



**DUPAGE
COUNTY**

Watershed
Management

Water
Quality

Floodplain
Mapping

Regulatory
Services

Flood Operations
& Maintenance

Shared
Services

STORMWATER MANAGEMENT

May 31, 2023

Illinois Environmental Protection Agency
Water Pollution Control
Compliance Assurance Section #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Re: AFIR for NPDES Phase II MS4 General Stormwater Permit
IL40 0502 DuPage County Stormwater Management & Co-Permittees
March 1, 2022 – February 28, 2023

Enclosed is the County of DuPage’s Annual Facility Inspect Report (AFIR) for the National Pollutant Discharge Elimination System Phase II MS4 General Stormwater Permit ILR40 for 2021-2022. This report includes activities that were undertaken and achieved for all of DuPage County. Thirty-two municipalities and nine township highway districts have chosen to participate as co-permittees in our permit program to meet the six control measures of Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/Good Housekeeping for Municipal Operations.

The following list of county, municipalities, and township highway districts (with previously issued permit numbers) are included as participating in the enclosed report of permit achievements for the 2022-2023 permit term:

<i>MUNICIPALITY</i>	<i>ILR40 Permit #</i>
<i>DuPage County</i>	<i>0502</i>
<i>Village of Addison</i>	<i>0227</i>
<i>Addison Township</i>	<i>0001</i>
<i>Village of Bartlett</i>	<i>0286</i>
<i>Village of Bensenville</i>	<i>0292</i>
<i>Village of Bloomingdale</i>	<i>0295</i>
<i>Bloomingdale Township</i>	<i>0013</i>
<i>Village of Burr Ridge</i>	<i>0304</i>
<i>Village of Carol Stream</i>	<i>0308</i>
<i>Village of Clarendon Hills</i>	<i>0175</i>
<i>Village of Downers Grove</i>	<i>0183</i>



<i>Downers Grove Township</i>	0040
<i>City of Elmhurst</i>	0187
<i>Village of Glen Ellyn</i>	0199
<i>Village of Glendale Heights</i>	0342
<i>Village of Hanover Park</i>	0347
<i>Village of Hinsdale</i>	0355
<i>Village of Itasca</i>	0360
<i>Village of Lemont</i>	0497
<i>Village of Lisle</i>	0376
<i>Lisle Township</i>	0079
<i>Village of Lombard</i>	0378
<i>Milton Township</i>	0086
<i>City of Naperville</i>	0396
<i>Naperville Township</i>	0092
<i>Village of Oak Brook</i>	0407
<i>City of Oakbrook Terrace</i>	0232
<i>Village of Roselle</i>	0437
<i>Village of Villa Park</i>	0463
<i>City of Warrenville</i>	0274
<i>Village of Wayne</i>	0500
<i>Wayne Township</i>	0149
<i>City of West Chicago</i>	0466
<i>Village of Westmont</i>	0254
<i>City of Wheaton</i>	0470
<i>Village of Willowbrook</i>	0255
<i>Village of Winfield</i>	0474
<i>Winfield Township</i>	0155
<i>City of Wood Dale</i>	0478
<i>Village of Woodridge</i>	0480
<i>York Township</i>	0159

If you have any questions about the information contained within the attached annual report submittal, please contact Mary Beth Falsey, Water Quality Supervisor at (630) 407-6680.

Regards,



Sarah Hunn, P.E., CFM
 Director
 DuPage County Stormwater Management



Illinois Environmental Protection Agency

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

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

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

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

Report Period: From March, 2022 To March, 2023

Permit No. ILR40 0502

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

Name: DuPage County Stormwater Management Mailing Address 1: 421 N. County Farm Rd.
Mailing Address 2: _____ County: DuPage
City: Wheaton State: IL Zip: 60187 Telephone: 630.407.6700
Contact Person: Mary Beth Falsey Email Address: falsey@dupageco.org
(Person responsible for Annual Report)

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

County of DuPage
41 municipalities and townships listed on cover letter

THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

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

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

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

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

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

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

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


Owner Signature:

Sarah Hunn, P.E.

Printed Name:

05.30.2023
Date:

Director of Stormwater Management

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

SECTION A

DuPage County Stormwater Management (DCSM) and co-permittee communities submitted revised Notice of Intent forms to IEPA in early 2021. Covid-19 pandemic related adaptations continued to be made when implementing the minimum control measures and best management practices. They are described in the following sections of this report.

SECTION B

A. Public Education and Outreach

A1. Distribution of Paper Material

DCSM has created several handouts and brochures pertaining to sources of pollutants in waterways and water quality BMPs. These, as well as handouts from other entities, are distributed at public events, are available in office, posted online, and sent out in newsletters and through social media. Informational topics include rain barrels, rain gardens, native plants, other green infrastructure techniques, citizen monitoring of waterways and seasonal BMPs for the spring, summer, fall and winter. These materials are updated as needed to incorporate new and updated information, including the effects of climate change on stormwater impacts. Each co-permittee is responsible for making educational materials available in their office and on their websites.

Goal:

Number of educational materials updated or created per year for distribution.

Milestone:

Update or create 2 digital or print materials for distribution by co-permittees.

Status:

During the reporting year, DCSM staff created or updated the following educational materials:

- Social Media infographics which can be found on our Facebook, YouTube, and Instagram pages and shared by co-permittees. They can be found at: <https://twitter.com/DuPageSWM> , <https://www.facebook.com/DuPageSWM> , and <https://www.instagram.com/dupageswm/>
- DuPage County's 2022 Annual Report (Annual Report on the Stormwater Management Department including flood control, shared services, permitting, and water quality): <https://www.dupagecounty.gov/swm/>
- All webinars hosted during the reporting year recorded and posted to: <https://www.youtube.com/@DuPageSWM>

DCSM and co-permittees share these and other educational materials through distribution at events, in offices, on websites, through social media, and newsletters. In addition to the above material, brochures, publications, and educational materials can be found at:

https://www.dupagecounty.gov/government/departments/stormwater_management/water_quality/outreach_materials.php

Due to the Covid-19 pandemic and associated social distancing guidelines, distribution of materials at events and in office were somewhat limited during the 2022-2023 reporting year. However, the digital brochures were available on websites in pdf form and shared through email, newsletter, and social media links.

A2. Speaking Engagement

DCSM coordinates, hosts, and presents at workshops on topics including water quality efforts for the watersheds, methods for pollutant reduction, during and after construction BMPs, native vegetation, and green infrastructure. Presentations include information on the potential impacts and effects of stormwater discharge due to climate change as applicable. Each co-permittee is responsible for promoting and advertising workshops within their jurisdictions.

Goal:

Number of presentations made by DCSM staff per year.

Milestone:

Conduct 7 presentations per year.

Status:

Virtual format for many events continues in the 2022-2023 reporting year. However, in person events increased from the previous year. A combination of in-person, virtual, and hybrid events are expected to continue.

DCSM staff presented and hosted virtual educational workshops and conferences to educate the general public as well as professionals about water quality trends and issues. Rather than holding workshops in every major watershed, virtual workshops and conferences were made available to all residents and professional staff. Virtual events have proven to be more convenient for attendees resulting in an increase in attendance. Both formats are expected to continue into the future. The following presentations were made by DCSM and co-permittee's staff during the reporting year:

Agency	Outreach	Date	Location	# of Attendees	General Category	Involvement
DuPage County	IAFSM Annual Conference	3/8-3/9/2022	Statewide	40	Conference	Presenter
DuPage County	Illinois Wastewater Professionals Conference	4/25-4/27/2022	Springfield	100	Conference	Presenter
DuPage County	APWA Chicago Expo and Rodeo	5/18-5/19/2022	Villa Park	200	Conference	Presenter
DuPage County	Calumet Stormwater Collaborative	8/5/2022	Virtual	50	Meeting	Speaker
DuPage County	Elmhurst Masonic Lodge Meeting	9/6/2022	Elmhurst		Meeting	Speaker
DuPage County	NIU Local Government Administration Course	11/2/2022	NIU		Academic Lecture	Presenter

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DuPage County	EWRI Chicagoland Permitting Workshop	11/16/2022	Schaumburg		Workshop	Presenter
DuPage County	Prairie State Canoe Association Meeting	1/19/2023	Arlington Heights	30	Meeting	Presenter
Addison Township	Wood Dale Police and Movie Night		404 N. Wood Dale Rd, Wood Dale		Public Awareness Event	Presenter
Village of Addison	SCARCE Earth & Water Flag Presentation	9/19/2022	1 Friendship Plaza, Addison, IL 60101	50	Meeting	Host / Presenter
Burr Ridge	Burr Ridge Stormwater Management Committee	9/13/2022	Village Hall	8	Meeting	Host
Burr Ridge	Burr Ridge Village Board Workshop	10/5/2022	Village Hall	8	Meeting	Presenter
Burr Ridge	Burr Ridge Village Board Workshop	11/1/2022	Village Hall	8	Meeting	Presenter
Burr Ridge	Burr Ridge Stormwater Management Committee	11/22/2022	Village Hall	8	Meeting	Host
Carol Stream	Snow & Ice Control Plan	11/7/2022	Village Hall	Board Members (Zoom for Residents)	Village Board of Trustees Bi-Weekly Meeting	Presenter
Downers Grove	APWA EXPO - Bioswale Program	5/18/2022	Villa Park	30	Conference	Presenter
Downers Grove	Bioswale Program and Knotweed Presentation	2/1/2023	South Barrington	50	Workshop	Presenter
Elmhurst	Sustainability Day	10/26/2022	Elmhurst History Museum Education Center		Event	Host
Elmhurst	Public Works Citizen's Academy	5 Thursday evenings in Spring 2022	Public Works Facility	25	Workshop	Host
Glendale Heights	Klein Creek Stream Restoration Project Public Outreach Meeting	2/16/2022	Glendale Heights Village Hall	8	Meeting	Host/Presenter
Glen Ellyn	Village of Glen Ellyn Environmental Commission	Monthly	535 Duane (Civic Center)	~7-10	Meeting	Host
Lemont	"Green Infrastructure Maintenance: It can be Successful!"	1/13/2022				
Lisle	Village Stormwater Committee Meeting	11/15/2022	Village Hall	12	Meeting	
Lombard	DuPage River Salt Creek Workgroup Meetings	6 occurrences	Zoom	40 each	Meeting	
Lombard	Lombard Public Works Citizens Academy	4/25/2022	Lombard	20	Meeting	
Naperville	Motive-8 Career Event - Stormwater Model Demonstration by City Staff	10/21/2022	Naperville Yard (1601 Legacy Cir, Naperville, IL 60563)	1,200		Presenter
Wayne Township	Wayne Center Homeowners Association meeting	4/25/2023	Wayne Township office	approx. 100	HOA annual meeting	Presenter

Winfield Township	West Win HOA	4/25/2023	Winfield TWP RD Dist.	60	Meeting	Host / Presenter
Winfield Township	Northwoods HOA	11/11/2022	First United Comm Church	72	Meeting	Presenter

A3. Public Service Announcement

DCSM utilizes technology to enhance outreach efforts detailing water quality trends and highlighting practices that can reduce the transport of pollutants into waterways. DCSM promotes informational outlets using a Stormwater Management monthly e-newsletter, direct media relations, press releases, advisories, and social media to promote seasonal BMPs, events, and other stormwater-related news.

Goal:

Number of messages broadcast within the co-permittee area per year (Co-permittee area includes the limits of all participating MS4s).

Milestone:

Broadcast 12 messages within the co-permittee area detailing water quality trends highlighting practices that can reduce the transport of pollutants into waterways.

Status:

During the reporting year, DCSM staff disbursed information throughout the countywide co-permittee area on water quality trends, largely through virtual formats such as social media and email.

- Monthly Newsletter with over 15,000 subscribers
https://public.govdelivery.com/accounts/ILDUPAGE/subscriber/new?topic_id=ILDUPAGE_20
- Facebook, Twitter & Instagram with over 1,400 followers and over 50,000 views
<https://twitter.com/DuPageSWM>
<https://www.facebook.com/DuPageSWM>
<https://www.instagram.com/dupageswm/>
- YouTube with more than 80 outreach/training videos and over 90,000 combined views
<https://www.youtube.com/@DuPageSWM/videos>

In addition to sharing and promoting the DCSM information listed above, co-permittees also distributed information through the following public service announcements & social media posts:

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Agency	Public Service Announcements & Social Media Posts	# of Posts	# of Followers
Addison Township	https://www.inaturalist.org	26	
Addison Township	DuPage County Environmental Concerns SCARCE Awards	1	
Addison Township	DuPage County Environmental Concerns Manhole ID	1	
Addison Township	Storm Sewer Identification medallions		
Addison Township	SCARCE Christmas Tree recycling	1	
Addison Township	Beecheck.org	1	
Addison Township	SCARCE Cooking Oil recycling	1	
Village of Addison	https://www.facebook.com/VillageofAddison/	30	3,900
Village of Addison	https://twitter.com/AddisonVillage	30	970
Village of Addison	https://www.youtube.com/@villageaddison7743	2	1,540
Village of Addison	https://www.instagram.com/villageaddison/?utm_source=ig_embed&ig_rid=862c49d6-d150-4b3e-b8dc-cd9f1cdfc776	30	110
Bensenville	Facebook - Brush Pick up	8	9,300
Bensenville	Facebook - Bag It, Don't Blow It! Campaign (Leaves cleanup)	3	9,300
Bensenville	Facebook - Christmas Tree Recycling	1	9,300
Bensenville	Facebook - Christmas Light Recycling	1	9,300
Bensenville	Facebook - Cooking Oil and Grease Clog Pipes	2	9,300
Bensenville	Facebook - Pumpkin Smash	5	9,300
Bensenville	Facebook - Creek Cleanup by PW highlighting services	1	9,300
Bensenville	Facebook - DuPage County Sign Recycling Program	1	9,300
Bensenville	Facebook - Arbor Day	1	9,300
Bensenville	Facebook - Village Recycling Event & Paper Shredding	2	9,300
Bensenville	Facebook - When it Rains, It Drains (Stormwater management)	1	9,300
Bensenville	Facebook - Celebrating 50 Years of the Clean Water Act: How can you Do Your Part?	1	9,300
Bloomingtondale Township	www.bloomingtondaletownship.com	11	
Burr Ridge	Nixle notification system	1	2,495
Carol Stream	Twitter	37	1167
Carol Stream	Facebook	37	6800
Darien	Reduce Salt Usage - February		1347
Downers Grove	Facebook	27	12,000
Downers Grove	twitter	22	6,952

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Downers Grove	YouTube	5	1,379
Downers Grove	e-News	36	2,879
Elmhurst	Facebook	5/week	9900
Elmhurst	Twitter	1/week	1415
Elmhurst	Instagram	1/month	2000
Glen Ellyn	Facebook (Meta)	39	7.6K
Hanover Park	Facebook	5	6700
Hinsdale	@HinsdaleParks (Facebook/Instagram)	30	6200
Lisle Township	All Water Quality events listed below are also posted year-round on our Lisle Township website and occasionally on Facebook		
Lisle	Facebook	7	5,100
Lisle	Twitter	7	2,780
Lisle	Nextdoor	7	7,093
Lombard	Lombard TV-6 PSA on Wise Salting	1 month	1,000 views (est)
Lombard	Controlled Burns of Detention Basins & Parking Lots	1	20 likes
Lombard	Social Media to remove leaves from storm inlets	1	18 likes
Naperville	https://www.naperville.il.us/residents/adopt-a-drain-program/	1	
Naperville	https://www.facebook.com/NapervilleIL/	20	21,000
Naperville	(Adopt a drain, Earth Day, Native Plants, Snow salt usage, Household hazardous waste disposal, etc.)		
Roselle	Facebook (Village of Roselle - Choose Roselle)	22	5100
Roselle	Instagram (Village of Roselle)	9	579
Villa Park	Facebook	27	6,146
Villa Park	Tweeter	27	2,046
Villa Park	Instagram	27	1,500
Warrenville	https://www.facebook.com/CityOfWarrenville/	Multiple	3500
Wayne Township	WTRD Facebook page	52/year	421
West Chicago	Facebook - Keep storm drains free of leaves	1	424
Westmont	Facebook	20+	4,100
Wheaton	Twitter	67	5,563
Wheaton	Facebook	72	11,175
Wheaton	Instagram	36	1,988
Willowbrook	Facebook	2	
Willowbrook	Nextdoor	2	
Winfield	Facebook - Paint Drop off	1	
Winfield	Facebook - Christmas light collection	1	
Winfield	Facebook - Arbor Day Event	1	
Wood Dale	https://www.facebook.com/photo.php?fbid=370777101752389&set=pb.100064603062677.-2207520000.&type=3		

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Wood Dale	https://www.facebook.com/photo.php?fbid=482343180595780&set=pb.100064603062677.-2207520000.&type=3		
Woodridge	Facebook March- Yard Waste Collection, ComEd Tree Planting	2	5000
Woodridge	Facebook April - Adopt a Highway, Appropriate Recycling, Earth Day (x2), Recycling Extravaganza, Reduce Litter	6	5000
Woodridge	Facebook May - Tree Planting, DuPage Trails, Solid Waste/Recycling Report, Plant Sale, Refuse/Recycling/Yard Waste	5	5000
Woodridge	Facebook June - Community Tree Planting, Gypsy Moth Treatment, Sign Recycling	3	5000
Woodridge	Facebook July - litter reduction	1	5000
Woodridge	Facebook October - leaf collection	1	5000
Woodridge	Facebook November - leaf collection	1	5000
Woodridge	Facebook December - Christmas tree recycling	1	5000

Additional information distributed by MS4 co-permittees through the following newsletters:

Agency	Newsletter/ Archive Website	# of Subscribers
Addison Township	E-cycle events mailer	Entire Addison Township mailer
Addison Township	Water Quality handout	Recycling attendees and available at the Highway
Addison Township	Textile recycling event mailer	Entire Addison Township mailer
Addison Township	Book recycling event mailer	Entire Addison Township mailer
Addison Township	Pollinator Meadows brochure	Recycling attendees and available at the Highway
Addison Township	Christmas tree recycling	SCARCE publications Villages PSA marquees
Addison Township	DuPage County News Release Water Quality Feb 22	Posted at Highway Department and Township buildings
Addison Township	SCARCE Water Quality Award & Earth Quality Award	DuPage County Environmental Concerns Newsletter
Addison Township	Cooking Oil recycling	Entire Addison Township mailer
Village of Addison	Advantages Newsletter (Spring 2023, Fall 2022, Spring 2022)	36,000
	https://www.addisonadvantage.org/living_in/advantages_newsletter.php	
Bartlett	Water Quality information is listed on the Village website. Drainage and flood information listed in the quarterly Bartletter publication sent to residents.	
Bensenville	Bensenville Community Newsletter	5000
Bloomington Township	Stormwater handouts at front counter	
Bloomington	Adopt a Storm Grate Article - Oct 22 Almanac	
Bloomington	Safe Medication Disposal - 9/22/22 E-news	

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Bloomingtondale	Help Prevent Street Flooding (Polluted Runoff) - 10/28/22 E-News	
Carol Stream	e-Newsletter	1,591
Carol Stream	Website	3 Posts
Downers Grove Township	Stormwater Management Brochures	In office
Downers Grove	DG Times	25,000
Downers Grove	Preserving Natural Areas - YouTube	1,379
Downers Grove	Japanese Knotweed - YouTube	1,379
Downers Grove	Monarchs Migration and Milkweed - YouTube	1,379
Downers Grove	Rain Barrel Sale 2022	186
Downers Grove	Native Tree and Shrub Sale 2022	160
Elmhurst	The City of Elmhurst prints the periodic DuPage County brochures out for residents to pick up at front counters	N/A
Glen Ellyn	Glen Ellyn Quarterly Newsletter (Spring, Summer & Fall 2021)	6,578
Glen Ellyn	E-Newsletter	Sent 106
Glen Ellyn	Printed Newsletters	Sent 29
Hanover Park	Village Hi-Lighter (www.hpil.org/499/Hi-Lighter) (5 issues)	38,000
Hanover Park	Weekly E-news	1,000
Itasca	2022 Spring Newsletter	
Itasca	2022 Summer Newsletter	
Itasca	2022 Fall Newsletter	
Itasca	2022 Winter Newsletter	
Lisle Township	2022 Fall/Winter Newsletter	~3,400
Lisle Township	2023 Spring/Summer Newsletter	~3,400
Lisle Township	www.lisletownship.com	
Lisle Township	www.lisletownshiproaddistrict.com	
Lisle Township	Ways to Reduce Water Usage/Improve Water Quality	2023 Spring/Summer Newsletter
Lisle Township	Native Plant Sale DuPage Forest Preserve	2023 Spring/Summer Newsletter
Lisle	Spring 2022	12,817
Lisle	Summer 2022	12,817
Lisle	Fall 2022	12,817
Lisle	Winter 2023	12,817
Lisle	E-Newsletter	1,302
Lombard	Newsletter post for DuPage County Water Quality Meeting	44,476
Lombard	Implemented See-Click-Fix for citizen reporting	290
Milton Township	Township's website and our Homeowner's Handbook	Sent out annually to all the residents of the unincorporated areas of the Township
Milton Township	"After the Storm" a citizen guide to understanding stormwater brochure	At the Milton Township Highway Department office

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Oak Brook	Oak Brook Stormwater Management Website	Public
Oak Brook	Recycling Program Flyer (Flood Brothers)	2,688 Oak Brook households
Roselle	Roselle Reporter - May/June 2022	10200
	https://www.roselle.il.us/Archive.aspx?AMID=42	
Roselle	Roselle Reporter - September/October 2022	10200
Roselle	Roselle Reporter - November/December 2022	10200
Roselle	Roselle Reporter - March/April 2023	10200
Roselle	Roselle E-News - May 5, 2022	2155
	https://www.roselle.il.us/745/Roselle-E-News	
Roselle	Roselle E-News - May 12, 2022	2155
Roselle	Roselle E-News - May 19, 2022	2155
Roselle	Roselle E-News - June 14, 2022	2155
Roselle	Roselle E-News - June 16, 2022	2155
Roselle	Roselle E-News - June 23, 2022	2155
Roselle	Roselle E-News - July 7, 2022	2155
Roselle	Roselle E-News - July 14, 2022	2155
Roselle	Roselle E-News - August 11, 2022	2155
Roselle	Roselle E-News - August 18, 2022	2155
Roselle	Roselle E-News - August 25, 2022	2155
Roselle	Roselle E-News - September 1, 2022	2155
Roselle	Roselle E-News - September 8, 2022	2155
Roselle	Roselle E-News - September 15, 2022	2155
Roselle	Roselle E-News - October 27, 2022	2155
Roselle	Roselle E-News - November 3, 2022	2155
Roselle	Roselle E-News - November 10, 2022	2155
Roselle	Roselle E-News - November 17, 2022	2155
Roselle	Roselle E-News - November 23, 2022	2155
Roselle	Roselle E-News - December 1, 2022	2155
Roselle	Roselle E-News - December 8, 2022	2155
Roselle	Roselle E-News - December 15, 2022	2155
Roselle	Roselle E-News - December 29, 2022	2155
Roselle	Roselle E-News - January 5, 2023	2155
Roselle	Roselle E-News - January 12, 2023	2155
Roselle	Roselle E-News - January 19, 2023	2155
Roselle	Roselle E-News - February 16, 2023	2155
Roselle	Roselle E-News - February 23, 2023	2155
Roselle	Roselle E-News - March 16, 2023	2155
Roselle	Roselle E-News - March 23, 2023	2155
Roselle	Roselle E-News - March 30, 2023	2155
Roselle	Roselle E-News - April 6, 2023	2155
Villa Park	VP E-newsletter	1,935
Warrenville	Hometown Happenings	13,000

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Warrenville	https://www.warrenville.il.us/	Unk
Wayne Township	Brush card	1650
Wayne Township	Newsletter	1650
Wayne Township	Pamphlets in office (Conservation Foundation, DuPage County Stormwater Management)	
West Chicago	Window to West Chicago - Winter 2022	11,500
Westmont	Community Village of Westmont Newsletter	5500+
Wheaton	Wheaton Weekly (26 press releases)	3,648
Willowbrook	Willowbrook newsletter	
Winfield Township	Winfield Township Homeowners Handbook	2500
Winfield	2022 Water Quality Report for the Village of Winfield	Sent to every Village Household & posted on Village-website
Wood Dale	March/April 2022	N/A
Wood Dale	May/June 2022	N/A
Wood Dale	July/August 2022	N/A
Wood Dale	September/October 2022	N/A
Wood Dale	November/December 2022	N/A
Wood Dale	January/February 2022	N/A
Woodridge	Woodridge Focus - Fall 2022 (Yard waste disposal, illegal dumping, free leaf collection, amnesty day disposal, solar power)	13,683
Woodridge	Woodridge Focus - Winter / Spring 2022 (Light recycling, Christmas Tree recycling)	13,683
Woodridge	Water Bill Brief - sent bi-monthly (water quality report, yard waste collection, recycling, watering restrictions, amnesty disposal, hazardous waste disposal, free leaf collection, holiday light recycling, Christmas tree recycling)	8,696
Woodridge	Woodridge Enews - sent every Friday (holiday light recycling, ComEd tree give away, DuPage/SCARCE Sustainable Design challenge, Kiwanis Adopt a Highway Program, Tree City USA and tree planting, Woodridge Rotary Recycling Extravaganza, reforestation, refuse/recycling/yard waste, water conservation, community tree planting, solar friendly, water conservation tips, DuPage Stormwater Management public comment open house, DuPage Monarch Project, hazardous waste disposal, DuPage CO Quarry tour, pool draining tips from DuPage Co., electronic and hazardous waste disposal, leaf collection, pumpkin smash, Neighbors Helping Neighbors tornado debris clean up, Christmas Tree recycling,	2,832

A4. Community Event

DCSM coordinates with co-permittees to present at countywide community events, both in person or virtually, on topics including water quality efforts for the watersheds and pollutant reduction, native vegetation, and green infrastructure.

Goal:

Number of events participated in or hosted per year.

Milestone:

Host or participate in 9 countywide events per year to educate the public on water quality topics.

Status:

In a typical year, DCSM and co-permittee staff attend, present at, sponsor, and host events throughout the county to educate the public about water quality topics and issues. Due to Covid-19, many in person events were cancelled since 2020. However, this was supplemented by hosting, presenting at, and attending several virtual events. In person events picked up in the 2022-2023 reporting year. A combination of in-person and virtual events are expected to continue into the future. Events are advertised by DCSM and co-permittees through newsletters and social media. During the reporting year, the following events were hosted, attended, and/or presented at:

Events hosted / participated in:

Agency	Event	Date	Location(s)	# of Attendees / Items Collected / Metrics	Involvement
DuPage County	Walker Elementary Water Quality Flag	3/22/2022	Clarendon Hills	~ 20 attendees	Host, Sponsor
DuPage County	Sustainable Design Challenge	4/5/2022	Wheaton	~100 attendees	Host, Sponsor
DuPage County	Addison Township Highway Department Water Quality Flag	4/13/2022	Wood Dale	~ 20 attendees	Host, Sponsor
DuPage County	2022 Earth Day Fair	4/24/2022	Naperville	~ 200 attendees	Exhibitor
DuPage County	SCARCE Growin' Green Garden Market	4/30/2022	Addison	~400 attendees	Exhibitor
DuPage County	Downers Grove High School Quarry Tour	4/14/2022	Elmhurst Quarry	~20 attendees	Students, Teachers
DuPage County	2022 Wetland Plant Identification Course	6/14-6/16/2022	Countywide	~ 30 attendees	Host
DuPage County	DuPage County Fair	7/29-7/31/2022	Wheaton	~500 attendees	Exhibitor
DuPage County	Wetland Delineation Course	9/13-9/16/2022	Countywide	~30 attendees	Host

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DuPage County	Village of Addison Water Quality Flag Ceremony	9/19/2022	Addison	~20 attendees	Sponsor
DuPage County	Elmhurst Quarry Public Tour	10/1/2022	Elmhurst Quarry	~200 attendees	Host
DuPage County	Pilates & Tour of Armstrong Park Flood Control Facility	10/4/2022	Carol Stream	~15 attendees	Host
DuPage County	Antunes Water Quality Flag Ceremony	10/6/2022	Carol Stream	~20 attendees	Host, Sponsor
DuPage County	2022 Pumpkin Smash	11/5/2022	Countywide	232 tons	Sponsor
DuPage County	Cooking Oil Recycling Event	11/26/2022	Countywide		Sponsor
Addison Township	E-Cycle events		411 W. Potter Street, Wood Dale		Addison Township Highway Department
Addison Township	Textile Recycling event		411 W. Potter Street, Wood Dale		Addison Township Highway Department
Addison Township	Brach pick up & Mulch Delivery Program		411 W. Potter Street, Wood Dale		Addison Township Highway Department
Addison Township	Rain Barrel Sales	Entire year	411 W. Potter Street, Wood Dale		Addison Township Highway Department
Addison Township	Wood Dale Public Works Open House Police Night		404 N. Wood Dale Rd, Wood Dale		City of Wood Dale
Addison Township	Installation of Medallions on 62 Storm Sewers		Addison Township		Addison Township Highway Department
Addison Township	Storm Sewer Identification medallions		Addison Township		Addison Township Highway Department
Addison Township	Street Sweeping	3 times per year	Addison Township		Addison Township Highway Department
Addison Township	Cooking Oil recycling		411 W. Potter Street, Wood Dale		Addison Township Highway Department
Addison Township	SCARCE Water Quality Award & Earth Quality Award		401 N. Addison Road, Addison		Addison Township Highway Department
Village of Addison	Addison Recycling Event	4/2/2022	213 N Lombard Rd, Addison, IL 60101	530	Sponsor and Host
Village of Addison	Addison Recycling Event	10/15/2022	213 N Lombard Rd,	415	Sponsor and Host

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			Addison, IL 60101		
Village of Addison	Rx Collection Box	Continuously	3 Friendship Plaza, Addison, IL 60101		Sponsor and Host
Village of Addison	Yard Waste Pickup - Weekly	April - November	Addison		Sponsor and Host
Village of Addison	Branch Pickup - Monthly	April - November	Addison		Sponsor and Host
Village of Addison	Christmas Tree Recycling	January	Addison		Sponsor and Host
Bartlett	Green Infrastructure & Design Tool seminar	4/14/2022	Zoom or virtual	1 or 2	DuPage County Stormwater
Bartlett	New MS4 general permit - the path forward	4/28/2022	Zoom or virtual	1 or 2	Christopher B. Burke Engineering
Bartlett	Compost/Capture/Clean/Diver t Stormwater	6/9/2022	Zoom or virtual	1 or 2	DuPage County Stormwater
Bartlett	Implementing/Scaling Climate Solutions	9/29/2022	Zoom or virtual	1	Christopher B. Burke Engineering
Bartlett	50 years of the Clean Water Act	10/26/2022	Zoom or virtual	1	DuPage County Stormwater
Bartlett	Routine/Long term Maintenance for Detention Basins	1/12/2023	Zoom or virtual	1 or 2	DuPage County Stormwater
Bartlett	Goshen, IN Flood Resilient Strategy	2/23/2023	Zoom or virtual	1 or 2	Christopher B. Burke Engineering
Bartlett	Monthly MEG Meetings - numerous topics	Monthly	Zoom or virtual	1 or 2	DuPage County Stormwater
Bensenville	Pumpkin Smash	11/5/2022	Bensenville Village Hall	30	Host
Bensenville	Cooking Oil Collection	Continuously	Bensenville Public Works		
Bensenville	Christmas Light Recycling	12/19/22 through 1/31/23	Bensenville Village Hall and PW		
Bensenville	Christmas Tree Mulching	12/26/22 through 1/31/23	Bensenville Public Works		
Bensenville	Brush Pick Up	Monthly April - November	Curbside, Village wide		
Bensenville	Village Recycling Event & Paper Shredding	6/4/2022	Bensenville Public Works		
Bensenville	Wastewater Treatment Plant Tour	4/20/2022	Bensenville STP	25	Host
Bensenville	Rx Drop Off Box	Continuously	Bensenville Police Department		Host
Bloomingsdale Township	Electronic Recycling	4/2/2022	B.T. Highway Dept	Approx 200 Cars	Host
Bloomingsdale Township	Textile Recycling	4/2/2022	B.T. Highway Dept	~ 200 Cars	Host

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Bloomingdale Township	Electronic Recycling	7/16/2022	B.T. Highway Dept	~ 200 Cars	Host
Bloomingdale Township	Textile Recycling	7/16/2022	B.T. Highway Dept	~ 200 Cars	Host
Bloomingdale Township	Electronic Recycling	10/1/2022	B.T. Highway Dept	~ 200 Cars	Host
Bloomingdale Township	Textile Recycling	10/1/2022	B.T. Highway Dept	~ 200 Cars	Host
Bloomingdale	Paint Collection & Recycling Event	5/14/2022	Bloomingdale Public Works		SBC Waste Disposal
Bloomingdale	Rx Sharps Collection Box	available 365/24/7	Bloomingdale Police Department		Village of Bloomingdale
Bloomingdale	Branch/Brush Collection	April '22, July '22, Oct '22	Village Wide		Village of Bloomingdale
Burr Ridge	eWorks Electronics and Textiles Recycling Center	5 days/week, year-round	Public Works	182,426 lbs collected	Host
Burr Ridge	Annual brush pickup	10/24/2022-10/28/2022	Village-wide	2600	Sponsor
Carol Stream	Electronics, Pumpkins & Textiles Recycling Event	11/5/2022	Water Reclamation Center	Pumpkins: 6,160 lbs. Electronics: 18,167 lbs. Textiles: 1,615 lbs.	Host
Darien	Brush Pick-up	May - October	curbside		City
Darien	Yard Waste Pick-up	May - October	curbside		City
Downers Grove Township	Christmas Tree Pickup			All residents	
Downers Grove Township	Brush Pick Up	Twice a Year		All residents	
Downers Grove Township	Street Sweeping	Twice a Year		Curb & Gutter Streets	
Downers Grove	Sustainable Design Challenge	4/5/2022	DuPage County	2	Judge
Downers Grove	Paper Shredding	4/30/2022	DG VH	9,240 lbs / 376 residents	Sponsor/Host
Downers Grove	DuPage County Recycling Event	1/14/2023	PW Storage Yard, Wheaton		Advertiser
Downers Grove	Rain Barrel Sale	6/9/2023	DG PW	56 rain barrels sold	Sponsor/Host
Downers Grove	Native Tree and Shrub Sale	6/9/2023	DG PW		Sponsor/Host
Downers Grove	Christmas Light Recycling	11/21/2022 to 2/20/2023	DG PW, DG Fire Station 2	7 boxes @ 4'x4'x4'	Host

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Elmhurst	Rain Barrel Pick Up	1st Saturday, April-Sept.	Elmhurst Water Reclamation Facility		Host
Elmhurst	Prescription Drug Drop Box	Bi-Annually	Elmhurst Police Station		Host
Elmhurst	Cooking Oil Recycling	11/26/2022	Public Works Facility		Host
Elmhurst	Electronic Recycling	Quarterly	Public Works Facility		Host
Elmhurst	Textile/Clothing Recycling	Quarterly	Public Works Facility		Host
Elmhurst	Pumpkin Recycling	12/5/2022	Public Works Facility		Host
Elmhurst	Christmas Tree Recycling	After Christmas	Curbside		Host
Glendale Heights	Medical Collections/ Disposal	year round	Village Police Department	All residents	Host
Glendale Heights	Earth Day Recycling Event	4/22/2022	GH2O Aquatic Center	18 car batteries, 7 marine batteries, 12 - 12v batteries, 35 cordless power tool batteries, 410 pounds small batteries, 12 pairs glasses, 45 cell phones, 16 American flags, 90 pounds Xmas lights	
Glendale Heights	Yard Waste Pickup	April 1st - Nov 30th	curbside	all residents	
Glendale Heights	Electronics Recycling Program	2nd collection day of the month	curbside	All residents	
Glen Ellyn	Leaf and yard waste pick up by sticker program and curbside composting through contracted waste hauler	Throughout the year	Entire Village		Contract manager
Glen Ellyn	Greens Recycling (contracted waste hauler)	Jan. 3, 10 & 17 2022	Entire Village		Contract manager
Glen Ellyn	Cooking Oil waste drop of at Glenbard Wastewater	Throughout the year	Glenbard Wastewater		Sponsor
Glen Ellyn	Pumpkin Recycling	Nov. 6th	393 N. Main & 130 S. Lambert		

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Hanover Park	Christmas Lights Recycling	Year Round	Public Works		Lights can be dropped off at Public Works to be recycled
Hanover Park	Light bulb recycling	Year Round	Public Works		Lights can be dropped off at Public Works to be recycled
Hanover Park	Battery Recycling	Year Round	Public Works		Batteries can be dropped off at Public Works to be recycled
Hanover Park	Curbside Electronics Recycling	Year Round	Curbside		Per Village's agreement with the refuse hauler, residents can dispose of two electronic waste items per week at no additional costs.
Hanover Park	Weekly Curbside Yard Waste Pick-up	April - November	Curbside		Per Village's agreement with the refuse hauler, residents can dispose of yard waste with their weekly pickup.
Hanover Park	Village wide Brush Pick-up	April & October	Curbside		Public works performs a village wide brush pick-up.
Hanover Park	Apiary Open House	6/4/2022	Village Apiary		Environmental Committee is the sponsor for the open house at the Village apiary.
Hanover Park	Arbor Day	4/29/2022	Liberty Park		Village held a tree planting ceremony at Liberty Park and included the park district pre-school.
Hanover Park	Christmas Tree Recycling	January	Curbside		Per Village's agreement with the refuse hauler, residents can dispose of their Christmas Tree with their weekly pickup in January.
Hinsdale	Curbside Yard Waste/Composting Collection	Weekly (April-November)	Various	Village wide	Refuse Contract
Hinsdale	Leaf Collection Program	October-November	Various	Village wide	Refuse Contract
Hinsdale	Christmas Tree Collection	January	Various	Village wide	Refuse Contract
Lemont	Household Recycling Event (motor oil, e-recycling, document disposal, battery	9/17/2022	101 Main ST Lemont, IL 60439		Lemont Environmental Commission

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	collection, prescription medication collection				
Lemont	At Your Door collection of recyclable and hazardous waste items		Village- wide		Included in Waste Management municipal contract for all residents
Lemont	Village wide street sweeping	daily spring-fall	Village- wide		Village of Lemont Public Works
Lemont	Yard waste, brush pick up	April 1 - 12-9	Village- wide		Included in Waste Management municipal contract for all residents
Lisle Township	Car Care Clinic	10/8/2022	Lisle Township Road District	~100	Lisle Township Road District & TRIAD
Lisle Township	Car Care Clinic	5/13/2023	Lisle Township Road District	~100	Lisle Township Road District & TRIAD
Lisle Township	Leaf Pick Up	Oct. - Nov. 2022	Lisle Township Road District	3,400 Households	Lisle Township Road District
Lisle Township	Brush Pick Up	May - Oct. 2023	Lisle Township Road District	3,400 Households	Lisle Township Road District
Lisle Township	Street Sweeping	Year round as needed	Lisle Township Road District	> 45 sq miles	Lisle Township Road District
Lisle Township	Waste Oil recycled to heat one of our buildings	Year round as needed	Lisle Township Road District	n/a	Lisle Township Road District
Lisle Township	Document Shredding & Recycling Event	4/22/2023	Lisle Township	100+	4.2 tons shredded
Lisle	Lisle French Market	5/1/2022	Lisle River Walk	Residents (45)	Booth with DuPage County Water Quality Information
Lombard	Rain Barrel Reimbursement Program	ongoing	Lombard PW	8	Host
Lombard	Compost Bin Reimbursement Program	ongoing	Lombard PW	10	Host
Lombard	Sharps Collection Box	ongoing	Village Hall		Host
Lombard	HHW & Electronics Curbside Program	ongoing	Village-wide	217	Sponsor
Lombard	Pumpkin Smash	11/5/2022	Park District	250	Sponsor
Lombard	DEA Takeback Collection of Prescription Drugs	10/29/2022	Lombard PD		Host
Milton Township	Recycle Event	Oct-22	Milton Township		Host
Oak Brook	Annual Leaf Pickup Program	10/17 to 12/2/23	Community-wide (not		In-House Public Works Staff

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			private HOAs)		
Oak Brook	Annual Electronics Recycling Event (1.88 tons collected)	11/12/2022	Oak Brook Bath & Tennis Club		Flood Brothers
Oak Brook	Curbside Christmas Tree Collection (10 cu. yds. collected)	1/1-15/2023	Community-wide		Flood Brothers
Oak Brook	Curbside Yard Waste Collection	4/1 to 11/30/22	Community-wide		Flood Brothers
Oak Brook	Curbside Recycling Program (1,006.26 tons collected)	Year round	Community-wide		Flood Brothers
Oakbrook Terrace	Brush Pick-up	May - October	curbside		City
Oakbrook Terrace	Yard Waste Pick-up	May - October	curbside		City
Roselle	Oil Recycling	11/26/2022	Roselle Fire Station	40 gallons	Host with SCARCE
Roselle	Prescription Drop Box	Ongoing	Roselle Police Department		Host
Roselle	Sharps Disposal	Ongoing	Roselle Fire Station		Host
Roselle	Roselle Recycles	9/10/2022	Roselle Metra Lot	500	Host
Roselle	Holiday Light Recycling	Nov-Dec 2022	Roselle Village Hall	2371 pounds	Host
Villa Park	Electronic recycling event	Monthly	Public Works Garage		Public Works
Villa Park	Christmas lights recycling	Monthly	Public Works Garage		Villa Park
Villa Park	Paint collection	May (Spring sweep)	Home Avenue		Villa Park
Villa Park	Paper shredding	May (Spring sweep)	Home Avenue		Villa Park
Villa Park	Rain barrel	Annually	Village wide		Villa Park
Villa Park	Yard waste and brush pickups	Seven weeks in fall - free	Village wide		Villa Park
Villa Park	Pumpkin smash	November	Public Works Garage		Villa Park
Villa Park	Cooking oil collection	November	Public Works Garage		Villa Park
Villa Park	Christmas tree recycling	January	Public Works Garage		Villa Park
Villa Park	Batter collection	Year round	Public Works		Public Works
Warrenville	Arbor Day	4/30/2022	Various	100	City of Warrenville, Warrenville in Bloom
Warrenville	Public Works Week Open House	5/19/2022	Public Works Garage	80	City of Warrenville
Warrenville	Brush Pickup	April, May, Sept, Oct	N/A	120 pickups	City of Warrenville

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Warrenville	Document Shredding/Electronic Recycling	May	Various	Unknown	City of Warrenville
Wayne	Creek Sweep				
Wayne	Village-wide litter clean-up				
Wayne Township	manhole cleaning 2x/year	spring & fall	throughout the Road District	4 laborers	Road District crew does the work
Wayne Township	Christmas tree recycling	winter	Road District office lot		
Wayne Township	holiday lights recycling	Nov-Feb	Road District office lot		
West Chicago	Holiday Light Recycling	11/28/2022 - 1/20/2023	7 Locations in West Chicago	1,293 pounds of lights collected	WC Environmental Commission /Groot /Elgin Recycling
West Chicago	Annual Paper Shredding Event/Rain Barrel Sales	6/4/2022	WC Metra Station	3.36 tons of paper; 240 pounds of sharps/Expired meds	WC Environmental Commission
West Chicago	Pumpkin Smash/ composting	11/5/2022	First United Methodist Church	4.36 tons of Pumpkins collected	First United Methodist Church/Environmental Commission
West Chicago	Christmas Tree Recycling	1/3/2023 - 1/13/23	West Chicago	Collected 3.56 tons of Christmas trees	City of West Chicago/Groot
West Chicago	Residential Brush Collection	May - November 2022	West Chicago	N/A	City of West Chicago/Kramer Tree Service
West Chicago	Blooming Fest (Native Plant Sales)	5/21/2022	West Chicago	250-1000	City of West Chicago
Westmont	Rain Barrel Program	Ongoing	Village Hall		Sponsor
Willowbrook	Brush collection	5/8/2023	citywide	1000	
Willowbrook	Brush collection	10/9/2023	citywide	1000	
Willowbrook	Yard Waste Pick-up	May - October	curbside		City
Willowbrook	Street Sweeping	May - October			
Willowbrook	Sewer Cleaning and Televising				
Winfield Township	Winfield Township Recycling Extravaganza	9/24/2022	Winfield Twp Facility	389 cars	Host (multiple items collected)
Winfield Township	Christmas tree collection	12-26-22 thru 1-15-2023	Winfield Twp Facility	22	Host
Winfield	SBC Paint Recycling Event	4/23/2022	Village Hall		Host in collaboration with our waste hauler
Winfield	SBC Free Fall Leaf Collection	November/December	Village-wide		Host in collaboration with our waste hauler
Winfield	SBC Paint and Pumpkin Recycle Event	11/5/2022	Village Hall		Host in collaboration with our waste hauler
Winfield	Christmas Lights Recycling	December 2022- January 2023	Village Hall		Host

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Wood Dale	Green Fair	10/1/2022	N/A	8,740 lbs of electronics	
Wood Dale	Christmas Tree Pickup	1/3,4,9,10/2023	N/A	2.67 tons of Christmas trees	
Wood Dale	Salt Creek Clean-up Event	5/21/2022	N/A	1 ton dump truck full of garbage removed from creek	
Woodridge	Guide to Spring Tree Planting	3/11/2022	Virtual		Supporter / Advertiser
Woodridge	DuPage/SCARCE Sustainable Design Challenge	3/11/2022	Virtual and In person		Supporter / Advertiser
Woodridge	Champion of Trees 10K	4/8/2022	Lisle		Supporter / Advertiser
Woodridge	Woodridge Rotary Recycling Extravaganza	4/29/2022	Woodridge		Supporter/ Organizer & Participant
Woodridge	Park District Community Tree Planting	6/3/2022	Woodridge		Supporter / Advertiser
Woodridge	DuPage Monarch Project - Bioblitz	8/5/2022	Virtual		Supporter / Advertiser
Woodridge	DuPage County Quarry Tour	8/19/2022	Elmhurst		Supporter / Advertiser
Woodridge	DGS Pumpkin Smash	11/4/2022	Downers Grove		Supporter / Advertiser
Woodridge	Neighbors Helping Neighbors Clean Up	11/18/2022	Woodridge		Supporter/ Organizer & Participant
Woodridge	Conservation Foundation Environmental Summit	12/2/2022	Virtual		Supporter / Advertiser
York Township	Electronic Recycling	All Year	On Site	N/A	York Township Residents Only
York Township	Brush Pick Up	May thru October	Residents Property	N/A	York Township Unincorporated Areas
York Township	Free Wood Chips Pick Up	All Year	14th and Meyers	N/A	York Township Residents
York Township	Wood Chips Delivers	Spring and Fall	Residents Property	40 +-	York Township Residents Only

Group Events hosted/ attended by SCARCE- supported by DuPage County and co-permittees:

Education Categories: RB-Rain Barrel, NP-Native Plants, PP-Permeable Pavers, GB- Green Building, SWM- Stormwater Management, BMP-Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, GR- Green Roof, BS- Bio Swale, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COW- Indoor Compost, COR - Cooking Oil Recycling, Phos- Phosphates, WS- Watershed Model, GWFM-Groundwater Flow Model, CW- Car Washing, SDC- Sustainable Design Challenge, GC- Green

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Cleaning, LP- Litter Prevention, AB- Anti Bacterial Soap, ER- Electronic Recycling, WL- Wetland, WQF - Water Quality Flag, SDM- Storm Drain Medallions, WSM- Watershed Model

Type: B- Business, Gov- Government, Com- Community

Date	Education Category	Type	Group	Town	# of Participants
3/1/2022	Q&Q, NP, Pollinators, COO, COC, Lead-Free Hoses, Pumpkin Smash, RB, GR, Community Gardens, COR, Rx	COM.	Crestview Garden Club	Elmhurst	17
3/7/2022	SDC Meet - Up Planning	GOV. / B	Wight & Co.	Darien	2
3/7/2022	LP, Q&Q, BMP	COM.	Girl Scouts	Naperville	12
3/10/2022	LP, Q&Q, BMP	COM.	Girl Scouts	Wheaton	7
3/15/2022	Q&Q, NP, Pollinators, COO, COC, Lead-Free Hoses, Pumpkin Smash, RB, GR, Community Gardens, COR, Rx	COM.	Violet Garden Club	Glen Ellyn	10
3/19/2022	LP, Q&Q, BMP	COM.	Girl Scouts	Elmhurst	21
3/23/2022	WQF, RB, NP, PP, GB, SWM, BMP, Rx, Q&Q, BS, COC, COO, COR, GC, LP	GOV.	Village of Addison	Addison	2
3/24/2022	WQF, RB, NP, PP, GB, SWM, BMP, Rx, Q&Q, BS, COC, COO, COR, GC, LP	GOV.	Village of Addison	Addison	4
3/28/2022	Planning Meeting for Earth Day Event - WSM	GOV.	Wood Dale Park District	Wood Dale	2
3/28/2022	WQF - Staff Training	GOV.	Addison Township Highway Department	Wood Dale	12
3/28/2022	SDC Planning	GOV.	DuPage County	Wheaton	1
3/29/2022	WQF - Staff Training	GOV.	Wood Dale Public Works	Wood Dale	21
3/31/2022	WQF, RB, NP, PP, GB, SWM, BMP, Rx, Q&Q, BS, COC, COO, COR, GC, LP	B.	Chicago Glue & Machine	Itasca	2
4/5/2022	Q&Q, COR, Rx,	COM.	Catholic Daughters of America	West Chicago	22
4//6/2022	SWM, COO, NP, LP, SDM	B.	Antunes	Carol Stream	2
4/7/2022	WQF, Q&Q, NP, COO, Rx, COR	COM.	PADS	Wheaton	1
4/9/2022	Rx, HHW, COO, COC, NP	COM.	Daughters of The American Revolution	Aurora	17
4/12/2022	WSM, Planning Meeting for upcoming summer camp programs	COM. / GOV.	Glen Ellyn Park District	Glen Ellyn	1
4/13/2022	Rx, COO, COR	COM.	AM Rotary Club	Wheaton	21
4/13/2022	WQF, Q&Q, RB, SDC, NP, COO, Rx, SWM, BMP, COR	COM.	The Oaks of Bartlett	Bartlett	13
4/18/2022	LP, Q&Q, BMP	COM.	Boy Scout Troop	Carol Stream	13
4/19/2022	NP, SWM, Q&Q, BMP	COM.	Etz Chaim	Lombard	1
4/20/2022	WQF Staff Training	GOV.	Village of Addison	Addison	48

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4/20/2022	Rx, Q&Q, COO, COR	COM.	Tri Village Garden Club	Bartlett, Hanover Park	40
4/21/2022	WQF Staff Training	GOV.	Village of Addison	Addison	26
4/22/2022	WQF, Q&Q, RB, SDC, NP, COO, Rx, SWM, BMP, COR	COM.	SCARCE	Addison	15
4/23/2022	WSM, Q&Q, WQF, COO, Rx	COM. / GOV.	Wood Dale Park District	Wood Dale	100
4/23/2022	LP, Q&Q, BMP	COM.	Boy Scout Troop	Woodridge	23
4/24/2022	Q&Q, BMP	COM. / GOV.	Naperville Park District	Naperville	100
4/26/2022	WQF Staff Training	GOV.	Village of Addison	Addison	51
4/26/2022	LP, Q&Q, BMP	COM.	Girl Scout Troop	Naperville	10
4/28/2022	Q&Q, BMP, COO, RB, NP, SWM, Rx, COR	B.	Ball Horticulture	West Chicago	32
4/28/2022	Q&Q, LP, Pick -Up 5	B.	Ace Hardware	Oak Brook	20
4/30/2022	Grow'n Green Garden Market	COM.	SCARCE	Addison	300
5/4/2022	NP, SWM, Q&Q, BMP, LP,	B.	Systematics	Itasca	3
5/5/2022	SDC	COM.	WDCB	Glen Ellyn	1
5/11/2022	WQF Ceremony	GOV.	Addison Township Highway Department	Addison / Wood Dale	20
5/14/2022	LP, Q&Q, BMP	COM	Boy Scouts	Bloomingtondale	5
5/19/2022	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, BS, COO, COC	GOV. / COM.	Warrenville Public Works	Warrenville	100
5/19/2022	RB, Lead - Free Hoses, NP, BMP, Q&Q, SWM, COC	COM.	Lord of Life Lutheran Church	Darien	18
5/23/2022	Q&Q, WQF, LP, SDM, Rx, BMP	COM.	Windsor Park	Carol Stream	16
5/24/2022	NP, SWM, BMP, Lead - Free Hoses, COO	COM.	Etz Chaim	Lombard	2
5/24/2022	WQF	GOV.	Glen Ellyn Park District	Glen Ellyn	6
5/24/2022	Planning Stormwater Exhibit	B	Marson Art	Cookeville, TN	1
5/25/2022	NP, COO, Q&Q	B.	Chicago Glue & Machine	Itasca	7
5/26/2022	SDM, LP	B	Antunes	Carol Stream	2
6/1/2022	SDM Training	COM.	Boy Scout Troop 191	Carol Stream	2
6/6/2022	RB, PP, SWM, BMP, Q&Q, COO, COC, Rx, Pumpkin Smash, COR, SDM, LP	B.	NOW Foods	Roselle	156
6/8/2022	RB, PP, SWM, BMP, Q&Q, COO, COC, Rx, Pumpkin Smash, COR, SDM, LP	B.	NOW Foods	Bloomingtondale	206
6/8/2022	Rx, RB, SDM, Q&Q, SWM, BMP, LP, NP	COM.	Park Place	Elmhurst	16
6/9/2022	BMP, LP, Q&Q	GOV.	Stormwater Municipal Engineers Meeting	DuPage County	
6/10/2022	RB, PP, SWM, BMP, Q&Q, COO, COC, Rx, Pumpkin Smash, COR, SDM, LP	B.	NOW Foods	Bloomingtondale	83

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6/11/2022	Q&Q, SDM, LP, COC, COO, Pumpkin Smash, Lead - Free Hoses	COM.	Village of Schaumburg	Schaumburg	24
6/13/2022	Quarry Tour	COM.	DuPage County	Wheaton	12
6/20/2022	NP, Q&Q, SWM, BMP	GOV.	City of Warrenville	Warrenville	2
6/21/2022	Rx, RB, SDM, Q&Q, SWM, BMP, LP, NP	COM.	Elmhurst Garden Club	Elmhurst	9
6/23/2022	Q&Q, BMP, Leak Detection Tablets	COM.	Village of Addison	Addison	150
6/24/2022	SDM	COM.	Eagle Scout Candidate	Carol Stream	2
6/27/2022	Q&Q, BMP	B.	Chicago Glue and Machine	Itasca	10
6/27/2022	Rx	COM.	Darien Rotary	Darien	1
7/8/2022	NP, GR, BMP, SWM, Q&Q, Tour of Water Commission	GOV.	DuPage Water Commission	Elmhurst	24
7/11/2022	WQF	GOV.	Village of Addison	Addison	2
7/11/2022	Water Exhibit Planning Meeting	GOV.	DuPage Water Commission	Elmhurst	1
7/13/2022	Q&Q, NP, SDM, LP, BMP, Rx, COO, WQF	B.	Antunes	Carol Stream	15
7/14/2022	SDM Training	B.	Canon USA	Itasca	2
7/14/2022	NP, SWM, Q&Q, SDM	COM.	Congregation Etz Chaim	Lombard	6
7/15/2022	SDM Training	GOV.	Village of Hanover Park	Hanover Park	1
7/15/2022	SDM - Potential Gold Award Project	COM.	Girl Scout	Wheaton	2
7/18/2022	SCARCE Tour	GOV.	DuPage County	Wheaton	8
7/19/2022	Q&Q, BMP, SWM, NP, RB, SDM, COC, Pumpkin Smash	B.	Antunes	Carol Stream	12
7/20/2022	WQF, Q&Q, NP, SWM, NMP, RB	COM.	Kiwanis Club	Glen Ellyn, Glendale Heights, Lombard, Addison, Elmhurst, Downers Grove, Wheaton	23
7/20/2022	Q&Q, BMP, SWM, NP, COO	B.	Chicago Glue & Machine	Itasca	8
7/21/2022	NP, BMP, Q&Q	COM.	Garden Clubs of Illinois	DuPage County	2
7/22/2022	WQF, Q&Q, NP, SWM, NMP	B.	Antunes	Carol Stream	3
7/22/2022	WQF, Q&Q, NP, SWM, NMP	COM.	Park Place	Elmhurst	8
7/22/2022	Q&Q, LP	COM.	WDCB	Glen Ellyn	1
7/29/2022	STEM - A- Palooza	COM.	DuPage County Fairgrounds	Wheaton	500
7/30/2022	STEM - A- Palooza	COM.	DuPage County Fairgrounds	Wheaton	475
7/31/2022	STEM - A- Palooza	COM.	DuPage County Fairgrounds	Wheaton	400
8/1/2022	COR, COC, Pumpkin Smash, Rx	GOV.	Westmont Environmental Improvement Commission	Westmont	5
8/4/2022	WQF, WSM, Q&Q, Rx, LP, NP, SWM, BMP	COM.	Glen Ellyn Rotary	Glen Ellyn	14
8/8/2022	Water Exhibit Planning Meeting	GOV.	DuPage County	Wheaton	1
8/11/2022	WQF, WSM, Q&Q, Rx, LP, NP, SWM, BMP	COM.	Etz Chaim	Lombard	3
8/13/2022	LP, Q&Q, BMP	COM.	Cub Scouts	Woodridge	14

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8/15/2022	Q&Q, COR	GOV.	Downers Grove Sanitary District	Downers Grove	6
8/15/2022	WQF, Staff Training Planning	B.	Antunes	Carol Stream	2
8/26/2022	WSM, Planning Upcoming Program	GOV.	Wood Dale Park District	Wood Dale	1
9/7/2022	RB-Rain Barrel, NP-Native Plants, SWM- Stormwater Management, BMP-Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COR - Cooking Oil Recycling, GC- Green Cleaning, LP- Litter Prevention, WQF - Water Quality Flag	B.	Chicago Glue & Machine	Itasca	20
9/8/2022	SDM Training - Eagle Scout Project	COM.	Life Scout	Glen Ellyn	3
9/9/2022	RB, NP, Q&Q, BMP, SWM, Rx, WQF, COO, COR, Pumpkins	COM.	100 Women Who Care	Elmhurst	6
9/12/2022	COC, Pumpkins	COM.	IFSC		11
9/13/2022	COO, COC, BMP, SWM	COM.	SCARCE	Addison	3
9/19/2022	WQF Ceremony	GOV.	Village of Addison	Addison	34
9/20/2022	COO, COC, BMP, SWM	GOV.	Village of Roselle	Roselle	7
9/20/2022	LP, Q&Q, BMP	COM.	Lions Club	Wheaton	56
9/21/2022	RB-Rain Barrel, NP-Native Plants, SWM- Stormwater Management, BMP-Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COR - Cooking Oil Recycling, GC- Green Cleaning, LP- Litter Prevention, WQF - Water Quality Flag	B.	Antunes	Carol Stream	155
9/22/2022	Q&Q, BMP	COM.	WDCB	Glen Ellyn	1
9/22/2022	COC, Rx, COR, Pumpkins	COM. / GOV.	West Chicago Public Library	West Chicago	14
9/26/2022	Program Planning Meeting, WSM, SDM, LP	COM.	Girl Scouts of Greater Chicago & NW Indiana	Naperville	1
10/1/2022	WSM, NP, PP, SWM, BMP, Q&Q, COR, Pumpkins, SDM, LP	GOV. / COM.	Downers Grove Sanitary District	Downers Grove	200
10/4/2022	WQF	B.	Antunes	Carol Stream	2
10/5/2022	Q&Q, WQF, LP, SDM, RD, BMP, SWM, PP, GR, COC, Pumpkins, COR, Rx	GOV. / COM.	Wheaton Public Library	Wheaton	29
10/6/2022	WQF	B.	Antunes	Carol Stream	170

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10/8/2022	Q&Q, Leak Detection Tabs, Rx, COR, Rx, GC, Pumpkins	GOV. / COM.	Addison Fire Department	Addison	400
10/10/2022	Pumpkin Smash, SDM, WQF, COO	GOV.	City of Naperville	Naperville	2
10/11/2022	Meeting to Discuss Possible Programs	COM.	Marian Park / Mercy House	Wheaton	1
10/12/2022	Institute Day Workshop Planning Meeting	COM.	SCARCE	Addison	4
10/13/2022	SDC Planning Meeting	GOV. / COM.	DuPage County	Wheaton	1
10/20/2022	Pumpkin Smash	COM.	WDCB	Glen Ellyn	1
10/26/2022	Q&Q, SDM, Rx, COR, Pumpkin Smash	GOV. / COM.	City of Elmhurst	Elmhurst	16
10/26/2022	Webinar - Q&Q, WQF, SDM, BMP, SWM, Rx, GC, COR, Nutrient Load, WSM, Flooding in DPC, RB, CW, LP, COC, NP, Lead - Free Hoses, Pumpkin Smash	GOV. / COM.	DuPage County	Wheaton	36
10/27/2022	SDM, Q&Q, BMP, SWM, COC, COO	GOV.	Downers Grove Public Library	Downers Grove	8
11/5/2022	Pumpkin Smash	COM.	SCARCE	DuPage County	735
11/10/2022	Meeting to discuss possible programs. WSM, SDM, LP, Pick - Up 5, WQF	COM.	Girl Scouts of Greater Chicago & Northwest Indiana	Naperville	3
11/10/2022	Q&Q, BMP, COC, COO, COR, Pumpkin Smash	B.	Chicago Glue & Machine	Itasca	11
11/11/2022	WQF, SDM, LP, BMP, SWM, Q&Q, NP, COC, Pumpkin Smash, COR, Rx	B.	Westin Hotel	Lombard	6
11/11/2022	COR, BMP, Q&Q	COM.	WDCB	Glen Ellyn	1
11/12/2022	WSM	COM.	Girl Scout Troop	Elmhurst	18
11/14/2022	SDM, LP, Pick - Up 5	COM.	Boy Scout - Eagle Scout Project	Lombard	2
11/17/2022	Q&Q, Rx, COC, COR, Pumpkin Smash	COM. / GOV.	Wood Dale Public Library	Wood Dale	13
11/18/2022	Planning Upcoming Programs	COM.	Girl Scouts of Greater Chicago & Northwest Indiana	Naperville	2
11/26/2022	Cooking Oil Recycling	COM.	SCARCE	DuPage County	189
12/14/2022	Q&Q, BMP, WQF, SDM, LP	B.	Lifetime Brands Inc.	Oak Brook	3
1/10/2023	COR, COO, Pumpkin Smash, Rx	COM.	Kiwanis Club	St. Charles	48
1/13/2023	WQF, SDM, Q&Q, BMP, SWM	GOV.	Lisle Township	Lisle	3
1/17/2023	Q&Q, LP, SDM	COM.	Marian Park	Wheaton	5
1/17/2023	GC, RX	COM.	Marian Park	Wheaton	3
1/18/2023	Rx	COM. / GOV.	Glen Ellyn Park District	Glen Ellyn	13
1/19/2023	Program Opportunities, GC	COM.	Carol Stream Rotary Club / West Chicago Park District	Carol Stream / West Chicago	2
1/23/2023	COR, Setting Up Permanent Collection Site	GOV.	City of West Chicago	West Chicago	2

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1/25/2023	BMP, NP, GC, RB, COO, COR, Pumpkin Smash	GOV.	Lisle Township	Lisle	3
1/25/2023	SDM, Q&Q, BMP, LP	COM.	Darien Garden Club	Darien	19
1/25/2023	COR, COO, WQF, SDM, Program Opportunities	GOV.	Township Supervisors	Glendale Heights	9
1/26/2023	Planning Upcoming Programs, Discussed Water Exhibit	GOV.	Woodridge Public Library	Woodridge	1
1/28/2023	COO, COR, Pumpkin Smash, Q&Q, BMP	GOV.	IL Parks Association Conference	Chicago	18
1/30/2023	RX, COO, COR, Pumpkin Smash	COM. / GOV.	Lisle Park District	Lisle	34
2/1/2023	RB, SWM, BMP, HHW, Q&Q, Rx, COO, COC, Pumpkin Smash, COR, LP, SDM, WQF	B.	Chicago Glue & Machine	Itasca	9
2/4/2023	Open House, RB, WSM, WQF, BMP, SWM, Pumpkin Smash, COO, COC, COR	COM.	SCARCE	Addison	63
2/6/2023	WQF, Water Exhibit, Rx, COR	GOV.	City of Naperville	Naperville	2
2/7/2023	WQF, Rx, LP, SDM, BMO, NP, RB	COM.	Lions Club	Wheaton	7
2/8/2023	Q&Q, COO, COC, Nutrient Load, Pumpkin Smash, LP, SDM, Rx, NP, GC, COR	GOV.	Lisle Township	Lisle	8
2/9/2023	LP, SDC, Pumpkin Smash, Q&Q, BMP, NP	COM.	Chippewa District of Three Fires Council	Wheaton	60
2/11/2023	Rx, Q&Q, BMP	COM.	SCARCE	Addison	9
2/14/2023	NP, BMP	COM.	DuPage Monarch Project	Lombard	1
2/18/2023	WSM, Q&Q, BMP, LP, SDM	COM.	Girl Scouts of Chicago & Northwest Indiana	DuPage County	32
2/22/2023	Program Planning Meeting, BMP, Q&Q, COO, COC, Pumpkin Smash, NP	B.	Ball Horticulture	West Chicago	1
2/28/2023	Sustainable Design Challenge Planning Meeting	B.	Wight & Company	Darien	3

A5. Classroom Educational Material

Goal:

DCSM partners with schools and local educational organizations throughout the co-permittee area on stormwater management and water quality education promoting water quality and environmental efforts using watershed models and other educational tools.

Milestone:

Target at least 10 schools within the permit area with outreach programs per year.

Status:

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DuPage County promoted student and teacher education of water quality topics by supporting S.C.A.R.C.E. (School and Community Assistance for Recycling and Composting Education). The following activities were conducted by S.C.A.R.C.E. and supported by DuPage County during the reporting year:

Education Categories: RB-Rain Barrel, NP-Native Plants, PP-Permeable Pavers, GB- Green Building, SWM- Stormwater Management, BMP-Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, GR- Green Roof, BS- Bio Swale, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COW- Indoor Compost, COR - Cooking Oil Recycling, Phos- Phosphates, WS- Watershed Model, GWFM-Groundwater Flow Model, CW- Car Washing, SDC- Sustainable Design Challenge, GC- Green Cleaning, LP- Litter Prevention, AB- Anti Bacterial Soap, ER- Electronic Recycling, WL- Wetland, WQF - Water Quality Flag, SDM- Storm Drain Medallions, WSM- Watershed Model

Type: T- Teacher, St- Student, Col- College

Date	Education Category	Type	Group	Town	# of Participants	# of Students
3/2/2022	WQF, SDC, RB, NP, PP, GB, SWM, BMP, Rx, Q&Q, BS, COC, COO, COR, GC, LP	T.	York H.S.	Elmhurst	3	0
3/4/2022	Institute Day Workshop	T.	Regional Office of Education	DuPage County	37	0
3/8/2022	WQF - Staff Training	T.	Prairie School of DuPage	Wheaton	8	0
3/9/2022	GB, SWM, BMP, BS, PP, NP, Q&Q, GR	T. ST.	Bryan M.S.	Elmhurst	3	39
3/11/2022	Q&Q, LP, BMP	T., ST.	Lisle Elementary	Lisle	5	110
3/16/2022	SDC Meet - Up	T., ST.	Wight & Co.	Darien	8	9
4/5/2022	SDC	T, ST.	DuPage High School Students	Wheaton	8	64
4/7/2022	RB, NP, SWM, Q&Q, Rx, COO, GB, SDC, SDM, Pick - Up 5	T, ST.	Glenbard East H.S.	Lombard	1	5
4/7/2022	RD, CG, Q&Q, Lead - Free Hoses	T.??	Conrad Fischer E.S.	Elmhurst	2	0
4/11/2022	SDM Training	T, ST.	Prairie School of DuPage	Wheaton	1	
4/12/2022	Q&Q, SWM, BMP, COR, COO, NP, Rx	T, ST.	Downers Grove North & South H.S.	Downers Grove	2	43
4/19/2022	Q&Q, SWM, BMP, COR, COO, NP, Rx	T, ST	Downers Grove North & South H.S.	Downers Grove	2	39
4/29/2022	Q&Q, LP, Pick -Up 5	T, ST.	Wiesbrook E.S.	Wheaton	32	480
5/2/2022	WSM - Q&Q, SWM, Nutrient Load, Road Salt, LP	T, ST	Still M.S	Naperville	6	215
5/3/2022	WSM - RB, NP, BS, PP, SWM, BMP, Q&Q, BS, COC, COO, LP, Pick - Up 5	T, ST	Still M.S	Naperville	6	245
5/4/2022	RB, NP, PP, GB, SWM, BMP, Q&Q, SDM, LP, Rx, COO, COC, COR, GC, SDC, Nutrient Load	COL.	College of DuPage	Glen Ellyn	4	0
5/7/2022	WSM Loan	T, ST	Wheaton Christian Grammar School	Winfield	1	63

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5/9/2022	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, BS, COO, COC	T, ST	Whittier E.S.	Downers Grove	2	38
5/18/2022	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, BS, COO, COC	ST.	St. Michael's School	Wheaton	102	150
5/20/2022	GB, SDC, GR, PP, NP, BMP, SWM, Q&Q	T, ST	Bryan M.S.	Elmhurst	5	36
6/29/2022	SDM, LP	ST.	Lake Park West H.S.	Roselle	3	0
8/25/2022	Q&Q, SDM, WSM, LP	COL.	Benedictine University	Lisle	14	0
8/29/2022	Q&Q, SDM, WQF, LP	T.	Hinsdale Community Preschool	Hinsdale	7	0
9/23/2022	RB, NP, Lead - Free Hose, BMP	T, ST.	Conrad Fischer	Elmhurst	24	11
9/23/2022	RB-Rain Barrel, NP-Native Plants, SWM- Stormwater Management, BMP-Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COR - Cooking Oil Recycling, GC- Green Cleaning, LP- Litter Prevention, WQF - Water Quality Flag	T	Edison M.S.	Wheaton	76	0
9/24/2022	RB, BMP, NP, Q&Q, COO, Pumpkins, COR, WSM, SWM	T, ST.	Edison M.S.	Wheaton	2	4
9/27/2022	RB, NP, Q&Q, SDM, LP, WQF, BMP, Rx, COO, SWM, SDC, Pumpkins	T, ST.	Downers Grove North & South H.S.	Downers Grove	3	32
9/29/2022	RB, NP, Q&Q, SDM, LP, WQF, BMP, Rx, COO, SWM, SDC, Pumpkins	T, ST.	Hinsdale South H.S.	Darien	2	33
9/30/2022	Q&Q, LP, SDM, COO, COC, Pumpkins, BMP, SWM, NP	T, ST.	Edison M.S.	Wheaton	76	628
10/5/2022	WSM Loan	T, ST.	Glenbard East H.S.	Lombard	2	100
10/6/2022	WSM Loan	T, ST.	Hawthorne E.S.	Elmhurst	1	14
10/6/2022	Pumpkin Smash, Rx, COR, WSM	T	School District 45	Villa Park	18	0
10/11/2022	Rx, Pumpkin Smash, COR	T, ST.	York H.S.	Elmhurst	1	4
10/19/2022	WQF, SDM, LP, WSM, Pumpkin Smash, Rx, COR	Parent	Madison E.S.	Wheaton	1	0
10/27/2022	RB, NP, PP, GB, SWM, BMP, Q&Q, SDM, LP, Rx, COO, COC, COR, GC, SDC, Nutrient Load, Pumpkin Smash	COL.	College of DuPage	Glen Ellyn	18	0
10/29/2022	WSM Loan	T, ST.	Jefferson E.S.	Elmhurst	1	8
11/2/2022	RB, NP, PP, GB, SWM, BMP, Q&Q, SDM, LP, Rx, COO, COC, COR, GC, SDC, Nutrient Load, Pumpkin Smash	COL.	College of DuPage	Glen Ellyn	20	0

11/4/2022	WQF, BMP, Staff Meeting Planning	T.	Conrad Fischer	Elmhurst	2	0
11/16/2022	RB, NP, PP, GB, SWM, BMP, Q&Q, SDM, LP, Rx, COO, COC, COR, GC, SDC, Nutrient Load, Pumpkin Smash	COL.	College of DuPage	Glen Ellyn	9	0
11/28/2022	Q&Q, LP, BMP, NP	T., ST.	Ardmore E.S.	Villa Park	3	23
1/12/2023	WQF, Q&Q, RX, SDM, LP, BMP	T.	School District 45	Villa Park	12	0
2/2/2023	WSM, Q&Q, BMP, SWM, Flooding in DPC, Nutrient Load, Phos.	T, ST.	Still Middle School	Aurora	10	240
2/3/2023	WSM, RB, NP, BMP, Q&Q, COO, COC, COR, GR, SWM, LP, SDM, PP	T, ST.	Still Middle School	Aurora	10	240
2/8/2023	WSM, Q&Q, BMP, SWM, Flooding in DPC, Nutrient Load, Phos., RB, NP, COO, COC, GR, LP, SDM, PP	T, ST.	St. Michael's School	Wheaton	5	275
2/10/2023	COC, COO, Q&Q, BMP	T, ST.	Glenbard East H.S.	Lombard	1	88
2/15/2023	BMP, COC, COO, Pumpkin Smash, Q&Q, LP, SDM, NP, Rx, COR	T.	SD 45 Early Childhood Center	Villa Park	45	0

B. Public Participation/ Involvement

B2. Educational Volunteer

Goal:

DCSM sponsors a variety of volunteer opportunities, including: the Adopt-a-Stream program, the DuPage River Sweep, and the storm drain medallion program.

Milestone:

Participate at or sponsor 3 events targeted at school aged children per year.

Status:

DuPage County sponsors the following programs through the Conservation Foundation and SCARCE on behalf of all co-permittee communities:

Storm Drain Medallions

DuPage County sponsors Storm Drain Medallion programs through The Conservation Foundation and SCARCE. Storm drain medallions are applied by volunteers to educate the public on non-point source pollution from stormwater runoff. Volunteers receive the medallions, adhesive, alcohol wipes (to remove glue from their hands) and a wire brush. An education video and information materials are provided to the participants to instruct them on the proper placement of the medallions.

Medallions applied through The Conservation Foundation program:

- Village of Westmont - 360 medallions and 50 door hangers applied in the Westmont Oakwood subdivision
- College of DuPage - 25 medallions applied in Glen Ellyn around the COD campus
- Girl Scout Troop 55499 – 8 medallions applied in Naperville near Elmwood Elementary

Medallions applied through the SCARCE program:

- 4/29/2022 – Prairie School of DuPage, Wheaton. 20 medallions applied by 50 participants
- 6/1/2022- Eagle Scout Project, Carol Stream. 62 medallions applied by 1 participant
- 6/17/2022- Canon USA, Itasca. 15 medallions applied by 10 participants
- 6/30/2022- Village of Hanover Park. 20 medallions applied by 10 participants

Additionally, the following communities continue to utilize permanent drain covers:

- Addison
- Wheaton
- Bloomingdale Township
- Bolingbrook
- Elmhurst
- Glen Ellyn
- Lisle
- Warrenville
- Westmont

2022 DuPage County River Sweep

The annual DuPage County River Sweep is a county-wide self-coordinated stream cleanup and restoration event. The purpose of the River Sweep is to encourage volunteers to help “sweep our rivers clean” by picking up debris in and along the local waterways and restoring nearby land back to its natural state. In 2022, approximately 22.7 miles of shoreline were cleared of trash. Since its inception in 1991, over 14,906 volunteers have removed approximately 296 tons of garbage from the DuPage County waterways.

- Date of Event: May 20, 2022
- Number of Participants: 507 volunteers
- Area Covered: Approx. 22.71 miles
- Tons of Litter: Approximately 4.1 tons
- Restoration Work: 1 acre restored (dame’s rocket and garlic mustard removed)

Adopt-A-Stream

Adopt-A-Stream was initiated by DCSM in 1995. The program encourages citizen-based stewardship of the County's water resources to keep them healthy, clean, and attractive. It supports the belief that everyone can make a difference in the aquatic habitats and general appeal of the County's waterways.

- Number of Volunteer Groups: 13
- Number of Volunteers: 330
- Number of bags of trash: 158
- Estimated pounds of trash: 1,342 lbs.

In previous years as grace for the Covid pandemic, TCF included groups in this tally that had not participated that year. As part of this year's report, this number has been revised to include only groups that managed at least one cleanup and provided data sheets. Overall, the number of volunteers increased, and the amount of trash collected stayed approximately the same as 2021. One (1) new group began working in Naperville, Meadow Glens Elementary Home & School Association. TCF will continue to reach out to inactive groups to either reengage them or offer their location to another group.

Conservation@Home / Conservation@Work

The Conservation@Home and Conservation@Work programs promote the use of native landscaping, rain gardens and rain barrels to homeowners, businesses, and developers in DuPage County.

Conservation@Home/Work provides a way to educate the citizens of DuPage County about stormwater and provides them with the resources they can use to improve water quality on their properties. DCSM sponsors the programs which are conducted by The Conservation Foundation. Staff conducts evaluations and certifications of residential properties, school campuses and business properties throughout the county as well as provides information and resources for planting and maintaining certified properties and promotes the program through presentations and partnerships.

Through these programs there were eight (8) Conservation@Home certifications and one (1) Conservation@Work certification during the contract period. TCF staff held one-hundred-fifty-six (156) Conservation@Home site visits and eleven (11) presentations in DuPage County alone, of which sixty-six (66) consultations and eight (8) presentations were supported by DCSM.

Rain Barrels

During the reporting year, four-hundred fifty-four (454) rain barrels were distributed throughout DuPage County communities. All the sales were through The Conservation Foundation (TCF) website link for DuPage County residents to purchase rain barrels and/or through rain barrel pick-up events TCF helped organize.

The Conservation Foundation maintains a countywide link for DuPage County residents to purchase rain barrels. Residents have the option to pick-up their rain barrel or they can have it delivered. Videos instructing homeowners on how to install a rain barrel are posted on the DuPage County Love Blue Live Green YouTube page and the Conservation Foundation website.

TCF promoted rain barrels to residents at the following pick-up events, in addition to weekly pickup at TCF’s headquarters at the McDonald Farm:

- May 21, 2022: Carol Stream
- June 9, 2022: Downers Grove (TCF staffed)
- April 30, 2022: SCARCE (TCF staffed)
- June 4, 2022: West Chicago
- April 23, 2022: Wheaton Park District (TCF staffed)
- May 13 & 14, 2022: DuPage County (TCF staffed)

Additional Programs by Co-Permittees

Agency	Program Name	Date	# of Participants	Metrics (Amount of trash collected/ # of storm drain medallions/ etc.)
Addison Township	Storm Sewer Identification medallions		9	122 medallions
Addison Township	Textile Recycling events			2756 pounds
Addison Township	E-Cycle events			24775 pounds
Addison Township	Christmas tree recycling			4 trees
Addison Township	Cooking Oil recycling			35 gallons
Addison Township	Book recycling events			1315 pounds
Village of Addison	River Sweep with Boy Scout Troop 410	8/25/2022	27	(7) 30-gallon trash bags
Village of Addison	Addison Recycling Event (USMe, ProShred, SCARCE, Addison VFW, Republic Services)	4/2/2022	27	Unknown. All volunteers recycled collected contents.

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Village of Addison	Addison Recycling Event (USMe, ProShred, SCARCE, Addison VFW, Republic Services)	10/15/2022	28	Unknown. All volunteers recycled collected contents.
Bensenville	Trash Pick Up SWAP	Monthly	12	
Carol Stream	Pond & Stream Sweep	5/21/2022	118	> 1,000 lbs picked up
Carol Stream	Adopt-a-Highway	CY2022	5 (Groups)	23 Pickups; 27.40 Miles Cleaned
Downers Grove	DuPage River Sweep	5/21/2022	44	42 bags
Elmhurst	Arbor Day-Timothy Christian School	4/29/2022		1 tree planted
Glen Ellyn	Earth Day Event in conjunction with Park Dist.		Unknown	
Glen Ellyn	Recycle Extravaganza	4/29/2022	~457 cars	
Glen Ellyn	Storm inlet Medallions	4/1/2022	10	20
Hanover Park	Recycling Event	9/24/2022	150	27 books, 300 light bulbs, 5 marine/auto batteries, 4,760 pounds of shredded paper, and 10 bags of clothes
Hanover Park	MLK Buildup	5/21/2022		Teamed with DuPage Habitat for Humanity to paint fences and clean up the neighborhood.
Hanover Park	River Sweep	10/15/2022	7	10 bags of trash, 10 shopping carts, a mattress, a few tires, and several construction barricades.
Hanover Park	Storm Medallions	7/30/2022	4	Installed 20 storm drain medallions from SCARCE
Hinsdale	Park Clean-Up Day (Earth Day/Arbor Day)	4/21/2022	40	Four Park Locations
Hinsdale	Fall Park Clean-Up Day	10/6/2022	40	Four Park Locations
Itasca	Pumpkin Smash Event	11/5/2022	N/A	1.8 tons
Itasca	Itasca Green Day	5/7/2022	N/A	Batteries 825 lbs, cardboard 30 yards, paper shredding 2 truckloads, bicycles 15, clothes 8 bags, prescription drugs 20 lbs, SCARCE 1 full van, oil 400 gallons, antifreeze 75 gallons, steel scrap 600 lbs, electronics 12 skids, eyeglasses 1 full box, hearing aids 20, flags 50
Itasca	River Sweep	Various	13	6 bags of trash, 2 tires, Springbrook Creek & Walden Stream, 1-2 miles covered

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Lisle	Stormwater Medallion Labeling Events	4-27-2022, 5-9-2022, 5-15-2022	12	Total of 68 medallions.
Lisle	River Sweep	5/21/2022	18	Total of 16 bags of trash. (Event rain)
Lombard	Lombard Pride Cleanup of bike trails and parks	4/24/2022	330	40 trash bags
Lombard	DuPage River Sweep coordination with Glen Ellyn	5/21/2022	2	2 trash bags
Roselle	Clarke Environmental Volunteer Stream Cleaning	9/21/2022	8	Wetland Perimeter cleaned
Roselle	Clarke Environmental Volunteer Stream Cleaning	4/19/2023	8	Wetland Perimeter cleaned
Villa Park	Prairie Path Cleanup (Fun Committee)			
Warrenville	Arbor Day	4/30/2022	100	200 trees given away
West Chicago	Adopt a Highway Cleanup - Environmental Commission (North Avenue Rt 64)	10/8/22	5	This has not been tracked in the past but will for future events
West Chicago	Adopt a Highway Cleanup - Ball Horticultural Company (Roosevelt Road Rt 38)	10/07/22	8	This has not been tracked in the past but will for future events
West Chicago	Adopt a Highway Cleanup - West Chicago Garden Club (Hawthorne Lane)	10/22/2022	22	This has not been tracked in the past but will for future events
Westmont	River Sweep	5/21/2022	15	
Westmont	Storm Drain	6/4/2022	12	
Wheaton	Prairie Path Cleanup	4/23/2022	106	60 bags of trash and 30 bags of recycle collected
Wheaton	Native plant sale	4/23/2022	309	Over \$19,000 of plants sold
Wheaton	Electronics Recycling	4/11/2022	10	200 Bulbs, 20 gallons of Oil
Wheaton	Adopt a Highway	7/16/2022	4	5 bags of trashed collected
Wheaton	Electronics Recycling	8/13/2022	13	200 Bulbs, 15 gallons of Oil

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Wheaton	Electronics Recycling	7/9/2022	11	100 Bulbs, 10 gallons of Oil
Wheaton	Electronics Recycling	9/10/2022	11	10 smoke alarms, 30 gallons of Oil
Wheaton	Electronics Recycling	10/8/2022	11	100 Bulbs, 5 gallons of Oil
Wheaton	Adopt a highway	10/22/2022	7	10 bags of trashed collected
Wheaton	Electronics Recycling	11/12/2022	11	500 Bulbs, 5 gallons of Oil, 6 smoke alarms
Wheaton	Pumpkin Smash event	11/5/2022		4 tons of pumpkins composted
Wheaton	Electronics Recycling	1/14/2023	14	200 Bulbs, 25 gallons of Oil
Wheaton	Electronics Recycling	2/11/2023	12	200 Bulbs, 15 gallons of Oil, 12 smoke alarms
Winfield Township	Roadside garbage pick-up	4/1/2022-10/1/2023	8	varies
Winfield	Earth Day Prairie Path Clean-up	4/23/2022		
Winfield	2022 West Branch of the DuPage River Sweep	5/21/2022	5	
Winfield	Arbor Day Event	4/29/2022	30	Planted one tree
Woodridge	DuPage River Sweep	5/5/2022		

B3. Stakeholder Meeting

Goal:

DSCSM hosts regular water quality stakeholder meetings in the form of workshops in each of the main watersheds to address matters pertaining to pollutant reduction on a watershed level. These have largely moved to a virtual format and are now available to all members of the public throughout all watersheds. In addition, watershed stakeholder meetings are held to gather input on water quality impairments as part of watershed planning efforts.

Milestone:

Participate in or organize 3 water quality stakeholder meetings per year.

Status:

The Covid-19 pandemic required moving stakeholder meetings to a virtual platform. On a virtual meeting platform, we were able to open all workshops to all members of the public in all watersheds. Attendance at

each workshop was increased in the virtual format and we plan to continue hosting virtual workshops in the future in addition to in-person events once public health recommendations allow.

Agency	Outreach	Date	Location	# of Attendees	Involvement
DuPage County	"Non-Point Source Phosphorus Reduction Study" Webinar	3/10/2022	Virtual	~100	Host, Sponsor
DuPage County	"Green Infrastructure Plant Selection & Design Tool" Webinar	4/14/2022	Virtual	~100	Host, Sponsor
DuPage County	"7 Steps to Tree Survival in Stormwater Projects" Webinar	5/12/2022	Virtual	~100	Host, Sponsor
DuPage County	"The Versatility of Compost to Capture, Clean and Divert Stormwater" Webinar	6/9/2022	Virtual	~100	Host, Sponsor
DuPage County	"Routine & Long-Term Maintenance for Detention Basins" Webinar	1/12/2023	Virtual	~200	Host, Sponsor
Downers Grove	Creating Landscapes for Birds and Butterflies: Invite Nature into Your Yard (Conservation Foundation)	4/13/2022			

B4. Public Hearing

Goal:

DCSM provides opportunity for public comment at countywide annual public meetings in order to reach all interested residents to provide input on the adequacy of its MS4 program, watershed plans, and projects. DCSM publicizes public meetings in conjunction with its education and outreach initiatives. Notice of public meetings is also distributed through co-permittee agencies.

Milestone:

Conduct one countywide public input meeting per year.

Status:

For the 2022-2023 reporting year, a countywide virtual public meeting space was created including an informational video and public comment portal. The virtual meeting space was open from February 7 to February 22, 2023. Information on the virtual meeting space and public comment portal was shared through a press release and posted on the County's website. The information was also shared through email with all co-permittees for additional distribution. During the comment period, a total of 12 comments were received. Comments were addressed through a public comment response document. Any comments from incorporated areas were shared with the respective municipalities.



DUPAGE COUNTY
NEWS RELEASE

421 N. County Farm Road Wheaton, Illinois 60187 630-407-6060

Website: WWW.DUPAGECOUNTY.GOV • Twitter: @dupagecounty • Facebook: DuPage County Board

For Immediate Release
Feb. 7, 2023

Contact: Mary Beth Falsey
630-407-6680

**DuPage County Stormwater Management Accepting Input on
Water Quality Program**

Wheaton – DuPage County Stormwater Management is currently accepting input on their Countywide Water Quality Program until Feb. 22.

The Countywide Water Quality Program includes a partnership of DuPage County and 41 municipalities and townships working together to meet water quality goals. Included within this partnership, the Illinois Environmental Protection Agency granted DuPage County Stormwater Management a countywide permit to meet federal water quality requirements, including:

- Public Education and Outreach on Water Quality Topics
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Erosion and Sediment Controls
- Post-Construction Best Management Practices for Water Quality
- Pollution Prevention and Good Housekeeping for Municipal Operations
- Water Quality Monitoring Program

A public comment portal has been created where visitors can view an informational video on DuPage County's Water Quality Program, download the complete program plan, and submit electronic comments. It can be found at

<https://www.dupagecounty.gov/waterqualitysurvey/>. Comments may be submitted electronically by visiting the link above, by email to water.quality@dupageco.org, or by mail to:

DuPage County Stormwater Management
Attn: Mary Beth Falsey
421 North County Farm Road

Water Quality Program Virtual Public Meeting



DuPage County Stormwater Management is providing this virtual public meeting space in accordance with DuPage County's National Pollution Discharge Elimination Systems (NPDES) Permit No. ILR40 from the Illinois Environmental Protection Agency (IEPA), which allows DuPage County and its municipalities to discharge stormwater into waterways. The NPDES permit requires County hold at least one meeting annually for the public to provide input on the countywide water quality program.

IEPA Permit No. ILR40 includes the following components:

- Public Education and Outreach on Water Quality Topics
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Erosion and Sediment Controls
- Post-Construction Best Management Practices for Water Quality
- Pollution Prevention and Good Housekeeping for Municipal Operations
- Water Quality Monitoring Program

[Detailed Stormwater Management Program Plan](#)

Public Comment

DuPage County residents and stakeholders are encouraged to view the brief presentation and provide comment through the portal below. The portal will be open for public comment from February 7 through February 22, 2023.

Name*

Email

Comment(s)

I'm not a robot  reCAPTCHA
Privacy - Terms

Submit

Additionally, the DuPage County Stormwater Management Planning Committee regularly holds monthly meetings on the first Tuesday of each month at 7:30 am. The DuPage County Stormwater Management Planning Committee is comprised of DuPage County Board Members and Municipal/ Community Members. At the beginning of each meeting, there is a public comment period which allows members of the public to provide input on the County's Stormwater program. The following Stormwater Management Planning Committee meetings were held during the reporting year:

- March 1, 2022
- April 5, 2022
- May 3, 2022
- June 7, 2022
- August 2, 2022
- September 6, 2022
- October 4, 2022
- November 1, 2022
- December 6, 2022
- January 3, 2023
- February 7, 2023

Official minutes and agendas for all meetings can be found at:

<https://dupage.legistar.com/Calendar.aspx>

B6. Program Involvement**Goal:**

DCSM coordinates educational and public involvement strategies. To gauge their effectiveness, DCSM develops and distributes surveys via an email list, webpage, and/ or on social media. These surveys gather feedback from recent outreach activities and measure citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, flood perceptions, and residential pollutant control.

Milestone:

Develop and disperse 1 survey per year.

Status:

DuPage County Municipal Engineers Discussion Group conducted a survey in order to plan future meeting agendas and format. The Municipal Engineers Discussion Group conducts monthly meetings with engineers and other representatives from DuPage County Municipalities as well as environmental and engineering consultants working in the area to facilitate discussion on stormwater topics. As Covid guidelines lessened, the group evaluated potential to hold meetings again in-person. The group decided to continue to hold most meetings virtually, but also have some in-person meetings throughout the year. Additionally, an idea to hold occasional field trips was developed as a result of the survey.

C. Illicit Discharge Detection and Elimination

C1. Storm Sewer Map Preparation

Goal:

Partner agencies provide a current storm sewer atlas to the DCSM. DCSM will collect, compile, and field verify storm sewer maps from partner agency data to create a comprehensive storm sewer atlas of the partnership area (the municipal limits of all participating MS4s). The partner agencies will provide the DCSM with annual updates of the storm sewer atlas.

Milestone:

Complete the storm sewer atlas for 85% of DuPage County.

Status:

DuPage County Stormwater staff continues to work with townships, municipalities, and other county departments to update the storm sewer atlas with current storm sewer locations. Currently, 85% of communities are mapped within the county's GIS. The following updates were completed within the reporting year:

Agency	Date
Illinois Tollway- Updated Data	2022

During the 2022 reporting year, DuPage County Stormwater continued to combine all storm sewer data for the county into one comprehensive GIS database. Combining each agency's data into one comprehensive layer will simplify tracing and spill response within DuPage County. Staff began creating a standard attribute set for the County in 2017 and continued to work with DuPage County Department of Transportation throughout 2022 on combining all data into a comprehensive layer.

C2. Regulatory Control Program

Goal:

Each co-permittee has enacted an Illicit Discharge Detection and Elimination (IDDE) Ordinance which regulates non-stormwater discharges to the Municipal Separate Storm Sewer System. DCSM enforces IDDE violations within unincorporated DuPage County and the Townships. Municipalities are responsible for enforcement within their limits. DCSM notifies the municipality when an illicit discharge is detected within municipal limits. DCSM informs the municipality of the location of the illicit discharge, the time(s) and date(s) of the discharge, and any additional information that would be necessary or prudent for the Municipality to have in order to

carry out enforcement proceedings. DCSM provides municipalities with information required for enforcement action and prosecution and produces DCSM personnel in court, as necessary and upon adequate notice.

Milestone:

Review and amend the Ordinances, as needed to reflect new information and regulations.

Status:

The Illicit Discharge Detection and Elimination (IDDE) Ordinance was approved by the DuPage County Stormwater Management Planning Committee and County Board in May 2009. Following approval, the IDDE Ordinance was added to the DuPage County Code as Chapter 16. In January 2021, the DuPage County Stormwater Management Committee and County Board approved an amendment to the DuPage County IDDE Ordinance to mirror the numbering system and language used in the DuPage County Code standard Municode system. The provisions of the IDDE Ordinance did not change. No amendments were made during the 2022-2023 reporting period.

C3. Detection/Elimination Prioritization Plan**Goal:**

DCSM compiles information pertaining to the ten-step prioritization plan identified in the DuPage County IDDE Program Technical Guidance. Major watersheds for which outfalls have been prioritized.

Milestone:

Review priority outfalls countywide.

Status:

Priority outfalls reviewed and field verified.

Priority outfalls within each watershed:

Salt Creek: 96

East Branch DuPage River: 147

West Branch DuPage River: 102

Des Plaines and Fox River: 7

C4. Illicit Discharge Tracing Procedures**Goal:**

Follow guidelines in the IDDE Program Technical Guidance manual to trace illicit discharges. Update the manual to reflect new techniques and practices.

Milestone:

Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and update the manual as needed.

Status:

DuPage County Stormwater Management staff monitored all priority outfalls within the county. Staff also responded to complaints regarding illicit discharges. Any suspected illicit discharges were traced to their source when applicable and removal of the discharge was completed through use of the IDDE Technical Guidance Manual protocols.

Date	Municipality	Issue	Outcome
3/11/2022	Addison	Leaking Underground Storage Tank	Staff verified the tank was self-contained and no release offsite or into waterways
3/16/2022	Naperville	Cooking oil spill	Staff verified proper cleanup and no release into storm sewers or waterways
4/4/2022	West Chicago	Jet fuel spill	Staff placed absorbent booms in storm drains and monitored outflow. Staff inspected downstream areas to verify no release into waterways.
4/12/2022	Winfield	Paint thinner spill	Environmental cleanup company performed tracing and remediation. Staff inspected downstream areas to verify no release into waterways
4/12/2022	Unincorporated	Leaking Underground Storage Tank	Staff verified no release offsite or into waterways
4/13/2022	Aurora	Used motor oil spill	Several local fire departments responded to the site to deploy oil booms and containment booms. An environmental cleanup company was contracted to complete remediation. Stormwater Management staff was onsite to oversee cleanup and reported findings to IEPA.
4/21/2022	Bensenville	Adhesive spill	Staff verified proper cleanup and no release into storm sewers or waterways.
4/22/2022	Addison	Release of chrome plating solution	Stormwater Management staff verified no release into storm sewers or waterways. Chrome plating solution dried upon contact with surfaces. Village of Addison oversaw remediation of surfaces.
5/10/2022	West Chicago	Used motor oil spill	Staff verified proper cleanup and no release into storm sewers or waterways.

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5/11/2022	Clarendon Hills	Diesel fuel spill	Stormwater staff met IEPA onsite to assist with tracing and oversight of containment and remediation. Staff coordinated with communities to inspect storm sewer systems to determine the limit of downstream impacts
5/19/2022	Carol Stream	Leaking Underground Storage Tank	Staff verified no release offsite or into waterways.
7/2/2022	Downers Grove	Transformer oil spill	Com Ed dispatched a cleanup company to perform remediation once the fire was put out. Staff inspected to ensure proper cleanup, no release offsite, and IEPA was notified.
7/12/2022	Lisle	Fish kill	Stormwater Management staff investigated and determined that the fish kill was not caused by pollutants.
7/15/2022	Unincorporated Glen Ellyn	Soapy water discharging into storm sewer system	Stormwater staff issued a Notice of Violation to homeowner. Homeowner connected sink to sanitary line.
7/25/2022	Addison	Liquid soap spill	Stormwater Management staff coordinated with IEPA, Addison, IDOT, and the cleanup contractor.
8/4/2022	Burr Ridge	Fish kill	Stormwater Management staff investigated and determined that the fish kill was not caused by pollutants.
8/9/2022	Glen Ellyn	Fish kill	Stormwater Management staff investigated and determined that the fish kill was not caused by pollutants
10/21/2022	Lisle	Hydraulic fluid spill	Stormwater Management and Village of Lisle staff inspected to verify proper cleanup and no release offsite or into waterways.
10/21/2022	Unincorporated	Leaking Underground Storage Tank	Staff verified no release offsite or into waterways and that there was no release beyond the immediate tank area.
10/24/2022	Wheaton	Hydraulic fluid spill	Stormwater Management staff oversaw the cleanup and reported to the IEPA.
11/18/2022	Glen Ellyn	Leaking Underground Storage Tank	Staff verified no release offsite or into waterways and that there was no release beyond the immediate tank area.
11/27/2022	Unincorporated Roselle	Motor oil spill	Stormwater staff placed booms in the ditch and across a culvert to protect the wetland area. The responsible party hired an environmental cleanup company to complete the remediation

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11/28/2022	Woodridge	Diesel fuel spill	Spill containment and remediation were coordinated by the responsible party and the Illinois Tollway. Stormwater Management staff verified no release offsite or into waterways.
1/16/2023	Glendale Heights	Leaking Underground Storage Tank	Staff verified no release offsite or into waterways and that there was no release beyond the immediate tank area.
1/20/2023	Burr Ridge	Detergent spill	Burr Ridge and County staff traced the discharge over a mile through the storm sewer system, but a specific source could not be identified. Concluded to be a one-time spill on the roadway. IEPA and effected communities were notified of the incident.
1/23/2023	Westmont	Diesel fuel spill	Remediation was conducted by an environmental cleanup company. Staff verified no release into storm sewers or waterways.
1/25/2023	Addison	Leaking Underground Storage Tank	Staff verified no release offsite or into waterways and that there was no release beyond the immediate tank area.
2/2/2023	Wheaton	Oil spill	Staff quickly responded and cleaned up the spill using oil-dri, preventing any release into storm sewers or waterways.
2/9/2023	Burr Ridge	Pigment spill	An environmental cleanup company contained the spill and conducted remediation. The source of the spill was determined to be from a leaking trash compactor. Stormwater staff verified no release into storm sewer system or waterways.
2/21/2023	Carol Stream	Oil spill	The outlet drains over 150 acres, and no definitive source could be located. Oil booms remained in place until all oil absorbed. The Village will work with upstream businesses on improvements to their Stormwater Pollution Prevention Plan to prevent future incidents. Staff reported findings to the IEPA.

C5. Illicit Source Removal Procedures

Goal:

The number of advertisements or promotions of the IDDE reporting phone line or Citizen Reporter App.

Milestone:

Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and events.

Status:

DuPage County staff maintains the “Citizen Reporter App” which provides citizens the opportunity to participate in the water quality program by identifying areas for water quality improvements. By using the app, citizens can report water quality issues such as erosion, stream blockages, algae, dumping, sediment, garbage, and other water quality issues. The Citizen Reporter App can be accessed at:

<https://gis.dupageco.org/CitizenReporter/>

County staff has created 22 brochures and flyers for distribution as discussed earlier in the education and outreach section of this report. Many of these include a link to the Citizen Reporter App. These publications are distributed at each event the County attends as an exhibitor (also discussed in education and outreach section). These documents are available on our website at:

https://www.dupagecounty.gov/government/departments/stormwater_management/water_quality/outreach_materials.php

From March 1, 2022, through February 28, 2023, a total of 22 reports were received through the Citizen Reporter App. Reports included observations on sediment, stream blockages, garbage, and other water quality concerns. Reports are addressed directly by DCSM staff, forwarded to municipalities, or used for planning purposes as appropriate.

C7. Visual Dry Weather Screening

Goal:

The number of MS4 outfalls visually screened per watershed per year.

Milestone:

Inspect, during dry weather, all priority outfalls within co-permittee jurisdictional areas.

Status:

Priority outfalls from throughout the county were the focus for the 2022 season. 352 outfalls were visually inspected for illicit discharges. DuPage County staff continued using the ESRI Arc Collector app for outfall

inspections. This allows us to track outfall inspections digitally, eliminating the need for paperwork. Outfall inspection and testing information is entered directly into the database, which is also linked to the outfall map. The storm sewer inventory has also been converted into the Arc Collector app. This allows staff to view the storm sewer atlas on a tablet or smartphone, which increases efficiency in illicit discharge tracing.

Kayaks increased outfall monitoring efficiency along the main stem of Salt Creek and the East Branch DuPage River. Observing outfalls from the water proved much faster and safer than driving and hiking to the riverbank. In addition, observers were able to record river conditions that are not visible when inspecting outfalls from the shoreline.

C8. Pollutant Field Testing

Goal:

Number of visually suspect dry weather discharges that are chemically tested.

Milestone:

Chemically test all visually suspect dry weather discharges that are observed.

Status:

None of the 352 outfalls monitored in 2022 were releasing a suspect discharge and sampled. Any outfalls with flow had no observable indication of illicit discharges, such as color, odor, turbidity, or floatables. Of the 147 outfalls monitored in the East Branch DuPage watershed, 7 had non-suspicious discharge. Of the 96 outfalls monitored in the Salt Creek watershed, 5 had non-suspicious discharge. Of the 102 outfalls monitored within the West Branch DuPage watershed, 7 had non-suspicious discharge. Finally, none of the 7 outfalls monitored within the Fox or Des Plaines watersheds had any discharge.

C9. Public Notification

Goal:

In the event of a large-scale release of pollutants to Waters of the State that has potential for human health impacts, DCSM will work with Emergency Management officials to notify affected community officials as well as issue a press release.

Milestone:

Notify affected parties in the event of a large-scale release of pollutants into Waters of the State that has potential health impacts.

Status:

No large-scale release of pollutants into Waters of the State with potential health impacts occurred from the permit area during the monitoring year. DuPage County and co-permittees collaborated on response and notification to downstream communities during the following incidents:

On May 11, 2022, DCSM was notified by DuPage County Office of Emergency Management of a release of diesel fuel caused by a train collision with a truck in Clarendon Hills. Fuel entered a storm sewer and was released into a tributary of Flagg Creek. Stormwater staff met IEPA onsite to assist with tracing and oversight of containment and remediation. Staff coordinated with communities to inspect storm sewer systems to determine the limit of downstream impacts. Downstream communities were notified of the event and collaborated on inspection of downstream areas to determine the limits of the spill. An environmental cleanup company was contracted to complete remediation. Staff inspected the site over several days to observe cleanup activity and reported findings back to IEPA.

On January 19, 2023, DCSM staff received a report from the Village of Burr Ridge regarding a large amount of suds in Flagg Creek. Staff met onsite with Burr Ridge and tested the water to confirm the presence of detergents. Burr Ridge and County staff traced the discharge over a mile through the storm sewer system, but a specific source could not be identified. Concluded to be a one-time spill on the roadway. IEPA and downstream communities were notified of the incident.

D. Construction Site Runoff Control

D1. Regulatory Control Program

Goal:

Update the Ordinance as needed to ensure that sediment and erosion control provisions are up to date and reflect the current best practices

Milestone:

Review and update, if necessary, the Ordinance to reflect current best practices for soil erosion and sediment control

Status:

Article VII of the DuPage County Stormwater and Flood Plain Ordinance outlines sediment and erosion control requirements. No revisions were made to Article VII during the reporting year. Co-permittees within DuPage County follow the Countywide Ordinance. Those MS4s whose boundaries fall outside the DuPage County limits may follow County or municipal Ordinances, all of which must be as stringent as the ILR40 soil erosion and sediment control regulations at a minimum.

D2. Erosion and Sediment Control BMPs**Goal:**

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires temporary and permanent soil erosion and sediment control for developments over one acre to prevent the discharge of pollutants into waterways. Number of development sites over one acre requiring soil erosion and sediment control.

Milestone:

Require sediment and erosion control on 100% of development sites over one acre.

Status:

DuPage County co-permittees have enacted the construction site erosion control and post-construction best management practice regulations of the DuPage County Countywide Stormwater and Flood Plain Ordinance or regulations at least as stringent as those in the DuPage County Ordinance. Municipalities elect to have DuPage County review development permits on their behalf (non-waiver community) or waive the County review and perform these reviews in house by qualified staff (complete waiver community) or defer to the County for certain development reviews such as those involving floodplain or wetlands (partial waiver community). The waiver status of each co-permittee is listed below. DuPage County reviews all site development permits in Unincorporated DuPage County which includes the Townships. Communities whose jurisdictions extend beyond the DuPage County limits may opt-in entirely to the DuPage County Stormwater Ordinance, opt-out into the neighboring county's regulations, or enforce both county's regulations.

During the reporting year, each co-permittee that issued development permits required soil erosion and sediment control for sites over one acre (and in many cases all size developments) to minimize the discharge of pollutants into waterways. Records are kept within each regulatory agency office.

MUNICIPALITY	ILR40 Permit #	Co-Permittee Bureau ID	DuPage County Stormwater Ordinance Waiver Status
DUPAGE COUNTY	0502		Non- waiver
ADDISON	0227	W0430050072	Complete
ADDISON TWNSP	0001	W04308000007	n/a
BARTLETT	0286	W0434120001	Partial
BENSENVILLE	0292	W0434140002	Partial
BLOOMINGDALE	0295	W0430100001	Complete
BLOOMINGDALE TWNSP	0013	W0430100006	n/a
BURR RIDGE	0304	W0434190001	Partial
CAROL STREAM	0308	W0430200001	Complete
CLARENDON HILLS	0175	W0430250001	Partial

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DARIEN	0180	W0430270008	Partial
DOWNERS GROVE	0183	W0430300003	Complete
DOWNERS GROVE TWNSP	0040	W0430300034	n/a
ELMHURST	0187	W0430350017	Partial
GLEN ELLYN	0199	W0430450013	Complete
GLENDALE HEIGHTS	0342	W0430400001	Partial
HANOVER PARK	0347	W0314480002	Partial
HINSDALE	0355	W0434520004	Partial
ITASCA	0360	W0430500013	Partial
LEMONT	0497	W0314620023	Non- waiver
LISLE	0376	W0430550005	Partial
LISLE TWNSP	0079	W0430550017	n/a
LOMBARD	0378	W0430600009	Partial
MILTON TWNSP	0086	W0438040016	n/a
NAPERVILLE	0396	W0434670044	Partial
NAPERVILLE TWNSP	0092	W0434670028	n/a
OAK BROOK	0407	W0434700009	Complete
OAKBROOK TERRACE	0232	W0430750005	Partial
ROSELLE	0437	W0434820003	Partial
VILLA PARK	0463	W0438080026	Complete
WARRENVILLE	0274	W0430830006	Complete
WAYNE	0500	W0438060012	Partial
WAYNE TWNSP	0149	W0438060013	n/a
WEST CHICAGO	0466	W0430900052	Partial
WESTMONT	0254	W0430950001	Partial
WHEATON	0470	W0431050004	Partial
WILLOWBROOK	0255	W0431100002	Complete
WINFIELD	0474	W0431150027	Partial
WINFIELD TWNSP	0155	W0431150008	n/a
WOOD DALE	0478	W0431200002	Complete
WOODRIDGE	0480	W0431250002	Complete
YORK TWNSP	0159	W0438080007	n/a

D4. Site Plan Review Procedures

Goal:

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires a Stormwater Permit for developments over a certain threshold of site disturbance as well as developments in wetlands, buffers, and floodplain. All development permits are reviewed for soil erosion and sediment control. The County and Municipal permit partners have successful regulatory permitting programs under the DuPage County Countywide Stormwater and Flood Plain Ordinance and will continue to implement and update these programs as necessary.

Milestone:

Review soil erosion and sediment control plans for 100% of development permits over one acre.

Status:

All co-permittee MS4s with development permit review authority reviewed soil erosion and sediment control plans for 100% of development permits over once acre (and in many cases all size developments). Records are kept within each regulatory agency office.

D5. Public Information Handling Procedures

Goal:

DuPage County Citizen Reporter App allows residents throughout the partnership area to report water quality issues, including soil erosion and sediment control complaints. The County addresses complaints within unincorporated and non-waiver areas. Complaints generated from Full Waiver or Partial Waiver Communities are forwarded to the Municipality. The County and Municipalities also receive and respond to soil erosion and sediment control concerns sent directly from the public through phone and email reports. Number of soil erosion and sediment control reports addressed per year.

Milestone:

Investigate and track all soil erosion and sediment control reports to the County and Municipalities each year.

Status:

Reports regarding soil erosion and sediment control from developments are submitted to the County as well as municipalities. Co-permittees communicate with one another to share reports and locate possible sources from development sites. All soil erosion and sediment control complaints were investigated by the County or the municipality during the reporting year. Records are kept within each regulatory agency office.

D6. Site Inspection/ Enforcement Procedures

Goal:

Inspect all development sites to ensure the soil erosion and sediment control requirements are being met. County and Municipal inspectors enforce soil erosion and sediment control regulations and conduct regular inspections to ensure compliance. Inspection reports are kept within each regulator agency for tracking and reporting purposes.

Milestone:

Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion and sediment control inspections.

Status:

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites for soil erosion and sediment control, or they may elect to defer oversight to DuPage County. Each co-permittee that issued development permits inspected for soil erosion and sediment control measures at sites over one acre (and in many cases all size developments) to minimize the discharge of pollutants into waterways. Records are kept within each regulatory agency office.

E. Post- Construction Runoff Control

E2. Regulatory Control Program

Goal:

The post construction runoff rate is restricted through the Countywide Ordinance which requires all developments increasing impervious area by 2,500 square feet or more to include Post Construction Best Management Practices. Continue to require post construction best management practices in accordance with the Countywide Ordinance. Implementing and utilizing the DuPage County BMP Manual will reduce post construction runoff pollutants and will ensure discharge from developed sites will be treated.

Milestone:

Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.

Status:

The DuPage County Countywide Stormwater and Floodplain Ordinance (DCCSFO) is continually reviewed to determine if updates are needed. As the DCCSFO is a countywide ordinance, the regulations apply to the entire county and all municipalities must be at least as stringent as the DCCSFO. Following review and

discussions, staff determined the BMP section of the DCCSFO will require an update. This revision is being discussed and evaluated with cooperation from co-permittee agencies.

A subgroup to the DuPage County Municipal Engineers group was created to provide technical assistance and guidance materials. This subgroup generated sample specifications for a dry well, permeable paver system, and rain garden which has been made available online. The samples are used as a template for the design of these practices on residential properties. The group continues developing inspection checklists for long term maintenance and monitoring.

The City of Warrenville enacted a Coal Tar Ban Ordinance on January 1, 2023. This bans use of coal tar sealants on asphalt surfaces in the Village. This Ordinance will help to improve the water quality in streams by eliminating this source of urban pollutants from developed areas within the Village limits.

E3. Long Term O&M Procedures

Goal:

The Countywide Ordinance requires site runoff storage facilities to be put into an easement. All Post Construction BMPs with a tributary area greater than one (1) acre require a three-year maintenance and monitoring period. Require and accept easements over site runoff storage facilities and maintenance and monitoring periods for BMPs with a tributary area of one acre or more.

Milestone:

Continue to enforce easements and maintenance/ monitoring periods as required in the Countywide Stormwater Ordinance.

Status:

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites, or they may elect to defer oversight to DuPage County. Each co-permittee that issued development permits required easements over site runoff storage facilities and required three-year maintenance and monitoring periods for BMPs on sites with a tributary area of over one acre (and in many cases all size developments) to minimize the discharge of pollutants into waterways. Records are kept within each regulatory agency office.

E4. Pre-Construction Review of BMP Designs

Goal:

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires developments to provide post construction BMPs when impervious cover thresholds exceed 2500 square feet. The DuPage County BMP

Manual provides guidance on the design and implementation of development practices that prevent stormwater quality degradation and enhance the overall quality of stormwater. The BMP Manual promotes and gives guidance on the installation of vegetated filter strips, vegetated swales, infiltration systems, permeable pavers, manufactured structures, and stormwater detention BMPs such as dry detention basins, wet detention basins, constructed wetland detention basins, and underground detention basins.

Milestone:

Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews

Status:

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites, or they may elect to defer oversight to DuPage County. Current waiver status is shown in the table in Section D.2. Each co-permittee that issued development permits required post construction BMPs on sites when impervious cover thresholds exceeded 2500 square feet (or less in some communities). Permit records are kept within each reviewing agency.

E5. Site Inspections During Construction**Goal:**

DuPage County Stormwater provides annual training opportunities for all co-permittee staff and contractors to ensure that all employees and contractors who manage or are directly involved in routine maintenance, repair, or replacement of public surfaces in current green infrastructure or low impact design techniques applicable to such projects to ensure that they are able to identify proper BMP installation during construction. Each co-permittee shall keep internal records of staff and contractor training.

Milestone:

Appropriate staff and contractors of each co-permittee shall attend training on green infrastructure and low impact design.

Status:

Green Infrastructure Maintenance training was moved to a virtual format starting in 2020 due to Covid-19 social distancing guidelines. This format was continued into the 2022-2023 reporting year. As DCSM has hosted and recorded a suite of webinars on Green Infrastructure Maintenance in recent years, these recorded trainings were compiled and shared with staff and co-permittees to watch as a refresher.

Green Infrastructure Maintenance Staff Training Links

Recorded Webinars

- Routine & Long-Term Maintenance for Detention Basins
<https://www.youtube.com/watch?v=4Kqgww8k0Xk>
- 7 Steps to Tree Survival in Stormwater Projects
<https://www.youtube.com/watch?v=DIqjmF0wJ8E>
- Green Infrastructure Plant Selection & Design Tool
<https://www.youtube.com/watch?v=BcphRnZLwpo>
- Beyond the Basics 2022- Weathering the Storm: Building Resilient Communities Through Design
<https://www.youtube.com/watch?v=PmqaNQJE8Uo>
- Green Infrastructure Maintenance: It Can be Successful!
<https://www.youtube.com/watch?v=-WhoUrjZJxg>
- Arlington Reservoir Retrofit & Maintenance
<https://www.youtube.com/watch?v=N7JYf2TNkbM>
- Living Architecture: Green Roofs, Living Walls & More
<https://www.youtube.com/watch?v=naHAAllmu8s>
- Lessons from the Red Oak Rain Garden
<https://www.youtube.com/watch?v=cj9XpcYuO6w&t=939s>
- Green Infrastructure for MS4 Communities
<https://www.youtube.com/watch?v=MtBHnvDw3q4>
- Green Infrastructure for MS4 Communities" Webinar #2
<https://www.youtube.com/watch?v=3JM2GXIXFsg>
- Detention Basins: Going Native
<https://www.youtube.com/watch?v=F345O4rI7eU>

Short Videos

- Native Plant Management for MS4 Communities
<https://www.youtube.com/watch?v=mCTZdbzmsZk>
- Maintaining Permeable Pavers for MS4 Communities
<https://www.youtube.com/watch?v=lZTXyIRUKto>

Records of Green Infrastructure Maintenance staff training are kept internally by each co-permittee.

Green Infrastructure Maintenance webinars can also be found on the DuPage County Stormwater Love Blue Live Green YouTube page <https://www.youtube.com/user/lovebluelivegreen/videos>.

E6. Post-Construction Inspections

Goal:

Conduct post construction inspections at sites containing BMPs with a native vegetation component for the duration of the establishment period or until performance standards are met. The number of post construction inspections performed per year on sites containing native vegetation BMPs during the establishment period.

Milestone:

Inspect 100% of sites containing native vegetation BMPs during the establishment period.

Status:

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites for post construction BMPs, or they may elect to defer oversight to DuPage County. Co-permittees can delegate this role to DuPage County, complete it with in house staff, or hire a consultant to complete the work. Records are kept within each regulatory agency office.

F. Pollution Prevention/ Good Housekeeping

F1. Employee Training Program

Goal:

Staff members attending training on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system.

Milestone:

Appropriate staff of each co-permittee shall attend training on pollution prevention in municipal operations. Ensure new staff are trained in best practices and good housekeeping.

Status:

Pollution Prevention training was moved to a virtual format starting in 2020 due to Covid-19 social distancing guidelines. This format was continued into the 2022-2023 reporting year. As DCSM has hosted and recorded a suite of webinars on Pollution Prevention in municipal operations in recent years, these recorded trainings were compiled and shared with staff and co-permittees to watch as a refresher.

Pollution Prevention Recorded Training Links

Recorded Webinars

- Water Quality Outreach: Lawncare, Leaves, Winter Tips & Pet Waste
<https://www.youtube.com/watch?v=9i73SPkxHrU>
- Pollution Prevention for MS4 Communities Webinar
<https://www.youtube.com/watch?v=F2QY2hJtTT8&t=2s>
- Pollution Prevention for MS4 Communities Webinar #2
<https://www.youtube.com/watch?v=gifPStsOVpQ>
- Doing Your Part for Earth Day
<https://www.youtube.com/watch?v=cj4EX0SOmTs>
- Facility Pollution Prevention for MS4 Communities
<https://www.youtube.com/watch?v=KVEcEIjN96g>
- Field Program Pollution Prevention for MS4 Communities
<https://www.youtube.com/watch?v=yoynIQWHw1k>

Short Videos

- Managing Leaves for MS4 Communities
https://www.youtube.com/watch?v=3iDO0Fh_PCM
- Spill Cleanup
<https://www.youtube.com/watch?v=CTAgNF52qQA>
- Construction Sites
<https://www.youtube.com/watch?v=EYi55Agh2K4>
- Painting
https://www.youtube.com/watch?v=xotigkj5_NM
- Salt Storage
https://www.youtube.com/watch?v=4RHVIkb_Yf8
- Impacts of Pollutants on Streams
<https://www.youtube.com/watch?v=MKuPNdnjhq0>
- Managing Grass Clippings
<https://www.youtube.com/watch?v=xw1cEEgd7-Q>
- Catch Basin Maintenance
<https://www.youtube.com/watch?v=TNJULlrP8b4>
- Street Sweeping
<https://www.youtube.com/watch?v=Vv3Hvb1sNhM>
- Fuel and Oil Storage & Handling
<https://www.youtube.com/watch?v=XUYBKUAUPSI>
- Chemical Storage & Handling
<https://www.youtube.com/watch?v=s7matcnZuEM>

Records of Pollution Prevention staff training are kept internally by each co-permittee.

Pollution Prevention webinars can also be found on the DuPage County Stormwater Love Blue Live Green YouTube page <https://www.youtube.com/user/lovebluelivegreen/videos>.

During the reporting period March 1, 2022, to February 28, 2023, six (6) chloride reduction workshops were held. The workshops were held in a webinar format allowing the groups to collaborate and host the workshops jointly. The workgroup staff for the DRSCW, LDRWC, Lower Des Plains Watershed Group (LDWG) and Chicago Area Waterways Chloride Workgroup (CAWCW) collaborated with staff from Lake County DOT and Health Dept. to coordinate the workshops. Registration was made available to agencies over a wide area of northeastern Illinois resulting in staff attending from Boone, Cook, DuPage, Kane, Lake, Will, and Winnebago counties, as well as Milwaukee, WI. A list of attendees of the Public Roads Deicing Workshop (by County) is included in Attachment 1 and attendees of the Parking Lots & Sidewalks Deicing Workshop (by County) is included in Attachment 2.

Public Roads Deicing Workshops were held on September 27, October 5, October 6, and October 12, 2022. Staff from Bolton-Menk, Inc. (formerly at Fortin Consulting, Inc.) from Minnesota were engaged to present the material. A registration fee was required per agency in order to view the webinar. The links were shareable within an agency. A survey was provided at the end of each webinar to those who had signed in asking for the number of attendees from each agency and for an evaluation of the workshop. The survey results indicated that a minimum of 644 persons attended the four Public Roads workshops. Certificates of attendance were provided to those who requested them. A link to the *Minnesota Snow and Ice Control: Field Book for Snowplow Operators* was provided to each registrant.

The Parking Lot and Sidewalk Deicing Workshop webinars were held on September 29 and October 11, 2022, with Bolton-Menk, Inc. presenting. The survey results indicated that there was a minimum of 262 persons who viewed the webinars. Certificates of attendance were provided to those who requested them. The surveys provided an opportunity to provide an evaluation on the webinars. A link was sent to each registrant for the *Minnesota Pollution Control Agency Winter Parking Lot & Sidewalk Maintenance Manual*.

F2. Inspection and Maintenance Program

Goal:

DSCSM provides guidance materials on good housekeeping for municipal operations. Each co-permittee has developed specific inspection and maintenance procedures for equipment and facilities. Each co-permittee is responsible for ensuring that equipment and facilities are inspected and maintained during day-to-day operations to minimize discharge of pollutants into Waters of the State.

Milestone:

Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of pollution in stormwater.

Status:

Co-permittees oversaw their day-to-day activities in accordance with best practices to minimize pollutants into waterways. Records are kept internally within each office and are available upon request. DCSM created a Quarterly Facility Inspection Checklist and distributed to all co-permittees for use in these inspections.

F3. Municipal Operations, Stormwater Control**Goal:**

Co-permittees have each developed their own schedules for street sweeping as well as storm sewer inspection, clean-out, and maintenance. A standard minimum schedule will be developed for partner agencies.

Milestone:

Evaluate street sweeping, storm sewer inspection, clean-out, and maintenance schedules. Review MS4 procedures to identify areas for improvement.

Status:

A street sweeping and leaf litter practices survey was conducted by the DRSCW in April 2021. The survey received 55 responses from municipalities, township and agencies.

Additionally, a storm sewer maintenance survey was conducted by DCSM in January and February 2022 and received 34 responses from municipalities and townships.

In the 2022- 2023 reporting year, staff evaluated responses to the storm sewer maintenance survey and street sweeping survey. A baseline of current practices was established. In the 2023-2024 reporting year, DCSM will begin working to develop best management practices and recommendations to share with MS4s. These practices will be focused on reducing pollutant loadings and maintaining flow and functionality of stormwater infrastructure.

DuPage County Stormwater maintains educational videos for MS4 staff on Street Sweeping and Catch Basin Maintenance.

<https://www.youtube.com/watch?v=Vv3Hvb1sNhM>

<https://www.youtube.com/watch?v=TNJULlrP8b4>

F4. Municipal Operations Waste Disposal**Goal:**

Following storm sewer maintenance and cleanout activities, waste must be properly disposed of. DuPage County Public Works offers a Regional Vector Receiving Station. The station is part of a shared services

initiative. It reduces the cost of disposal of public works waste and aims to keep pollutants out of area water supplies. The station processes the debris collected by public works and transportation vacuum tanker trucks. The waste is then separated into liquids and solids. The liquids are treated through the county's wastewater treatment facility, while the solids are dried and eventually transferred to the garbage dump.

Milestone:

Co-permittees shall properly dispose of waste generated from storm sewer maintenance and cleanout. Continue to offer disposal facilities such as the Regional Vector Receiving Station.

Status:

During the reporting year, co-permittees continued current practices to properly dispose of waste generated from storm sewer maintenance and cleanout. DuPage County continued to offer disposal facilities such as the Regional Vector Receiving Station.

F5. Flood Management/ Assess Guidelines**Goal:**

The number of completed watershed plans, or components thereof, approved by the Stormwater Management Planning Committee and County Board per year.

Milestone:

Complete or implement one watershed plan

Status:

During the reporting year, the following watershed plans were completed and/or approved by the Stormwater Management Planning Committee and County Board:

Watershed Plan	Status	Date
Wards Creek Watershed-Based Plan	Approved by DuPage County Stormwater Management Planning Committee and County Board	March 8, 2022

During the reporting year, the following water quality projects were completed. These projects contributed to the implementation of previously completed Watershed-Based Plans.

Project Name	Project Owner	Watershed- Based Plan	Project Type
Sugar Creek Restoration Project	Sugar Creek Golf Course	Salt Creek Watershed-Based Plan	Stream Restoration

Klein Creek Restoration	Village of Glendale Heights	Klein Creek Watershed-Based Plan	Stream Restoration
Klein Creek Stream Restoration	Village of Carol Stream	Klein Creek Watershed-Based Plan	Stream Restoration

F6. Other Municipal Operations Controls

Goal:

Evaluate and encourage pre-wetting and anti-icing measures to reduce chloride runoff into waterways from roads and public surfaces. Deployment and use of pre-wetting and anti-icing measures.

Milestone:

Evaluate existing pre-wetting and anti-icing practices.

Status:

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

- Winter Weather tracking and planning
- Behavior of commonly used deicing compounds
- Product and chemical alternatives
- Equipment calibration training
- Application Rates
- Equipment and salt application advancements
- Salt usage, storage and deicing best management practices
- Example salt use policies and management plans

The questionnaires also help identify topics for future workshops, and form suppositions about salt use per unit of service expended inside the program area relative to 2006 levels. Questionnaires were distributed in 2007, 2010, 2012, 2014, 2016, and 2018. They were sent to approximately 80 municipal highway operations and public works agencies. A new questionnaire was due to be distributed in 2022 but was not completed due to a need to rework elements of the questionnaire. It is now due to be issued in 2023.

SECTION C

Monitoring Data

DuPage County in partnership with the cooperating municipal and township permit holders listed in the cover letter have collected a substantial amount of information, including monitoring data, during the reporting period as members of the DuPage River Salt Creek Workgroup. Some co-permittees are also members of the Lower Des Plaines Watershed Group and/ or the Lower DuPage River Watershed Coalition.

Watershed Workgroup quality monitoring program is made up of two components: 1) Bioassessment and 2) DO monitoring. Monitoring data is included as an attachment to this report.

SECTION D

Proposed activities during the next reporting cycle:

During the next reporting cycle, the activities listed in the 2021 NOI will be implemented until a new ILR40 is issued by IEPA. Updated NOIs will be submitted as needed according to the latest ILR40 requirements.

SECTION E

Reliance on other government entities:

The co-permittees listed in the cover letter rely on established DuPage County programs to satisfy some of the General NPDES Permit No. ILR40 obligations for the six minimum control measures: Public Education and Outreach, Public Participation/ Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/ Good Housekeeping. Responsibilities of each entity are outlined in our Notice of Intent.

SECTION F

List of construction projects:

	Project Name
DuPage County Transportation	31st Street (Meyers Rd to York Rd)
DuPage County Transportation	75th Street (Millbrook to Greene)
DuPage County Transportation	Kress Road (Hawthorne Ln to IL 38)
DuPage County Transportation	Bloomington Rd at Geneva Rd Intersection Improvement
DuPage County Transportation	87th at Woodward Intersection Improvement
DuPage County Transportation	Kearny Road Pipe Replacement
DuPage County Transportation	Gary Avenue Traffic Signal Replacement (Geneva Rd to St. Charles Rd North)
DuPage County Transportation	Traffic Signal Mast Arm Replacement Project (Various Locations Countywide)
DuPage County Transportation	Retaining Wall Repair Program (Various Locations Countywide)
DuPage County Public Works	Timberlakes watermain project
DuPage County Public Works	Nordic Wastewater Treatment plant
DuPage County Public Works	Woodridge WWTP electrical upgrades
DuPage County Public Works	Knollwood WWTP electrical upgrades
DuPage County Facilities	421 Secured Main Entrance
DuPage County Stormwater	Elmhurst Quarry Gate Replacement Project
DuPage County Stormwater	Elmhurst Quarry East Lobe Pipe Replacement Project
DuPage County Stormwater	Country Club Highlands Drainage Project
DuPage County Stormwater	Village Road Drainage Improvement
DuPage County Stormwater	Sycamore Drainage Improvement
DuPage County Stormwater Funded Municipal Projects	Southwest Elmhurst Stormwater Mitigation Project – Phase III (Elmhurst)
DuPage County Stormwater Funded Municipal Projects	Dorset Flood Improvement Project (Wheaton)
DuPage County Stormwater Funded Municipal Projects	South Central Interceptor Sewer Stabilization Project (Naperville)
DuPage County Stormwater Funded Municipal Projects	8th, Ellsworth, Main Stormwater Improvements (Naperville)
DuPage County Stormwater Funded Municipal Projects	Wisconsin East of Belmont Drainage Improvements (Downers Grove)
DuPage County Stormwater Funded Municipal Projects	Otis-Grant-Florence Drainage Improvements (Downers Grove)
DuPage County Stormwater Funded Municipal Projects	Rolling Drive and Lisle Junior High School Improvements (Lisle)
DuPage County Stormwater Funded Municipal Projects	Village Center North: Storm Sewer Improvements to Main Street Outfall (Lisle)
DuPage County Stormwater Funded Municipal Projects	Klein Creek Streambank Stabilization – Section I (Carol Stream)
Addison Township	Pollinator Meadows Conservation initiative ongoing
Addison Township	Tree replacement program ongoing

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Addison Township	Diseased tree identification and eradication ongoing
Village of Addison	Village of Addison Water Meter Replacement Project
Village of Addison	Watermain Replacement Project
Village of Addison	Kingery West CDBG - Street Resurfacing Project
Village of Addison	Motor Fuel Tax - Street Resurfacing Project
Bartlett	Bittersweet Wastewater Reclamation Facility Rehab. Project continues from 3/1/22.
Bartlett	Additional stormwater storage provided by Oneida Basin Project, also begun on 3/1/22.
Bartlett	Leiseberg and Munger culvert projects - permitting only at the present time begun in 2023.
Bensenville	2022 Village Street Program
Bensenville	Wood Dale Resurfacing Project - PARTICIPATION
Bensenville	2022 Village Water Main Improvements
Bensenville	Addison Creek Storm Sewer Improvements Phase I
Bensenville	Irving Park Road Culvert Emergency Repair
Bensenville	2022 Sidewalk Cutting
Bensenville	2022 Pavement Preservation Rejuvenation
Bensenville	2022 MFT GM - HMA Pavement Patching
Bensenville	2022 MFT Sidewalk R&R
Burr Ridge	2022 Road Program Resurfacing Contract
Burr Ridge	Kraml Pathway Replacement Project
Burr Ridge	Garfield Avenue Sidewalk Construction Project
Carol Stream	Klein Creek Streambank Stabilization - Section I
Carol Stream	2022 Roadway Drainage Improvements
Carol Stream	2022 Flexible Pavement Project
Carol Stream	Kuhn Road Bike Path Extension (Lies-to-Army Trail)
Darien	Reconstruction of Farmingdale Dam
Downers Grove	Bioswales
Downers Grove	Stormwater Improvements at Sterling & 39th
Downers Grove	Drainage Improvements for Lee and Grant Park Path
Downers Grove	Acquisition/Demotion of 5618 Lyman
Downers Grove	Wisconsin Drainage Improvements
Downers Grove	Lyman & 62nd Drainage Improvements
Downers Grove	Otis - Grant - Florence Drainage Improvements
Downers Grove	Public Works Rain Garden / Demonstration Area
Downers Grove	Claremont Medians Naturalization
Downers Grove	Prairie Native Planted Medians
Downers Grove	Valley View Pond Outlet Replacement
Downers Grove	Gilbert Outlet Grate
Elmhurst	2022 Ditch Cleaning and Maintenance

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Elmhurst	2022 Watermain Project
Elmhurst	2022 Sanitary Manhole Rehab and Sanitary Sewer Lining
Elmhurst	2022 Sanitary Sewer Repair Program
Elmhurst	2022 Contract Paving
Elmhurst	Jackson School Detention Basin
Glendale Heights	Klein Creek Stream Bank Restoration Project
Glendale Heights	Lincoln Avenue Storm Sewer Replacement Project
Glen Ellyn	Utility and Roadway Improvements Project #20001 Phase 1
Glen Ellyn	Pennsylvania Avenue Improvements
Glen Ellyn	2022 Street Improvements Project
Glen Ellyn	2022 Parking Lot Resurfacing and Asphalt Roadway Patching Program
Glen Ellyn	2022 Sidewalk and Concrete Street Repair Program
Hanover Park	2022 Resurfacing
Hanover Park	2022 Infrastructure Improvement Project
Hanover Park	2022 Drainage Improvements
Hanover Park	2022 Arterial Fence Maintenance
Hanover Park	2022 Bayside Forcemain Repair
Hanover Park	2022 Pavement Preventative Maintenance
Hanover Park	2022 Sidewalk, Curb & Gutter Replacement Program
Hanover Park	2022 Sanitary Sewer Relining
Hanover Park	2022 SSA 5 Pavement Patching
Hanover Park	2022 MWRD Ballfields Project
Hinsdale	Garfield Street Reconstruction
Itasca	Bloomington Road Reconstruction Project
Itasca	Roadway Infrastructure Improvements, Phase 2
Lisle	Abbeywood Area Stormwater Pond - Water Quality Study
Lisle	Stormwater Improvements - Rolling Avenue - Lisle Junior High (Berm) - Phase II Engineering
Lisle	Stormwater Improvements - Rolling Avenue - Lisle Junior High - Construction
Lisle	Stormwater Improvements - Gamble Rear Yard Drainage - Phase II Engineering (2024)
Lisle	Stormwater Improvements - Village Center and Main Street - Phase I Engineering
Lisle	Stormwater Improvements - Village Center and Main Street - Phase II Engineering
Lisle	Stormwater Improvements - Gamble Rear Yard Drainage - Construction (2024)
Lisle	Village Center North Construction
Lisle	Village Center North Construction Engineering
Lombard	North Avenue Pressure Adjusting Station (< 1 acre)
Lombard	(All other projects were maintenance)
Milton Township	Glen Ellyn Woods
Milton Township	Dorchester Ct., Glen Ellyn
Milton Township	Lambert Rd., Glen Ellyn

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Milton Township	Kings Ct., Glen Ellyn
Milton Township	Butterfield East – various streets
Naperville	2022 City Resurfacing Program
Naperville	CS014 - Downtown Streetscape
Naperville	BR005 - North Aurora Road Underpass at The CN Railroad
Naperville	EQ053 - Fuel Management System and Automatic Tank Gauge Console (leak detection)
Naperville	MB223 - Generator and Transfer Switch Replacement (waste/storm and water pumping back-up power)
Naperville	SC223 - Pavement Improvement Program (improved drainage for alleys)
Naperville	SW001 - Annual Stormwater Management Projects
Naperville	SW017 - Storm Sewer Lining Program
Naperville	SW026 - Stormwater System Upgrade and Improvement Program
Naperville	SW037 - CMP Repair & Replacement Program
Naperville	MB035 - Municipal Parking Lot Maintenance
Naperville	MP004 - Sidewalk & Curb Replacement Program
Naperville	MP009 - Street Maintenance Improvement Program
Naperville	MP016 - Bikeway System Maintenance Program
Naperville	PA022 Annual Riverwalk Rehabilitation Program
Naperville	PA034 - West Parking Lot BMP Improvement
Naperville	PA049 - Riverwalk South Extension: Hillside Road to Martin Avenue
Naperville	PA051 - Reroof 430 S Washington St Covered Bridge and Grand Pavilion
Naperville	PA053 - Eagle Street Gateway and Accessibility Improvements
Naperville	SC033 - North Aurora Road: Frontenac Rd to Weston Ridge Dr
Naperville	WU004 - Water Distrib. System - Rehabilitation/Replacements
Naperville	WU005 - Water Utility Infrastructure Relocation - Misc. Locations
Naperville	WU007 - Miscellaneous Waterworks Improvements
Naperville	WU008 - Water Main Oversizing Payments - New Developments
Naperville	WU010 - Water Distribution System - Additions/Extensions
Naperville	WU019 - Water Metering Additions - New
Naperville	WU020 - Water Metering Replacement
Naperville	WU033 - SCADA Improvements and Upgrades
Naperville	WU037 - Lead Service Replacements
Naperville	WU041 - Fire Hydrant Replacement Program
Naperville	WU042 - Water Main Valve Replacement Program
Naperville	WW001 - T06 South-Central Interceptor Bank Stabilization, Phase 2 and 3
Naperville	WW002 - Springbrook UV Disinfection Installation
Naperville	WW005 - Wastewater Utility Infrastructure Relocation - Various Locations
Naperville	WW006 - Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Services
Naperville	WW009 - Sanitary Sewer Oversizing Payments - New Developments

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Naperville	WW010 - Sanitary Sewer Capacity Improvements
Naperville	WW034 - Sanitary Sewer Lift Station Rehabilitation Program
Naperville	WW038 - Springbrook Water Reclamation Center - Roadway Improvements
Naperville	WW041 - SWRC - Facility Replacement (non-treatment)
Naperville	WW044 - SWRC - Miscellaneous Process-related Replacements/Upgrades
Oak Brook	Harger Road Multi-Use Pathway Project
Oak Brook	Golf Club Parking Lot Lighting Project
Oak Brook	Brook Forest Resurfacing Project
Oakbrook Terrace	Streambank Stabilization - Oakbrook Trib to Salt Creek
Roselle	2022 Storm Sewer Improvement Program
Villa Park	Maple Area Sewer Separation
Villa Park	Monterey Avenue Sewer Separation
Villa Park	50-50 Sidewalk Replacement
Villa Park	Jackson Pond Expansion
Villa Park	Rebuild IL resurfacing (multiple locations)
Warrenville	2022 Road Program
Warrenville	2022-2023 Trailhead Construction (part STP, part Local)
Wayne	Army Trail Road Culvert Replacement and Erosion Protection
Wayne Township	Bioswales
Wayne Township	Schick Rd naturalization
Wayne Township	Road Maintenance
West Chicago	2022 Annual Resurfacing Project
West Chicago	2022 Sidewalk and Curb Maintenance Program
West Chicago	2022 Sidewalk Cutting Program
West Chicago	2022 Crack Sealing Program
West Chicago	200 Main St - Structural and Masonry Rehab
Westmont	61st and Cumnor Stabilization
Westmont	Alley G Permeable Paver program
Westmont	2022 MFT Resurfacing Program
Westmont	57th St. Storm Sewer Extension
Wheaton	2022 Annual Road Program
Wheaton	Streetscape phase IV
Wheaton	2022 Sidewalk Program
Wheaton	2022 Concrete panel replacement
Wheaton	Dorset Drive Flood Improvement Project
Willowbrook	Executive Drive storm water improvement
Winfield Township	Paving
Winfield	Various storm water projects regarding drainage
Wood Dale	Public Works Facility, 790 N Central Ave
Woodridge	2022 MFT Road Improvements

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Woodridge	Rt 53 Sidewalk Installation
Woodridge	Standpipe Painting and Rehabilitation
Woodridge	Woodward Traffic Signal Installation
Woodridge	Janes Traffic Signal Modernization
Woodridge	Police Department/Public Works Buildings
Woodridge	(Other projects were maintenance)
York Township	2023 Street Improvement Project

Construction sites regulated by ILR40 permit requirements will have construction project NOI's posted on the entities' website.

Attachments



**DRSCW ILR40 Activities
March 2022– March 2023**

PART I. COVERAGE UNDER GENERAL PERMITS ILR40

Not applicable to the work of the DRSCW.

PART II. NOTICE OF INTENT (NOI) REQUIREMENTS

Not applicable to the work of the DRSCW.

PART III. SPECIAL CONDITIONS

Not applicable to the work of the DRSCW.

PART IV. STORM WATER MANAGEMENT PROGRAMS

A. Requirements

Not applicable to the work of the DRSCW.

B. Minimum Control Measure

1. Public Education and Outreach on Stormwater Impacts

DRSCW outreach activities for the reporting year ending March 31, 2023 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 were 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).



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- 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, 2022 to March 31, 2023 are listed below. Selected presentations are made available on the DRSCW website and upon request. Technical presentations have also been approved by the IEPA as CEUs for the Wastewater Operator and Drinking Water Operator Certifications.

April 27, 2022 – Model Development and Management Scenario Application for Total Phosphorus in Salt Creek, East Branch, West Branch, and Lower DuPage Rivers. Presenter: Hillary Yonce, Professional Hydrologist, Lead Modeler, Tetra Tech.

April 27, 2022 -- 2020-2022 Integrated Water Quality Report and Section 303(d) List. Presenter: Deanna Doohaluk, Watershed Project Manager, The Conservation Foundation.

June 27, 2022 – Kimberly North Stormwater Study. Presenter: Gregory R. Ulreich, P.E., CFM Civil/Stormwater Engineer, Dept. of Engineering Services, Carol Stream.

June 27, 2022 – The Microplastic Monster. Presenter: Christine Wood, Donohue & Associates, Inc., Water/Wastewater Engineer.

August 31, 2022 – Lags and Gaps: streambank erosion as a blind spot in the Illinois NLRS. Presenter: Andrew Margenot, Assistant Professor, University of Illinois Urbana-Champaign.

October 26, 2022 – Reducing Inflow and Infiltration: City of Naperville's' Experience. Presenter: Tony Conn Sr., Water Distribution and Collection Manager. Department of Public Utilities-Water, City of Naperville.

December 7, 2022 – 2020 West Branch DuPage River Bioassessment. Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute.

Other Water Quality Presentations or Workshops by the DRSCW

April 25-27, 2022 – NARP Updates, IWEA Annual Conference. Panel Members: Stephen McCracken, The Conservation Foundation and Adam Gronski, DRSCW Board Member, Metropolitan Water Reclamation District of Greater Chicago.



April 26, 2022 – Derivation of a Local Chloride Threshold for Wadeable Streams, Emerging Contaminants in the Environment Conference (virtual). Presenter: Deanna Doohaluk, The Conservation Foundation.

June 15-17, 2022 – Constructing an effective watershed Approach, International Water and Waste Management Conference, Bangkok, Thailand. Presenter: Stephen McCracken, The Conservation Foundation.

July 19, 2022 – Administration and Funding Structures for the DRSCW, LDPWC and LDPWG, Illinois River Watershed Study Group, Starved Rock Convention Center. Presenter: Stephen McCracken, The Conservation Foundation.

September 9, 2022—DRSCW Program Update, USEPA and IEPA. Presenter: Deanna Doohaluk, The Conservation Foundation and Stephen McCracken, The Conservation Foundation.

September 26, 2022 – Masterplan for Salt Creek at Fullersburg Woods, Board of Directors of The Conservation Foundation. Presenter: Deanna Doohaluk, The Conservation Foundation.

November 16, 2022—DRSCW Program Update, DuPage Mayors and Managers Regulatory Affairs Committee, Stephen McCracken, The Conservation Foundation.

February 2, 2023 – Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek, IEPA, Presenter: Stephen McCracken, The Conservation Foundation and Deanna Doohaluk, The Conservation Foundation.

February 28, 2023 – Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek. IAWA Mini Conference, Springfield, IL. Presenters: Amy Underwood, DRSCW Board Member, Downers Grove Sanitary District and Stephen McCracken, The Conservation Foundation.

February 22-24, 2023 – Expanding beyond Permit Limits to Achieve Water Quality Goals, WWM5, Bhubaneswar, India. Presenter: Deanna Doohaluk, The Conservation Foundation.

March 7, 2023 – Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek. Environmental Partners. Presenter: Stephen McCracken, The Conservation Foundation and Deanna Doohaluk, The Conservation Foundation.

2. Public Involvement and Participation – No Activities

3. Illicit Discharge Detection and Elimination – No Activities



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

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

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

Chloride Questionnaires

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

- Winter Weather tracking and planning
- Behavior of commonly used deicing compounds
- Product and chemical alternatives
- Equipment calibration training
- Application Rates
- Equipment and salt application advancements
- Salt usage, storage and deicing best management practices
- Example salt use policies and management plans

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

Questionnaires were distributed in 2007, 2010, 2012, 2014, 2016, and 2018. They were sent to approximately 80 municipal highway operations and public works agencies. A new questionnaire was due to be distributed in 2022 but was not completed due to a need to rework elements of the questionnaire. It is now due to be issued in 2023.

Chloride Reduction Workshops

During the reporting period March 1, 2022 to March 31, 2023, six (6) chloride reduction workshops were held. The workshops were held in a webinar format allowing the groups to collaborate and host the workshops jointly. The workgroup staff for the DRSCW, LDRWC, Lower Des Plains Watershed Group (LDWG) and Chicago Area Waterways Chloride Workgroup (CAWCW) collaborated with staff from Lake County DOT and Health Dept. to coordinate the workshops. Registration was made available to agencies over a wide area of northeastern Illinois resulting in staff attending from Boone, Cook, DuPage, Kane, Lake, Will, and Winnebago



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counties, as well as Milwaukee, WI. A list of attendees of the Public Roads Deicing Workshop (by County) is included in Attachment 1 and attendees of the Parking Lots & Sidewalks Deicing Workshop (by County) is included in Attachment 2.

Public Roads Deicing Workshops were held on September 27, October 5, October 6, and October 12, 2022. Staff from Bolton-Menk, Inc. (formerly at Fortin Consulting, Inc.) from Minnesota were engaged to present the material. A registration fee was required per agency in order to view the webinar. The links were shareable within an agency. A survey was provided at the end of each webinar to those who had signed in asking for the number of attendees from each agency and for an evaluation of the workshop. The survey results indicated that a minimum of 644 persons attended the four Public Roads workshops. Certificates of attendance were provided to those who requested them. A link to the *Minnesota Snow and Ice Control: Field Book for Snowplow Operators* was provided to each registrant.

The Parking Lot and Sidewalk Deicing Workshop webinars were held on September 29 and October 11, 2022 with Bolton-Menk, Inc. presenting. The survey results indicated that there was a minimum of 262 persons who viewed the webinars. Certificates of attendance were provided to those who requested them. The surveys provided an opportunity to provide an evaluation on the webinars. A link was sent to each registrant for the *Minnesota Pollution Control Agency Winter Parking Lot & Sidewalk Maintenance Manual*.

Ambient Impact Monitoring

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

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

- Calculation of estimated chloride concentration from winter conductivity data
- Calculation of a warm weather regression value from summer concentration data and summer conductivity measures



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- Calculation of estimated chloride summer concentrations
- Creation of loading data (in pounds per day) from the estimated concentration data using USGS flow data
- Identification of ice events from the weather command data and “replacement” of such events with loadings observed mean concentrations (to control for the high variability caused by ice).
- Graphing of loading and concentration data for each site

This analysis has been completed and phase one results have been produced. The report is being finalized and will be complete by April 2023.

Continuous Chloride Monitoring

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

Ambient monitoring of conductivity is carried out at six (6) locations. All conductivity sites were originally installed to collect continuous DO and are situated for that rather than chlorides. DRSCW chloride sites are positioned in the upper and lower sections of each watershed.

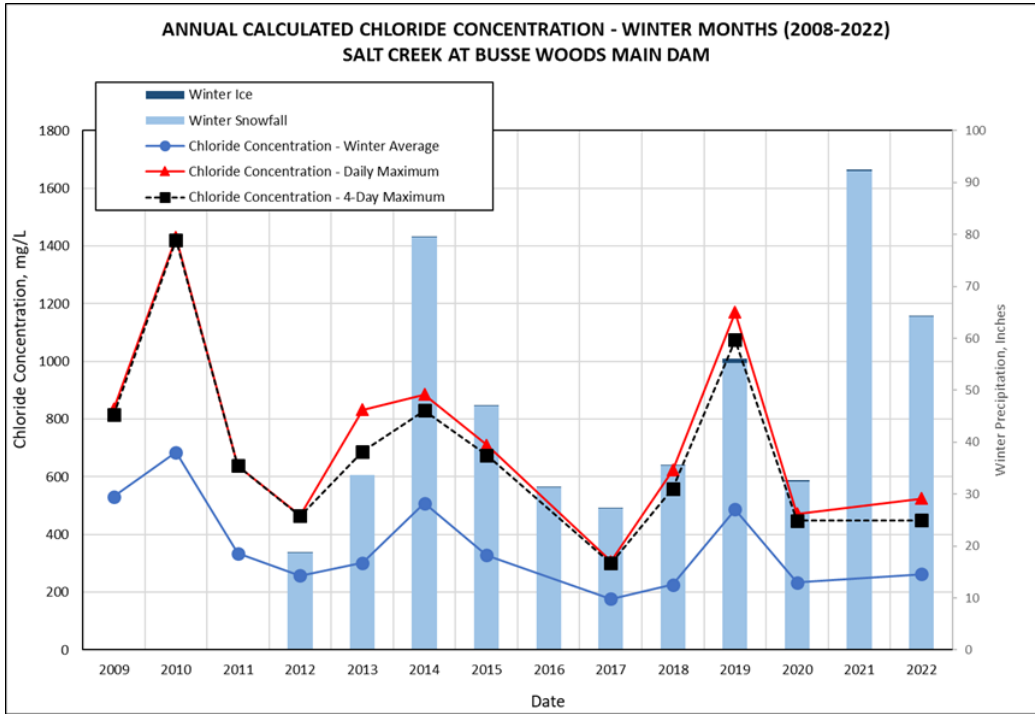
The upstream Salt Creek chloride site (Busse Woods) is at the upstream most point of the Lower Salt Creek watershed (this site isn't placed further upstream as it was selected to measure DO upstream of the watersheds POTWs). MWRD did not conduct ambient winter conductivity monitoring at the Salt Creek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

Conductivity concentrations are used to calculate chloride concentrations based on a linear relationship established by the DRSCW. Calculated Annual chloride concentrations for the winter months from 2007-2021 for six (6) sites are depicted in Figure 1 to Figure 6, The Daily Max represents the highest chloride daily value calculated from that year's winter season. The Winter Average is the average of all measurements from the winter season. The Four-Day Average is the maximum value of the year's four-day averages. Also shown are seasonal totals for winter snow and ice data. This data is generated from data supplied by a contract with Weather Command/ Murray and Trettel, Inc. The data is specific to the areas proximate to the



relative conductivity monitoring site. The weather data for the Naperville site on the southern West Branch has not yet been extracted and will be on the future graphics.

Figure 1. Calculated Chloride Concentrations - Winter Months (2007-2022) for Salt Creek at Busse Woods Main Dam. Data was not collected in 2021.





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Figure 2. Calculated Chloride Concentrations - Winter Months (2007-2022) for Salt Creek at Wolf Road

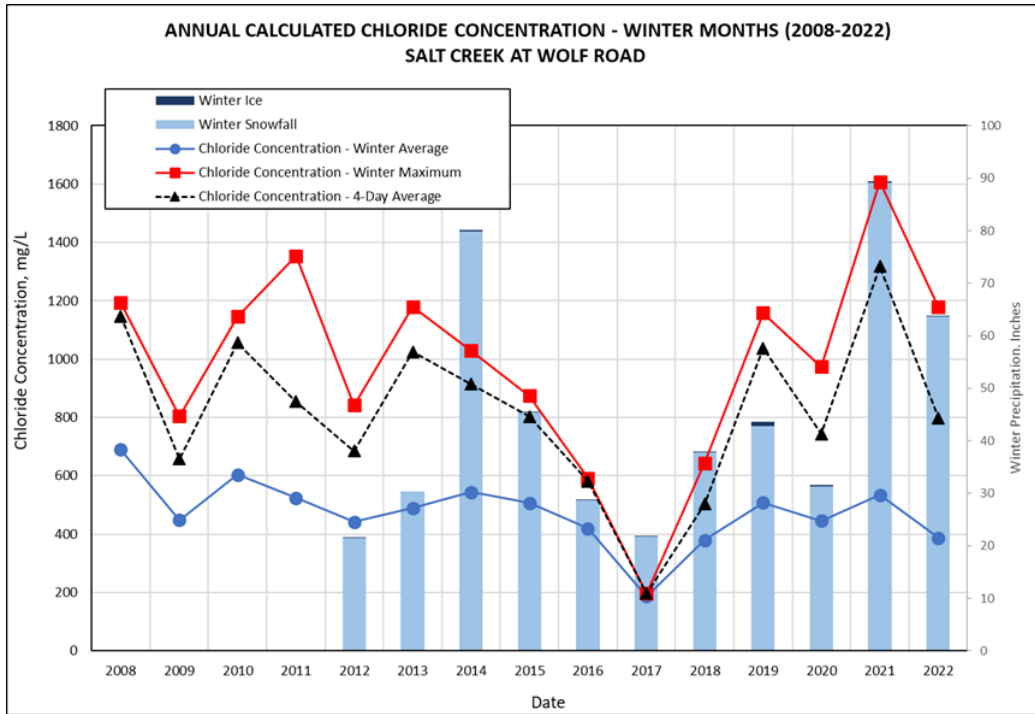
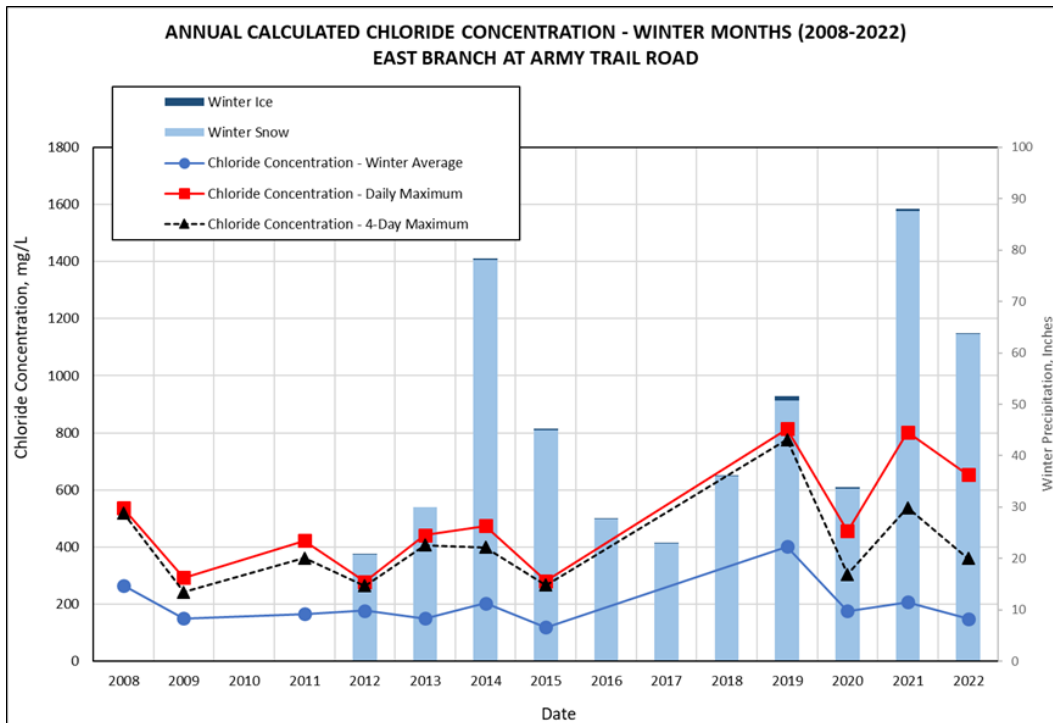


Figure 3. Calculated Chloride Concentrations - Winter Months (2007-2022) for the East Branch DuPage River at Army Trail Road





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Figure 4. Calculated Chloride Concentrations - Winter Months (2008-2022) for the East Branch DuPage River at Hobson Road

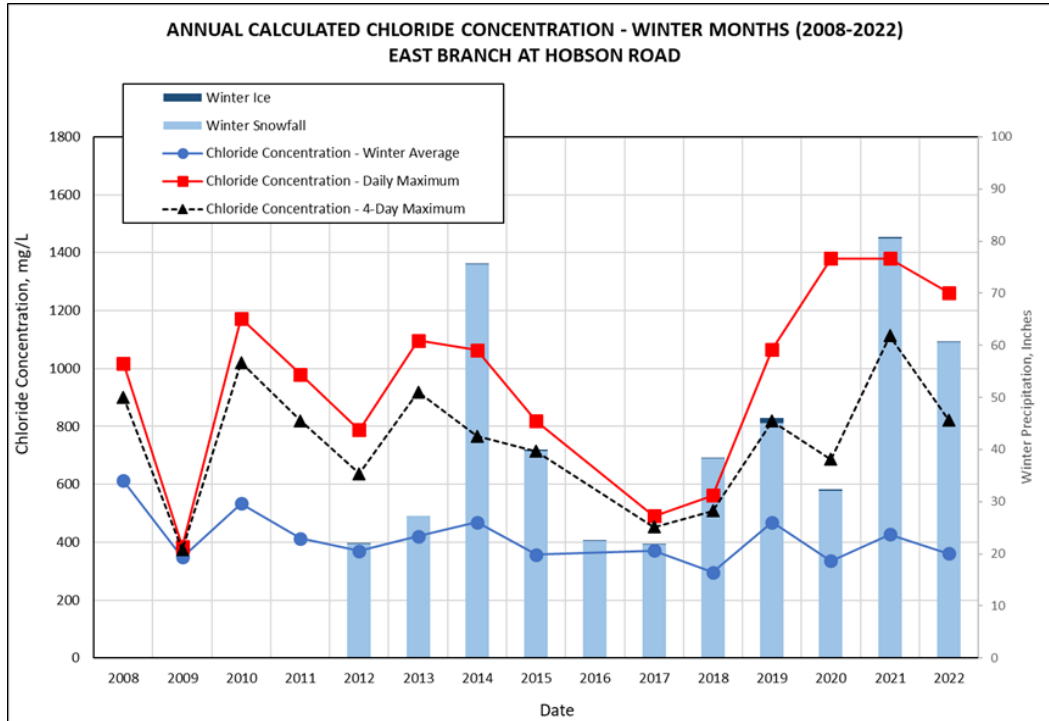


Figure 5. Calculated Chloride Concentrations - Winter Months (2007-2022) for the West Branch DuPage River at Arlington Drive

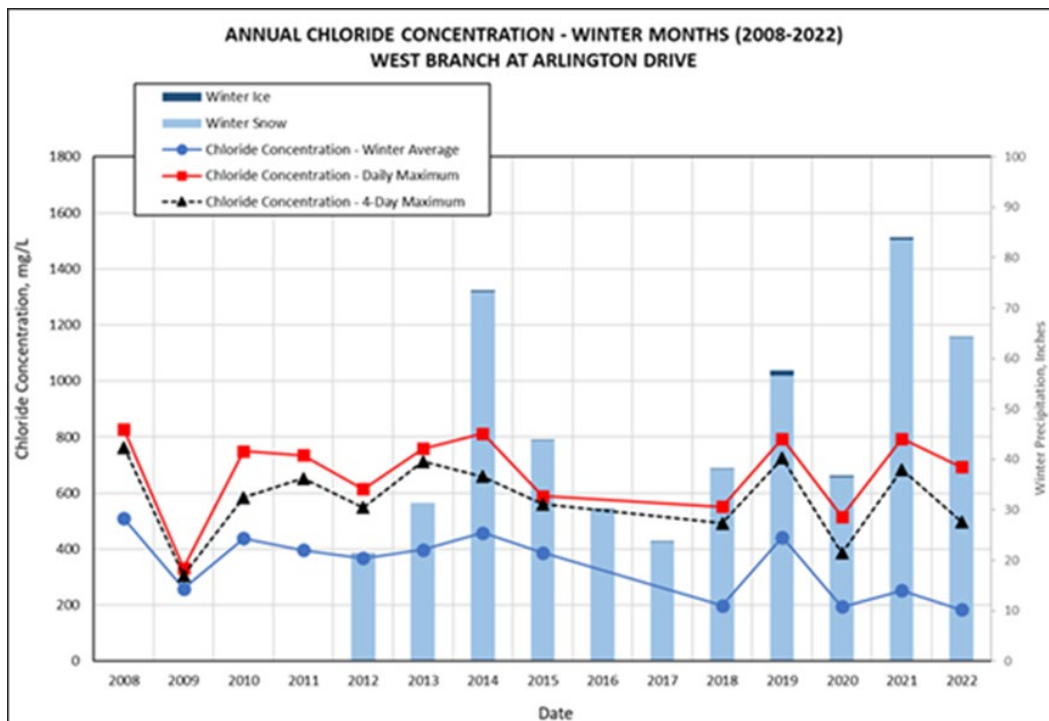
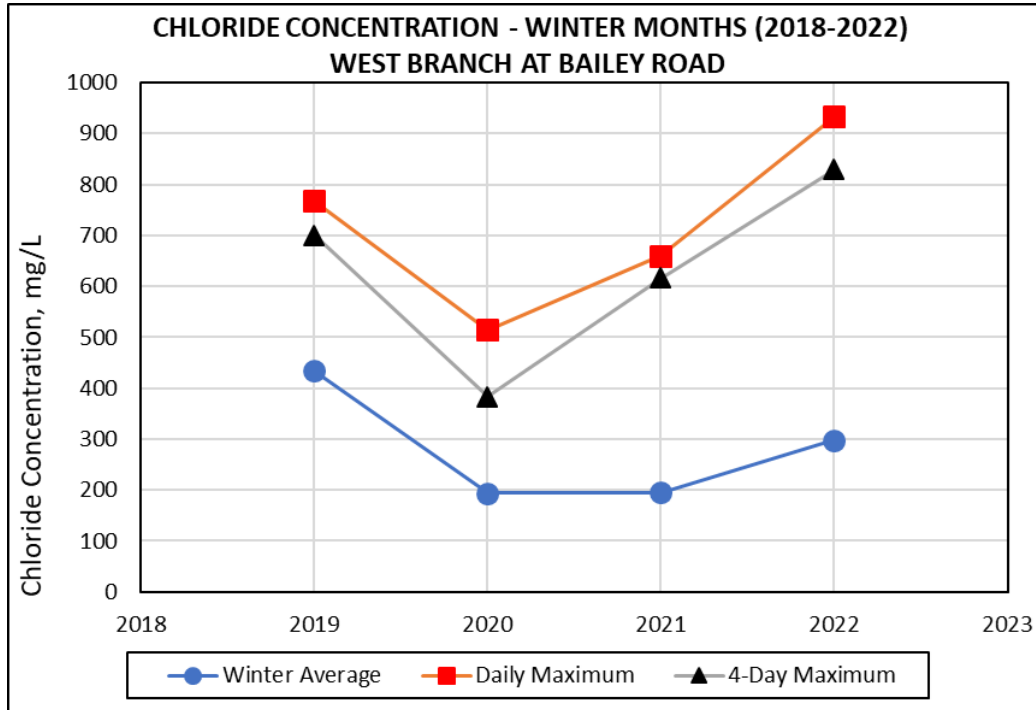


Figure 6. Calculated Chloride Concentrations - Winter Months (2018-2022) for the West Branch DuPage River at Bailey Road



C. Qualifying State, Country or Local Program

Not applicable to the work of the DRSCW.

D. Sharing Responsibility

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

E. Reviewing and Updating Stormwater Management Programs

Not applicable to the work of the DRSCW.



PART V. MONITORING, RECORDKEEPING, AND REPORTING

A. Monitoring

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

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

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

BIOASSESSMENT

Overview and Sampling Plan

A biological and water quality survey, or “biosurvey”, is an interdisciplinary monitoring effort coordinated on a waterbody specific or watershed scale. This may involve a relatively simple setting focusing on one or two small streams, one or two principal stressors, and a handful of sampling sites or a much more complex effort including entire drainage basins, multiple and overlapping stressors, and tens of sites. The DRSCW bioassessment is the latter. The DRSCW bioassessment program began in 2007 with sampling in the West Branch DuPage River, East Branch DuPage River and Salt Creek watersheds. From 2009-2016, each watershed was sampled on a 3-year rotation beginning with the West Branch DuPage River watershed in 2006. Between 2017 and 2021, the watersheds were sampled on a 4 -year rotation. Starting in 2023, the watersheds will be sampled on a 5-year rotation. The sampling frequency will ensure 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.



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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	2025
Salt Creek	2007, 2010, 2013, 2016, 2021	2027

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

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

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



(CSOs) and dams. The number of sampling sites by method/protocol and watershed are listed in Table 2.

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

Method/Protocol	West Branch DuPage River (2020)	East Branch DuPage River (2019)	Salt Creek (2021)	Reference Sites (2006-2021)	Total Sites
Biological sampling					
Fish	42	41	65*	13	155
Macroinvertebrates	42	41	65*	13	155
QHEI	42	41	65*	13	155
Water Column Chemical/Physical Sampling					
Nutrients**	42	38	57	6	143
Water Quality Metals	30	38	34	6	108
Water Quality Organics	18	11	17	6	52
Sediment Sampling	23	15	27	6	71

*Includes eight (8) sites that were being monitored as part of pre-project monitoring at Fullersburg Woods and post-project monitoring at the Preserve at Oak Meadows.

**Also included indicators of organic enrichment and ionic strength, total suspended solids (TSS), DO, pH and temperature. Also, in 2019, 2020 and 2021, chlorophyll A was included as a nutrient parameter.

Representativeness – Reference Sites

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

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

As no sampling was conducted in Summer 2022, the 2022 MS4 Activities Report does not contain updated Fish, Habitat and Water Chemistry. However, as the macroinvertebrate sampling results for Salt Creek (sampled in 2021) was not available at the time of the 2021 MS4 Activities report, this data is included in this report. A map of the 2021 Salt Creek sampling sites can be found in



Map 2. A list of the sites sampled as part of the 2021 Salt Creek bioassessment is included in Table 3. Table 3 includes the site name, site location, and the type and frequency of each sampling method.

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 Fish, Macroinvertebrates, Habitat and Water Chemistry for the mainstem East Branch DuPage River and West Branch DuPage River and summaries for Fish, Habitat and Water Chemistry Salt Creek can be found in the 2019, 2020, and 2021 DRSCW MS4 Activities Report.

The fish and macroinvertebrate results are presented as Index of Biotic Integrity (IBI) scores. IBI is an evaluation of a waterbody's 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.

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.

2021 Salt Creek Results

Macroinvertebrate communities sampled from the mainstem of Salt Creek revealed no clear longitudinal pattern (Figure 7) and mainly fall in the fair to poor ranges. There are four sites on the mainstem of Lower Salt Creek with mIBI scores in the good range: two (2) sites located immediately downstream of the Fullersburg Woods dam and two (2) sites within the Preserve at Oak Meadows restoration site. With the exception of one (1) site located on West Branch Salt Creek #5 (located within the Upper Salt Creek watershed) where a mIBI of 45.20 (good), scores in tributaries throughout the watershed in 2021 were in the poor to fair range.



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Table 3. 2021 Salt Creek Bioassessment Sampling Sites and Frequency of Sampling

Site ID	RIVER	Latitude	Longitude	Frequency of Sampling during the 2021 Bioassessment								
				Biological Sampling	QHEI	Demand/ Nutrient	Metals	Water Organics	Sediment	Sulfate	Oil and Grease	
SC01	Tributary to Salt Creek	42.143664	-88.078158	1	1	2						
SC02	Tributary to Salt Creek	42.11327	-88.082431	1	1	2						
SC03	Salt Creek	42.108005	-88.083462	1	1	2						
SC04	Salt Creek	42.110637	-88.062385	1	1	4						
SC05	Tributary to Salt Creek	42.12518	-88.039411	1	1	2						
SC06	Tributary to Salt Creek	42.116387	-88.012306	1	1	2						
SC07	Salt Creek	42.077084	-88.053031	1	1	4	4					
SC08	Tributary to Salt Creek	42.067958	-88.019216	1	1	4						
SC11	Tributary to Salt Creek	42.028369	-88.055516	1	1	4						
SC12	Tributary to Salt Creek	42.025566	-88.063601	1	1	2						
SC13	Tributary to Salt Creek	42.015691	-88.054162	1	1	2						
SC14	Tributary to Salt Creek	42.017338	-88.045095	1	1	4	4					
SC15	Salt Creek	42.051095	-88.008992	1	1	6	4		1	1		1
SC16	Spring Brook	41.971781	-87.998034	1	1	6	4		1	1		1
SC17	Spring Brook	41.967116	-88.046834	1	1	4						
SC18	Spring Brook	41.958246	-88.06508	1	1	4						
SC19	Meacham Creek	41.995347	-88.051359	1	1							
SC20	Tributary to Meacham Creek	41.988298	-88.054429	1	1	2						
SC21	Spring Brook	41.97324	-88.079282	1	1	2	2	1		1		
SC22	Westwood Creek	41.93982	-87.992964	1	1	4		1		1		
SC23	Salt Creek	41.936938	-87.984234	1	1	9	6	1		1		
SC24	Addison Creek	41.946217	-87.926124	1	1	2						
SC25	Tributary to Addison Creek	41.937825	-87.939885	1	1	2						
SC26	Addison Creek	41.928711	-87.910687	1	1	4						
SC27	Addison Creek	41.898963	-87.883344	1	1	4	4					
SC28	Addison Creek	41.861162	-87.867743	1	1	6	4			1	1	1
SC29	Salt Creek	41.818297	-87.833708	1	1	12	6	1		1	1	1
SC30	Ginger Creek	41.837873	-87.970817	1	1	2						
SC31	Ginger Creek	41.839376	-87.953247	1	1	4						
SC32	Oakbrook Creek	41.85377	-87.948831	1	1	2						
SC33	Sugar Creek	41.872959	-87.959728	1	1	4						
SC34	Salt Creek	41.951765	-87.986441	1	1	9	6	1		1		
SC35	Salt Creek	41.944091	-87.981079	1	1	9	6	1		1		
SC35A	Salt Creek	41.9425	-87.9821	1	1							
SC35B	Salt Creek	41.94112	-87.983	1	1							
SC36	Oak Brook	41.850896	-87.958463	1	1	2						
SC37	Salt Creek	41.885162	-87.959927	1	1	9	3	1		1		
SC38	Salt Creek	41.890375	-87.964024	1	1	9	6	1		1		
SC39	Salt Creek	41.919985	-87.972745	1	1	9	6	1		1		
SC40	Salt Creek	41.962745	-87.98439	1	1	9	6	1		1		
SC41	Salt Creek	41.970302	-87.988175	1	1	9	6	1		1		
SC42	Salt Creek	41.991326	-87.994485	1	1	6	4			1		
SC43	Salt Creek	42.011973	-88.00092	1	1	6	4	1		1	1	1
SC44	Salt Creek	42.01602	-88.000508	1	1	6	4	1		1		
SC45	Tributary to Salt Creek	42.084211	-88.019856	1	1	4	4	1		1		
SC46	Spring Brook	41.966727	-88.077424	1	1	2	2	1		1		
SC47	Spring Brook	41.963342	-88.031508	1	1	6	4	1		1		
SC48	Addison Creek	41.872732	-87.868775	1	1	6	4			1		
SC49	Salt Creek	41.825756	-87.900036	1	1	9	6	1		1	1	1
SC50	Salt Creek	42.021262	-88.004911	1	1	6	4			1		
SC51	Salt Creek	41.875767	-87.95799	1	1	9	6			1	1	1
SC52	Salt Creek	41.820328	-87.926117	1	1	9	6			1		
SC53	Salt Creek	41.825544	-87.931557	1	1	9	6			1		
SC53A*	Salt Creek	41.82112	-87.9286	1	1							
SC54	Salt Creek	41.845607	-87.851945	1	1	12	6			1		
SC55	Salt Creek	41.84763	-87.936374	1	1	6	6					
SC56	Salt Creek	41.832606	-87.941979	1	1	6	6					
SC56A*	Salt Creek	41.8306	-87.940435	1	1							
SC56B*	Salt Creek	41.830287	-87.931866	1	1							
SC56C*	Salt Creek	41.82849	-87.93059	1	1							
SC57	Salt Creek	41.873713	-87.95526	1	1	9	6					
SC59	Salt Creek	41.82608	-87.91459	1	1	12	6					
SC60	Salt Creek	41.82595	-87.88617	1	1	12	6					
SCBR	Salt Creek					6						



Table 4 and Table 5 include the key to dams and Wastewater Treatment Plants (WWTP) discharges denoted on the mIBI figure (Figure 7) for Salt Creek.

Figure 7. Macroinvertebrate IBI scores in Salt Creek, 1983, 2007, 2010, 2013, 2016, and 2021 in relation to municipal WWTP dischargers and dams.

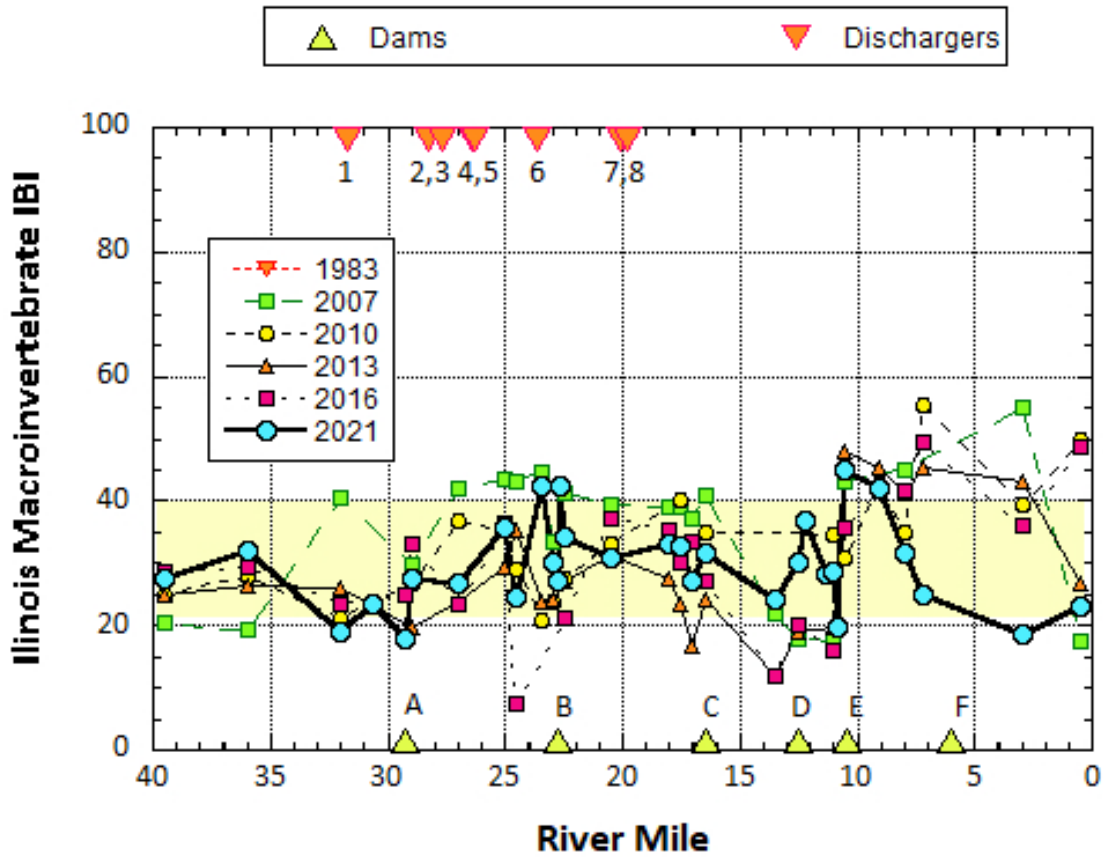


Table 4. Key to dams on the dam included on the Salt Creek IBI, QHEI, and water chemistry figures

Figure Reference	Name of Dam
A	Busse Woods Dam
B	Oak Meadows Dam (removed in 2016)
C	Graham Center Dam
D	Old Oak Brook Dam
E	Fullersburg Woods (Graue Mill) Dam
F	Possum Hollow Woods Dam



Table 5. Key to POTW dischargers on the Salt Creek IBI, QHEI, and water chemistry figures

Figure Reference	WWTP Discharge
1	MWRDGC Egan WRP
2	Itasca STP
3	Wood Dale North STP
4	Wood Dale South STP
5	Addison North STP
6	Addison South - Larocca STP
7	Salt Creek Sanitary District
8	Elmhurst WWTP

DISSOLVED OXYGEN (DO) MONITORING

Background and Methodology

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

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

1. During the period of March through July
 - a. 5.0 mg/L at any time; and
 - b. 6.0 mg/L as a daily mean averaged over 7 days.

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

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



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In 2022, the DRSCW in collaboration with DuPage County Stormwater Management gathered continuous DO data via water quality sondes at four (4) sites on Salt Creek (SCBW, SCOM, SCBR SCFW), five (5) sites on the East Branch DuPage River (EBAR, EBCB, EBHL, EBHR, EBWL), and five (5) sites on the West Branch DuPage River (WBAD, WBBR, WBWD, WBMG, WBNPV) that will be utilized in the calibration and verification of the updated QUAL2Kw models. The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) also typically monitors one (1) additional location on Salt Creek. All sondes are deployed from May through October and collected DO, temperature, conductivity, and pH on an hourly basis. The continuous DO monitoring program functions under a quality assurance plan agreed on with the IEPA (<http://drscw.org/wp/dissolved-oxygen/>). Details on the site location are included in Table 6 and site locations for 2022 are included on Map 3.

Results

Results of the continuous DO monitoring conducted in the summer of 2022 is included in Figure 8 to Figure 22.

Table 6. 2022 Continuous DO monitoring locations in the DRSCW watersheds in 2021.

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



Figure 8. 2022 Dissolved Oxygen plot for the West Branch DuPage River at Arlington Drive (WBAD)

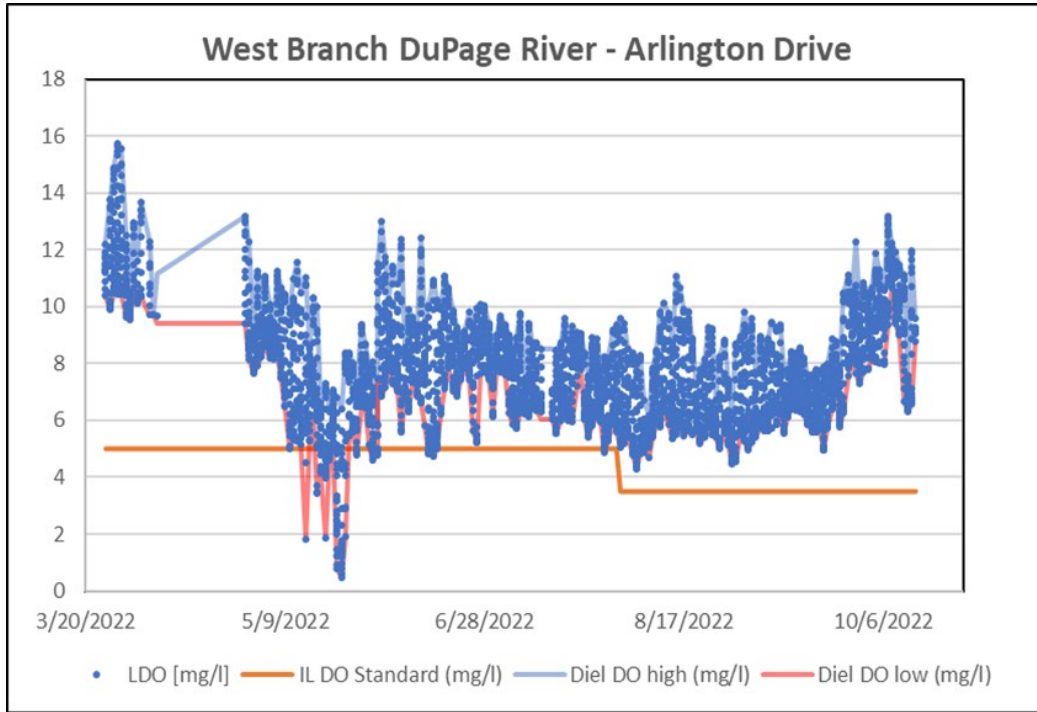


Figure 9. 2022 Dissolved Oxygen plot for the West Branch DuPage River at Butterfield Road (WBRR)

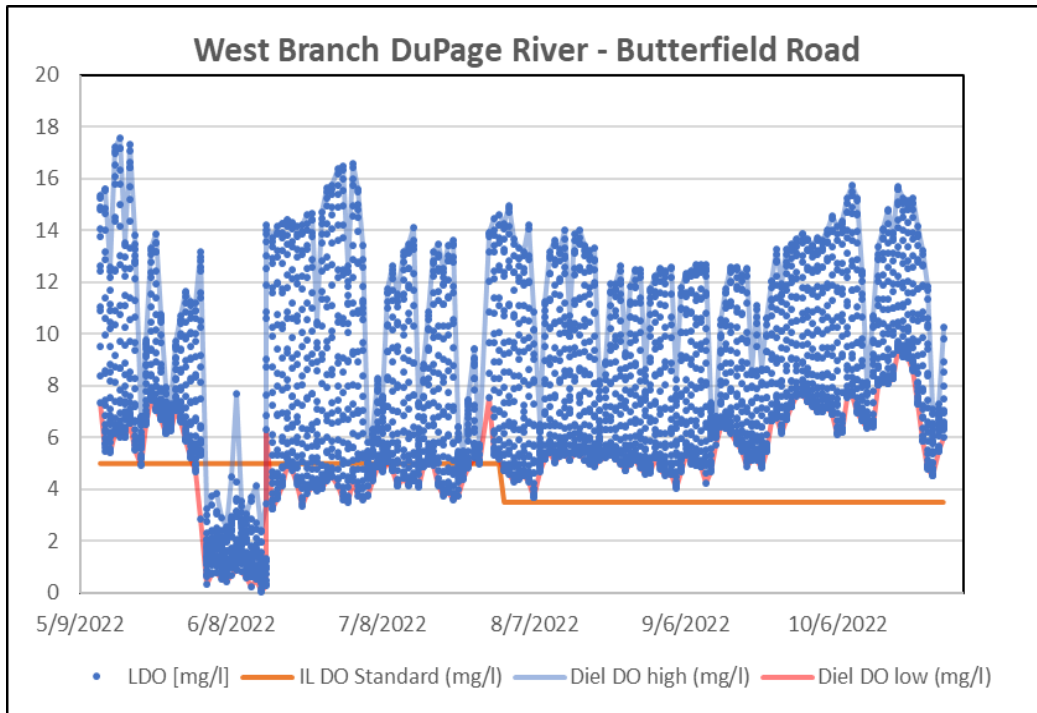




Figure 10. 2022 Dissolved Oxygen plot for the West Branch DuPage River downstream of former Warrenville Grove Dam (WBWD)

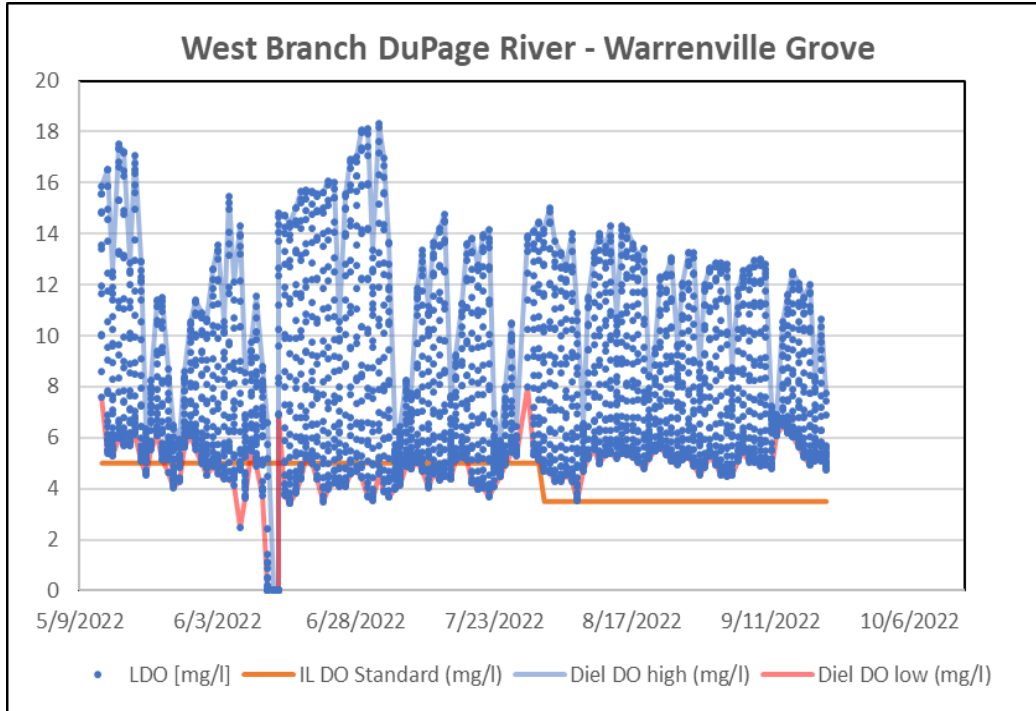


Figure 11. 2022 Dissolved Oxygen plot for the West Branch DuPage River upstream of former McDowell Grove Dam (WBMG)

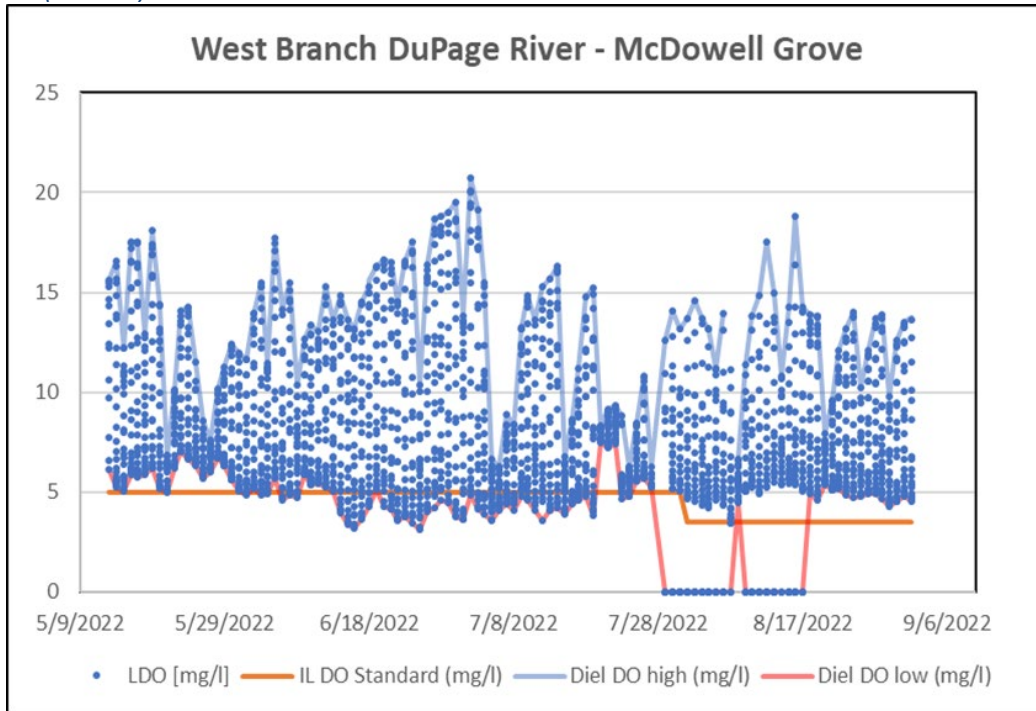




Figure 12. 2022 Dissolved Oxygen plot for the West Branch DuPage River at Bailey Road (WBNPV)

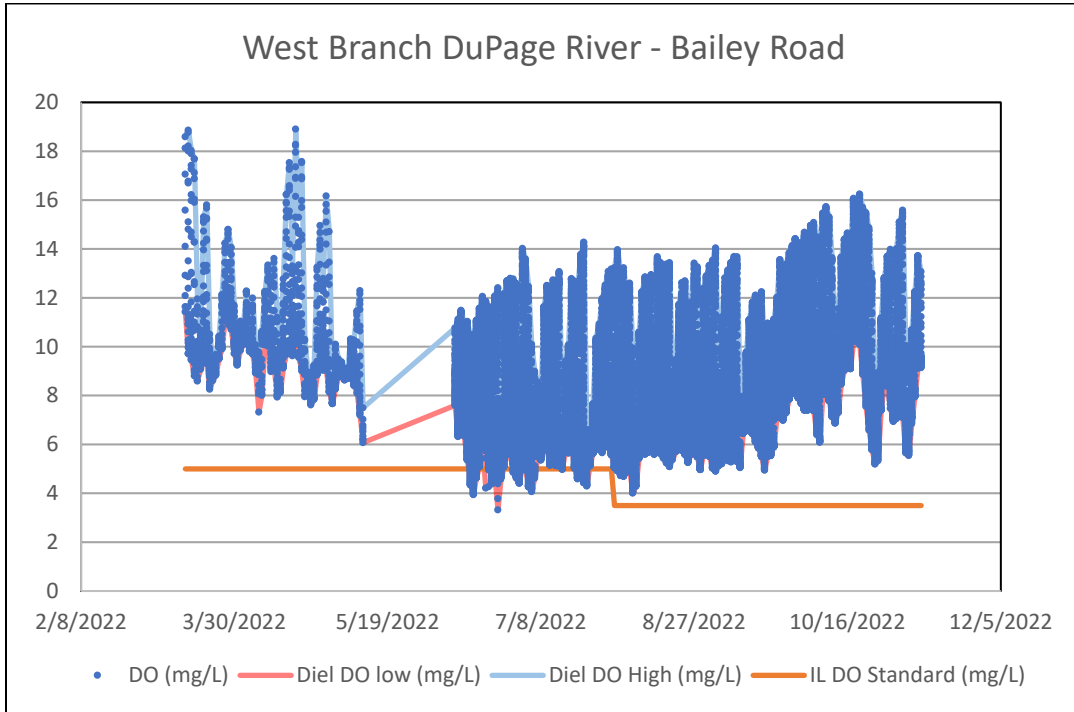


Figure 13. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Army Trail Road (WBAR)

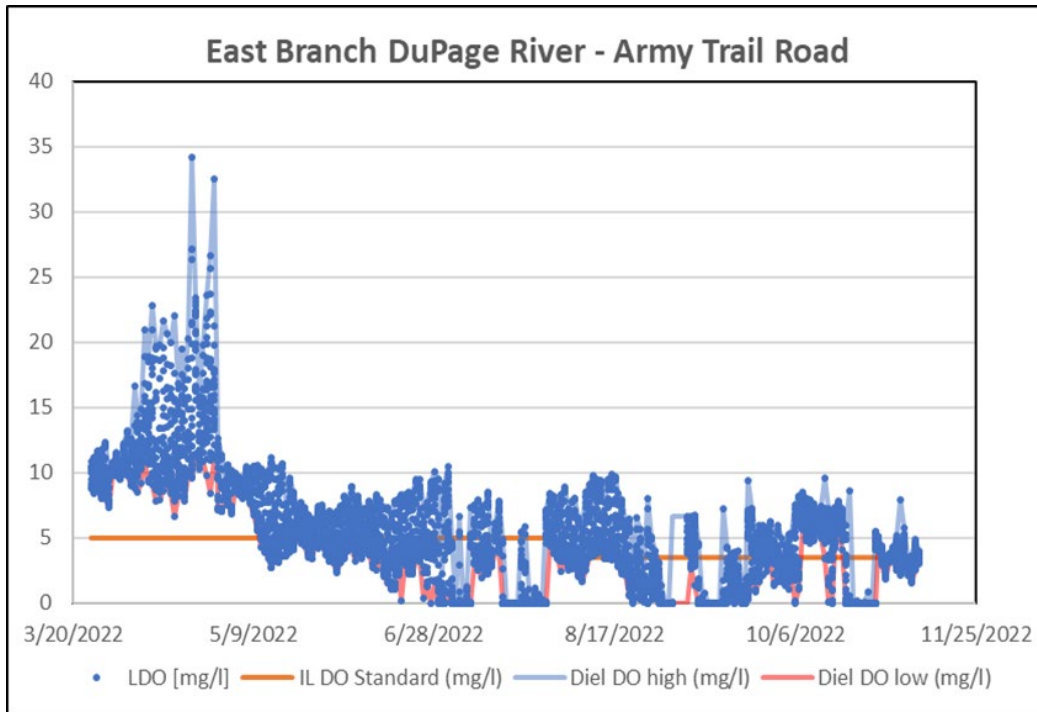




Figure 14. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Crescent Boulevard (EBCB)

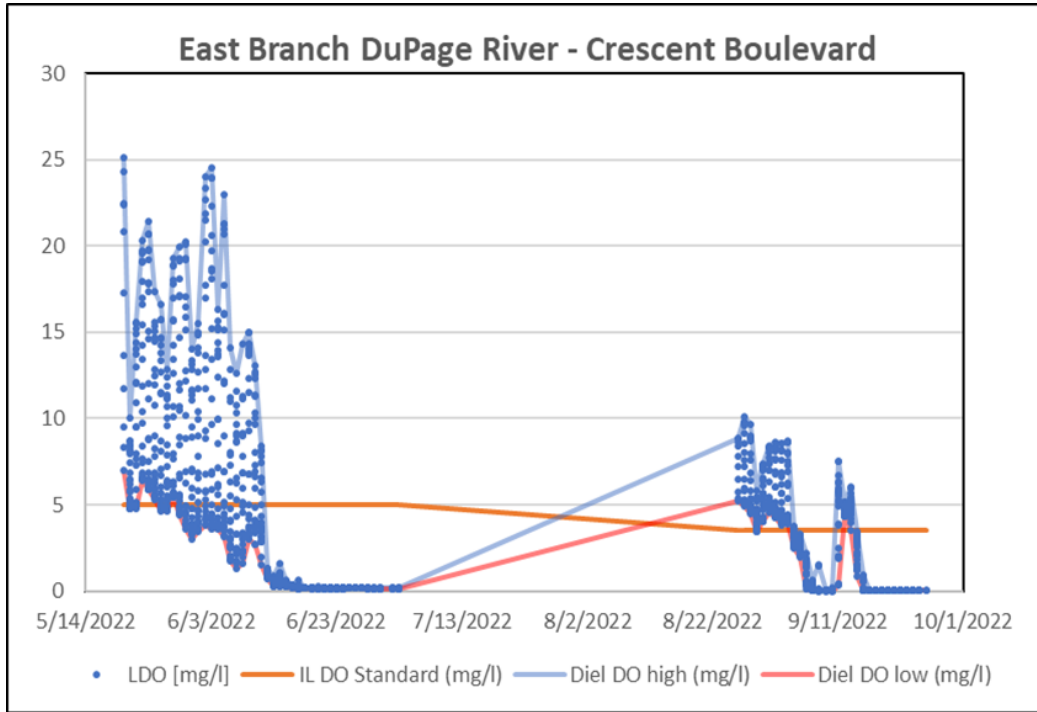


Figure 15. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Hidden Lake Preserve (EBCB)

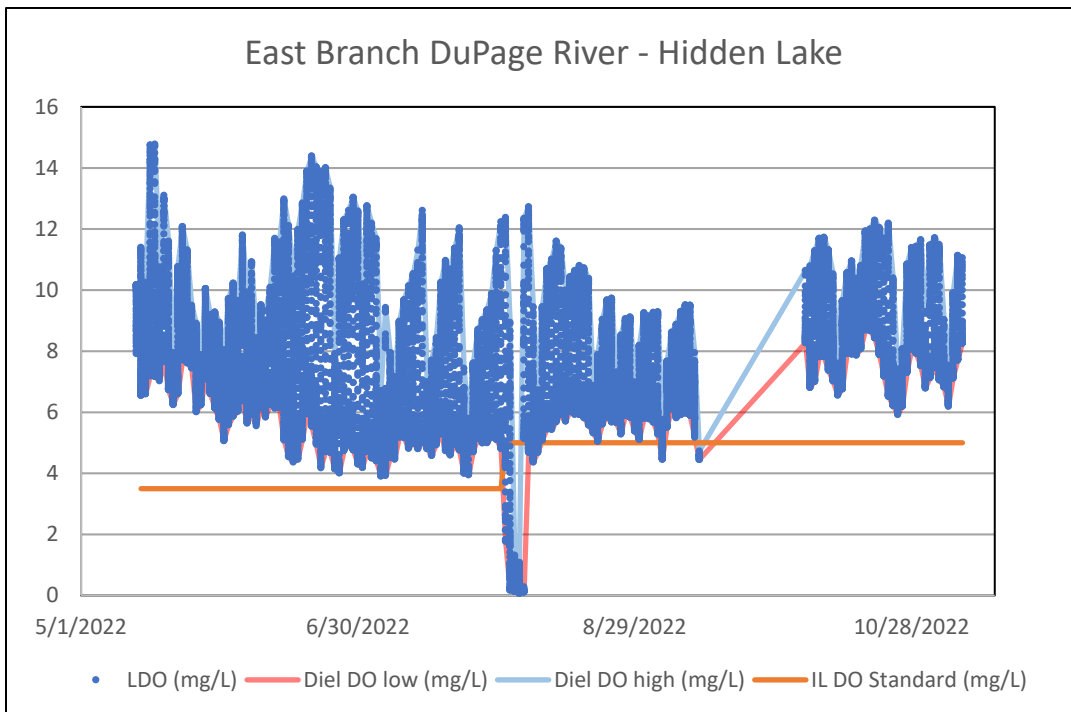




Figure 16. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Hobson Road (EBHR)

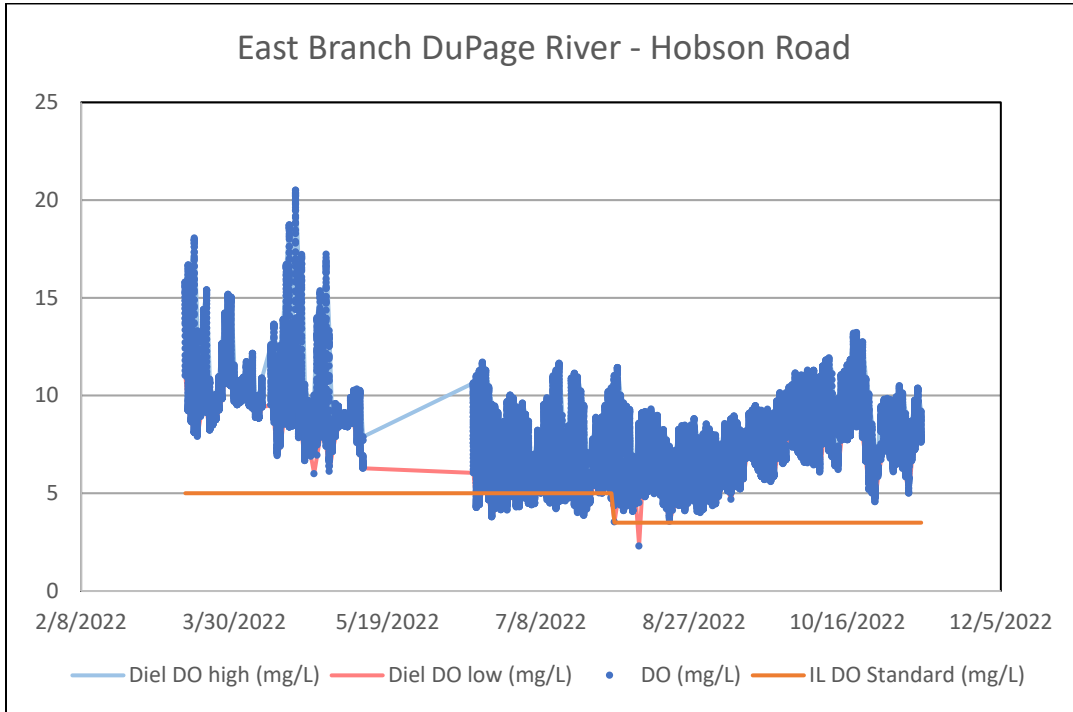


Figure 17. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Whalon Lake (EBWL)

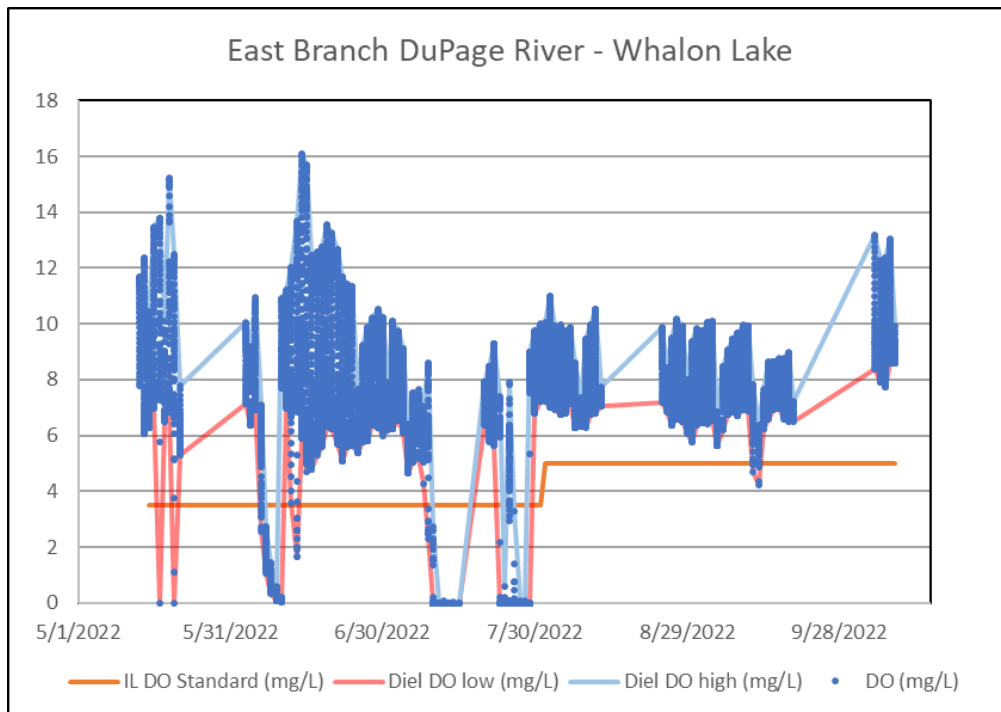




Figure 18. 2022 Dissolved Oxygen plot for Salt Creek downstream of Busse Woods Dam (SCBW)

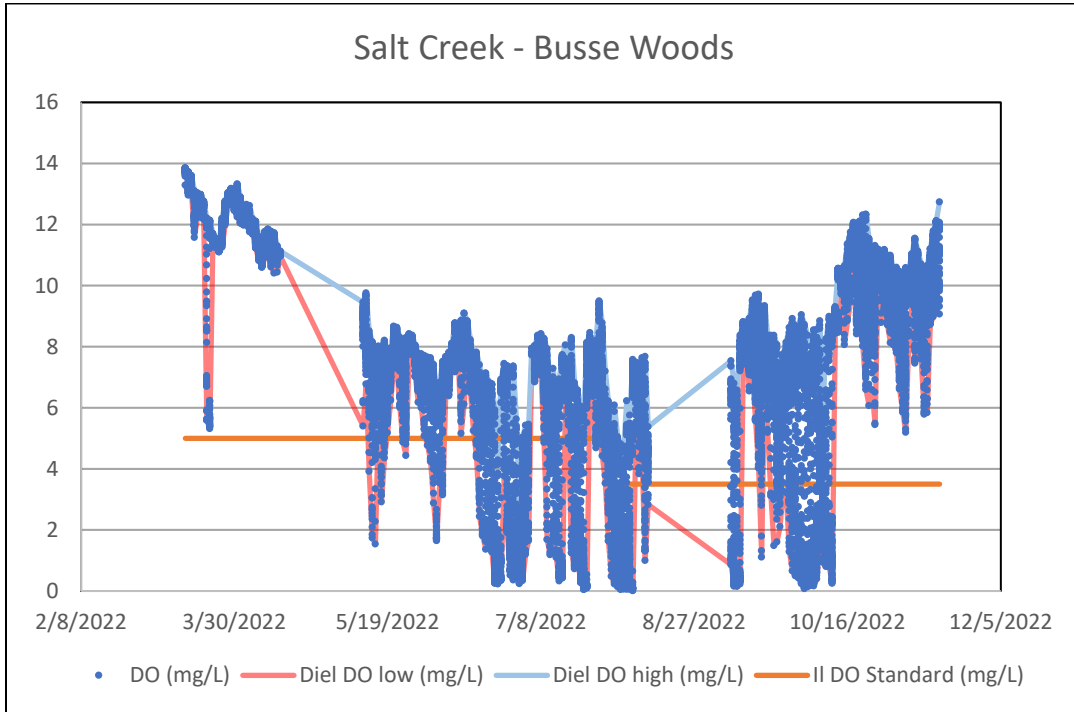


Figure 19. 2022 Dissolved Oxygen plot for Salt Creek upstream of former Oak Meadows Dam (SCOM)

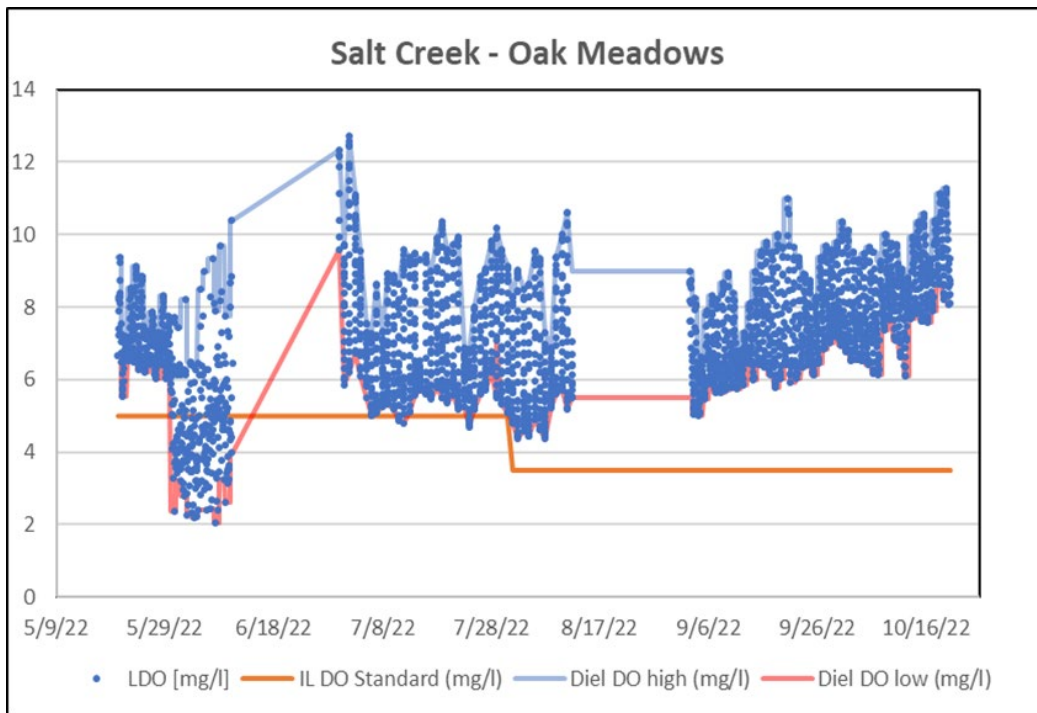


Figure 20. 2022 Dissolved Oxygen plot for Salt Creek at Butterfield Road (SCBR)

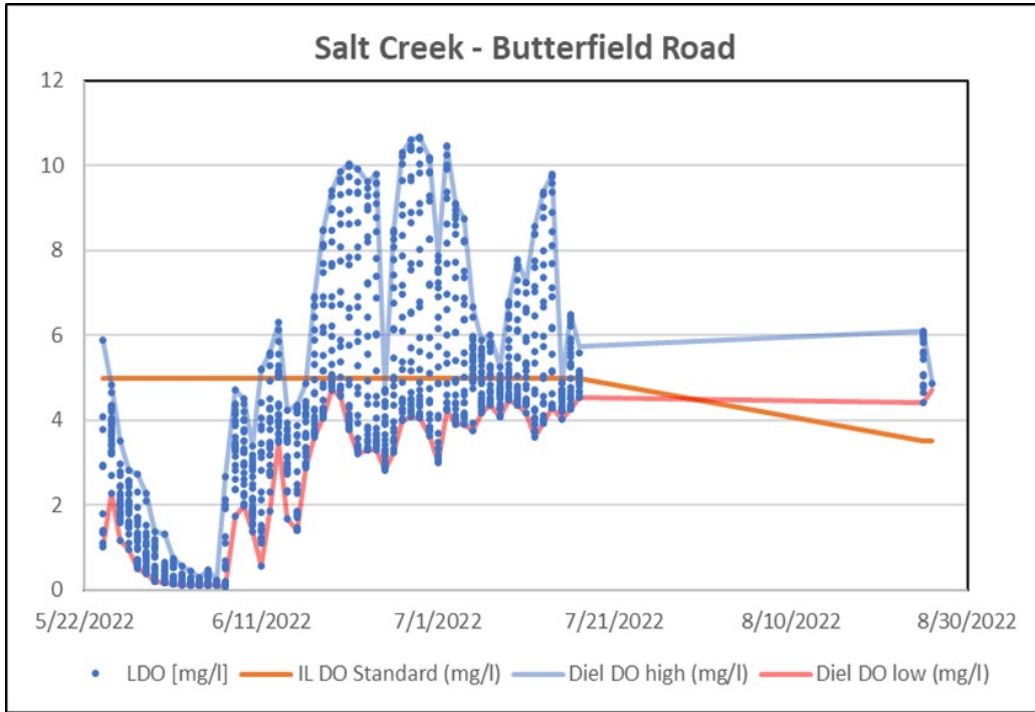


Figure 21. 2022 Dissolved Oxygen plot for Salt Creek in the Fullersburg Woods impoundment (SCFW)

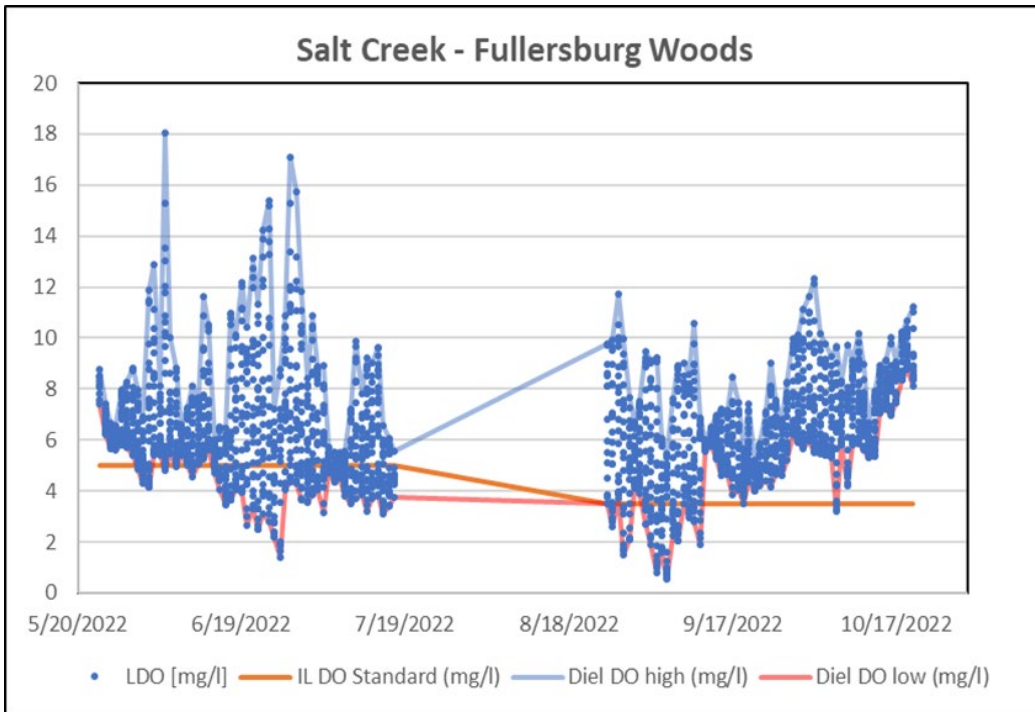
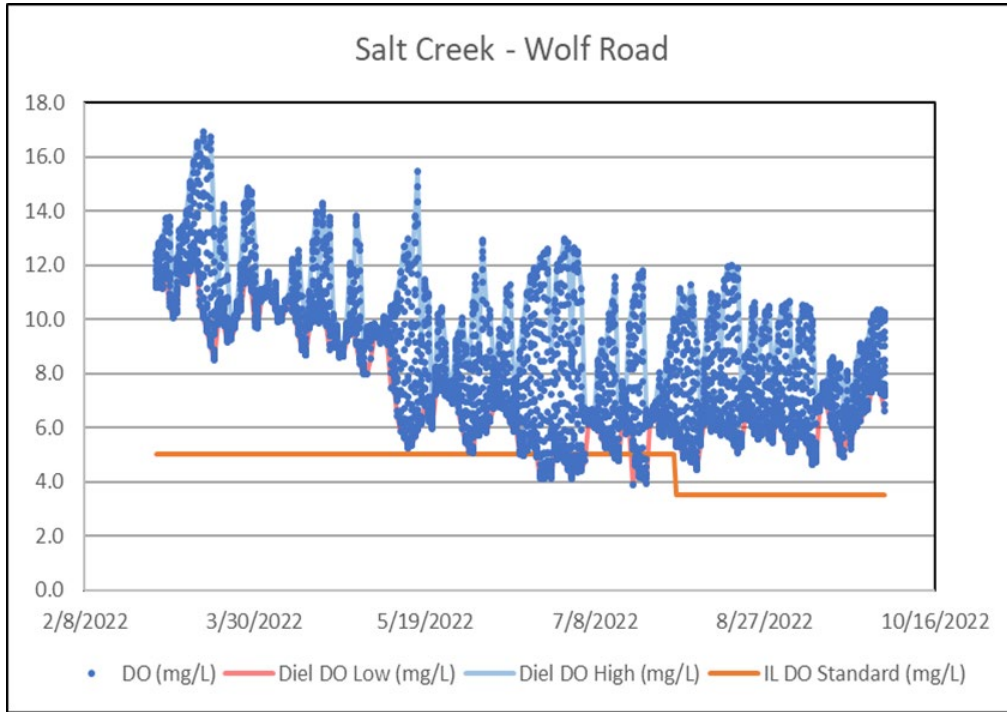




Figure 22. 2022 Dissolved Oxygen plot for Salt Creek at Wolf Road (SCWR)



EXPANDED DO MONITORING

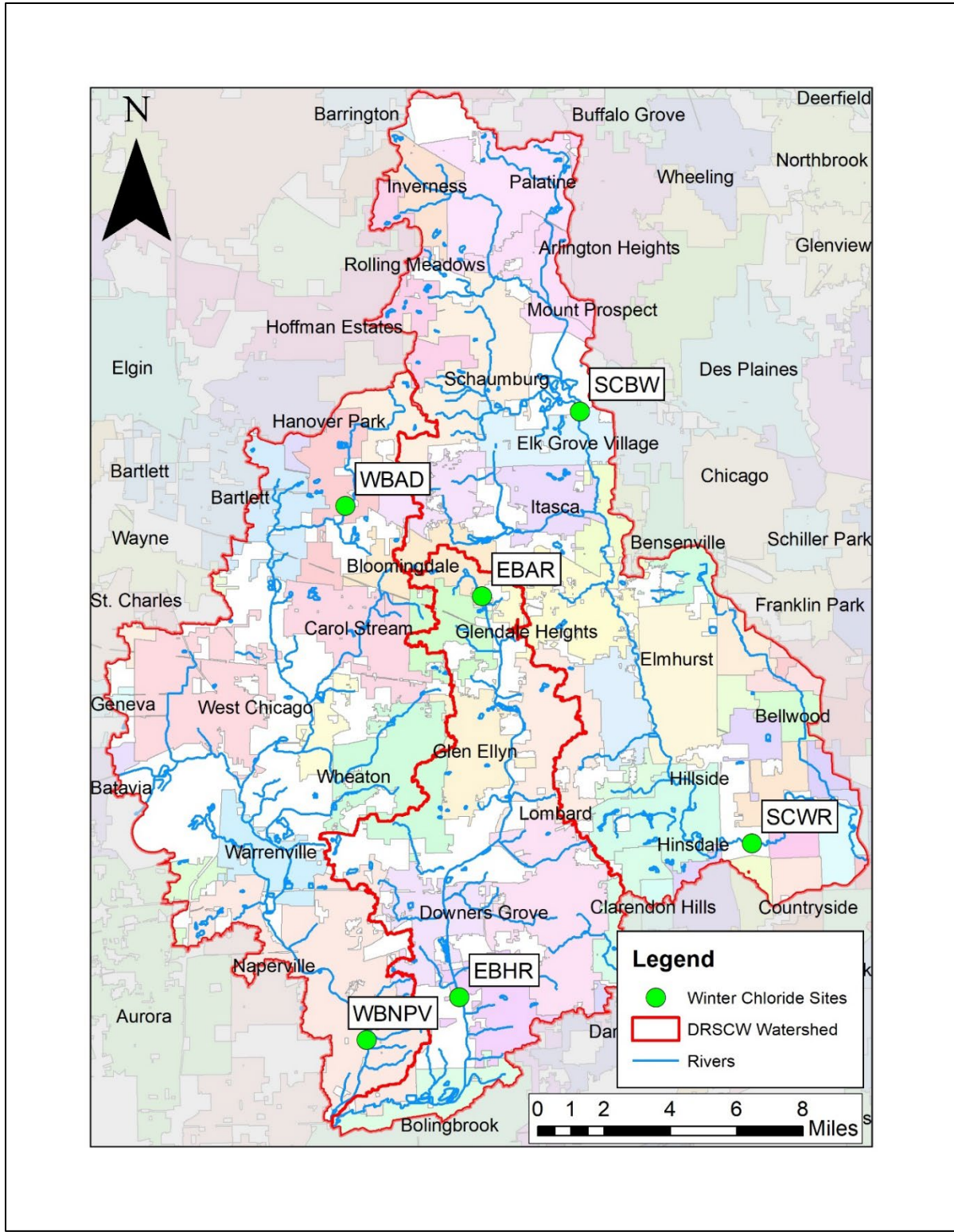
In 2019, the DRSCW began their expanded DO Monitoring Program as a means to collect additional data to support the calibration/validation of the QUAL2Kw models and to support the development of the Nutrient Implementation Plan (NIP). This program is coordinated with the Bioassessment Program (see Table 7 for schedule). No expanded DO sampling was conducted in 2022.

Table 7. Schedule for Expanded DO Monitoring

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



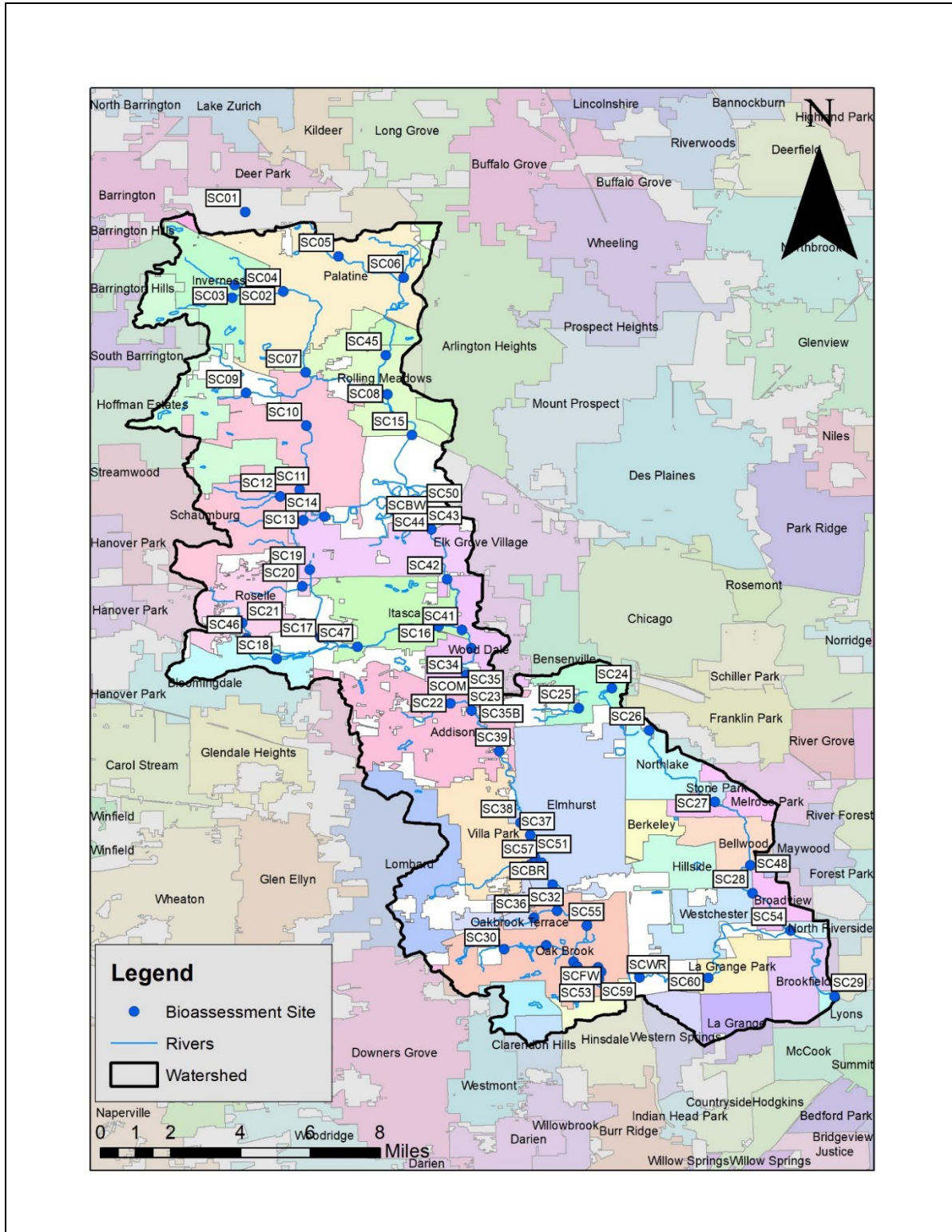
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Map 1. Ambient chloride monitoring sites in the DRSCW watershed (2022)



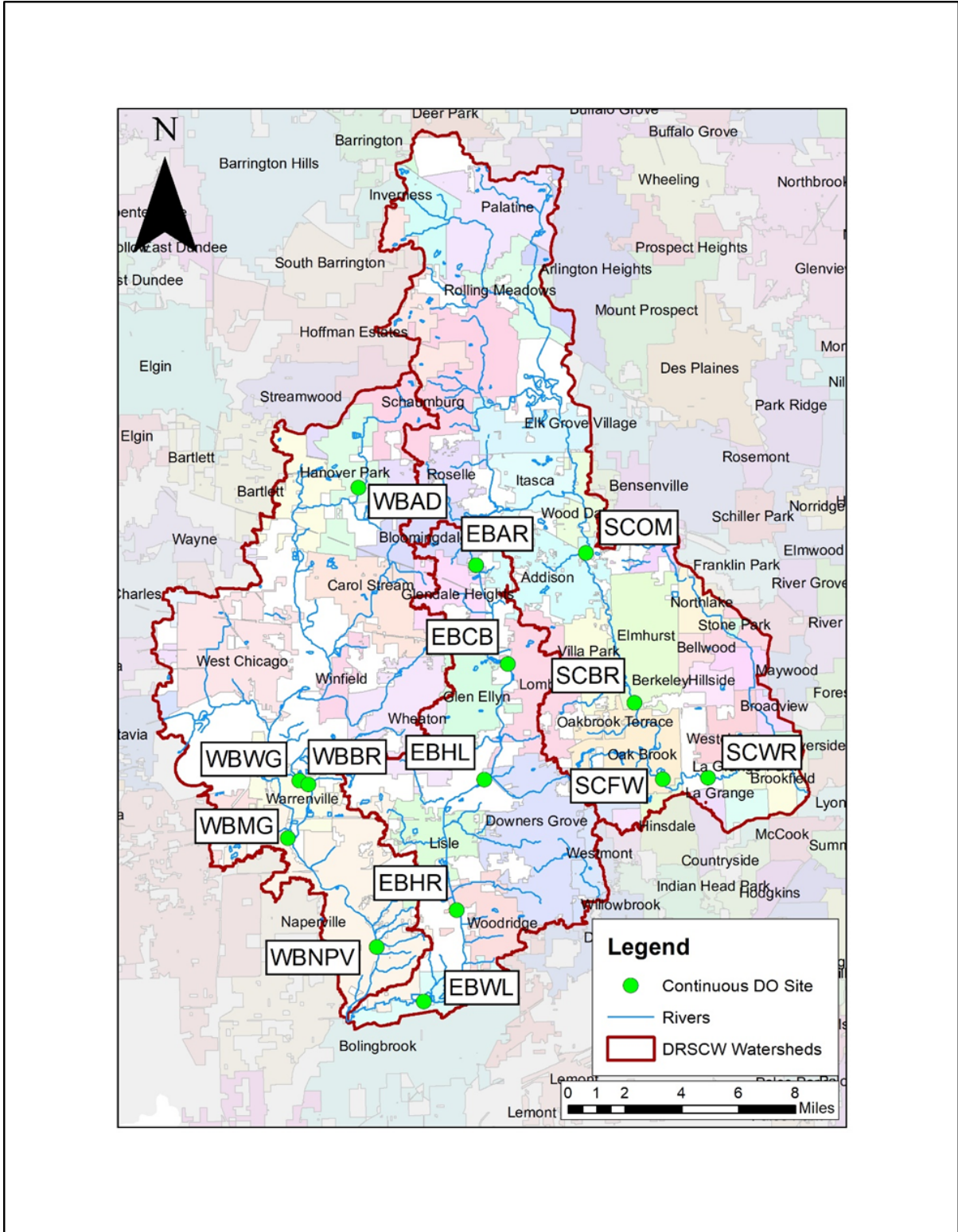
DuPage River Salt Creek Workgroup



Map 2. Bioassessment sites in the Salt Creek watershed (2021)



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Map 3. Continuous DO monitoring sites in the DRSCW watersheds (2022)



DuPage River Salt Creek Workgroup

Attachment 1

2022 Public Roads Deicing Workshop
Attendees List

Attachment 1.

2022 Public Roads Deicing Workshop Attendees (organized by County)

Date	Workshop	Agency	County
October 6th, 2022	Public Roads Deicing Workshop	Village of Arlington Heights	Cook
September 27th, 2022	Public Roads Deicing Workshop	DGO Premium Services Co.	Cook
October 6th, 2022	Public Roads Deicing Workshop	Village of Homewood	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Lemont	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Lemont Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Midlothian Public Works	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Midlothian Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Morton Grove Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Streamwood Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Morton Grove Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Metropolitan Water Reclamation District	Cook
September 27th, 2022	Public Roads Deicing Workshop	Metropolitan Water Reclamation District	Cook
October 5th, 2022	Public Roads Deicing Workshop	Palatine Township Road District	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Park Forest	Cook
October 5th, 2022	Public Roads Deicing Workshop	Richton Park	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Skokie	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of South Holland Public Works Dept.	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Wilmette	Cook
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway	DeKalb
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway	DeKalb
September 27th, 2022	Public Roads Deicing Workshop	Village of Addison	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Bartlett	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Bloomingdale	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Carol Stream	DuPage
October 5th, 2022	Public Roads Deicing Workshop	City of Darien	DuPage
September 27th, 2022	Public Roads Deicing Workshop	Forest Preserve District of Dupage County	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Glen Ellyn	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Glendale Heights	DuPage
October 6th, 2022	Public Roads Deicing Workshop	Village of Glendale Heights	DuPage
October 6th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	DuPage
October 6th, 2022	Public Roads Deicing Workshop	Milton Township Highway Department	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Oak Brook Public Works	DuPage
September 27th, 2022	Public Roads Deicing Workshop	Village of Villa Park	DuPage
October 5th, 2022	Public Roads Deicing Workshop	City of West Chicago	DuPage
October 6th, 2022	Public Roads Deicing Workshop	City of West Chicago	DuPage
September 27th, 2022	Public Roads Deicing Workshop	York Township Highway Department	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Kane County Division of Transportation	Kane county
September 27th, 2022	Public Roads Deicing Workshop	Antioch Township Highway Department	Lake
October 5th, 2022	Public Roads Deicing Workshop	Avon Township highway	Lake
September 27th, 2022	Public Roads Deicing Workshop	Village of Fox Lake	Lake
October 5th, 2022	Public Roads Deicing Workshop	Fox Lake Public Works Streets Dept.	Lake
September 27th, 2022	Public Roads Deicing Workshop	Village of Gurnee Public Works	Lake
October 6th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	Lake
October 5th, 2022	Public Roads Deicing Workshop	Illinois State Toll Highway Authority	Lake
October 6th, 2022	Public Roads Deicing Workshop	Village of Lake Zurich	Lake
October 5th, 2022	Public Roads Deicing Workshop	Village of Lindenhurst	Lake
October 6th, 2022	Public Roads Deicing Workshop	Village of Lindenhurst	Lake
September 27th, 2022	Public Roads Deicing Workshop	Newport Township Highway Department	Lake
September 27th, 2022	Public Roads Deicing Workshop	Village of Round Lake	Lake
October 6th, 2022	Public Roads Deicing Workshop	Village of Bolingbrook	Will
October 5th, 2022	Public Roads Deicing Workshop	Village of Frankfort	Will
October 6th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	Will
October 5th, 2022	Public Roads Deicing Workshop	Village of Manhattan	Will
September 27th, 2022	Public Roads Deicing Workshop	Robinson Engineering, Ltd.	Will
September 27th, 2022	Public Roads Deicing Workshop	Wheatland Twp. Road District	Will
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	Winnabago/Boone



DuPage River Salt Creek Workgroup

Attachment 2

2022 Parking Lots & Sidewalks
Deicing Workshop Attendees List

Attachment 2.

2022 Parking Lots & Sidewalks Deicing Workshop Attendees (organized by County)

Date	Workshop	Agency	County
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Boone
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Beverly Snow and Ice	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Cook County Facilities Management	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Crestwood	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Glenbrook High School Dist. 225	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Glencoe Park District	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Lemont	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Lemont Public Works	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Metropolitan Water Reclamation District	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Metropolitan Water Reclamation District	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Park Forest	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Riverside	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Skokie	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Flossmoor	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Butterfield Park District	DuPage
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Forest Preserve District of DuPage County	DuPage
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	DuPage
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	DuPage County Stormwater	DuPage
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Cornerstone Partners Horticultural Services Co.	Kane
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Fox Valley Park District	Kane
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	City of Kankakee Environmental Services Utility	Kankakee
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	North Shore Water Reclamation District	Lake
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Wauconda	Lake
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Crystal Lake School District #47	McHenry
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	McHenry HS District 156	McHenry
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	McHenry
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Woodstock School District	McHenry
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Milwaukee, WI
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Elwood School District	Will
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Joliet Junior College	Will
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Robinson Engineering, Ltd.	Will
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Will