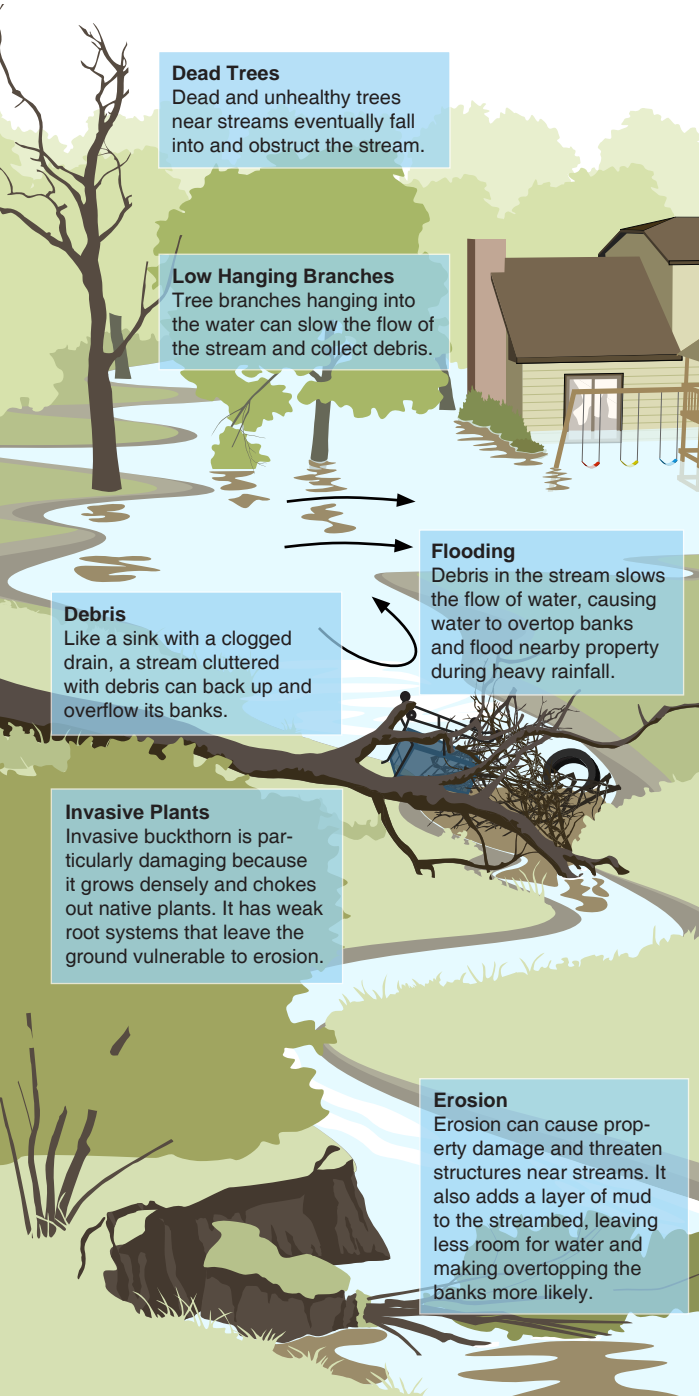
David St. Pierre
Executive Director

Stream Maintenance

Working in your neighborhood to prevent flooding throughout the region



Before



Dead Trees
Dead and unhealthy trees near streams eventually fall into and obstruct the stream.

Low Hanging Branches
Tree branches hanging into the water can slow the flow of the stream and collect debris.

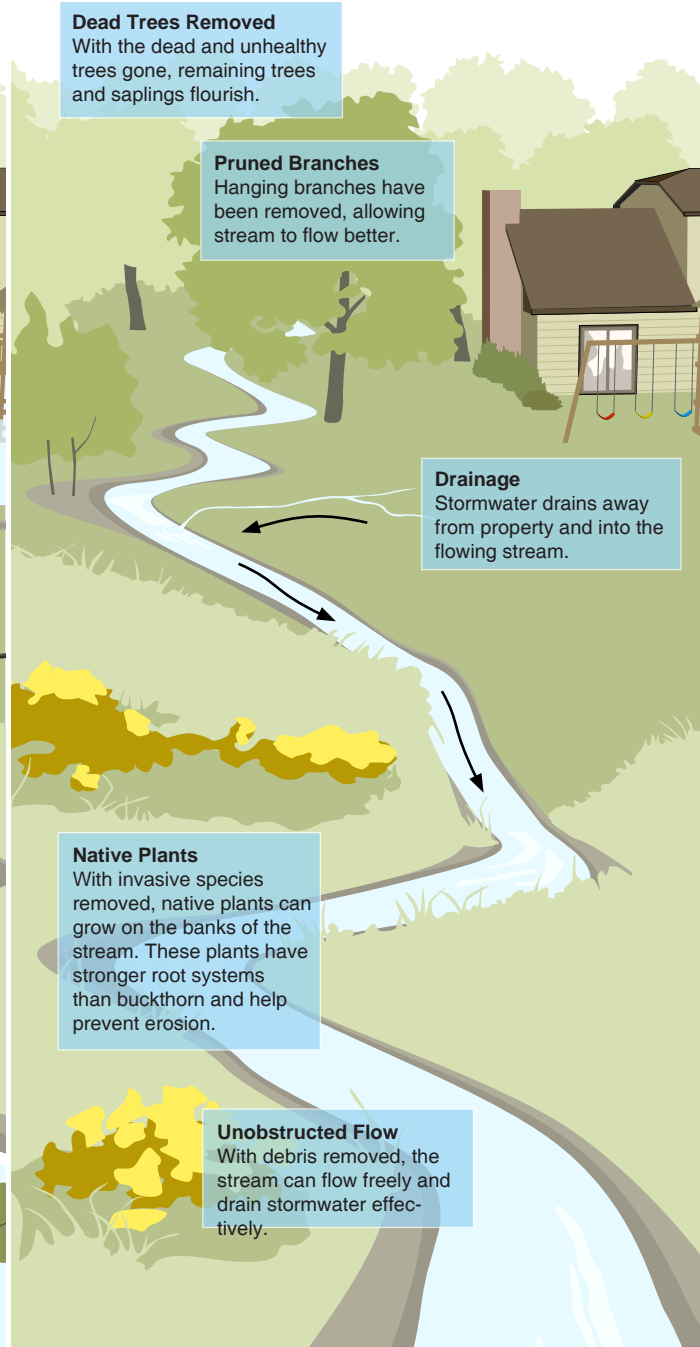
Flooding
Debris in the stream slows the flow of water, causing water to overtop banks and flood nearby property during heavy rainfall.

Debris
Like a sink with a clogged drain, a stream cluttered with debris can back up and overflow its banks.

Invasive Plants
Invasive buckthorn is particularly damaging because it grows densely and chokes out native plants. It has weak root systems that leave the ground vulnerable to erosion.

Erosion
Erosion can cause property damage and threaten structures near streams. It also adds a layer of mud to the streambed, leaving less room for water and making overtopping the banks more likely.

After



Dead Trees Removed
With the dead and unhealthy trees gone, remaining trees and saplings flourish.

Pruned Branches
Hanging branches have been removed, allowing stream to flow better.

Drainage
Stormwater drains away from property and into the flowing stream.

Native Plants
With invasive species removed, native plants can grow on the banks of the stream. These plants have stronger root systems than buckthorn and help prevent erosion.

Unobstructed Flow
With debris removed, the stream can flow freely and drain stormwater effectively.

Stream Maintenance Prevents Flooding

The stream that flows through your neighborhood is more than just a scenic part of the landscape or a habitat for wildlife. It serves the vital function of draining stormwater and preventing flooding. In order to function effectively, the stream must be maintained.

The Chicago region is so flat that our streams tend to move slowly and are naturally prone to flooding. Many areas that are now developed were originally uninhabited muddy marshes with meandering streams that often overtopped their banks. As the region was built up, our creeks and streams were deepened and enlarged to drain water and to prevent flooding.

The MWRD's SSMP works to keep our streams functioning by removing debris that can restrict their flow.

Minor blockages can build up quickly in heavy rains, as floating debris piles up and creates a dam. In our flat landscape, obstructions in one spot can contribute to flooding far upstream.

Thinking Ahead

Besides removing existing blockages, our crews and engineers also work to identify and fix potential problems before they can cause flooding. Dead and dying trees, which can eventually fall into streams and cause blockages, are removed from the banks. Harmful invasive plant species are also removed. Buckthorn is particularly harmful and thrives in our climate. It chokes out native plants and has weak root systems, leaving the ground vulnerable to erosion.

ATTACHMENT
FOR
BMP B.1

Committee Update Memo

VILLAGE OF HOFFMAN ESTATES

Memo

TO: Stormwater Management Committee
FROM: Alan Wenderski, Village Engineer
RE: **2020 Stormwater Committee Update**
DATE: August 11, 2020

A Stormwater Management Committee meeting is usually held annually around April to discuss multiple topics and recommend changes to the Village Drainage Policy and locations for the Annual Drainage Improvement Project. Due to precautions related to COVID-19 we were unable to schedule a meeting around that time and an attempt in August to host a virtual meeting was unable to ensure a quorum. Topics that were to be discussed at the meeting included the following.

- 2018/2019/2020 Stormwater Project Updates
- **Annual Drainage Improvement Project List and Village Drainage Policy (details below)**
- Future Stormwater Projects
- IEPA General Permit for Discharges from Municipal Separate Storm Sewer Systems (MS4's)
- Illinois State Water Survey - Precipitation Frequency Study for Illinois March 2020, Bulletin 75
- Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Watershed Management Ordinance (WMO) - May 7, 2020 amendment

In order to proceed with construction of the Annual Drainage Improvement Project, it is necessary to present the Annual Drainage Project Improvement location recommendation and Village Drainage Policy to the Public Works & Utilities Committee and Village Board (usually around May) after discussion at the Stormwater Committee. This year, the discussion of the Drainage Policy and Drainage Improvement Project list with the Public Works & Utilities Committee is scheduled for August 2020. I welcome any comments and feedback from the committee related to the topics above or items below.

Drainage Policy

The attached Drainage Policy was last revised in April 2016 and approved by the Village Board in June 2016. **No changes are recommended to the current drainage policy.**

The policy provides guidelines and a framework for discussions with residents during drainage investigations and general inquiries. This policy distinguishes between projects that qualify for public funding versus those that are the responsibility of the private property owner. In general, drainage improvements within the right-of-way are Village responsibility while most private property drainage issues are the responsibility of the property owner.

Future Drainage Improvement Locations

A current list of drainage improvement locations identified by Village staff is attached. The attached list is prioritized based on the criteria of the current policy.

For 2020 staff was recommending the inclusion of project location 1 (highlighted in yellow on the attached list) for the 2020 Drainage Improvement Project. This location has remained a high priority since 2016 but due to the extent of work required, was not being recommended to be completed until street reconstruction on Carthage Lane was scheduled. As Carthage Lane was scheduled for reconstruction this year, this work was included within the scope of the 2020 Street Revitalization Project when out to bid in March. At time of contract award, revenue impacts were anticipated due to the current pandemic and some locations were removed from the 2020 Street Revitalization Project. The reconstruction of Carthage Lane was one location removed and this work is anticipated to be completed in 2021.

Due to the deferral of the Carthage Lane reconstruction staff recommends deferring the 2020 Drainage Improvement Project to 2021. The deferral to 2021 will allow for a more robust project to be constructed in 2021 (utilizing budgets for 2020 and 2021) which can also take advantage of greater economies of scale in the design and construction phase.

I look forward to any feedback or discussion prior to the August Committee meeting and look forward to scheduling a Stormwater Committee meeting next spring to discuss the various other topics. Staff will be in touch to identify a future meeting date.



Alan Wenderski, P.E.
Village Engineer

Attachments

cc: Jim Norris
Dan O'Malley
Pete Gugliotta

Village of Hoffman Estates
Drainage Policy
Revised April 2016

The Village originally adopted the Annual Drainage Improvement Project to correct drainage problems in the right-of-way (ROW) or locations on private property that meet the strict criteria listed below. The priority for projects that meet the criteria shall be as follow:

1. Specific drainage issue that causes property damage
2. Number of properties affected
3. Severity of icing/standing water

It is noted that standing water is not considered a problem unless it exists for longer than a 24-hour period after a rain event.

The drainage criteria for inclusion in the annual Drainage Improvement Project are:

1. Drainage problems caused by deficiencies in the public right-of-way drainage systems.
2. Drainage/icing problems within the right-of-way that are caused by excessive offsite run-off.
3. Drainage problems within the right-of-way that cannot be resolved with minor grading between the sidewalk and curb due to “back-pitched” conditions. Parkway heaving is common and can usually be addressed by minor regrading which is considered routine maintenance. If it is determined that there is the ability to grade between the sidewalk and the street to resolve the problem then the adjacent property owner is responsible.
4. Drainage problems that result from inherent design problems that were not fully resolved by the developer before final acceptance of a new development. The issues shall be identified within 5 years of subdivision acceptance and cannot be the result of changes to the property by the homeowner.

Maintenance responsibilities for the special circumstances in Parcel A (South of Golf, North of Higgins, East of Roselle) are described below:

1. Roadside swales in Parcel A will be maintained as part of the public drainage system. Any shoreline stabilization on private property such as along the creek in Parcel A is the responsibility of the adjacent property owner. Technical advice is available from the Village to assist the residents with stabilization methods.
2. There shall be no filling of any roadside swales in Parcel A. The Parcel A roadside swales hold considerable water during heavy rain events and compensate for the lack of detention in this subdivision. Filling in the roadside swales could cause flooding in this subdivision.
3. All routine maintenance of the driveway culverts in Parcel A is the responsibility of the homeowner and includes repairs, patching, cleaning and replacement. Since Parcel A is unique within the Village with driveway culverts, the Village provides a new driveway culvert pipe when the old pipe is replaced by the resident or their contractor. If driveway culvert replacement is necessary as part of a roadside ditch improvement project, then the Village will replace the culvert.

Drainage problems are typically identified through drainage investigations by the Transportation and Engineering Division when brought to our attention by residents. The Transportation and Engineering Division will provide technical guidance in solving private property drainage issues. In general, solutions to these drainage problems usually involve regrading and/or installation of storm sewers or pipe underdrains. It is noted that all private or backyard storm sewers or drain tiles must connect to a Village storm sewer. Private backyard drains must not discharge at the sidewalk, curb, or near the property line. If a Village storm sewer is not available, only systems deemed to not cause public nuisance will be approved by permit from the Village Engineer

The Drainage Improvement Policy will continue to be reviewed annually and updated as necessary.

Drainage Project Locations

Jul-20

PRIORITY	LOCATION	INITIAL DATE	DESCRIPTION	SOLUTION	COST	STATUS
1	200 Carthage Lane	2016	Sidewalk lower than street across most of lot. Water in garage in many heavy rains events, run-off from ROW contributing.	Replace dipped sidewalk, new apron, grade parkway to create slope from sidewalk to street. Lower street profile and install additional storm sewer.	\$30,000	Minor curb & gutter and apron improvements completed in 2017. Remainder of improvements to be completed with future street reconstruction
2	3635 Winston Drive	2014	Intersection of Winston Drive and Firestone Drive is a low area without a sufficient overland flow. Side yard of 3635 and 3655 designed as overflow route but garage of 3635 is at a lower elevation.	Installation of additional redundant inlets in street to allow for maximum use of pipe and protect against debris blockage. Upsizing of downstream pipe considered as part of larger scale improvement.	\$30,000	Cost estimate includes installation of redundant inlets in street only.
3	Evergreen Lake	2013	Siltation from inflow pipe to pond.	Install new catch basin and re-align inflow pipe to pond.	\$30,000	
4	655 Hillcrest Boulevard	2018	Low spot in roadway with frequent ponding and overland flow. Overland flow path is between 655 and 665 Hillcrest and is very close to homes.	Install redundant storm inlets in low area to reduce overland flow occasions due to storm grate obstructions.	\$6,000	Inlet frame & grate modification completed by Public Works. Monitoring conditions.
5	4075 N. Victoria Drive	2019	Standing water and icing on sidewalk along Harrison Lane frontage. Runoff from multiple upstream lots contribute.	Grading of sidewalk, parkway, and installation of pipe underdrain.	\$12,000	Monitoring during winter for severity of icing conditions.
6	1665/1655 Westbury Drive	2018	Standing water and icing on sidewalk due to runoff from upstream lots and low area in sidewalk.	Grading of sidewalk, parkway, and installation of pipe underdrain.	\$7,000	Monitoring during winter for severity of icing conditions.
7	1100 Basswood Street	2019	Roadside ditch grading w/impacts to driveway of 1100 Basswood.	Grade ditch and replace portion of driveway apron to remove high spot.	\$7,000	
TOTAL LIST COST					\$122,000	

**ATTACHMENT
FOR
BMP B.7**

Sample Articles

Hoffman Estates Citizen

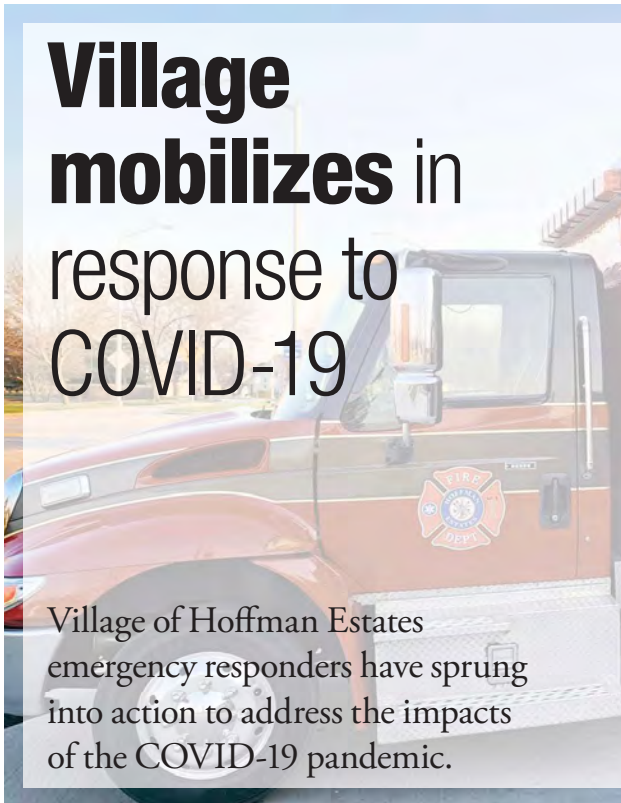
May 2020

News from the Village of Hoffman Estates

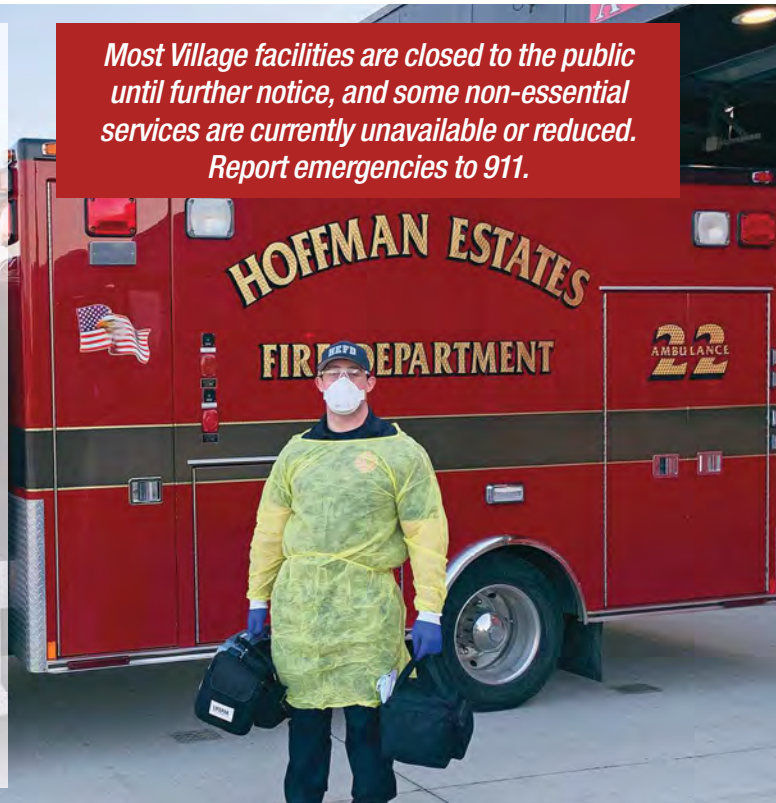
Contact # to report stormwater related issues (see red boxes)

Village mobilizes in response to COVID-19

Village of Hoffman Estates emergency responders have sprung into action to address the impacts of the COVID-19 pandemic.



Most Village facilities are closed to the public until further notice, and some non-essential services are currently unavailable or reduced. Report emergencies to 911.



The Village's firefighter-paramedics are truly on the front line, transporting patients in respiratory distress to area hospitals. Our police officers are the "boots on the ground," assisting the community and educating residents on the best ways to stay safe. Public Works keeps the water flowing and the toilets flushing, while Health and Human Services provides critical mental health services and coordinates support for senior citizens and other vulnerable populations. Meanwhile, Development Services supports our local business community and makes sure that essential businesses, such as restaurants and grocery stores, continue to operate safely.

The Village's "virtual" Emergency Operations Center, or EOC, has been active since mid-March. The EOC team meets online each day to discuss impacts to services, staffing and more. Important updates are communicated to the public using the Village's channels (turn to page 3 for more information).

While facilities remain closed or operating with reduced staffing, our dedicated team of public servants continues to deliver critical Village services.

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Community briefs

Memorial Day observance

The Village Hall will be closed on Saturday, May 23, and Monday, May 25.

Fire department promotions

The Hoffman Estates Fire Department promoted Battalion Chief Paul Bilodeau to deputy chief, Captain Chris Lenczewski to battalion chief, Lieutenant Donald Richter to captain, Firefighter Richard Anderson to lieutenant and Firefighter Ryan Bebe to lieutenant at a ceremony on April 1. Congrats!



Memorial Day garbage collection delayed

Garbage, recycling and yard waste collection will be delayed one day in observance of the Memorial Day holiday. Monday collection will be on Tuesday, May 26, and Wednesday collection will be on Thursday, May 28.

Storm sewer infrastructure

The Public Works Department is responsible for the maintenance and repair of all Village-owned storm sewers. Monthly inspections are performed on drainage ways and lake/pond outfall lines to reduce the risk of flooding. You can help by keeping storm sewer inlets free of obstructions. If you see leaves, paper, branches or ice obstructing an inlet, remove the items so water from the street can flow unobstructed. Call Public Works to report any inlet that is not draining or is causing a large volume of water to collect on the street. If any settlement is noticed around the structure, it may indicate a collapsed sewer or other problem that needs to be corrected. If you observe these conditions or have a question, call 847-490-6800. Working together, we can keep the Village's storm sewer infrastructure working at peak efficiency.

Virtual park district services

The Hoffman Estates Park District is pleased to offer several online services and activities during these uncertain times. For more information on their "virtual" recreation center, visit www.heparks.org.

Summer concerts on TV

While the future of the 2020 summer concert series continues to be analyzed in light of the state's "Stay at Home" order, the Village invites residents to tune in to HETV (Hoffman Estates TV) to watch concerts from previous years. The channel is currently broadcasting old concerts throughout the week and weekend, as well as on Thursday nights during the summer. HETV is available on both Comcast (channel 6) and AT&T U-Verse (channel 99). For more information on the Arts Commission, visit www.hoffmanestatesarts.com.



Watering ban reminder

The Village watering ban is in effect from May 15 to Oct. 1. All outside water use is banned between the hours of 11 a.m. and 5 p.m. This includes lawn sprinkling, washing cars, filling swimming pools or any recreational use of hoses. The ban complies with state water conservation practices. Violators can receive a citation, which carries a \$50 fine for the first offense.



Counseling services

Health and Human Services offers professional counseling services to residents. Counseling can improve an individual's life by reducing stress, working through change and increasing satisfaction related to work, school and relationships. Services are available for individuals, couples and families. Fees are affordable for all households, and are provided on a sliding scale based on household income. Call 847-781-4850 for information.

Cook County Community Recovery Fund

Cook County has launched a comprehensive initiative to provide economic relief to small businesses, nonprofits, community service organizations and independent contractors (1099 workers) in response to the COVID-19 pandemic. The Cook County Community Recovery Fund will provide rapid-relief loans of up to \$20,000 in suburban Cook County. For more information and to apply, visit www.cookcountyil.gov/recovery.



Send a Smile campaign

Schaumburg Township is collecting hand-made cards, drawings and pick-me-up notes for older adults and people with disabilities. Consider creating an uplifting message for a neighbor! No artistic experience required. Help them reach their goal of 2,250 cards! There are two ways to submit: you can either mail or drop off your creations at 1 Illinois Blvd., Hoffman Estates, IL 60169, Attn. Megan Conway. The township can also pick up quantities of 30 or more. Call 847-450-8011 for more information.

Welcome new businesses!

El Taurino Mexican Grill
4 Golf Center



Empowered and Authentic Living, LLC
2500 W. Higgins Road, #260

Five Star Hospice and Palliative Care, LLC
2500 W. Higgins Road, #1277

Medplus Medical Center SC
2500 W. Higgins Road, #400

Rossi Organics, LLC
2200 Stonington Ave., #220

Free drainage advice

Recent years have brought near record precipitation amounts to Chicagoland, contributing to increased localized drainage concerns. The Village's Transportation and Engineering Division is available to assist residents with technical advice on solving nuisance drainage issues.

Storm water management systems are designed to convey storm water to nearby waterways through storm sewers and surface swales. While it is common for high-intensity rainfall events to overburden storm sewers and cause temporary ponding in low areas, overland surface drainage paths are designed to ensure that structures are protected from surface flooding.



Overland surface drainage near Dexter Lane and Wainsford Drive in central Hoffman Estates.

To ensure that your house is protected, the Village recommends completing the following steps:

- Ground settlement adjacent to your foundation should be addressed on a continual basis to ensure slope away from structures is maintained to the nearest side, front or rear yard swale.
- Downspouts and sump pump discharges should be extended several feet from structures and directed to the nearest drainage swale, but not closer than 3 feet to your property line.
- Do not block or obstruct drainage paths from upstream areas. Typically, drainage paths are located along property lines. Over time, these drainage paths may become blocked by gardens, sheds or raised landscape features.

Drainage improvements typically involve grading and/or the installation of private storm sewer systems. Since this work usually requires a Village permit, Village staff can offer advice for residents on how to proceed.

If you would like to take advantage of the free drainage investigation service, click the "I Want To..." button on Village website, then click "Make a Request" and select "Drainage Issues." You can also contact Alan Wenderski at 847-252-5802 or alan.wenderski@hoffmanestates.org. Demand can be very high in the spring and early summer, so allow for a few weeks to schedule the drainage investigation.

What's the difference between sanitary and storm sewers?

You've seen one drain, you've seen them all – they're all the same, right? I can pour this cleaner down the drain because it goes to a wastewater treatment plant, right? **Not so!** It is important to understand the difference between sanitary sewers and storm sewers so we can prevent environmental damage.

The **sanitary sewer** is a system of underground pipes that carries sewage from bathrooms, sinks, kitchens and other plumbing components to a wastewater treatment plant where it is filtered and treated before being discharged into a waterway.

The **storm sewer** is a system designed to carry rainfall runoff and other clean water sources. It is not designed to carry sewage or accept hazardous waste. Runoff is carried in underground pipes or open ditches, and then discharged untreated into local streams, rivers and other surface water bodies. Storm sewer inlets are typically found along curbs and other low-lying outdoor areas.

Disposal of chemicals or hazardous substances to the storm sewer system damages the environment. Motor oil, cleaners, paints and other common household items that get into storm drains can poison fish, birds and other wildlife, and they can also find their way into drinking water supplies. In addition, grass clippings, leaves, litter and organic matter can clog storm drains and contribute to flooding.



Here are some things you can do to help maintain the storm sewer system and keep our environment clean:

- Don't pour ANYTHING in storm sewer drains.
- Keep storm sewer drains clear of leaves, grass clippings, sticks and litter.
- Scoop up after your pet and throw it away in the trash.
- Don't pour paint or oils down any sink or drain – recycle these materials.
- Repair any leaks from your vehicle and recycle motor oil.
- Clean up spills – DON'T wash them into storm drains.
- Minimize the use of pesticides and herbicides.

All of us benefit from clean water, and all of us have a role in getting and keeping our lakes, rivers, wetlands and groundwater clean. Report illegal dumping or spills by calling the Public Works Department at 847-490-6800 or, in the case of an emergency, call 911.

Why the census matters

What is the census? Mandated by the U.S. Constitution, the census is a once-every-decade count of everyone living in the country. When we know how many people live in Hoffman Estates, organizations and businesses are better equipped to evaluate the services and programs we need, such as health clinics, schools and roads. It also determines how many seats in the U.S. Congress are distributed among the 50 states. Proper representation ensures we have the support we need locally and statewide.

In March 2020, the U.S. Census Bureau sent every household an invitation to complete a simple questionnaire about who lives at your address. This is the first time in history that the U.S. Census Bureau has provided an online platform, making it easier and more efficient. An automated phone system is also available with options to listen in 13 different languages. For a quick response to all your census questions, text 987-987.

Remember: you can still respond online to the 2020 census even if you did not receive a letter or paper questionnaire, OR if you misplaced your census ID.

So why wait? Take 10 minutes and shape your future today at www.2020census.gov. Together, we count!



Hoffman Estates Citizen

August 2020

News from the Village of Hoffman Estates

Contact # to report stormwater related issues (see red box)

Annual **recycling event** returns Aug. 22 with new safety protocols

Have you spent time at home over the past few months cleaning out your basement or garage? Bring your unwanted items to the Village's recycling event!

Due to the fluid nature of the COVID-19 situation, all information is subject to change. Please follow the Village on social media and keep an eye on our website for the most up-to-date information.

Hoffman Estates' annual large recycling drop-off and document destruction event will take place on Saturday, Aug. 22, from 9 a.m. to noon. Due to high participation, residents are advised to arrive early at the Susan H. Kenley-Rupnow Public Works Center, 2305 Pembroke Ave. Please note that the event will conclude promptly at noon (one hour earlier than in previous years).

New safety protocols are in place for 2020. Residents must wear a mask and remain in their vehicle at all times, and IDs will be checked through a closed window to verify residency. Residents will unlock doors or open the trunk from inside

the vehicle, and staff will unload the items. Paper documents should be contained in one area in the back of a vehicle in paper bags or small boxes – not in plastic bags!

If anyone in your home has recently tested positive for COVID-19 or is experiencing symptoms, **DO NOT** attend this event. Most items can be recycled separately through the Village's ongoing programs. If you have any questions about the recycling initiatives in Hoffman Estates, email grow2green@hoffmanestates.org.

[continued on page 3]

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Growing to Greenness!

Ten facts about storm water

1. Storm sewers are designed to collect rainwater runoff, only.
2. Water entering the storm sewer system is not treated before moving into downstream waterways (ponds, creeks, wetlands, etc.).
3. Sump pumps that collect surface water, or ground water from the house perimeter, discharge into the storm sewer through surface runoff or direct pipe connection.
4. All interior house drains, including floor drains and ejector pump discharges, do not enter the storm sewer system. These sources enter a separate sanitary sewer system that flows to a water treatment plant before releasing into downstream waterways.
5. Dumping of any pollutants or waste into a storm sewer is never permitted and can pollute downstream waterways.



6. All open grated drains that can collect surface water are part of the storm sewer system.
7. Runoff may become polluted as it runs along roads, parking lots, roofs, lawns and construction sites.
8. Runoff may contain pollutants, such as automotive fluids, fertilizers and pesticides, leaves, sediment, litter, and pet waste.
9. Please do your part to keep storm water clean! Everyone can help reduce the amount of pollution carried in storm water.
10. Report illegal dumping or spills by calling the Public Works Department at 847-490-6800 or the police non-emergency number at 847-882-1818 after 4 p.m. or on weekends.

The Village encourages all residents and businesses to take pride in their storm water quality. Visit the storm water management webpage for tips and more information at www.hoffmanestates.org/stormwater.

Historian's notebook

By Pat Barch, Hoffman Estates Village Historian

If you clean out your car's glove compartment, you might come across an old map of the state of Illinois. Years ago, gas stations used to give them out for free. Now, everyone relies on the GPS in their smart phones (and backseat drivers) to help them find the way to their destinations.

As a youngster, when vacation time rolled around, I remember helping my father navigate through Wisconsin with my trusty X-marked map. I could follow the highway through towns I had marked and never had to ask, "Are we there yet?" I learned so much about reading maps. I was always curious about the towns that we drove through and wanted to stop and see what it was like. Over the years, my dad would take us to those surrounding towns, and we collected wall pennants from each one of them. Now, my grandchildren wouldn't

know the first thing about reading maps!

I'm still curious about the roads I travel on. One that has a lot of history (and is central to our community) is Higgins Road. Early records date the road back to 1851. It was identified as Dundee Road on a 1904 map. Early settlers called it the Chicago-Dundee Road. Today's Higgins Road (Route 72) wasn't opened as a state road until 1924. It runs for 110.71 miles from Route 43 in Chicago west to Lanark, Illinois. A short portion of Higgins Road runs along what was once the Galena-Chicago Stagecoach Trail out in Genoa. This was the midpoint of the trail as travelers made daily mail and passenger runs.

There have been stories that American Indians used it as a trail to access hunting grounds along the Fox River in Dundee. However, this has

been said for all the local roads that run on an angle, such as Algonquin and Irving Park roads.

Today, Higgins Road takes us to many important destinations. You can head to the city of Chicago, O'Hare International Airport, Woodfield Mall, Poplar Creek at 59/90, the Arboretum of South Barrington, the Hoffman Estates Park District's Scott R. Triphahn Community Center and Ice Arena, the Sears Centre Arena, and several forest preserves. In Hoffman Estates, Higgins Road is a beautiful four-lane divided highway and one of the "main drags" through our Village.

If you find a state map in your glove box, save it! You may need it if your GPS stops working.

Email Pat Barch at eagle2064@comcast.net.

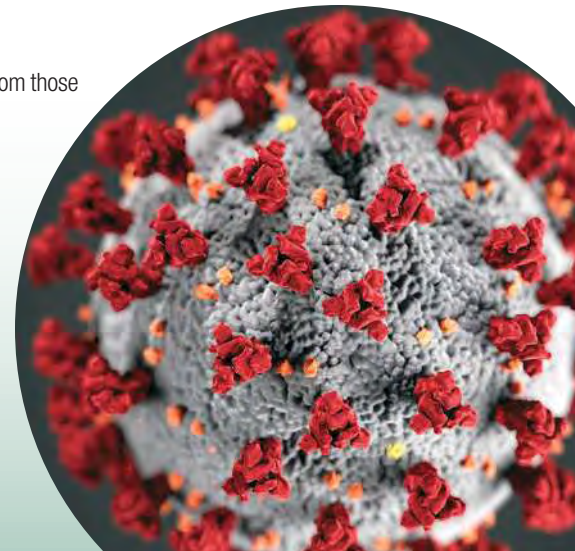
Simple measures to fight COVID-19

Illinois has made significant progress in fighting COVID-19. Let's continue to work together to keep everyone safe! The latest guidance from the Illinois Department of Public Health and the Centers for Disease Control and Prevention is that simple, everyday actions can help prevent the spread of COVID-19 and other illnesses.

Remember your three W's

- **WATCH** your distance! Remain at least 6 feet away from those outside your immediate household.
- **WEAR** face coverings! Wear a mask or cloth face covering any time social distancing is not possible, especially indoors.
- **WASH** your hands! Wash often for a minimum of 20 seconds with soap and water, or use an alcohol-based hand sanitizer.

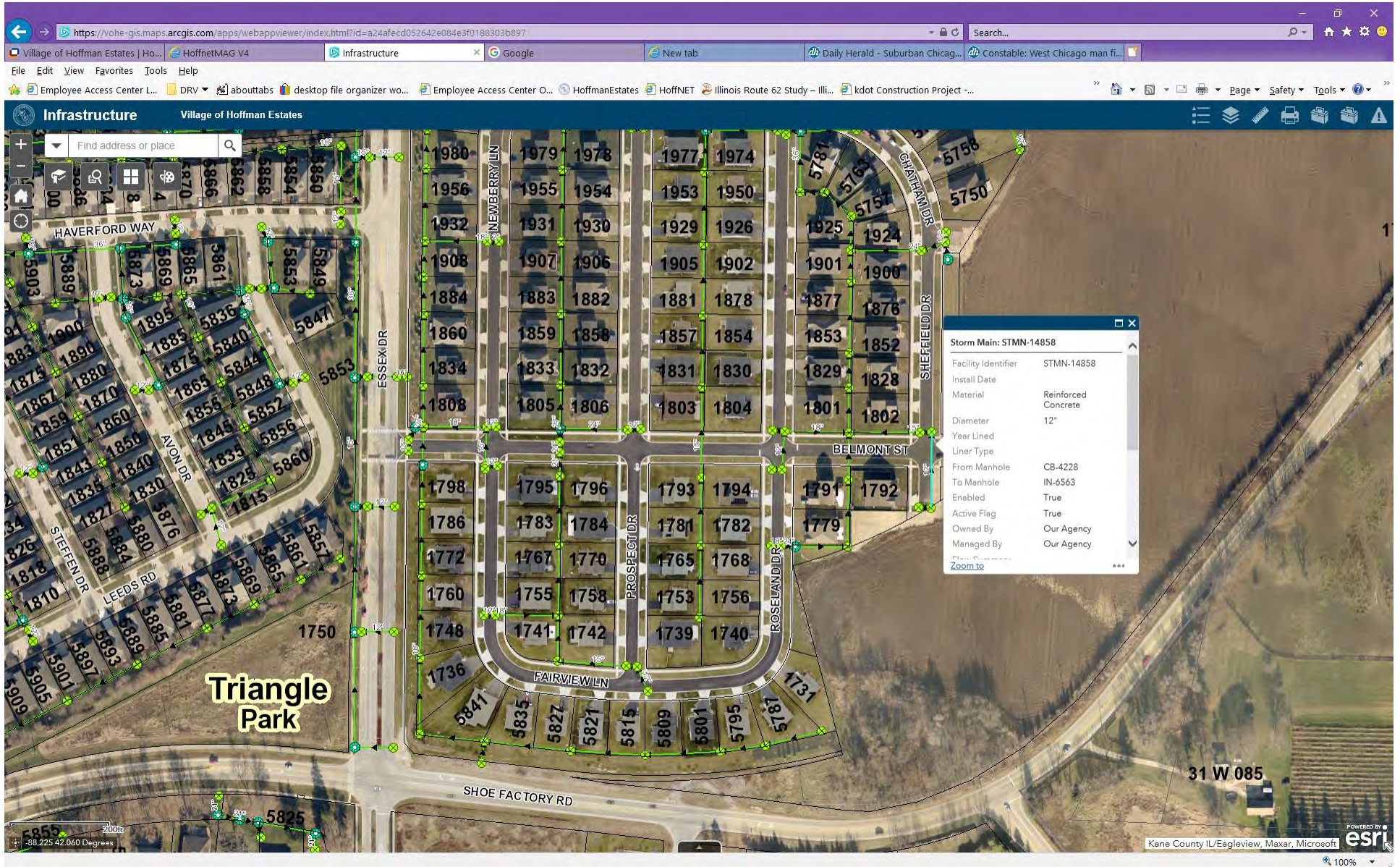
Hoffman Estates is located in the Restore Illinois Northeast/EMS Region 10. Keep an eye on the metrics on the state's website at www.dph.illinois.gov/restore.



ATTACHMENT
FOR
BMP C.1

GIS Storm Sewer Map screenshot

Screen shot of Village GIS Storm Sewer System Map



**ATTACHMENT
FOR
BMP C.2**

Village Code

MUNICIPAL CODE OF HOFFMAN ESTATES, ILLINOIS

Published in 1955 by Order of the Village Board
Republished in 2001 by Order of the Village Board

The logo for Municode, featuring the word "municode" in a bold, lowercase sans-serif font. The "muni" part is black and the "code" part is red.

Municipal Code Corporation | P.O. Box 2235 Tallahassee, FL 32316
info@municode.com | 800.262.2633
www.municode.com

CURRENT OFFICIALS of the VILLAGE OF HOFFMAN ESTATES, ILLINOIS

William D. McLeod
Mayor

Karen V. Mills
Anna Newell
Gary J. Pilafas
Gary Stanton
Michael Gaeta
Gayle Vandenberg
Village Board

Arthur L. Janura, Jr.
Corporation Counsel

Bev Romanoff
Village Clerk

James H. Norris
Village Manager

This Republication constitutes a complete codification of the general and permanent ordinances of the Village of Hoffman Estates, Illinois.

Source materials used in the preparation of the Republication was the Village Code of 1955, as updated through December, 2000. The source of each section is included in the history note appearing in parentheses at the end thereof. The absence of such a note indicates that the section is new and was adopted for the first time with the adoption of the Code. By use of the comparative table appearing in the back of this Code, the reader can locate any section of any subsequent ordinance included herein.

Chapter and Section Numbering System

The chapter and section numbering system used in this Code is the same system used in many state and local government codes. Each section number consists of two parts separated by a dash. The figure before the dash refers to the chapter number, and the figure after the dash refers to the position of the section within the chapter. Thus, the second section of chapter 1 is numbered 1-2, and the first section of chapter 6 is 6-1. Articles may be placed at the end of the chapter embracing the subject, and, in the case of divisions, may be placed at the end of the article embracing the subject. The next successive number shall be assigned to the new article or division. New chapters may be included by using one of the reserved chapter numbers. Care should be taken that the alphabetical arrangement of chapters is maintained when including new chapters.

Indexes

The indexes have been prepared with the greatest of care. Each particular item has been placed under several headings, some of which are couched in lay phraseology, others in legal terminology, and still others in language generally used by local government officials and employees. There are numerous cross references within the indexes themselves which stand as guideposts to direct the user to the particular item in which the user is interested.

Looseleaf Supplements

A special feature of this publication is the looseleaf system of binding and supplemental servicing of the publication. With this system, the publication will be kept up-to-date. Subsequent amendatory legislation will be properly edited, and the affected page or pages will be reprinted. These new pages will be distributed to holders of copies of the publication, with instructions for the manner of inserting the new pages and deleting the obsolete pages.

Keeping this publication up-to-date at all times will depend largely upon the holder of the publication. As revised pages are received, it will then become the responsibility of the holder to have the amendments inserted according to the attached instructions. It is strongly recommended by the publisher that all such amendments be inserted immediately upon receipt to avoid misplacing them and, in addition, that all deleted pages be saved and filed for historical reference purposes.

Acknowledgments

The publisher is most grateful to Mr. Christopher J. Nelson, Assistant to Village Manager, for his cooperation and assistance during the progress of the work on this publication. It is hoped that his efforts and those of the publisher have resulted in a Code of Ordinances which will make the active law of the city readily accessible to all citizens and which will be a valuable tool in the day-to-day administration of the city's affairs.

This republication was under the direct supervision of John Dombroski, Vice President for Supplements, and Janet Cramer, Editor, of the Municipal Code Corporation, Tallahassee, Florida. Credit is gratefully given to the other members of the publisher's staff for their sincere interest and able assistance throughout the project.

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CHAPTER 7 – OFFENSES AND PUNISHMENT

ARTICLE 8. - PUBLIC NUISANCES

Sec. 7-8-3. - Pollution, general.

- A. *Water Pollution.* It shall be unlawful for any person to litter, pollute or cause to be polluted any waterway, stream, lake, pond, storm sewer or other body of water so as to render it unclean and dangerous to the health and well being of any person or animal fowl or fish, coming into contact with such polluted water within the Village of Hoffman Estates.

Sec. 7-8-7. - Water control.

- A. *Obstructing Water Passage.* No person shall knowingly stop or obstruct the passage of water in any street, gutter, public sewer, culvert, water pipe, hydrant, drainageway or swales between houses.
- B. *Stagnant Water Prohibited.* Any stagnant pool of water in the Village is hereby declared to be a nuisance. It shall be unlawful for any person, firm or corporation to permit any such nuisance to remain or exist on any property under their control. Retention ponds or approved natural water retention areas are exempted from this requirement.
- C. *Catch Basins.* Catch basins are to be cleaned of all grease and sludge as often as it is necessary to prevent sewage lines from clogging. It will be the responsibility of the owner to keep catch basins and sewage lines leading from their establishment free of grease.
- D. *Drainage Swales.* No person shall reconstruct or change a rear yard or side yard swale so as to adversely affect the natural drainage.
- E. *Sump Pump Discharge.* Sump pump discharge may be directed to the front, rear or side yard, but if stagnant water pools from a discharge to the side yard, the discharge shall be redirected to the rear or front yard.

ATTACHMENT
FOR
BMP C.3/C.7

Sample Inspection Log



HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks North

NORTH OF TOLLWAY CENTRAL ROAD

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Central Rd 500' East of Ela	Jun 10, 2020	Salas	Cosgriff	
Central Rd 500' West of Thomas Eng. Central Rd to Tollway Culvert	Jun 10, 2020	Salas	Cosgriff	
Central Rd East side of Forest Preserve entrance by guardrail. Goes under Tollway culvert and grate	Jun 10, 2020	Salas	Cosgriff	
Ela Road 200' North of Central Road by guardrail	Jun 10, 2020	Salas	Cosgriff	

Comments	
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NORTH OF TOLLWAY NA

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
3451 North Wiltshire (Well 18) Vault	18" C.M.P.	Jun 10, 2020	Salas	Cosgriff

Comments	
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NORTH OF TOLLWAY NB

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
780 Charleston(Pine Park)	48" C.M.P.			
Winston and Norman(Willow Park)	18" C.M.P.			
Across from 920 Norman	12" C.M.P.			
Norman and Lexington	18" C.M.P.			
3660 Lexington	30" C.M.P. Into creek			
1100 Concord	48" C.M.P. Into creek			
1345 and 1355 Picardy Ct	42" C.M.P.			
3795 and 3805 Bordeaux(Rear Yard)	60" C.M.P.			
1380 Algonquin Road(Well 19)	Culvert			
Windemere(Brittany Park)	Vault and Outflow	Jun 10, 2020	Salas	Cosgriff

Comments	
----------	--

Key

C.M.P.- Corrugated metal pipe

R.C.P.- Reinforced concrete pipe

P.V.C.- Polyvinal chloride pipe

BOLD INDICATES TROUBLE AREA AND SHOULD BE CHECKED MORE OFTEN



HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks North

NORTH OF TOLLWAY NC

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
1929 Alder(Douglas Park) Retention Vault				
3821 Whispering Trails(Meadow Park)				
3954 and 3960 Whispering Trails				
Whispering Lake- Seminole Culvert				
Huntington behind(White Hen) Whispering Lake Vault	Jun 10, 2020	Salas	Cosgriff	

Comments	
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NORTH OF TOLLWAY ND

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Freeman Rd N New Britton(South Ridge Lake) Outfalls				
885 Park Lane (Valley Park)	Outfalls into creek			
1355 Sturbridge(North and South Ridge Lake)				
4195 Mumford(North Ridge Park) Pat's Pantry vault	Jun 10, 2020	Salas	Cosgriff	
Haman and Westbury(Westbury Park vault)	Jun 10, 2020	Salas	Cosgriff	

Comments	
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NORTH OF TOLLWAY NE

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
1633 and 1643 Castaway Ct	24" C.M.P.	Jun 10, 2020	Salas	Cosgriff
5100 Thornbark Outfall into Lake	38" C.M.P.			
5100 and 5070 N Tamarack	32" C.M.P. Into creek-vault	Jun 10, 2020	Salas	Cosgriff
Parkway between 5100 and 5100 Chambers				

Comments	pond behind 1633 castaway isn't draining
----------	--

Key

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HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks West

NORTH OF TOLLWAY WEST

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Shoe Factory Rd by railroad tracks				
Rohrssen Rd inlet at curves (6)				
McDonough Rd- Cannon Crossing Park District- other side of railroad tracks	Creek line			
Mallard Lane and Pheasant Trail Ct	Culvert in creek line			

Comments	
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NORTH OF TOLLWAY WHITE OAK

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
White Oak and Shoe Factory Retention Outflows				
Red Oak and Essex Retention- 2 Outflows				
5729 Caribou- Retention				
5677 and 5689 Caribou- Beehive				
Angouleme- Retention				

Comments	
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NORTH OF TOLLWAY IVY RIDGE

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Ivy Ridge & Colchester Retention Pond				
5591 McDonough Retention Outflow				
2000 Ivy Ridge Pond Retention Outflow				

Comments	
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Key

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HOFFMAN ESTATES

UNDERGROUND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks West

NORTH OF TOLLWAY HUNTERS RIDGE

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Hunter Ridge E & Mallard- Retention Outflow to creek	Jun 10, 2020	Cosgriff	Salas	
Mallard Rd- Box culvert creek	Jun 10, 2020	Cosgriff	Salas	
Mallard Rd- Retention Outflow North of box culvert-Outflow to creek	Jun 10, 2020	Cosgriff	Salas	
Mallard Rd- Retention South of box culvert-East of creek- Outflow to creek	Jun 10, 2020	Cosgriff	Salas	
Mallard Rd- Retention South of box culvert-West of creek- Outflow to creek	Jun 10, 2020	Cosgriff	Salas	
1280 Mallard- Retention Outflow to Creek	Jun 10, 2020	Cosgriff	Salas	
1380 Mallard- Retention Outflow to Creek	Jun 10, 2020	Cosgriff	Salas	
Mallard & Pheasant Trail Ct box culvert in creekline	Jun 10, 2020	Cosgriff	Salas	
Hunters Ridge Wetlands behind 5465 Fox Path- Outflow to creek	Jun 10, 2020	Cosgriff	Salas	
1297 Hunters Ridge E(Behind) Outflow to creek	Jun 10, 2020	Cosgriff	Salas	

Comments	Heavy debris in creek @ mallard and pheasant trail
----------	--

NORTH OF TOLLWAY CANTERBERY FIELDS

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Maureen & Delaney- Retention Outflow S/W corner of pond	Jun 10, 2020	Salas	Cosgriff	

Comments	
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NORTH OF TOLLWAY YORKSHIRE WOODS

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
McDonough Rd Retention Pond Outflow	Jun 10, 2020	Salas	Cosgriff	
Swan & Nicholson Retention Pond Outflow	Jun 10, 2020	Salas	Cosgriff	
Shoe Factory- retention Outflow West of McDonough(Bridlewood)	Jun 10, 2020	Salas	Cosgriff	
Service Road- 2 flared ends in creek line 1300 ft north of Shoe Factory				

Comments	
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Key

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HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks South

PARCEL A

LOCATION AND AREA		DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Hilltop Professional Plaza	2-48" C.M.P.	Jun 10, 2020	Cosgriff	Salas	
Basswood & Higgins Rd(Rt. 72)	78" C.M.P.	Jun 10, 2020	Cosgriff	Salas	
Basswood and Hawthorn	78" Concrete precast into creek	Jun 10, 2020	Cosgriff	Salas	
Aspen Dead End	Creek	Jun 10, 2020	Cosgriff	Salas	
925/945 Ash	Vault	Jun 10, 2020	Cosgriff	Salas	
1000/1005 Apricot	48" C.M.P. Vaults into creek	Jun 10, 2020	Cosgriff	Salas	
1100 Apple	Retention	Jun 10, 2020	Cosgriff	Salas	
960 Apple	Retention	Jun 10, 2020	Cosgriff	Salas	
1045 Apple	48" C.M.P. into creek	Jun 10, 2020	Cosgriff	Salas	
130 Hawthorn	78" concrete precast vault from retention into creek	Jun 10, 2020	Cosgriff	Salas	

Comments

PARCEL B

LOCATION AND AREA		DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Audobon and Higgins (Rt. 72)	48" C.M.P	Jun 10, 2020	Cosgriff	Salas	
Almond and Higgins (Rt. 72)	54" C.M.P / A	Jun 10, 2020	Cosgriff	Salas	
745 Alhambra	54" C.M.P / B	Jun 10, 2020	Cosgriff	Salas	
325 Arizona(Fairview School)	Culvert into creek	Jun 10, 2020	Cosgriff	Salas	
Ashland Dead End	C.M.P. outflow to Golf Course	Jun 10, 2020	Cosgriff	Salas	

Comments

Key

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HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks South

PARCEL C

LOCATION AND AREA		DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Rt. 72 in front of Hoffman Lanes	Ditch line	Jun 10, 2020	Cosgriff	Salas	
Grand Canyon and Higgins (Rt. 72)	Culvert	Jun 10, 2020	Cosgriff	Salas	
Grand Canyon Retention(Community Pool)	42" C.M.P.	Jun 10, 2020	Cosgriff	Salas	
Spring Mill Retention(Across from W Berkeley)	54" C.M.P.	Jun 10, 2020	Cosgriff	Salas	
615 Washington(Lake view Lake/Evergreen PK)	18" P.V.C.	Jun 10, 2020	Cosgriff	Salas	

Comments	
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PARCEL D

LOCATION AND AREA		DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Partridge Hill and Bode	21" C.M.P.	Jun 10, 2020	Salas	Cosgriff	
Behind 1245W Dexter(W Dexter Lake/Chestnut Park)	24" R.C.P.	Jun 10, 2020	Salas	Cosgriff	
1144 Kingsdale (Victoria Park)	Vault	Jun 10, 2020	Salas	Cosgriff	

Comments	
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HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm System Checks South

HIGHLANDS

LOCATION AND AREA		DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
340 Frederick (Locust Park)	24" C.M.P.	Jun 10, 2020	Cosgriff	Salas	
Highland Lake (Highland Park)	18" R.C.P.				
290 Larchmont, Dead End	36" R.C.P.	Jun 10, 2020	Cosgriff	Salas	

Comments	
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MOON LAKE

LOCATION AND AREA		DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Moon Lake by Brookside	54" C.M.P.	Jun 10, 2020	Cosgriff	Salas	
1440 Brookside	Vault	Jun 10, 2020	Cosgriff	Salas	

Comments	
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HOFFMAN ESTATES

UNDERGROUND AND CONSTRUCTION

STORM SEWER DIVISION

Storm Sytem Checks South

HIGHPOINT

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY
Behind 845 Heather		Cosgriff	Salas	
Hassell and Rosedale W	Culvert		Cosgriff	Salas
Park view Cir East(Cottonwood Park)	Creek line		Cosgriff	Salas
Hassell and Huntington	Culvert		Cosgriff	Salas
Hassell and Kensington(Poplar Park)	12" R.C.P.		Cosgriff	Salas
2400 Hassell	Culvert		Cosgriff	Salas
2400 Hassell Lake	24" C.M.P.		Cosgriff	Salas
Behind Barrington Lakes Apt	Creek line		Cosgriff	Salas

Comments	
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HIGHPOINT PARK/ TWINS SYSTEM

LOCATION AND AREA	DATE CLEANED	EMPLOYEE	EMPLOYEE	WATER QUALITY	Lake Level
Highpoint Lake Outflow(Highpoint Park)	Jun 10, 2020	Cosgriff	Salas	Clear	22
Manhole 100' East of Outflow Headwall	Jun 10, 2020	Cosgriff	Salas		N/A
Manhole 400' East of Headwall between asphalt drive and sidewalk	Jun 10, 2020	Cosgriff	Salas		N/A
Manhole Front SE c/o MacArthur School	Jun 10, 2020	Cosgriff	Salas		N/A
Manhole 1095 Hillcrest	Jun 10, 2020	Cosgriff	Salas		N/A
Inlet 995 Hillcrest	Jun 10, 2020	Cosgriff	Salas		N/A
Inlet 985 Hillcrest	Jun 10, 2020	Cosgriff	Salas		N/A
Inlet @ 960 Hillcrest and Inlet SW c/o Hillcrest and Heather	Jun 10, 2020	Cosgriff	Salas		N/A
NE c/o Lake South Twin Outflow	Jun 10, 2020	Cosgriff	Salas	Clear	14
NE c/o Lake beside 875 Rosedale North Twin Outflow	Jun 10, 2020	Cosgriff	Salas	Murky	4
3 Beehives by Nicor (Rosedale)	Jun 10, 2020	Cosgriff	Salas		N/A
Outflow @ Northview Dead End and under Northwest Tollway	Jun 10, 2020	Cosgriff	Salas		N/A
1040 Rosedale (Beehive in rear yard, on Nicor Property)	Jun 10, 2020	Cosgriff	Salas		

Comments	
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ATTACHMENT
FOR
BMP C.9

Village Webpage

Stormwater Pollution Prevention

The Village of Hoffman Estates discharges stormwater from its storm sewer system under the IEPA General National Pollutant Discharge Elimination System Permit No. ILR40.

As a condition of the permit, the Village is required to set goals for a five-year period in order to reduce pollution to the receiving waters. These goals are described in the [Notice of Intent](#).

After each program year, the Village must document its status of compliance with and any changes to the Notice of Intent in an annual Facility Inspection Report. Below is a list of recent reports:

- [Annual Report 2013-2014](#)
- [Annual Report 2015-2016](#)
- [Annual Report 2016-2017](#)
- [Annual Report 2017-2018](#)
- [Annual Report 2018-2019](#)
-  [Annual Report 2019-2020](#)

Stormwater Management Plan

The Village of Hoffman Estates' General Permit ILR40 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 six minimum control measures and related best management practices (BMPs) for each. More details are located in the Village's [Stormwater Management Plan](#) document.

How To Report Violations, Illegal Dumping or Pollutants

If you see someone pouring a substance into an inlet or waterway in Hoffman Estates that you suspect is a pollutant, contact the Village Public Works Department, Monday through Friday until 4:00 p.m. at (847) 490-6800 or after hours and on weekends, call the Police non-emergency line at (847) 882-1818.

**ATTACHMENT
FOR
BMP C.10**

Sample Grate

BMP C.10 Other Illicit Discharge Controls - Sample Grate



ATTACHMENT
FOR
BMP D.1/D.2/D.4/D.6
&
BMP E.2/E.3/E.4/E.5/E.6

Village Ordinance/Code

MUNICIPAL CODE OF HOFFMAN ESTATES, ILLINOIS

Published in 1955 by Order of the Village Board
Republished in 2001 by Order of the Village Board

The logo for Municode, featuring the word "municode" in a lowercase, sans-serif font. The letters "muni" are black, and "code" is red.

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Village Manager

This Republication constitutes a complete codification of the general and permanent ordinances of the Village of Hoffman Estates, Illinois.

Source materials used in the preparation of the Republication was the Village Code of 1955, as updated through December, 2000. The source of each section is included in the history note appearing in parentheses at the end thereof. The absence of such a note indicates that the section is new and was adopted for the first time with the adoption of the Code. By use of the comparative table appearing in the back of this Code, the reader can locate any section of any subsequent ordinance included herein.

Chapter and Section Numbering System

The chapter and section numbering system used in this Code is the same system used in many state and local government codes. Each section number consists of two parts separated by a dash. The figure before the dash refers to the chapter number, and the figure after the dash refers to the position of the section within the chapter. Thus, the second section of chapter 1 is numbered 1-2, and the first section of chapter 6 is 6-1. Articles may be placed at the end of the chapter embracing the subject, and, in the case of divisions, may be placed at the end of the article embracing the subject. The next successive number shall be assigned to the new article or division. New chapters may be included by using one of the reserved chapter numbers. Care should be taken that the alphabetical arrangement of chapters is maintained when including new chapters.

Indexes

The indexes have been prepared with the greatest of care. Each particular item has been placed under several headings, some of which are couched in lay phraseology, others in legal terminology, and still others in language generally used by local government officials and employees. There are numerous cross references within the indexes themselves which stand as guideposts to direct the user to the particular item in which the user is interested.

Looseleaf Supplements

A special feature of this publication is the looseleaf system of binding and supplemental servicing of the publication. With this system, the publication will be kept up-to-date. Subsequent amendatory legislation will be properly edited, and the affected page or pages will be reprinted. These new pages will be distributed to holders of copies of the publication, with instructions for the manner of inserting the new pages and deleting the obsolete pages.

Keeping this publication up-to-date at all times will depend largely upon the holder of the publication. As revised pages are received, it will then become the responsibility of the holder to have the amendments inserted according to the attached instructions. It is strongly recommended by the publisher that all such amendments be inserted immediately upon receipt to avoid misplacing them and, in addition, that all deleted pages be saved and filed for historical reference purposes.

Acknowledgments

The publisher is most grateful to Mr. Christopher J. Nelson, Assistant to Village Manager, for his cooperation and assistance during the progress of the work on this publication. It is hoped that his efforts and those of the publisher have resulted in a Code of Ordinances which will make the active law of the city readily accessible to all citizens and which will be a valuable tool in the day-to-day administration of the city's affairs.

This republication was under the direct supervision of John Dombroski, Vice President for Supplements, and Janet Cramer, Editor, of the Municipal Code Corporation, Tallahassee, Florida. Credit is gratefully given to the other members of the publisher's staff for their sincere interest and able assistance throughout the project.

Copyright

All editorial enhancements of this Code are copyrighted by Municipal Code Corporation and the Village of Hoffman Estates, Illinois. Editorial enhancements include, but are not limited to: organization; table of contents; section catchlines; prechapter section analyses; editor's notes; cross references; state law references; numbering system; code comparative table; state law reference table; and index. Such material may not be used or reproduced for commercial purposes without the express written consent of Municipal Code Corporation and the Village of Hoffman Estates, Illinois.

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CHAPTER 10 – SUBDIVISION CODE

ARTICLE 3 – LAND IMPROVEMENTS

Sec. 10-3-13. - Erosion and sedimentation control.

- A. *General Principles.* It is the objective of this Section to control soil erosion and sedimentation caused by development activities in the Village. Measures taken to control erosion and sedimentation shall be adequate to assure that sediment is not transported from the site and shall be in accordance with the "Procedures and Standards for Urban Soil Erosion and Sedimentation Control" adopted by the North Cook County Soil and Water Conservation District (or Kane-DuPage Soil and Water Conservation District, where appropriate). The following principles shall apply to all development activities within the Village and to the preparation of the submissions required under Section 10-3-14[.]
1. Development should be related to the topography and soils of the site so as to create the least potential for erosion. Areas of steep slopes where high cuts and fills may be required should be avoided wherever possible, and natural contours should be followed as closely as possible.
 2. Natural vegetation should be retained and protected wherever possible. Areas immediately adjacent to natural watercourses should be left undisturbed wherever possible.
 3. The smallest practical area of land should be exposed for the shortest practical time during development.
 4. Sediment basins, debris basins, desalting basins, silt traps or filters must be installed and maintained to remove sediment from run-off waters on land undergoing development. Soil erosion control measures must be in place prior to any construction.
 5. The selection of erosion and sedimentation control measures should be based on assessment of the probable frequency of climatic and other events likely to contribute to erosion, and on evaluation of the risks, costs and benefits involved.
 6. In the design of erosion control facilities and practices, aesthetics and the requirements of continuing maintenance should be considered.
 7. Provision should be made to accommodate the increased run-off caused by changed soil and surface conditions during and after development. Drainageways should be designed so that their final gradients and the resultant velocities of discharges will not create additional erosion.
 8. Permanent vegetation and structures should be installed as soon as practical during development. Refer to Article 4 of this Code for a listing of recommended planting seasons.

(Ord. No. 4360-2013, § 1(Exh. A), 3-18-13)

ATTACHMENT
FOR
BMP F.1

Sample Training Handouts/Information

2020 Virtual Roads Deicing Workshop

October 1st

Roads Workshop
Webinar Registration



OCT
01

**Oct. 1, 2020 Roads Deicing
Workshop Webinar**

by The Conservation Foundation

[Follow](#)

\$40

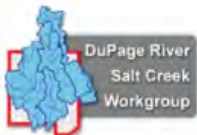
Registrations Are Closed

Registration for the October 1 Deicing Workshop is now closed. Two other workshops dates are available on Oct. 8 for the Parking Lot & Sidewalk Deicing Training and Oct. 14 for the Public Roads Deicing Training. If you have questions, please contact Nancy Cinatl at 630-428-4500 ext. 120 or ncinatl@theconservationfoundation.org.

This year's workshop will be in a webinar format. Register here in order to access the webinar login link (which can be shared).

About this event

Hosted by DuPage River Salt Creek Workgroup, Lower Des Plaines Watershed Group, Lower DuPage River Watershed Coalition, The Conservation Foundation, and sponsored by Kane County Division of Environmental & Water Resources: The workshop webinar aims to help personnel from municipalities and public works facilities to implement Best Management Practices (BMPs) to reduce the amount of salt they use in snowfighting operations and to address NPDES Permit Requirements. Certificates of Attendance will be provided upon request to Nancy Cinatl at ncinatl@theconservationfoundation.org.



[The Conservation Foundation](#)

Attended by: Allen

Organizer of Oct. 1, 2020 Roads Deicing Workshop Webinar

[Website](#)

[Follow](#)

[Contact](#)

Date and time

Thu, October 1, 2020
8:00 AM - 12:00 PM CDT
[Add to calendar](#)

Location

Online event

Refund policy

No Refunds

2020 Virtual Parking Lots & Sidewalks Deicing Workshop

October 8th

Parking Lots & Sidewalks Workshop Webinar Registration

OCT
08

Oct. 8, 2020 Parking Lots & Sidewalks Deicing Workshop Webinar

by Lower DuPage River Watershed Coalition & Lower Des Plaines Watershed Group

[Follow](#)

\$40

Registrations Are Closed

Registration for the October 8 Parking Lots & Sidewalks Deicing Workshop is now closed. Another workshop is available on Oct. 14 for the Public Roads Deicing training. If you have questions, please contact Nancy Cinatl at 630-428-4500 ext. 120 or ncinatl@theconservationfoundation.org.

This year's workshop will be in a webinar format. Register here in order to access the webinar login link (which can be shared).

About this event

Hosted by DuPage River Salt Creek Workgroup, Lower Des Plaines Watershed Group, Lower DuPage River Watershed Coalition, The Conservation Foundation, and sponsored by Kane County Division of Environmental & Water Resources: The workshop webinar aims to help personnel from Public Works, Park Districts, School Districts and Landscape Contractors implement Best Management Practices (BMPs) to reduce the amount of salt they use in snowfighting operations and to address NPDES Permit Requirements. Certificates of Attendance will be provided upon request to Nancy Cinatl at ncinatl@theconservationfoundation.org.

Date and time

Thu, October 8, 2020
8:00 AM – 12:00 PM CDT
[Add to calendar](#)

Location

Online event

Refund policy

No Refunds



Attended by: McGraw
Lackowski
Jahnke

Lower DuPage River Watershed Coalition & Lower Des Plaines Watershed Group

Organizer of Oct. 8, 2020 Parking Lots & Sidewalks Deicing Workshop Webinar

The Lower DuPage River Watershed Coalition formed to provide a local, coordinated effort to address water resource concerns using a science-based approach to identify water quality stressors and develop ecologically and economically sound approaches to restore stream health.

The Coalition completed a watershed based plan for the Lower DuPage River Watershed in May of 2011 and formally adopted bylaws and elected officers in January of 2012 to coordinate implementation. The Coalition is a 501c(3) supported by Agency & Associate Members based on a dues and membership fee system. Funds collected support a Bioassessment Monitoring Program and staff to coordinate implementation, communication and collaboration in the watershed.

The Lower Des Plaines Watershed Group (LDWG) began in August, 2016 when the Cities of Crest Hill, Joliet, Lockport and Villages of Channahon and Romeoville began discussions with stormwater, wastewater and industrial agencies to determine levels of interest and benefits to forming a watershed group. Stakeholders quickly determined that a comprehensive monitoring program throughout the Lower Des Plaines Watershed would not only help establish baseline conditions, but also identify which pollutants have the biggest impact on aquatic communities.

The LDWG adopted bylaws and was incorporated on February 28, 2017. The Group's objectives include developing and implementing a plan to achieve attainment of water quality standards and designated uses for the Lower Des Plaines River. The Group has completed its objective to develop a plan for a long-term monitoring program. The data and analyses will position stakeholders to make informed decisions and recommendations to implement cost-effective strategies to improve local waterways and meet permit requirements. The LDWG is a 501c(3) supported by Agency & Associate Members based on a dues and membership fee system. Funds collected support the Bioassessment Monitoring Program and staff to coordinate implementation, communication and collaboration in the watershed.

[Follow](#)

[Contact](#)

2020 Virtual Roads Deicing Workshop

October 14th

Roads Workshop
Webinar Registration

OCT
14

Oct. 14, 2020 Public Roads
Deicing Workshop Webinar

by DuPage River Salt Creek Workgroup

[Follow](#)

\$40

Registrations Are Closed

Registration for the October 14th Deicing Workshop is now closed. If you have questions, please contact Nancy Cinatl at 630-428-4500 ext. 120 or ncinatl@theconservationfoundation.org.

This year's workshop will be in a webinar format. Register here in order to access the webinar login link (which can be shared).

About this event

Hosted by DuPage River Salt Creek Workgroup, Lower Des Plaines Watershed Group, Lower DuPage River Watershed Coalition, The Conservation Foundation, and sponsored by Kane County Division of Environmental & Water Resources: The workshop webinar aims to help personnel from municipalities and public works facilities to implement Best Management Practices (BMPs) to reduce the amount of salt they use in snowfighting operations and to address NPDES Permit Requirements. Certificates of Attendance will be provided upon request to Nancy Cinatl at ncinatl@theconservationfoundation.org.

Date and time

Wed, October 14, 2020
8:00 AM - 12:00 PM CDT
[Add to calendar](#)

Location

Online event

Refund policy

No Refunds



Attended by: Capiga
Kovaka

DuPage River Salt Creek Workgroup

Organizer of Oct. 14, 2020 Public Roads Deicing Workshop Webinar

 [Website](#)

Formed in 2005, the DuPage River Salt Creek Workgroup is comprised of local communities, publicly owned water treatment facilities, engineering and environmental organizations to address water resource quality in the East and West Branches of the DuPage River and Salt Creek with the intent of helping the partners meet the goals of the Clean Water Act in these waterways.

[Follow](#)

[Contact](#)

SAFETY ANSWER BOOK



STORM WATER

Requirements Summary

Storm Water Pollution Prevention Plans (PPPs)

Companies and municipalities who must file general storm water permits must complete and implement storm water pollution prevention plans. Although the plans need not be submitted to the EPA, they must be on file and available to an EPA inspector.

Baseline pollution prevention plans have two major objectives — to identify potential sources of pollution and to describe the practices the company will follow to reduce pollutants in storm water discharges.

1. **Pollution Source Identification.** Typical source identification plan components include:
 - Mapping the drainage site;
 - Estimating the area of impervious surfaces and the total areas drained by each outfall;
 - Describing specified features that may impact the pollution potential of a discharge;
 - Listing significant spills and leaks of toxic or hazardous pollutants that occurred at the facility after the effective date of the permit;
 - Predicting the direction, rate, types, and total quantity of pollutants that may be present in discharges at your location; and
 - Summarizing existing sampling data describing pollutants in storm water discharges.
2. **Best Management Practices to Reduce Pollutants.** Typical pollution prevention plan components include:
 - Establishing a pollution prevention committee;
 - Identifying risks from materials present at the site;
 - Instituting a preventive maintenance program;
 - Implementing good housekeeping procedures;



STORM WATER Requirements Summary

- Establishing spill prevention and response plans;
- Developing sediment and erosion prevention plans;
- Training employees in company plans and procedures;
- Conducting periodic inspections of the facility;
- Keeping appropriate records and reports; and
- Certifying that storm water discharges have been tested for the presence of non-storm water pollution sources.

Duty to Reapply

NPDES permits are effective for a fixed term not to exceed 5 years. Permittees who wish to continue any activity regulated by a NPDES permit after its expiration date must apply for and obtain a new permit. Permittees must submit a new application 180 days before the existing permit expires unless permission for a later date has been granted. Reapplication details are found in 40 CFR 122.21, 122.41 and 122.46.

The EPA administrators of regions 1, 2, 3, 4, 6, 9 and 10 have announced that the Agency does not intend to reissue the NPDES storm water baseline industrial general permit and is proposing to terminate this permit. As a result, all industrial facilities previously permitted under the baseline permit would be required to obtain storm water permit coverage under the multi-sector general permit (MSGP), which was finalized on September 30, 1998, or to submit an application for an individual permit. For more information, see the July 11, 1997 *Federal Register* or contact your regional EPA storm water coordinator.

Reporting

Industry-specific semi-annual monitoring and annual reporting requirements are established for storm water discharges associated with industrial activity from six classes of industries:

- Certain SARA Title III, Section 313 facilities;
- Primary metal facilities;
- Land disposal units;

ATTACHMENT
FOR
BMP F.2

Village Drainage System Maintenance SOP

**VILLAGE OF HOFFMAN ESTATES
PUBLIC WORKS DEPARTMENT
DRAINAGE SYSTEM MAINTENANCE
STANDARD OPERATING PROCEDURES**

I. OBJECTIVE

- A. These Standard Operating Procedures (SOP) specify responsibilities and procedures for inspecting and cleaning the streams, ditches and storage basins in the Village of Hoffman Estates.

II. RESPONSIBILITIES

- A. The Director of Public Works is responsible for the administration of this Standard Operating Procedures and the performance of the Village of Hoffman Estates staff identified herein.
- B. The Director of Public Works is responsible for:
1. Inspecting the streams, ditches and storage basins in accordance with this Standard Operating Procedures and in response to complaints and inquiries received by the Village of Hoffman Estates.
 2. Forwarding drainage problem reports to the appropriate office for action.
 3. Serving maintenance notices to private property owners.
 4. Cleaning the streams, ditches and storage basins on public property, right-of-ways and easements in accordance with these Standard Operating Procedures.
 5. Monitoring the streams, ditches and storage basins in the Village of Hoffman Estates parks and required cleaning in accordance with these Standard Operating Procedures.
- C. The Chief of Police and/or the Building Official is responsible to enforce the Village of Hoffman Estates Municipal Code and related regulations on dumping or depositing material in the drainage system. The Chief of Police and/or the Building Official are also responsible for serving maintenance notices to private property owners.

- D. All work on Illinois Department of Transportation or Cook County property shall be coordinated with the appropriate state and county offices.
- E. Property owners are responsible for maintaining the streams, ditches and detention basins on their properties.

III. JURISDICTION

- A. These Standard Operating Procedures cover all the public and private surface facilities delineated on the drainage system map, provided as Attachment 1.
- B. Jurisdiction includes: all creeks, ditches, detention areas, and retention within the Village.

IV. IDENTIFICATION OF PROBLEMS

- A. The Village Engineer or his/her designee and/or Director of Public Works or his/her designee shall inspect all the watercourses and basins in the drainage system.
- B. Frequency should be at least semi-annual and during storm season.
- C. When a major storm forecast is received, Director of Public Works or his/her designee shall check the outlet, flow and report the water level of the following lakes: (level in feet above the outlet elevation)

High Point Lake

North/South Twin Lakes

Ray Kessel Lake (Highland Blvd. & Jones) and contact Village of Schaumburg as needed.

Highland Lake

- C. Within 24 hours of a major storm, Village Engineer or his/her designee and/or Director of Public Works or his/her designee shall inspect the “choke points” where debris has been known to accumulate.
- D. See inspection log for locations.
- E. The Village Engineer or his/her designee and/or Director of Public Works or his/her designee shall complete the Drainage Inspection Report after each

inspection. If an inspection finds a problem, a Drainage Problem Report shall be completed and forwarded to the appropriate office. A copy of the report shall be kept in an appropriate file.

- F. The Village Engineer or his/her designee and/or Director of Public Works or his/her designee shall inspect all complaints submitted by residents, community officials or other community offices. Such complaints shall be recorded on the Drainage Problem Report form.

ATTACHMENT
FOR
BMP F.3

See BMP A.1 - Sample Article

ATTACHMENT
FOR
SECTION C

Results of Information Collected/Analyzed/Monitoring

**DRSCW ILR40 Activities
March 2020– February 2021**

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 year ending 2020 included:

- The DRSCW website was updated and maintained during the reporting period and periodically updated with presentations and material (www.drscw.org).
- A searchable database with information on local aquatic biodiversity (IBIs), habitat (QHEI), and sediment and water column chemistry was maintained and periodically updated.
- 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.
 - 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, 2020 to February 28, 2021 are listed below. Selected presentations are made available on the DRSCW website and upon request.

April 29, 2020 – The Survivability of the COVID-19 Virus in Air, Water, Wastewater, and Various Surfaces. Presenter: Charles P. Gerba, Professor of Epidemiology and Bio-statistics in the Department of Environmental Science. University of Arizona.

April 29, 2020 -- Conserving riverine fish populations in dammed rivers: maintaining population connectivity using upstream fish passage at barriers. Presenter: Dr. Boyd Kynard, BK RiverFish.

June 24, 2020 – Restore Salt Creek. Presenter: Stephen McCracken and Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

August 26, 2020 – Changes in the Fish Assemblage of Chicago's Working Waterways over 3 Decades. Dr. Austin Happel, Ph.D. Research Biologist, John G. Shedd Aquarium & Dustin Gallagher, Aquatic Biologist, MWRDGC.

August 26, 2020– Restore Salt Creek. Presenter: Peter Gray, Aileron Communications.

October 29, 2020 – Update on Spring Brook Phase II. Presenter: Scott Meister, Manager of Natural Resources, Forest Preserve District of DuPage County.

December 9, 2021 – Reconnecting waterways in northeastern Illinois: Current progress and future challenges. Steve Pescitelli, Region II Steam Specialist, Illinois Department of Natural Resources

Other Water Quality Presentations or Workshops by the DRSCW

February 6, 2020 – Urban Winter Chloride Management - LTAP Drainage and Stormwater Conference, Purdue University, Indiana. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

April 6, 2020 – Alternatives at the Graue Mill Dam- Salt Creek Watershed Network. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

April 7, 2020 – Dam Removals in Northeast Illinois Press Conference. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

May 2020 – TMDLs – Thinking Beyond Permit Limits, River Rally (virtual conference). Presenter: Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

May 14, 2020 – IPS model - Project ID and NARP development, Lower Des Plaines Watershed Group. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

July 7 & 9, 2020 – Virtual Open Houses for the Master Plan for Salt Creek at Fullersburg Woods. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

September 8, 2020 – Master Plan for Salt Creek at Fullersburg Woods, Oak Brook Village Board Meeting. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

September 22, 2020 – Master Plan for Salt Creek at Fullersburg Woods, FPDDC Planning Meeting. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

October 1, 2020 – Chloride TMDLs in NE Illinois for USEPA Chloride Working Group. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

October 1, 8, & 14, 2020 – Welcome and Introductions for the Chloride Workshops, October 1, 8 and 14, 2020. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup and Jennifer Hammer, The Conservation Foundation.

October 19, 2020 – Impacts of Dams and the Benefits of Dam Removal, TCF Will County Advisory Council, October 19, 2020. Presenter: Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

October 24, 2020 – Master Plan for Salt Creek at Fullersburg Woods, LWV-LaGrange. Presenter: Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

November 12, 2020 – Master Plan for Salt Creek at Fullersburg Woods, TCF DuPage County Advisory Council. Presenter: Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

November 18, 2020 – Nutrient Assessment and Reduction Plans, North Branch Watershed Workgroup (NBWW) Membership Meeting, November 18, 2020. Presenter: Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

January 27, 2021 – Project Identification and Selection for Aquatic Life Improvement, Flint Creek/Spring Creek Watersheds Partnership. Presenter: Stephen McCracken and Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

February 26, 2021 – Managing Stream Resource Quality in Urban Watersheds, Water and Waste Management (WWM) 3rd International Conference and Expo. Presenter: Stephen McCracken, The Conservation Foundation/DuPage River Salt Creek Workgroup.

February 26, 2021 – Dam Removals: A Key Component of Stream Ecosystem Restoration, Water and Waste Management (WWM) 3rd International Conference and Expo. Presenter: Deanna Doohaluk, The Conservation Foundation/DuPage River Salt Creek Workgroup.

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

Chloride Questionnaires

As monitoring ambient chloride concentrations has proven an imperfect metric for tracking efficiency trends in winter salt use the DRSCW has attempted to track adoption of sensible salting BMPs in the program area since 2007. Tracking target BMP adoption in the program area provides opportunities to evaluate the impacts of the chloride management workshops, identify material for future workshops, and form suppositions about salt use per unit of service expended inside the program area relative to 2006 levels.

In 2007, 2010, 2012, 2014, 2016, and 2018 the DRSCW distributed a questionnaire to approximately 80 municipal highway operations and public works agencies to obtain information about deicing practices throughout the program area. Findings of the 2018 questionnaire were include in the 2018 Annual Report. A new questionnaire will be distributed in spring of 2021 and the results will be supplied in the 2021 MS4 Activities Report.

Chloride Reduction Workshops

During the reporting period March 1, 2020 to February 28, 2021, three chloride reduction workshops and four technical webinar briefs were held. Due to precautions necessitated by the Coronavirus pandemic, the workshops were held in a webinar format allowing the groups to collaborate and host the workshops jointly. Workshop registration was also made available to agencies in McHenry, Lake and Cook counties as their usual annual deicing workshops were cancelled. Accordingly, the webinars were attended by staff in DuPage, Will, Kane, Kendall, Lake, McHenry and Cook counties.

Public Roads Deicing Workshops were held on October 1 and October 14, 2020 (Plate 1). Fortin Consulting, Inc. from Minnesota was engaged to present the material. A registration fee was required per agency in order view the webinar. The links were sharable so the webinars could be viewed individually or in groups. A poll was taken at the beginning of each webinar asking how many persons were in the room. The polling results indicated that there were 280 persons viewing the Oct. 1 webinar and 190 persons viewing the Oct. 14th webinar for a total of 470 attendees for the Public Roads webinars. Certificates of attendance were provided to those who requested them. Evaluation surveys were sent to the persons who logged in to the webinars. A link to the Minnesota Snow and Ice Control: Field Book for Snowplow Operators was provided to each registrant. The registration list by agency for the Winter De-icing Workshops is included in Attachment A.

Plate 1. Deicing Workshops Registration Form, 2020.




On October 8, 2020 the Parking Lots and Sidewalks Deicing Workshop webinar was held, Fortin Consulting, Inc. was again engaged to present the material. The polling results indicated that there were 123 persons viewing the webinar. Certificates of attendance were provided to those who requested them. Evaluation surveys were sent to the persons who logged in to the webinars. A link to the Minnesota Pollution Control Agency Winter Parking Lot & Sidewalk Maintenance Manual was provided to each registrant. The registration list by agency for the Winter De-icing Workshops is included in Attachment A.

Questions from participants were entered into the chat and answered by Fortin Consulting or Workgroup staff as well as others participating in the training. A summary of all links provided during the training as well as other links added to the chat were captured and provided to the participants after the webinar (Plate 2).


To complement the Winter Deicing Workshops, the Winter Technical Briefs – Mini-Webinar Series was presented to focus on specific issues (Plate 13). Topics in 2020 included: October 20 – Reducing Salt With Organics: The Boost & Reduce Method, October 27 – Sourcewell & Cooperative Purchasing, November 10 – Benefits of Segmented Blades, and November 17 – The Fine Art of Brine Making. Staff also worked with local partners to create a training video on how to calibrate a walk behind salt spreader. These webinars and training video are posted on www.saltsmart.org.

Plate 2. Links from webinar presentation and chat, 2020.



October 2020 Winter Deicing Workshop Links

- Roads manual - <http://www.mn.itap.umn.edu/publications/handbooks/documents/snowice.pdf>
- State by state Winter Maintenance Statistics - <https://clearroads.org/winter-maintenance-survey/>
- Well 14 <https://www.cityofmadison.com/water/insidemwu/saving-madison-from-salt-1>
- "The Real Cost of Salt Use" Report https://www.pca.state.mn.us/sites/default/files/wq_lw11_06bb.pdf
- Stormwater Research at St. Anthony Falls Laboratory, "Urban Stormwater Ponds can be a Source of Phosphorus" - <http://stormwater.safll.umn.edu/updates-newsletters/updates-april-2018>
- The Skinny on water softeners - <https://www.pca.state.mn.us/skinny-water-softeners>
- Clear Roads <https://clearroads.org> <https://clearroads.org/materials-liquid-materials/>
- For the Model Snow and Ice Policy (for municipal operations)- <https://www.pca.state.mn.us/sites/default/files/p-tr1-51a.pdf>
- Model Municipal Ordinances - <https://www.pca.state.mn.us/sites/default/files/p-tr1-54.pdf>
- Model Private Contract (for hiring private contractors)- <https://www.pca.state.mn.us/sites/default/files/p-tr1-52a.pdf>
- Salt Smart Collaborative www.saltsmart.org
- Calibrating Manual Sanders <https://www.pca.state.mn.us/sites/default/files/roadsalt-calibratingmanualsanders.pdf>
- Watch this later for calibration! City of Shorewood Hills Calibration Video - http://www.youtube.com/watch?v=LEt9-tut_es&t=0m29s
- Illinois Department of Transportation - www.gettingaroundillinois.com
- Information on Henderson's Brine makers <http://www.hendersonproducts.com/brinextreme-advantage.html>
- Information on Henderson's Liquid Application Systems <http://www.hendersonproducts.com/liquid-ice-control-systems.html> Rob Florio Henderson Products rflorio@hendersonproducts.com or Chris Fack cfack@hendersonproducts.com or call/text (847)754-5035
- Ag by-product Liquids Effectiveness - http://clearroads.org/wp-content/uploads/dlm_uploads/FR_CR_13-02_Revised.pdf
- Salt Brine Blending to Optimize Deicing and Anti-Icing Performance - <http://www.dot.state.mn.us/research/documents/201220.pdf>
- More isn't always better https://www.youtube.com/watch?v=pYm1aIn_ApI
- Deicing Application Rates for two-lane road - <https://fortinconsulting.com/wp-content/uploads/2018/04/Road-Deicing-App-Chart-Master-Copy.pdf>
- Chute design - http://www.dot.state.mn.us/maintenance/files/salt_sustainability/saltchute.pdf
- The Small Sites YouTube video is at <https://v637g.app.goo.gl/uAbzabSPLEW8IPWw9>
- "Smart Salting for Sustainability" by AASHTO - <https://sicoo.transportation.org/2020/09/14/episode-40-smart-salting-for-sustainability/>
- 4-page summary of Statewide Chloride Mgmt. Plan - https://www.pca.state.mn.us/sites/default/files/wq_s1-94a.pdf
- Twin Cities Metropolitan Area Chloride Management Plan - https://www.pca.state.mn.us/sites/default/files/wq_lw11-06ff.pdf
- Smart salting schedule: <https://www.pca.state.mn.us/water/smart-salting-training-calendar>
- <https://www.eco-zem.com/pvpsum-remediate-saline-sodic-soils/>
- Iowa DOT liquid spread pattern presentation from the 2020 Salt Symposium: <https://fortinconsulting.com/wp-content/uploads/2020/08/Bob-Ellis-Jeff-Vanderzaag-Winter-Maintenance.pdf>
- 2020 Salt Symposium presentations: <https://fortinconsulting.com/salt-symposium-2020-presentations/>



Ambient Impact Monitoring

DRSCW's Chloride Education and Reduction Program is performing an analysis to demonstrate any observable reduction in chloride loading within the water quality data collected since the beginning of program efforts. For over a decade, the program has been implementing a number of chloride reduction efforts, including:

- Annual Educational workshops (for public roads and parking lots/sidewalks)
- Equipment calibration training
- Product and chemical alternative summaries
- Equipment and salt application advancements
- Salt usage, storage and deicing best management practices
- Example salt use policies and management plans

The goal of the analysis is to see if these efforts are resulting in a discernable impact on chloride loading within the instream water quality data collected by DRSCW from 2009 to present. The analysis is challenging. There are many factors that affect the resulting water quality data, including variability in winter weather over the years (temperatures, precipitation, number of storms, types of storms), inconsistency in municipal salt application events across the DRSCW's watershed areas, and inconsistency in the way events are defined and tracked by municipalities. The variability inherent in winter weather conditions, municipal application practices and record keeping does not allow the loading data to show the effect of reduction practices without accounting for it in some way. Additionally, the assumption that reductions in public or institutional use (the main recipients of training) will automatically translate into lowering of ambient chloride loading needs to be proven.

Our approach consists of using direct chloride sampling and analysis concentration data, along with adjusted specific conductivity concentration data collected by the DRSCW, and USGS flow data to calculate loading (in pound per day) of chloride for each DRSCW watershed over the past decade. This created loading data. The methodology then required that the loading data be adjusted or normalized to account for variabilities in winter weather and salt application events. The team examined several different weather datasets to try and overlay the loading data but none proved adequate. In early 2021, the DRSCW signed a contract with Weather Command / Murray and Trettel, Inc. for 10 years of detailed data.

The weather data is being analyzed by individual watershed and separately for summer and winter periods each year. The hope is that once adjusted for variabilities, the loading data will better show the effect of the program's salt use reduction training and best management practices implementation by municipalities on water quality.

As of the time of this report, the data has been organized by watershed and season, and water quality loadings have been calculated for the study period. Detailed weather and precipitation data is being reviewed to develop a method for accounting for the variability in temperatures and precipitation, municipal salt application events, and the way salt application events are defined and tracked. Adjustments will be performed using those methods, and the resulting loading trends will be presented in a future report. This analysis may provide an indication of the effectiveness of the Workgroup's chloride education and reduction efforts.

Ambient Winter Chloride Monitoring

Ambient monitoring of winter conductivity was carried out at 6 locations in the program area in 2019-2020 (4 sites monitored by the DRSCW and 2 sites monitored by MWRD). Conductivity is used to calculate chloride concentrations based on a relationship established by the DRSCW in 2007 and 2019 (so the data is referred to as calculated). Calculated Annual chloride concentrations for the winter months for the 6 sites are depicted in Figure 1-3 and depicted in Map 1.

Figure 1. Calculated annual chloride concentrations - winter months (2007-2020) for Salt Creek at Wolf Road (top panel) and Salt Creek at Busse Woods Main dam (bottom panel).

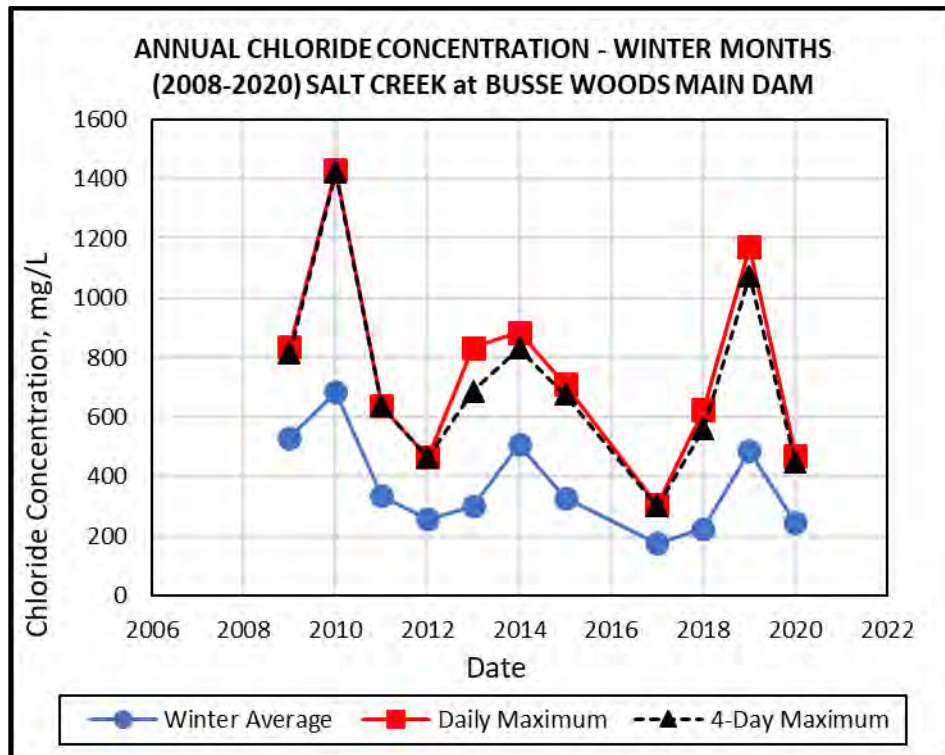
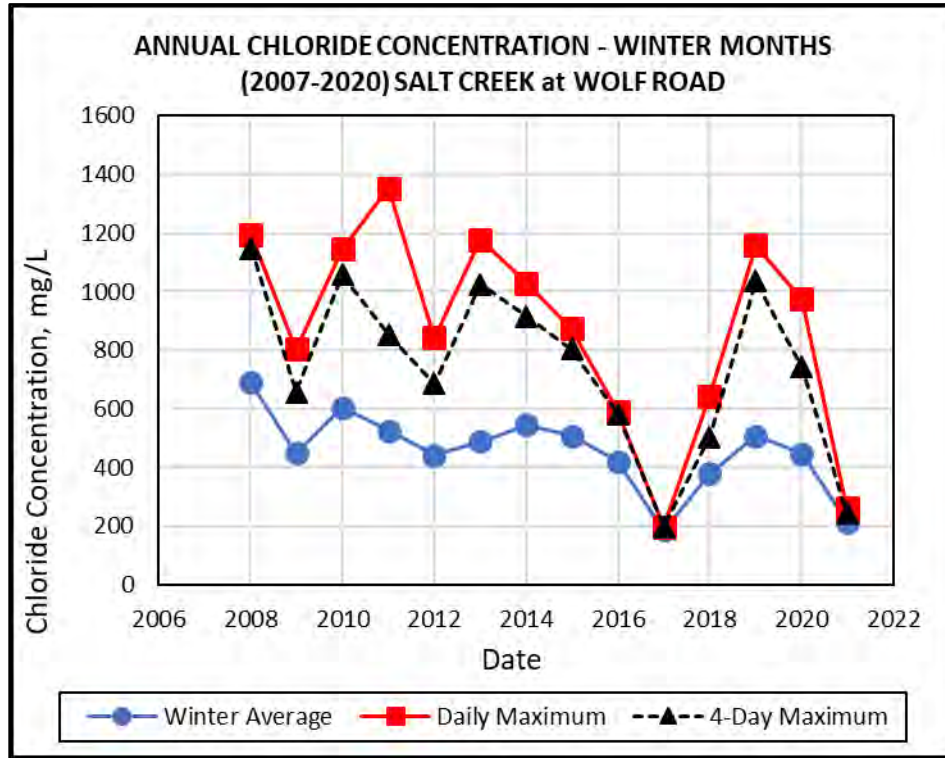


Figure 2. Calculated annual chloride concentrations - winter months (2008-2020) for East Branch at Hobson Road (top panel) and East Branch at Army Trail Road (bottom panel).

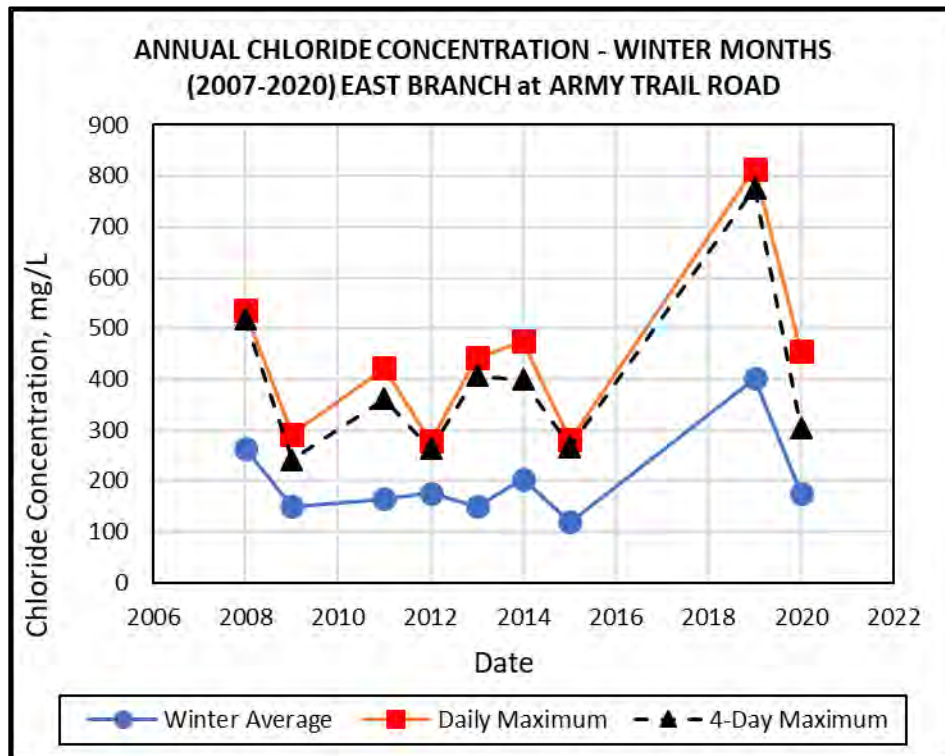
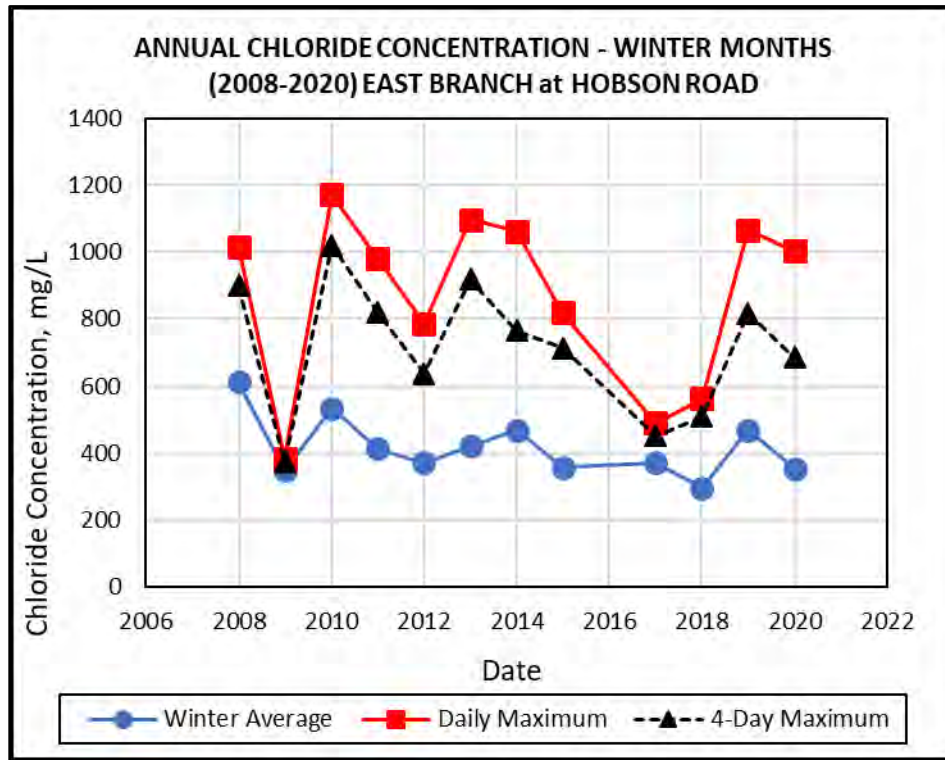
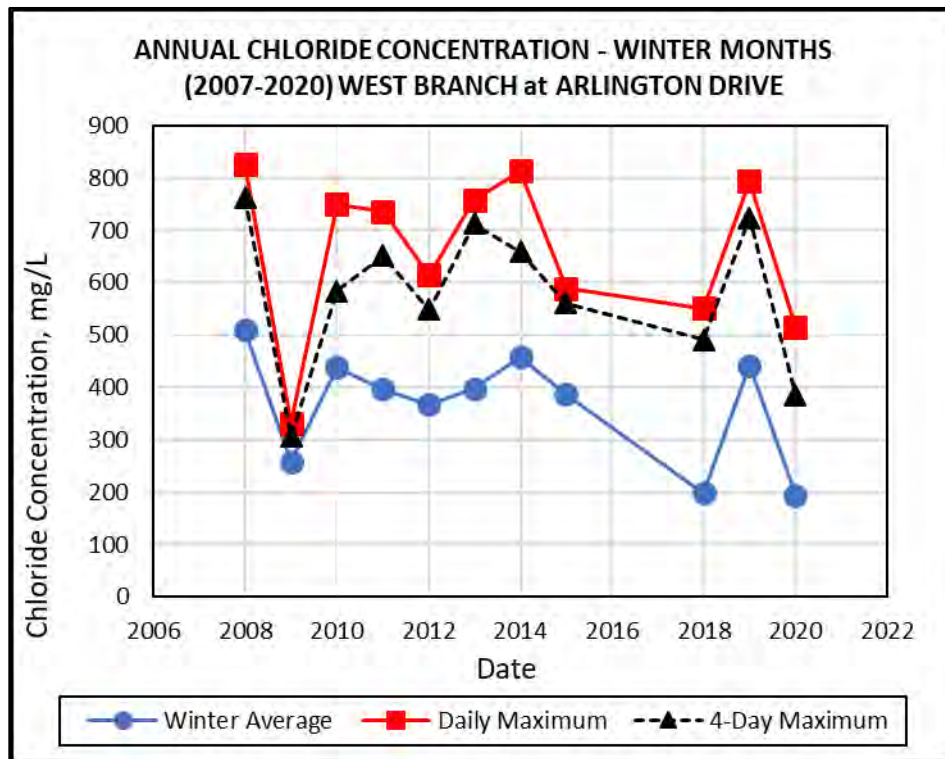
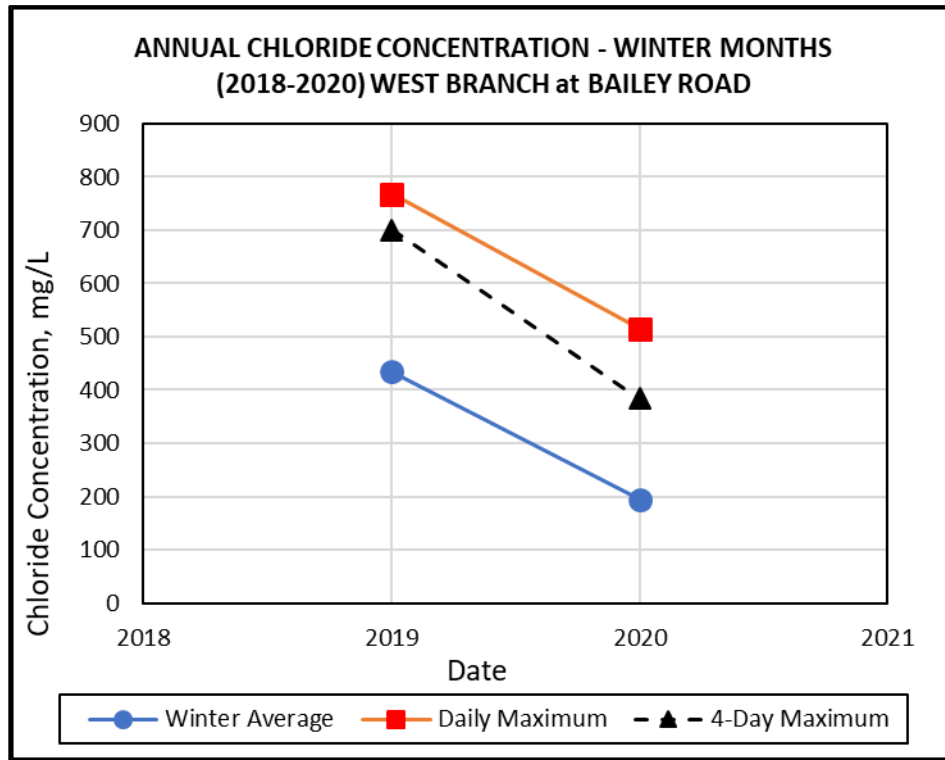


Figure 3. Calculated annual chloride concentrations - winter months (2018-2020) for West Branch at Bailey Road (top panel) and West Branch at Arlington Road (bottom panel).



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 two components: 1) Bioassessment and 2) DO monitoring.

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, watershed will be sampled in a 5-year rotation ensuring that each watershed will be sampled during the effective period of the ILR40 permit. 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*

Watershed	Sampling Completed (year)	Sampling Scheduled (year)
East Branch DuPage River	2007, 2011, 2014, 2019	2023
West Branch DuPage River	2007, 2009, 2012, 2015, 2020	2024
Salt Creek	2007, 2010, 2013, 2016	2021

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 as part of the bioassessment is processed, evaluated, and synthesized as a biological and water quality assessment of aquatic life use status. The 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.

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.

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

Method/Protocol	West Branch DuPage River (2020)	East Branch DuPage River (2019)	Salt Creek (2016)	Reference Sites (2006-2020)	Total Sites
Biological sampling					
Fish	42	41	51	13	147
Macroinvertebrates	42	41	51	13	147
QHEI	42	41	51	13	147
Water Column Chemical/Physical Sampling					
Nutrients*	42	38	51	6	136
Water Quality Metals	30	38	51	6	136
Water Quality Organics	18	11	16	6	51
Sediment Sampling	23	15	16	6	60

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

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 West Branch DuPage River including the 2020 data and macroinvertebrate sampling for the sampling conducted in 2019 in the East Branch DuPage River. A map of the 2019 East Branch DuPage River bioassessment sites can be found in Map 2 and a map of the 2020 West Branch DuPage River sampling sites can be found in Map 3. 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/>. Additionally, summaries of the findings for the mainstem East Branch DuPage River and Salt Creek can be found in the 2018 and 2019 DRSCW MS4 Activities Report.

The fish and macroinvertebrate results are presented as 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.

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.

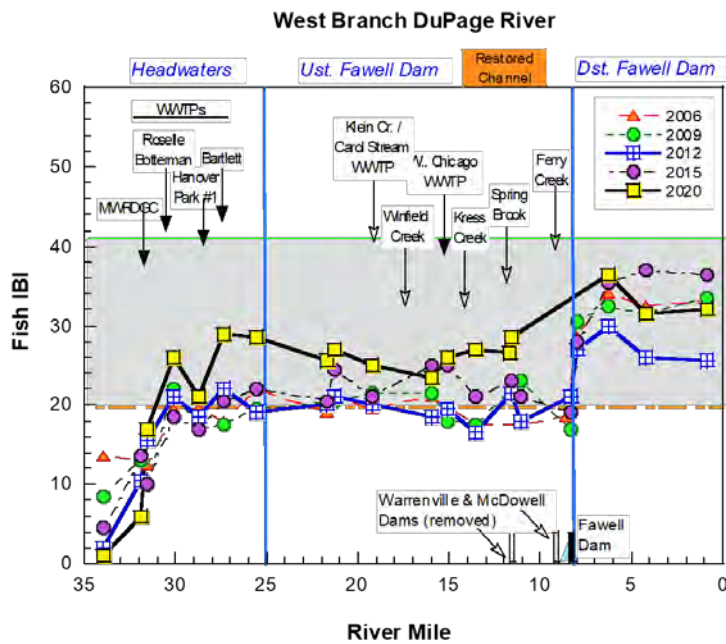
Samples from each site were processed by enumerating and recording weights by species and by life stage (y-o-y, juvenile, and adult). All captured fish were immediately placed in a live well, bucket, or live net for processing. Water was replaced and/or aerated regularly to maintain adequate D.O. levels 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

West Branch DuPage River

Fish assemblage conditions throughout the West Branch DuPage River watershed a in the poor and fair ranges (Figure 4).

Figure 4. Fish IBI scores in the West Branch DuPage River, 2009, 2012, 2015, and 2020 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

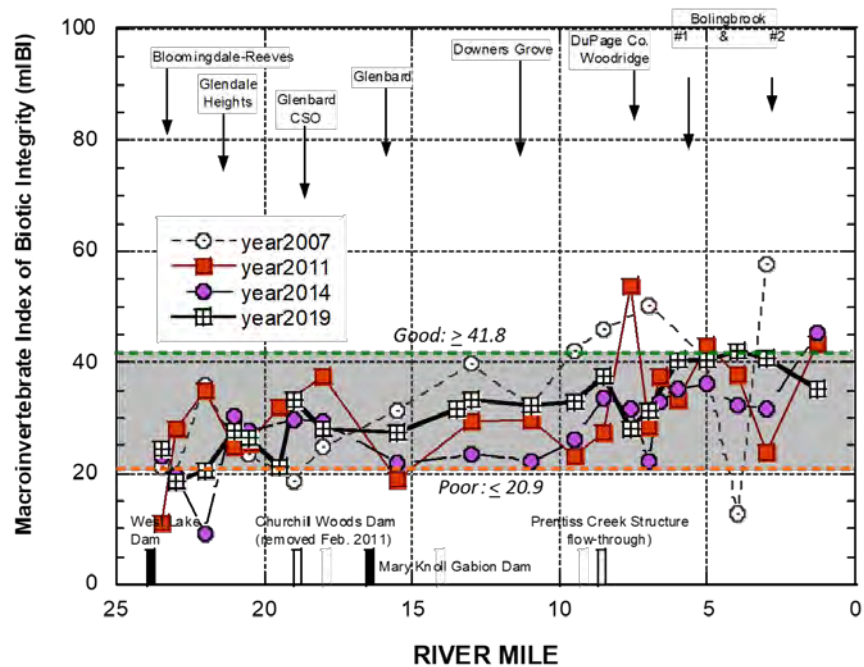
East Branch DuPage River

Macroinvertebrate collections from the 2019 East Branch are in the primarily in the fair ranges (Figure 5).

West Branch DuPage River

Macroinvertebrate collections from the 2020 West Branch are still pending and will be provided in the 2020 DRSCW MS4 Activities Report.

Figure 5. Macroinvertebrate IBI scores in the East Branch DuPage River, 2007, 2011, 2014, and 2019 relation to municipal POTW dischargers.



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

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.

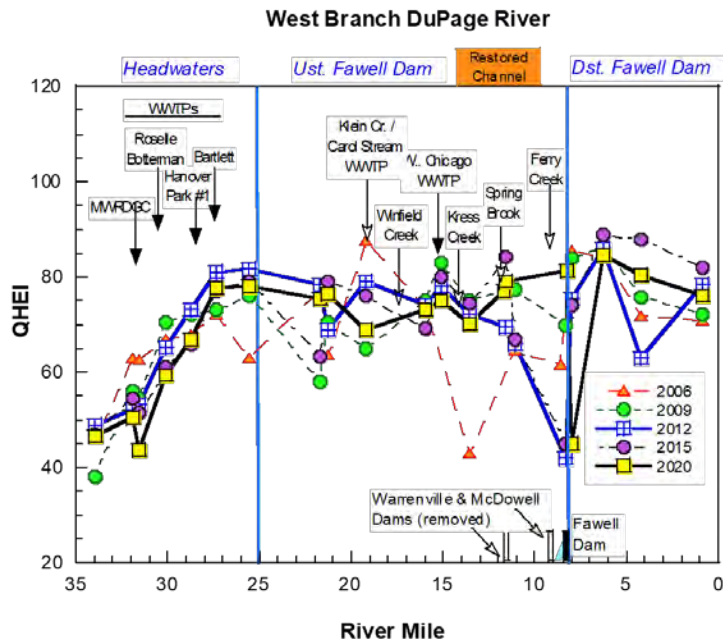
Results

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.

West Branch DuPage River

Based on QHEI scores, mainstem habitat quality fell mostly in the good ranges, but varied by location (Figure 6).

Figure 6. Qualitative Habitat Evaluation Index (QHEI) scores for the West Branch DuPage River in 2009, 2012, 2015, and 2020 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 3. 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 4). Organics sampling is a single sample done at a subset of sites. Sediment sampling is done at a subset of 60 sites using the same procedures as IEPA.

The parameters sampled for are included in Table 5 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/>.

Table 3. 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 (2016)	51	280	280	149	16
West Branch DR (2020)	42	225	225	116	18
East Branch DR (2019)	38	212	212	100	11

Table 4. 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

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.

West Branch DuPage River

In 2020, samples for fecal coliform samples were collected at four (4) sites on the mainstem West Branch DuPage River and two (2) sites on Spring Brook #1. Each site was sampled 5 times within a 30-day period beginning on September 29, 2020. The results are summarized below in Table 6.

West 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 (Figures 7-9).

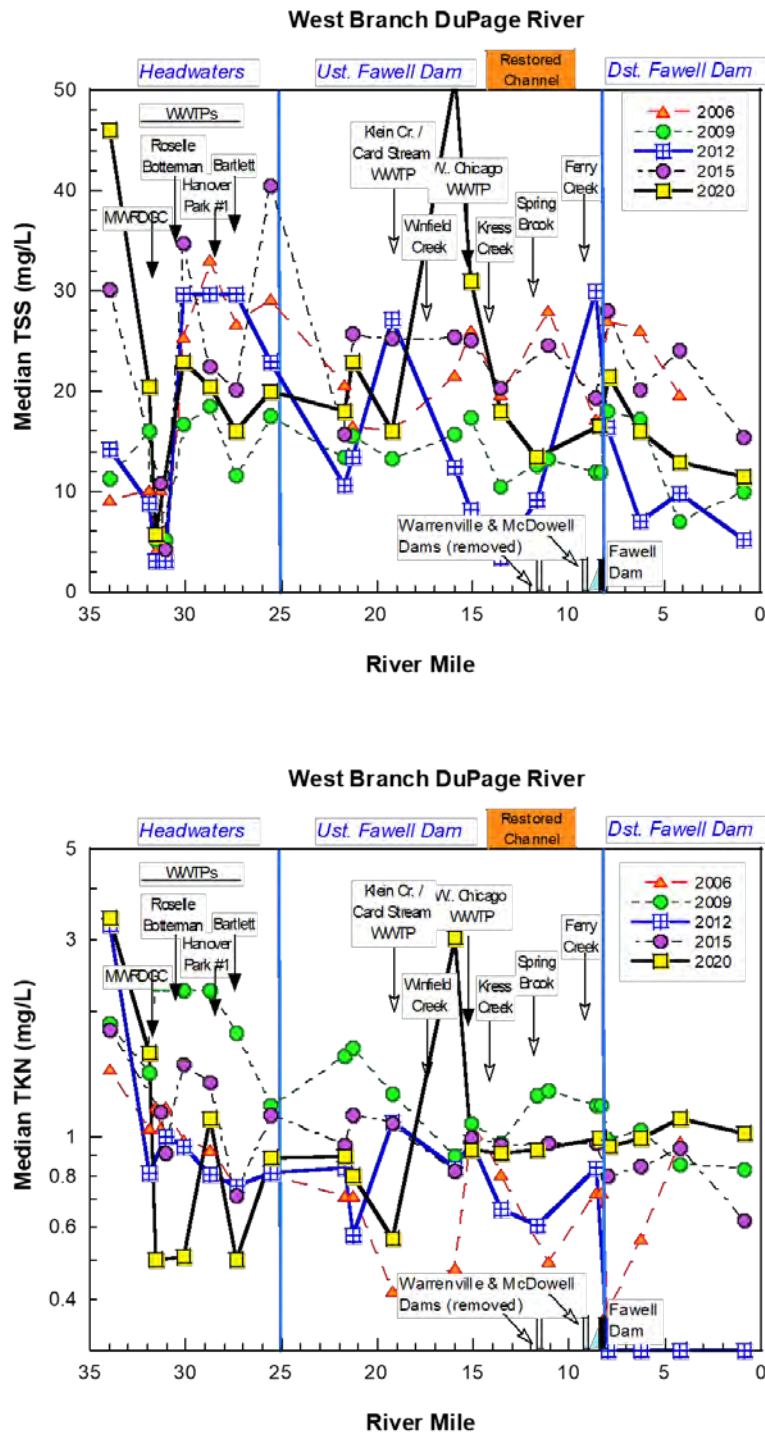
Table 5. Water Quality and sediment Parameters sampled as part of the DRSCW Bioassessment Program.

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

Table 6. Concentrations of Fecal Coliform in 2020 in the West Branch DuPage River watershed.

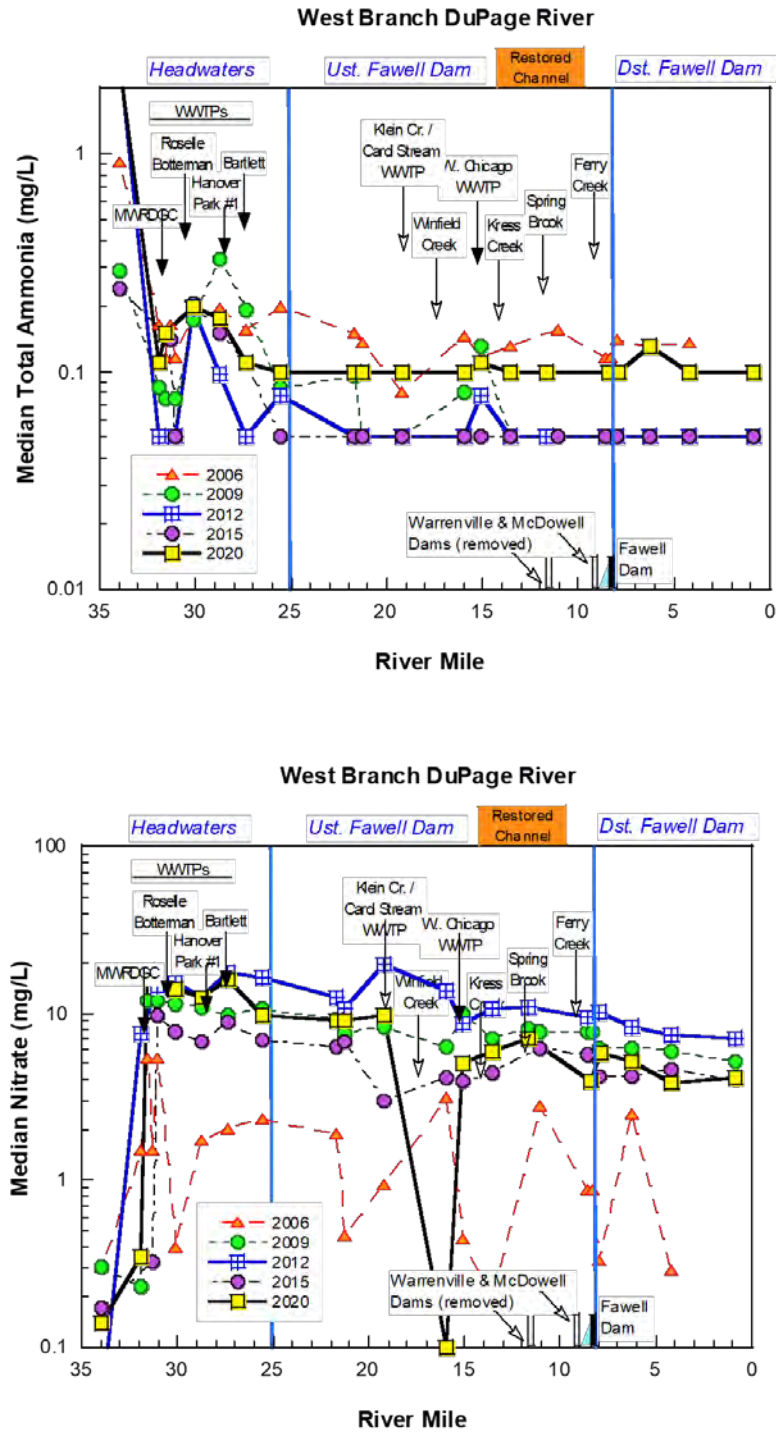
Site Number	Site Description	Fecal Coliform (cfu/100mL)					Mean Fecal Coliform (cfu/100mL)
		9/29/2020	10/1/2020	10/5/2020	10/12/2020	10/15/2020	
West Branch DuPage River							
WB20	West Branch DuPage River, Downstream of Struckman Boulevard	150.00	<50	50.00	<50	50.00	72.11
WB17	West Branch DuPage River, 1600' upstream from Geneva Rd. within Prairie Path Meadows	50.00	<50	<50	<50	<50	50
WB41	West Branch DuPage River, Upstream from Ogden Ave.; downstream from Fawell Dam	50.00	<50	<50	<50	<50	50
WB08	West Branch DuPage River, At Knoch Knolls Park	50.00	<50	<50	<50	<50	50
Spring Brook #1							
WB11	Spring Brook #1, Upstream of 2nd Bridge in Wheaton Sanitary District (WSD); upstream WSD discharge	<50	<50	<50	<50	<50	ND
WB28	Spring Brook #1, 700 feet Downstream of WSD discharge	<50	<50	5.00	<50	<50	5

Figure 7. Median concentrations of total suspended solids (top panel) and TKN (lower panel) from West Branch DuPage River samples in 2009, 2012, 2015, and 2020 in relation to municipal WWTP discharges.



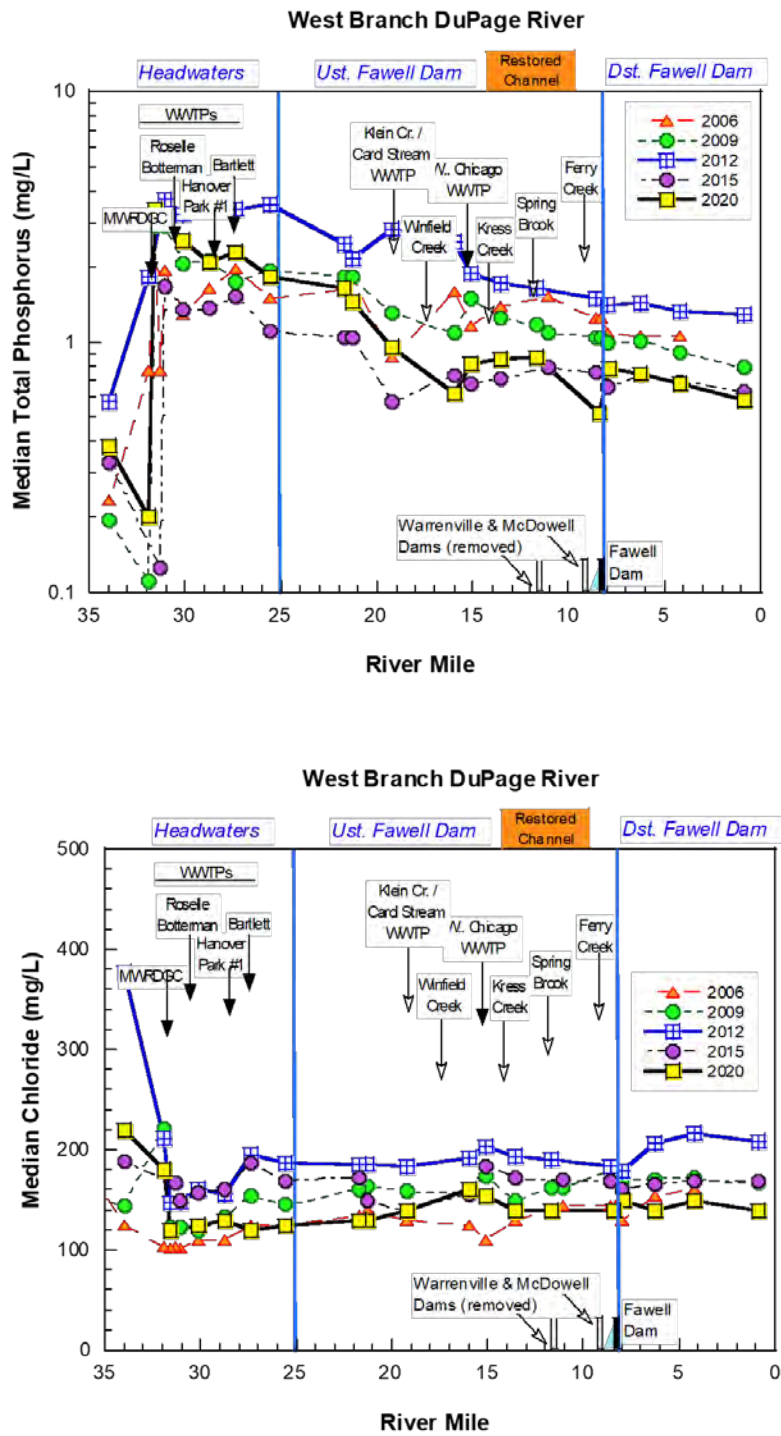
Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage).

Figure 8. Median concentrations of ammonia-N (top panel) and nitrate+nitrite-N (lower panel) from West Branch DuPage River samples in 2009, 2012, 2015, and 2020 in relation to municipal WWTP discharges and tributaries.



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

Figure 9. Median concentrations total phosphorus (top panel) and chloride (bottom panel) from West Branch DuPage River samples in 2009, 2012, 2015, and 2020 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).

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 three TMDLs were prepared by the IEPA for Salt Creek and the East Branch of the DuPage River. 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.

Typically, the DRSCW continuous DO monitoring project includes four (4) sites on the West Branch DuPage River, four to five (4-5) sites of the East Branch DuPage River, and three to four (3-4) sites on Salt Creek. In 2020, an additional site was added on the West Branch DuPage River at Bailey Road in Naperville, Illinois. The DRSCW program began in 2006 and data has been collected each year since. Each site is equipped with a HydroLab DS 5X which collects data on DO, pH, conductivity and water temperature. Stations have a sample interval of one hour and collect data from June through to October (the seasonal period recognized as containing the lowest annual levels of stream DO). The continuous DO monitoring program functions under a quality assurance plan agreed on with the IEPA (<http://drscw.org/wp/dissolved-oxygen/>). Additionally, the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) maintains two sondes on Salt Creek (for a total of five (5) sites on Salt Creek. Details on the site location are included in Table 7 and site locations for 2020 are included on Map 4.

Table 7. 2020 Continuous DO monitoring locations in the DRSCW watersheds.

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)

Results

Results of the continuous DO monitoring conducted in the summer of 2020 is included in Figures 10-17.

Figure 10. Dissolved Oxygen plots for West Branch DuPage River sites at Arlington Drive (WBAD) (top panel) and Butterfield Road (WBBR) (lower panel).

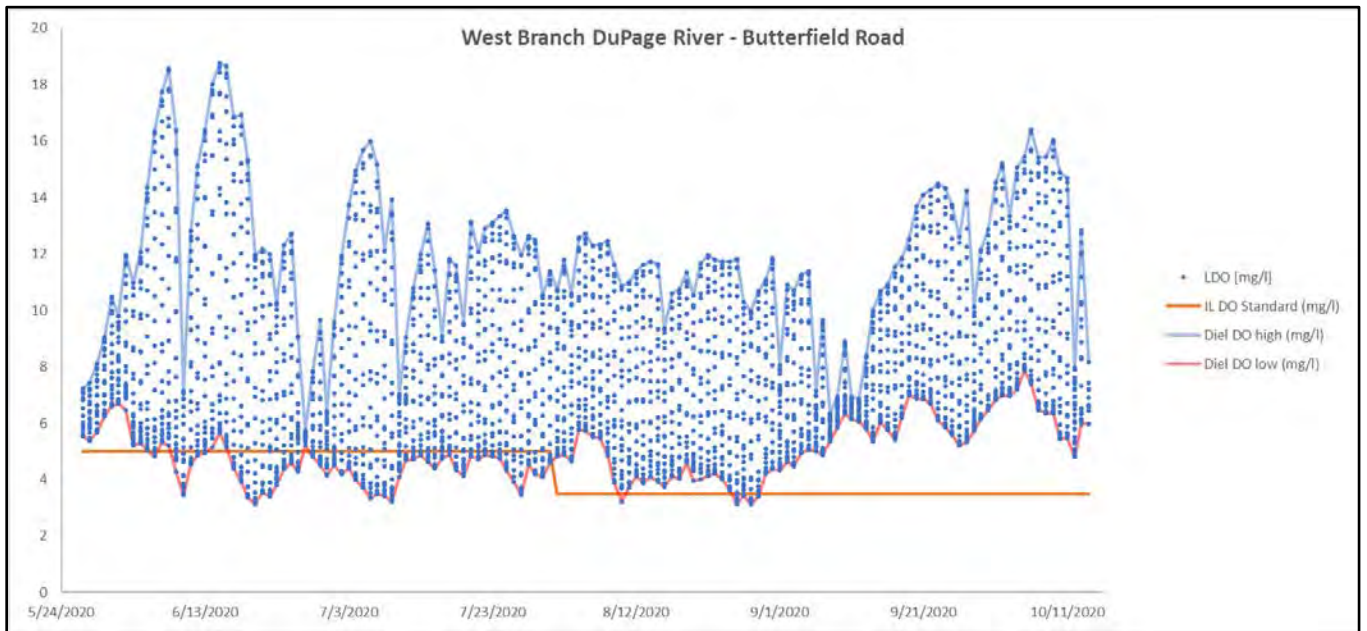
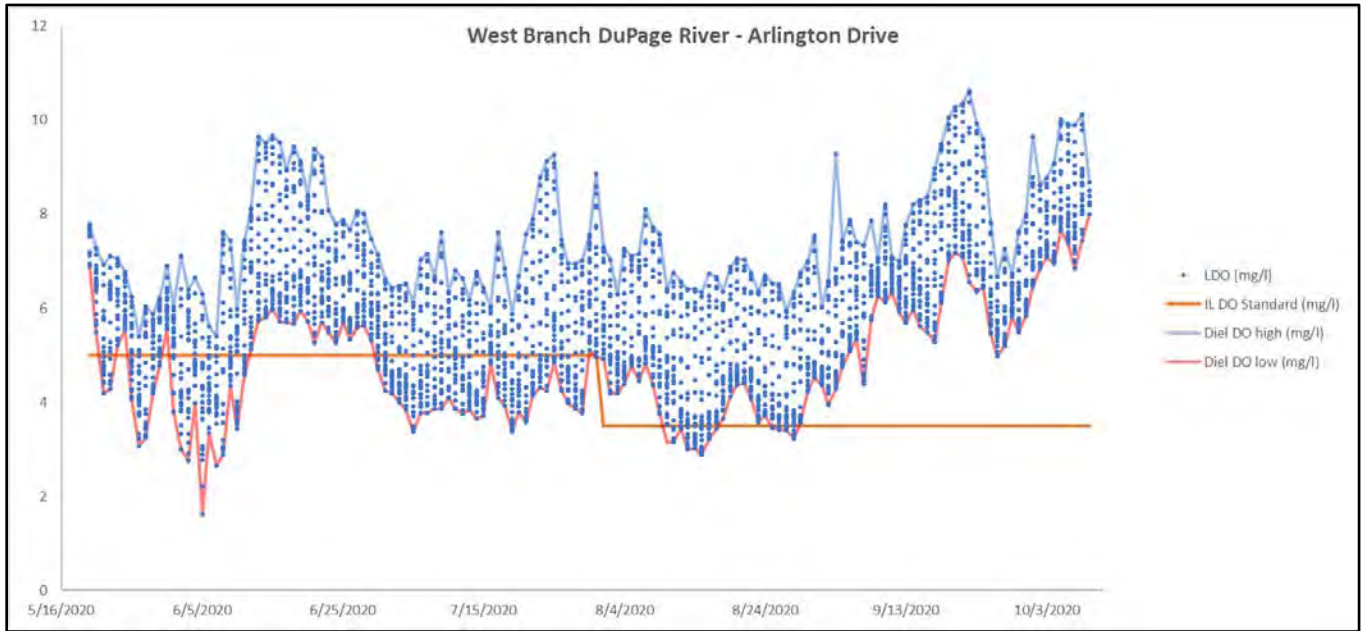


Figure 11. Dissolved Oxygen plots for West Branch DuPage River sites at Warrenville Grove (WBWD) (top panel) and McDowell Grove Forest Preserve (WBMG) (lower panel).

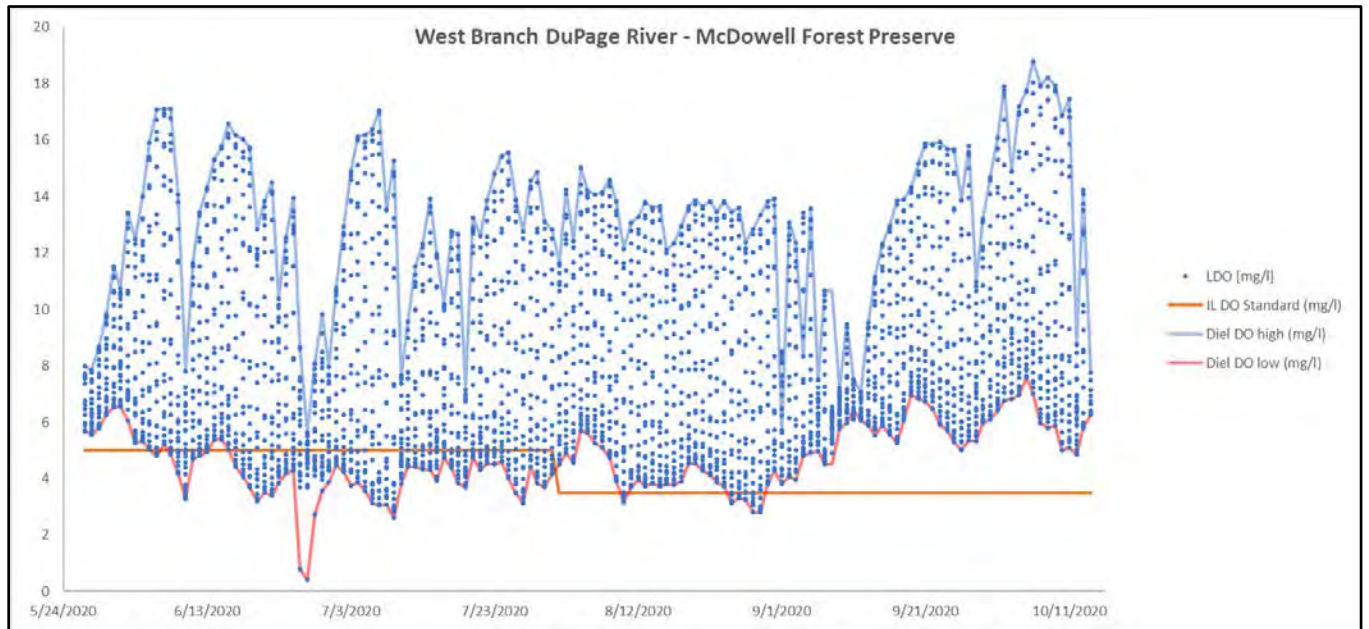
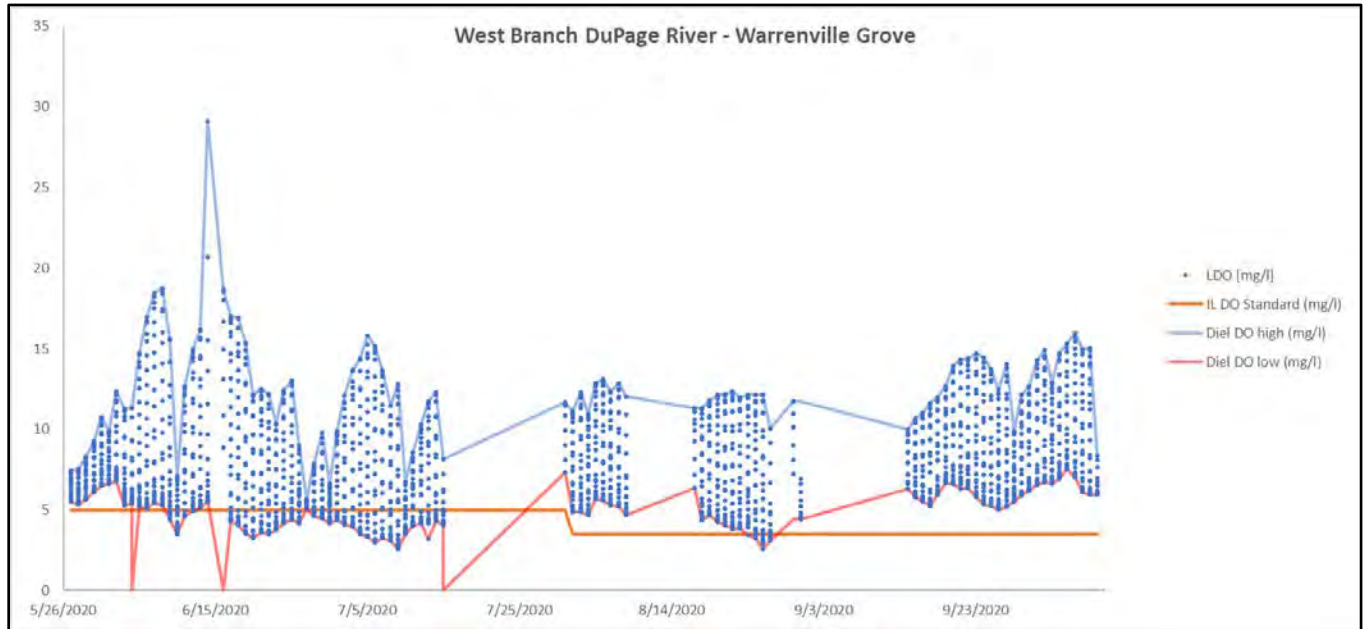


Figure 12. Dissolved Oxygen plots for West Branch DuPage River at Bailey Road in Naperville (WBNPV) (top panel) and East Branch DuPage River sites at Army Trail Road (EBAR) (lower panel).

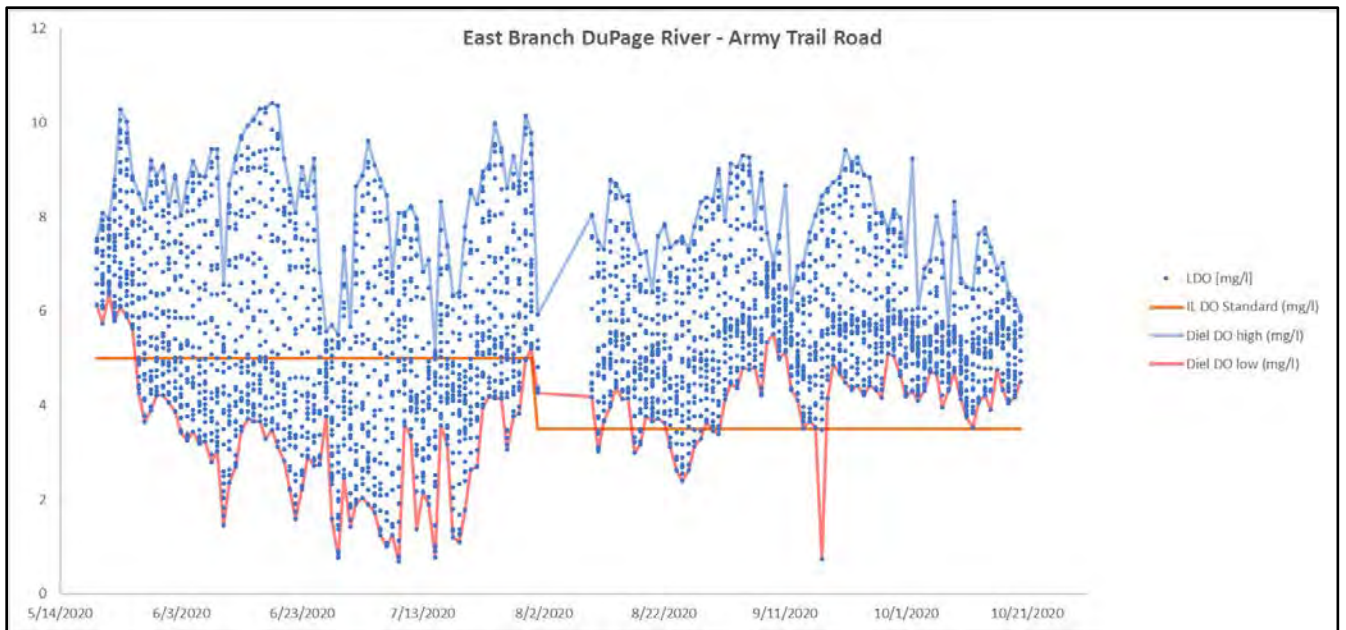
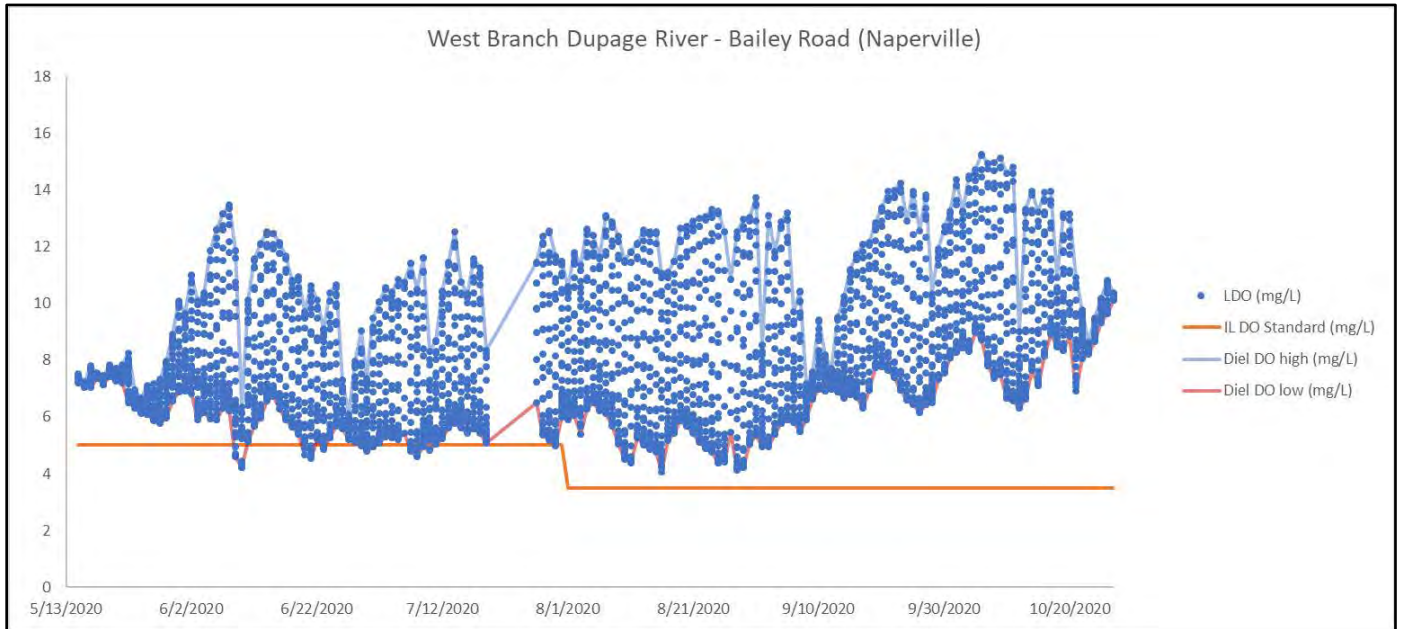


Figure 13. Dissolved Oxygen plots for East Branch DuPage River Crescent Boulevard (EBCB) (top panel) and East Branch DuPage River sites at Hidden Lake (EBHL) (lower panel).

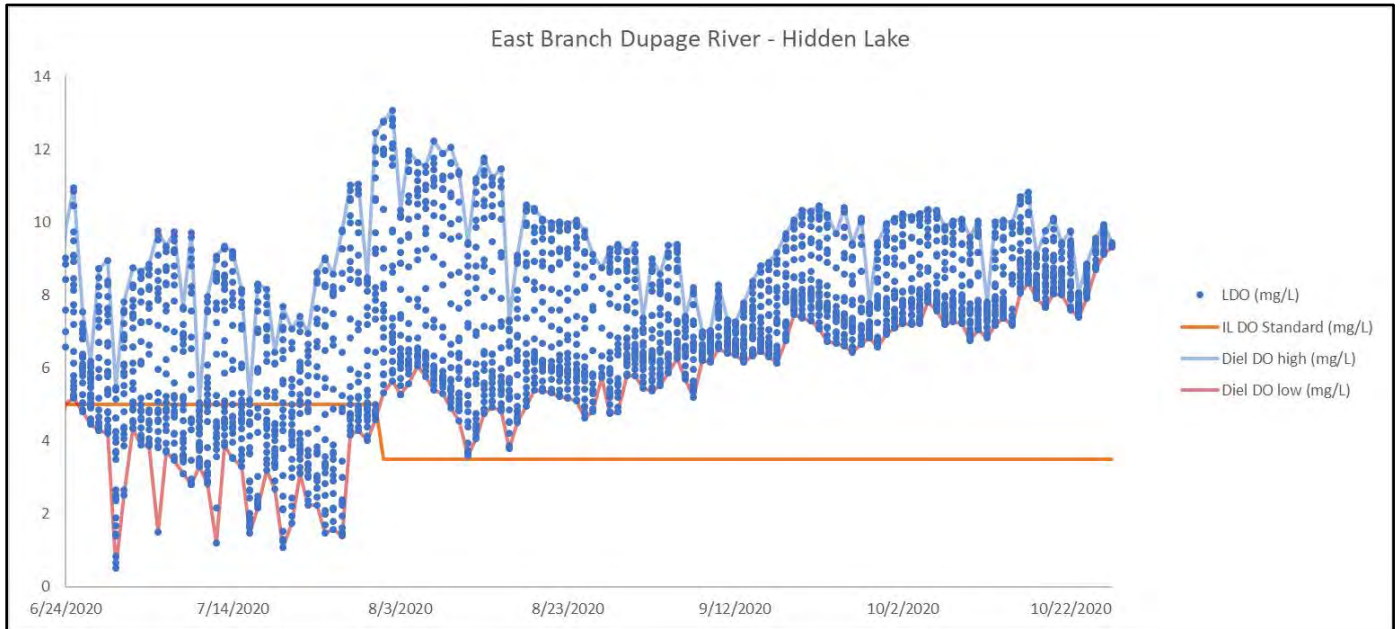
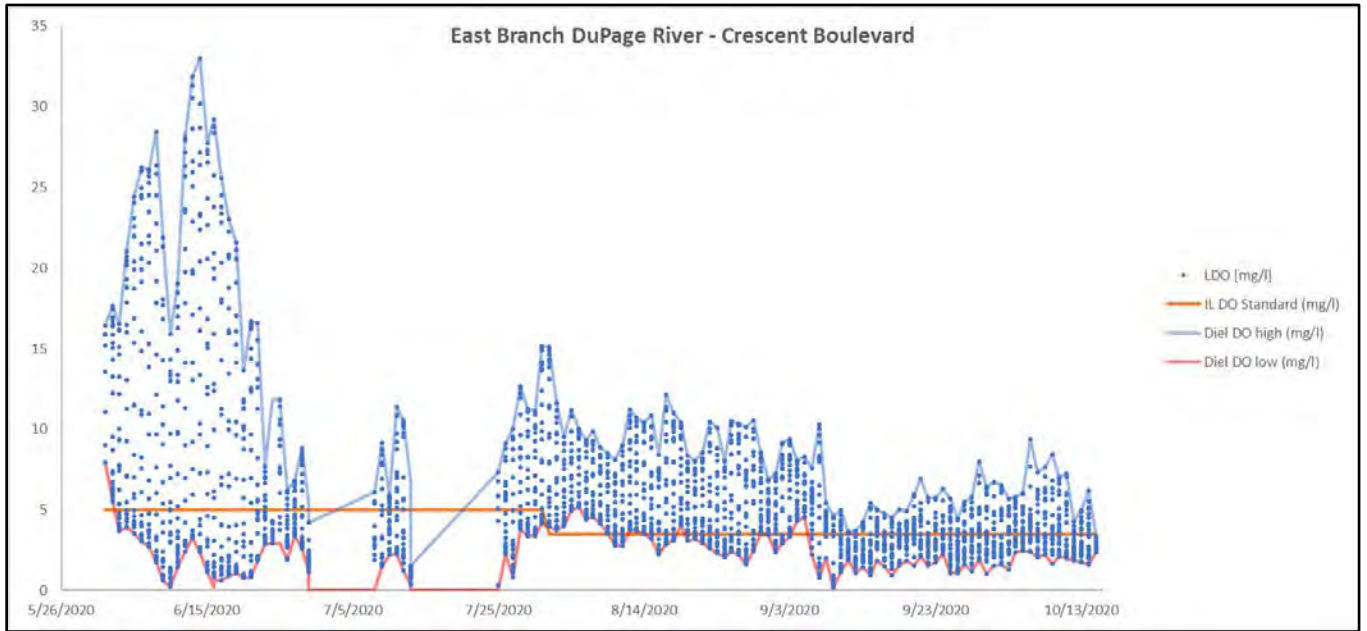


Figure 14. Dissolved Oxygen plot for East Branch site at Hobson Road (EBHR) (top panel) and Whalon Lake (EBWL) (bottom panel).

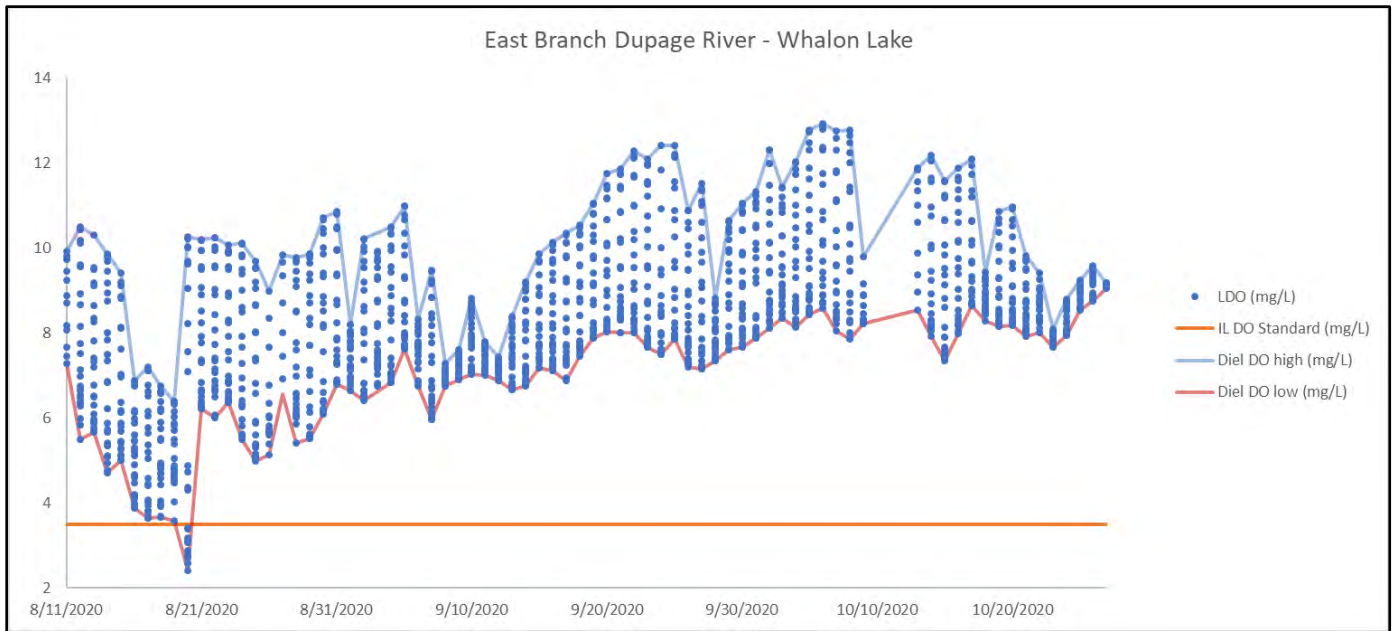
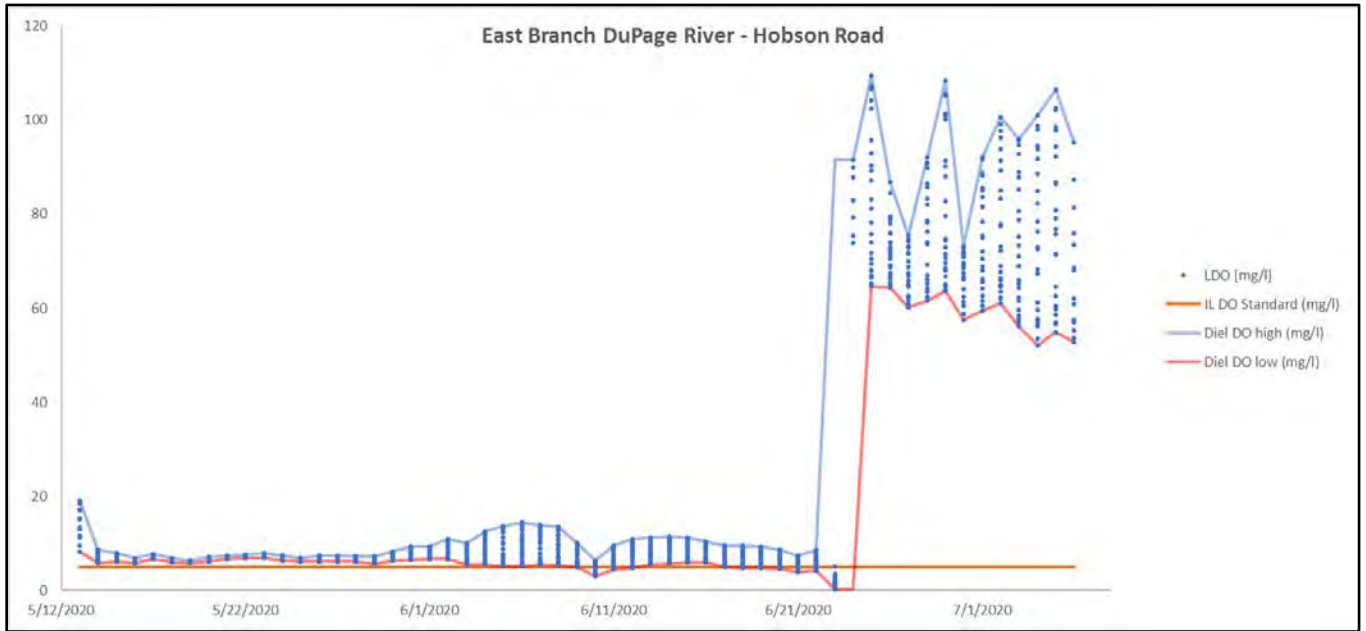


Figure 15. Dissolved Oxygen plots for Salt Creek site at Busse Woods (SCBW) (top panel) and Salt Creek sites at Oak Meadows (SCOM) (bottom panel).

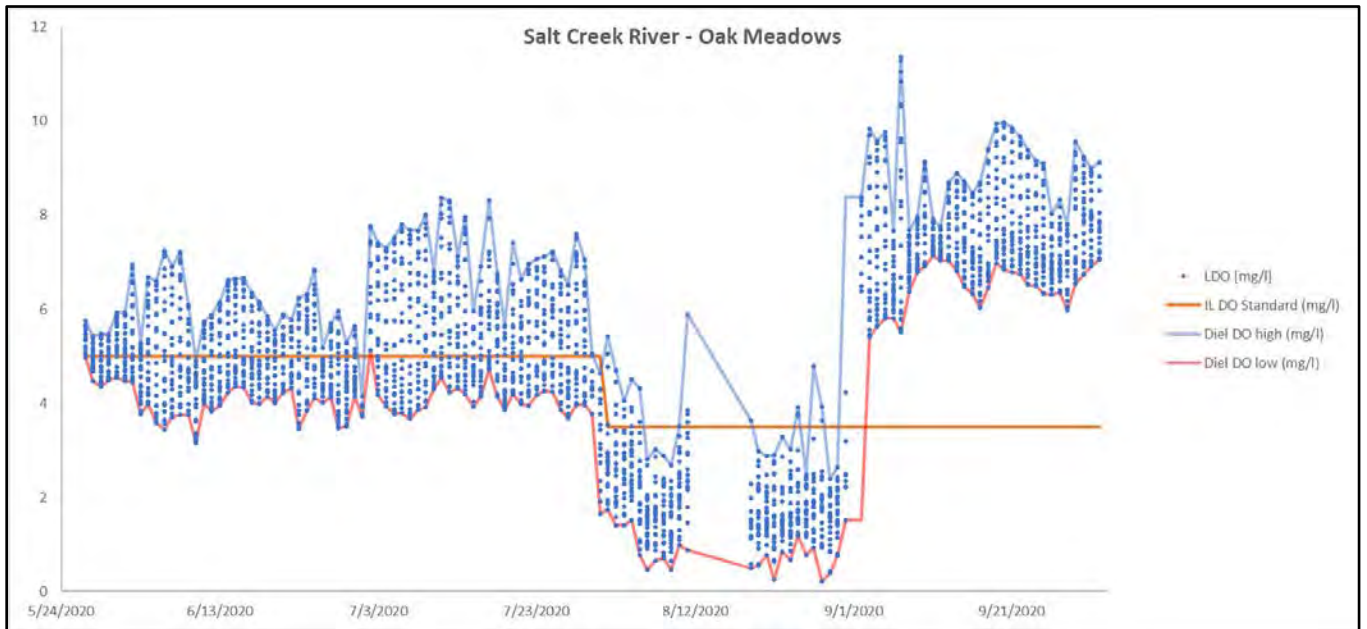
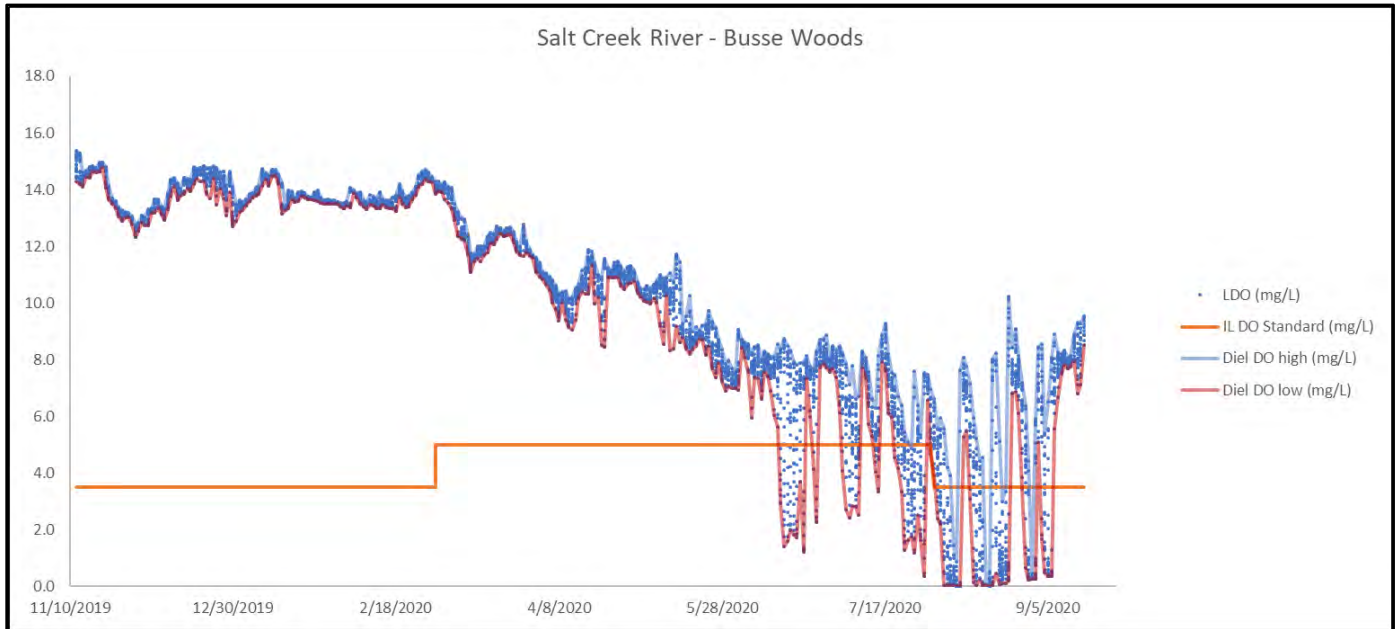


Figure 16. Dissolved Oxygen plots for and Butterflied Road (SCBR) (top panel) and Salt Creek sites at Fullersburg Woods (SBFW) (bottom panel).

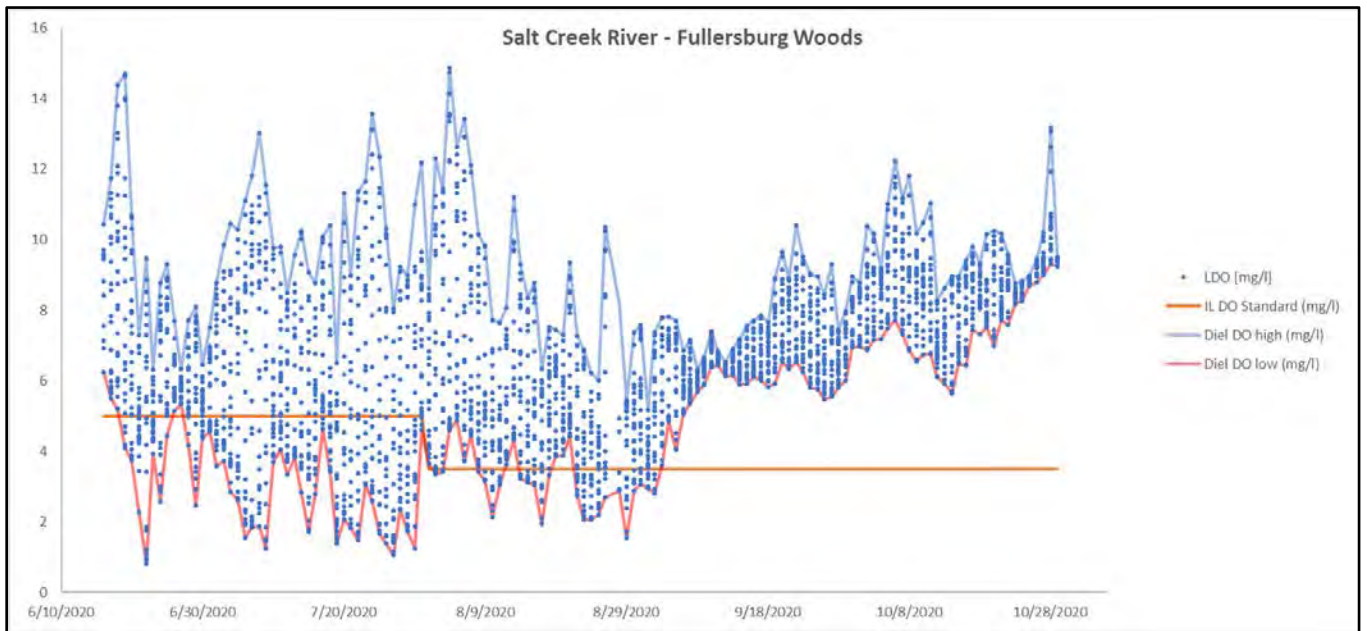
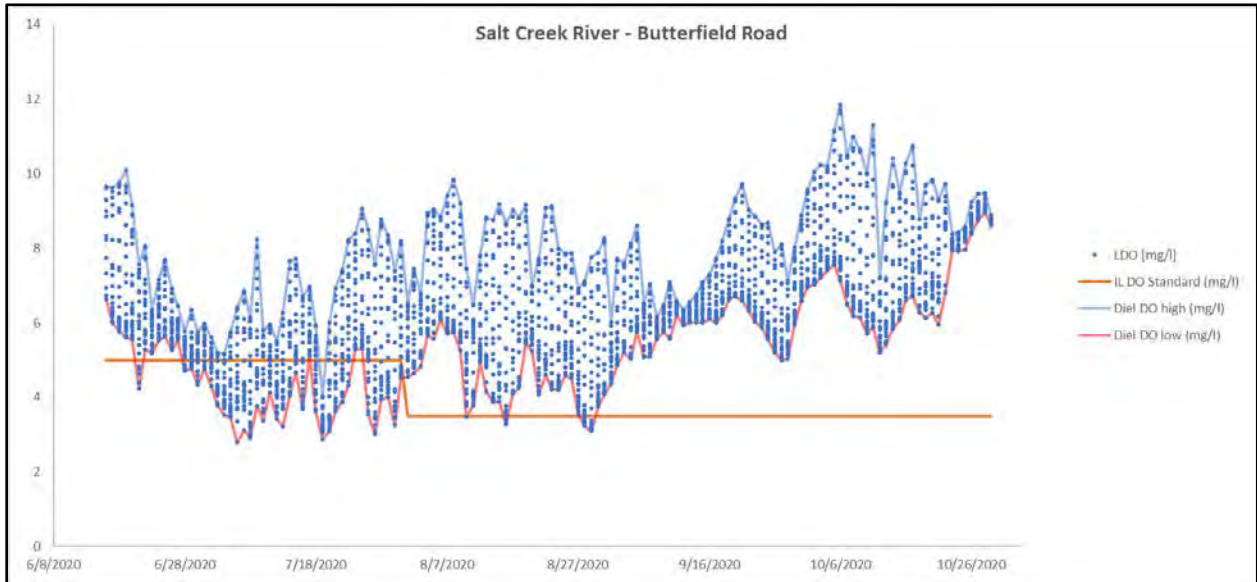
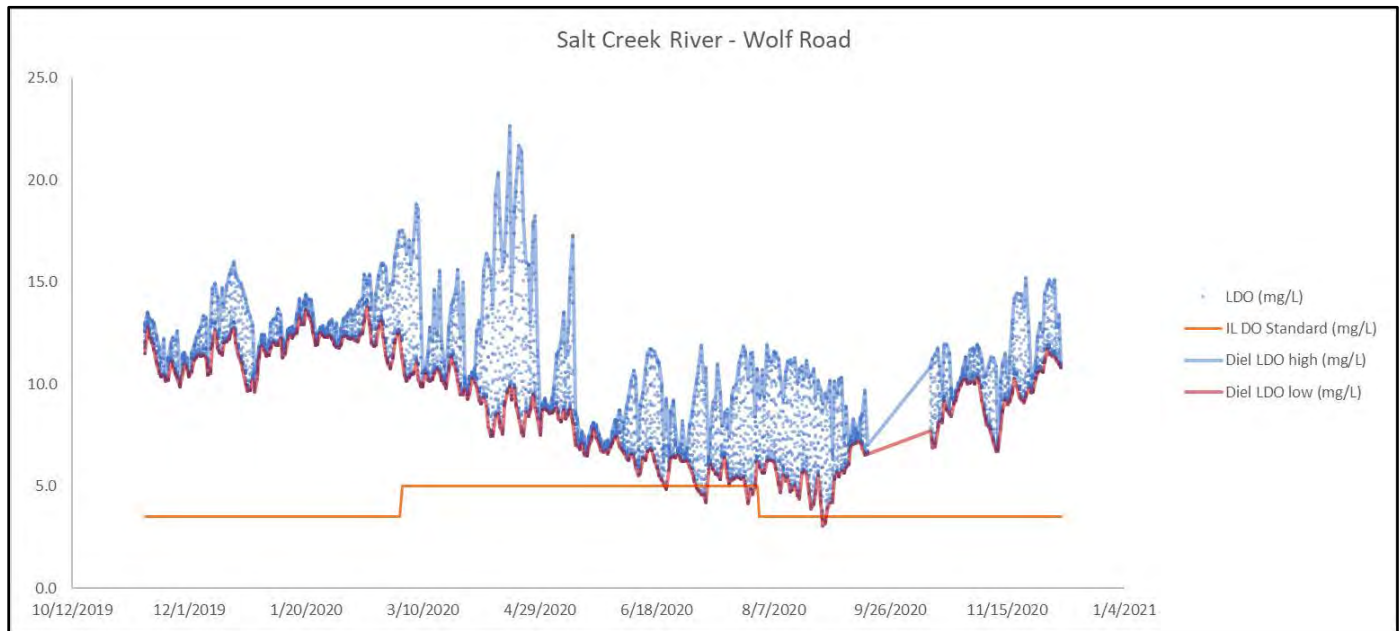


Figure 17. Dissolved Oxygen plots for Wolf Road (SCWR).



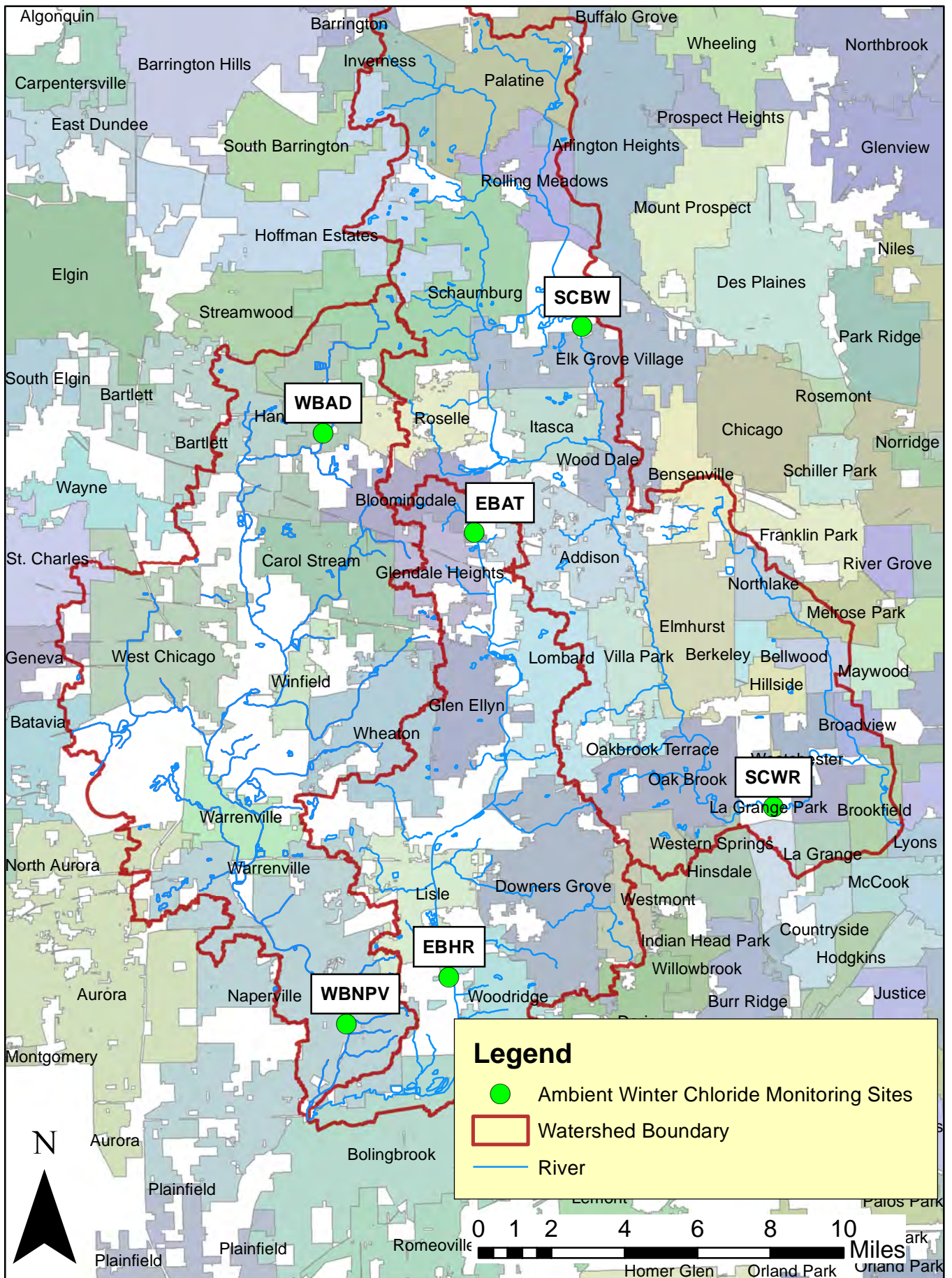
B. Recordkeeping

All monitoring data including by not limited to laboratory results, chain of custodies (COCs), and quality assurance protection plans (QAPP) will be maintained by the DRSCW for a minimum of 5 years after the expiration of the ILR40 (effective on 03/01/2016). The records are maintained at the DRSCW office located at The Conservation Foundation, 10S404 Knock Knolls Road, Naperville, Illinois 60656 and are accessible to the IEPA for review.

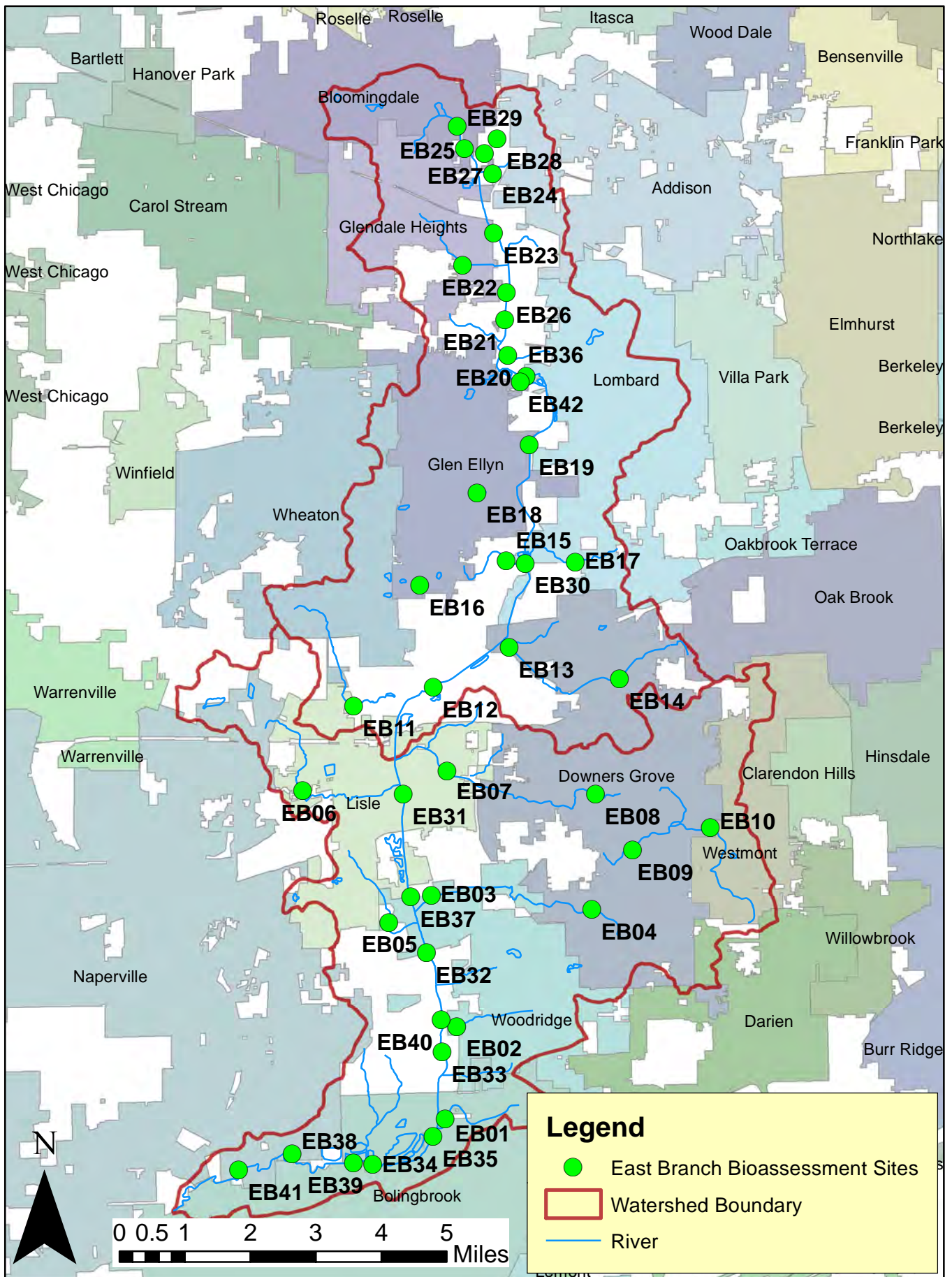
C. Reporting

The DRSCW is not responsible for preparing and submitting an Annual Report to the IEPA by the first day of June for each year that the permit is in effect. It is the responsibility of the individual ILR40 permit holders to utilize the information provided in this report to fulfill the reporting requirements outlined in the permit.

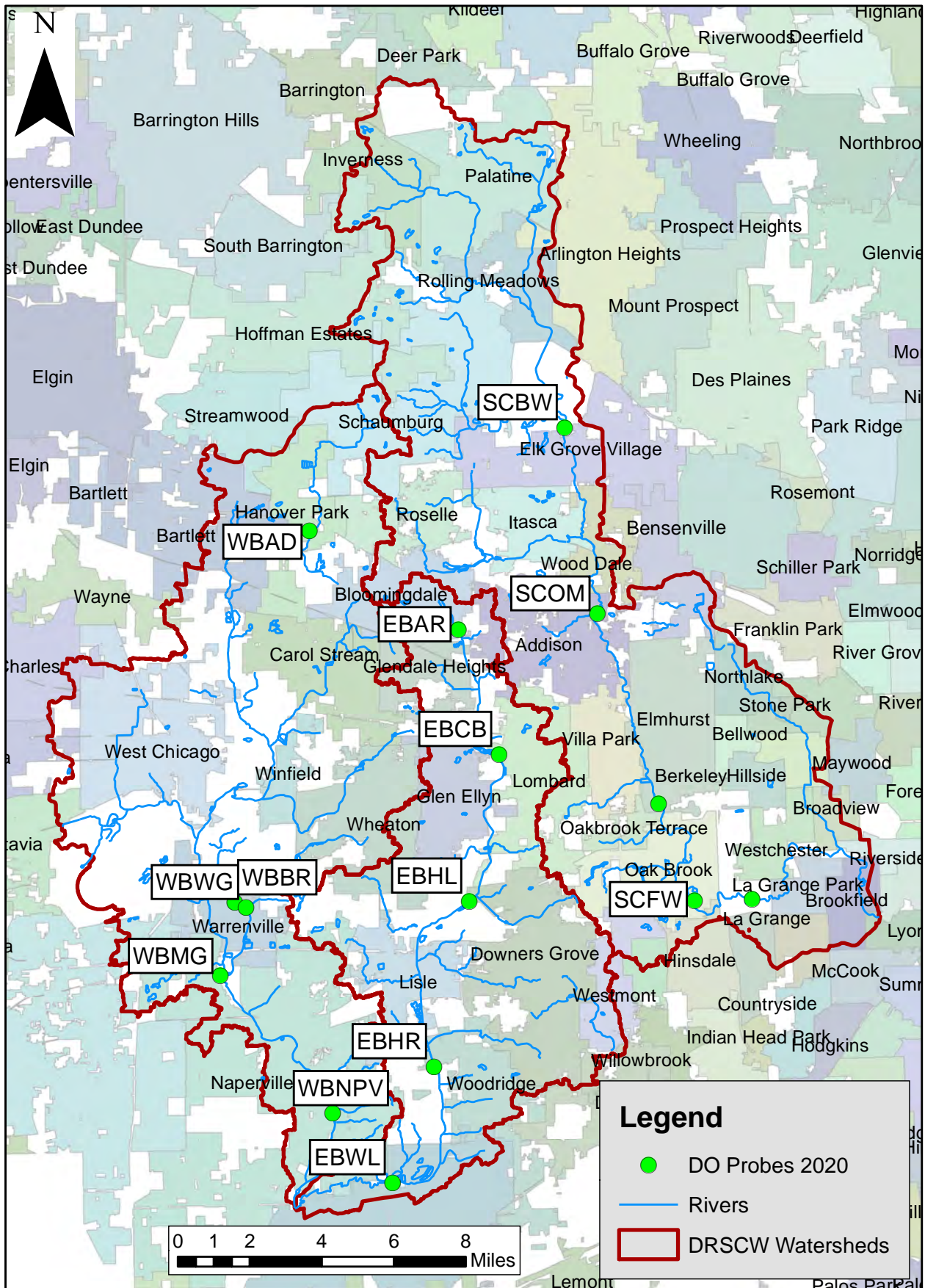
Maps



Map 1. 2019-2020 Ambient Winter Chloride Monitoring Sites.



Map 2. 2019 East Branch DuPage River Bioassessment Sites.



Map 4. 2020 Continuous Dissolved Oxygen Monitoring Sites.

Attachment A

2020 Winter De-Icing Workshop Attendees
By Agency

2020 Deicing Workshop Webinars

	County	Agency
October 14 Public Roads	Will	City of Crest Hill
October 14 Public Roads	DuPage	City of Elmhurst
October 14 Public Roads	Kane	City of Geneva
October 14 Public Roads	Cook	City of Hickory Hills
October 14 Public Roads	McHenry	City of McHenry
October 14 Public Roads	DuPage	City of Warrenville
October 14 Public Roads	DuPage	City of Wheaton
October 14 Public Roads	Lake	Cuba Road Road District
October 14 Public Roads	Lake	Fremont Township
October 14 Public Roads	NA	GSG Consultants
October 14 Public Roads	NA	Illinois State Toll Highway Authority
October 14 Public Roads	Lake	Lake County
October 14 Public Roads	Lake	Libertyville Township
October 14 Public Roads	McHenry	McHenry Township
October 14 Public Roads	Cook	Metropolitan Water Reclamation District
October 14 Public Roads	Lake	Vernon Township
October 14 Public Roads	DuPage	Village of Bartlett
October 14 Public Roads	Lake	Village of Beach Park
October 14 Public Roads	DuPage	Village of Burr Ridge
October 14 Public Roads	DuPage	Village of Carol Stream
October 14 Public Roads	DuPage	Village of Clarendon Hills
October 14 Public Roads	DuPage	Village of Darien
October 14 Public Roads	DuPage	Village of Downers Grove
October 14 Public Roads	Will	Village of Elwood
October 14 Public Roads	Kane	Village of Gilberts
October 14 Public Roads	DuPage	Village of Glen Ellyn
October 14 Public Roads	DuPage	Village of Glendale Heights
October 14 Public Roads	Cook	Village of Hoffman Estates
October 14 Public Roads	Will	Village of Homer Glen
October 14 Public Roads	McHenry	Village of Huntley
October 14 Public Roads	DuPage	Village of Itasca
October 14 Public Roads	Lake	Village of Lindenhurst
October 14 Public Roads	DuPage	Village of Lombard
October 14 Public Roads	Will	Village of Minooka
October 14 Public Roads	Will	Village of Mokena
October 14 Public Roads	DuPage	Village of Oak Brook
October 14 Public Roads	Kendall	Village of Oswego
October 14 Public Roads	Will	Village of Romeoville
October 14 Public Roads	DuPage	Village of Roselle
October 14 Public Roads	Lake	Village of Round Lake Beach
October 14 Public Roads	Will	Village of Shorewood
October 14 Public Roads	Cook	Village of Streamwood
October 14 Public Roads	DuPage	Village of Villa Park
October 14 Public Roads	Cook	Village of Wheeling
October 14 Public Roads	DuPage	Village of Woodridge

October 14 Public Roads	DuPage	Wayne Township
October 14 Public Roads	Will	Wheatland Road District
October 14 Public Roads	Will	Will County
October 14 Public Roads	DuPage	Winfield Township
October 14 Public Roads	NA	WSP
October 1st Public Roads	DuPage	Addison Township
October 1st Public Roads	Cook	City of Evanston
October 1st Public Roads	DuPage	City of Naperville
October 1st Public Roads	DuPage	City of Warrenville
October 1st Public Roads	Will	Exxon Mobil
October 1st Public Roads	NA	GSG Consultants
October 1st Public Roads	NA	IL State Toll Highway Authority
October 1st Public Roads	DuPage	Lisle Township
October 1st Public Roads	NA	Morton Arboretum
October 1st Public Roads	Kendall	Village of Bristol
October 1st Public Roads	McHenry	Village of Cary
October 1st Public Roads	Will	Village of Channahon
October 1st Public Roads	DuPage	Village of Darien
October 1st Public Roads	Kane	Village of Gilberts
October 1st Public Roads	DuPage	Village of Glendale Heights
October 1st Public Roads	Lake	Village of Gurnee
October 1st Public Roads	Will	Village of Manhattan
October 1st Public Roads	Cook	Village of Niles
October 1st Public Roads	Lake	Village of Round Lake Beach
October 1st Public Roads	Will	Village of Shorewood
October 1st Public Roads	Kane	Village of Sugar Grove
October 1st Public Roads	Cook	Village of Western Springs
October 8th Parking Lots & Sidewalks	DuPage	Addison Park District
October 8th Parking Lots & Sidewalks	DuPage	Bloomington Park District
October 8th Parking Lots & Sidewalks	DuPage	City of Elmhurst
October 8th Parking Lots & Sidewalks	DuPage	City of Wheaton
October 8th Parking Lots & Sidewalks	McHenry	Crystal Lake Park District
October 8th Parking Lots & Sidewalks	DuPage	DuPage County Forest Preserve District
October 8th Parking Lots & Sidewalks	NA	Exxon Mobil
October 8th Parking Lots & Sidewalks	Kane	Fox Valley Park District
October 8th Parking Lots & Sidewalks	Lake	Fremont Township
October 8th Parking Lots & Sidewalks	Kane	Geneva Park District
October 8th Parking Lots & Sidewalks	Lake	Lake County Tech Campus
October 8th Parking Lots & Sidewalks	Cook	Metropolitan Water Reclamation District
October 8th Parking Lots & Sidewalks	NA	Morton Arboretum
October 8th Parking Lots & Sidewalks	DuPage	Naperville Park District
October 8th Parking Lots & Sidewalks	Lake	North Shore Water Reclamation District
October 8th Parking Lots & Sidewalks	Lake	Round Lake School District 116
October 8th Parking Lots & Sidewalks	Cook	Streamwood Park District
October 8th Parking Lots & Sidewalks	Will	Valleyview School District
October 8th Parking Lots & Sidewalks	DuPage	Village of Bloomingdale
October 8th Parking Lots & Sidewalks	DuPage	Village of Clarendon Hills

October 8th Parking Lots & Sidewalks	DuPage	Village of Glen Ellyn
October 8th Parking Lots & Sidewalks	DuPage	Village of Hanover Park
October 8th Parking Lots & Sidewalks	Cook	Village of Hoffman Estates
October 8th Parking Lots & Sidewalks	Will	Village of Homer Glen
October 8th Parking Lots & Sidewalks	DuPage	Village of Oak Brook
October 8th Parking Lots & Sidewalks	Kane	Village of Sugar Grove
October 8th Parking Lots & Sidewalks	Cook	Village of Western Springs
October 8th Parking Lots & Sidewalks	Cook	Village of Wheeling
October 8th Parking Lots & Sidewalks	Lake	Wildwood Park District
October 8th Parking Lots & Sidewalks	DuPage	Woodridge Park District