



# Illinois Environmental Protection Agency

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

## Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

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

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

Report Period: From March, 2020 To March, 2021

Permit No. ILR40 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: 630.407.6676  
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 attached page

#### 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:

05.27.2021

Date:

Director of Stormwater Management

Title:

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

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

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

## SECTION A

DuPage County Stormwater Management (DCSM) submitted a revised Notice of Intent to IEPA on August 27, 2020. Notices of Intent were also submitted by 41 co-permittees in 2020 to partner with DuPage County on the ILR40 Permit requirements. Due to Covid-19 pandemic, adaptations were made when implementing the minimum control measures and best management practices to adhere to stay at home orders and social distancing guidelines. They are described in the following sections of this report.

**SECTION B****A. Public Education and Outreach****A1. Distribution of Paper Material****Goal:**

*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, and are available at the office of each co-permittee MS4. These materials are also available online. 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 will be 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.*

**Milestone:**

*Update or create 2 digital or print materials for distribution by partner agencies.*

**Status:**

During the reporting year, DuPage County Stormwater Management (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: [www.twitter.com/lovebluedupage](http://www.twitter.com/lovebluedupage) , [www.facebook.com/lovebluedupage](http://www.facebook.com/lovebluedupage) , and [www.instagram.com/lovebluedupage](http://www.instagram.com/lovebluedupage) .

Spill Response Fact Sheet (distributed to municipal staff and included in attachments).

DuPage County's 2020 Annual Report (Annual Report on the Stormwater Management Department including flood control, shared services, permitting, and water quality): <https://www.dupageco.org/swm/>)

The following videos were created and posted to the DuPage County Love Blue YouTube page <https://www.youtube.com/user/lovebluelivegreen/videos> during the reporting year:

- Car Maintenance for Residents Video
- Pool Discharge for Residents Video
- Green Roofs for Residents Video
- Landscaping for Residents Video
- Native Plants & Rain Gardens for Residents Video
- Rain Barrel for Residents Video
- Permeable Pavers for Residents Video

- Picking Up After Your Pet for Residents Video
- Winter Deicing for Residents Video
- Leaf Removal for Residents Video
- Managing Leaves for MS4 Communities Video
- Spill Cleanup Practices for MS4 Communities Video
- Native Plant Management for MS4 Communities Video
- Construction Sites for MS4 Communities Video
- Trash & Debris Control Measures for MS4 Communities Video
- Vehicles & Equipment Washing for MS4 Communities Video
- Painting for MS4 Communities Video
- Chloride Storage for MS4 Communities Video
- Impacts of Pollutants on Streams & Environment for MS4 Communities Video
- Managing Grass Clippings for MS4 Communities Video
- Catch Basin Maintenance for MS4 Communities Video
- Street Sweeping for MS4 Communities Video
- Maintaining Permeable Pavers for MS4 Communities Video
- Fuel & Oil Storage & Handling for MS4 Communities Video
- Chemical Storage & Handling for MS4 Communities Video

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 education materials can be found at:

[https://www.dupageco.org/EDP/Stormwater\\_Management/1163/](https://www.dupageco.org/EDP/Stormwater_Management/1163/)

Due to the Covid-19 pandemic and associated social distancing guidelines, distribution of materials at events and in office were limited during the 2020-2021 reporting year. However, the digital brochures were available on websites in pdf form and shared through email and social media links.

## A2. Speaking Engagement

### Goal:

*DCSM will coordinate, host, and present at least one workshop in each watershed per year on topics including water quality efforts for the watersheds, methods for pollutant reduction, during and after construction BMPs, native vegetation, and green infrastructure. Presentations will include information on the potential impacts and effects of stormwater discharge due to climate change as applicable. Each partner agency will be responsible for promoting and advertising workshops within their jurisdictions.*

### Milestone:

*Conduct 7 presentations per year.*

### Status:

Due to the Covid-19 pandemic and associated social distancing guidelines, most in-person events did not occur in 2020. DuPage County and co-permittees adapted by switching to a virtual event format.

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, all workshops and conferences were made available to all residents and professional staff. The following presentations were made by DCSM staff during the reporting year:

Outreach	Date	Location	# of Attendees	General Category	Involvement
2021 Virtual Beyond the Basics Seminar	2/25/2021	Countywide	200/Professional	Event	Sponsor
Salt Creek Workshop	3/4/2020	Salt Creek	50/Professional	Event	Sponsor/Host
Stormwater: Behind the Scenes Webinar	4/30/2020	Countywide	143/Professional	Event	Sponsor/Host
Rainy Days Are Here Again Webinar	4/23/2020	Countywide	134/Professional	Event	Sponsor/Host
Green Roof Webinar	9/10/2020	Countywide	134/Professional	Event	Sponsor/Host
Raise the Bar on Stormwater Design Webinar	10/8/2020	Countywide	184/Professional	Event	Sponsor/Host
Stormwater Runoff & Tree Canopy Webinar	2/11/2021	Countywide	147/Professional	Event	Sponsor/Host
Trees & Water Sensitive Urban Design Webinar	11/12/2020	Countywide	137/Professional	Event	Sponsor/Host
Green STEM: Water Dynamics	6/1/2020	Countywide	20/Professional	Event	Sponsor
Natural Hazard Mitigation Plan Meeting	1/27/2021	Countywide	50/Professional	Event	Presenter

**A3. Public Service Announcement****Goal:**

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

**Milestone:**

*Broadcast 12 messages within the permit area detailing water quality trends.*

**Status:**

During the reporting year, DCSM staff disbursed information throughout the countywide co-permittee area on water quality trends, largely through social media. MS4 co-permittees also distributed information through newsletters, through social media, and on websites (examples in attachments).

- Monthly Newsletter with over 12,000 subscribers  
<http://www.dupageco.org/stormwater/news.aspx>
- Facebook, Twitter & Instagram with more than 1,200 followers  
[www.twitter.com/lovebluedupage](http://www.twitter.com/lovebluedupage)  
[www.facebook.com/lovebluedupage](http://www.facebook.com/lovebluedupage)  
[www.instagram.com/lovebluedupage](http://www.instagram.com/lovebluedupage)
- YouTube with 20 outreach/training videos with approximately 17,000 combined views  
<https://www.youtube.com/user/lovebluelivegreen>

**A4. Community Event****Goal:**

*DCSM will coordinate with partner agencies to present at community events in each watershed on topics including water quality efforts for the watersheds and pollutant reduction, native vegetation, and green infrastructure.*

**Milestone:**

*Host or participate in 3 events per watershed per year to educate the public on water quality topics.*

**Status:**

In a typical year, DCSM and co-permittee staff attend, presents at, sponsor, and host events throughout the county to educate the public about water quality topics and issues. Due to Covid-19, many events were cancelled for 2020. However, this was supplemented by hosting, presenting at, and attending several virtual events. These events are advertised by DCSM and can be shared by co-permittees through newsletters and social media. During the reporting year, the following events were hosted, attended, and/or presented at:

Events hosted /attended/ presented at by DuPage County staff and open to all members of the public in all co-permittees areas:

Outreach	Date	Location	# of Attendees	General Category	Involvement
Detention Basin Webinar	4/16/2020	Countywide	167/Public	Event	Sponsor/Host
Water Quality at Home Webinar	5/14/2020	Countywide	207/Public	Event	Sponsor/Host
Celebrating OAKtober with a Healthy Yard	10/21/2020	Countywide	93/Public	Event	Sponsor/Host
Salt Smart, Save More Webinar	11/18/2020	Countywide	61/Public	Event	Sponsor/Host
Leave the Leaves Webinar	9/16/2020	Countywide	227/Public	Event	Sponsor/Host
Improving Soils Naturally Webinar	2/17/2021	Countywide	387/Public	Event	Sponsor/Host
Critters in the Streams Webinar	1/20/2021	Countywide	96/Public	Event	Sponsor/Host

Events hosted /attended/ presented at by co-permittees:

MS4	Event
Addison Township	Electronic Recycling, and Rain Barrel Presentation to the Township Board
	Distribute 'After the Storm' brochures to our participating residents at E- Cycle events



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	The Addison Township Highway Department has implemented a Tree replacement program for its residents and has added a pollinator garden to the township property.
Burr Ridge	The Village hosts an electronics and textiles recycling site, operated by DuPage County, at 451 Commerce St., Burr Ridge, open weekdays from 7 a.m. to 3 p.m.
Carol Stream	The Village conducts outreach regarding water quality issues through several electronic formats that include e-Newsletters, Facebook, Twitter, and TV Channel 6.
Downers Grove	The Village hosted a rain barrel sale in July 2020 – 161 rain barrels and 2 composters were sold.
	Two staff members were judges for the sustainable design contest hosted by DuPage County and SCARCE.
Elmhurst	In addition to the County events, City staff attended multiple APWA, IASFM, and DuPage River Salt Creek Workgroup events. The City also hosted several community events in conjunction with local organizations like The Conservation Foundation. The City has also started providing and requiring MS4 stormwater pollution prevention training for City staff and contractors.
	Elmhurst offers discounted rain barrels for sale with free delivery.
	<ul style="list-style-type: none"> <li>• Elmhurst offers curbside recycling, yard-waste, and compost pick-up.</li> </ul>
	<ul style="list-style-type: none"> <li>• Elmhurst hosts quarterly electronics recycling events at the Public Works Garage.</li> </ul>
	<ul style="list-style-type: none"> <li>• Elmhurst hosts an annual pumpkin recycling event.</li> </ul>
	<ul style="list-style-type: none"> <li>• Elmhurst hosts an annual cooking oil recycling event.</li> </ul>
Glen Ellyn	Employee volunteered as a judge at 14th Annual DuPage C. & SCARCE Sustainable Design Challenge (May 4-8, 2020).
	Many of the other normal events (Earth Day, Prairie Path Cleanup, etc.) were canceled, altered, or held virtually due to COVID
Glendale Heights	Hosts Health and Safety Fair and provides residents and other interested parties information related to stormwater quality at the fair.
	The Village also visits local schools for Public Works Week and discusses stormwater and related issues with students.
Hanover Park	Virtual Environmental Committee meetings.



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	We participate in the DuPage River Salt Creek Workgroup. We provide information on water quality best management practices in our bi-monthly newsletter as well as occasionally in other Village electronic media (e-newsletter and social media).
Lisle	The Village hosted a Flood Awareness meeting on April 20, 2020 that included a presentation by Village staff to promote flood awareness in Lisle. DuPage County held multiple presentations regarding water quality throughout the year. The Village advertised these events via the Village website and Facebook posts.
Warrenville	Promote Water Quality publications through monthly City newsletter (Hometown Happenings attached)
	Public Works Week Open House (May 2020). See attachments.
	Our City newsletter reminds the residents that the City does Brush Pickup, participates in Arbor Day, Recycling, and river cleanups. See attached.
Wayne Township	Send out quarterly postcards and have articles in our monthly newsletters. Storm water information and pollution prevention tips are included in the Road District Newsletter.
	A rain barrel sale was hosted through the Conservation Foundation and a native plant sale was hosted through the DuPage County Forest Preserve District. These were advertised in the Wayne Township Road District Newsletter.
	We do provide brush pick up 5 times a year, part of our bush contract requires to use a portion of the brush and make it into mulch. We then provide 1200 yards of this mulch to our residents each year through a mulch lottery program.
	Yearly steps are being taken to start a yearly ditch cleaning program in the Road District.
	We also provide Christmas light recycling from November to March.
West Chicago	Annual Water Quality Reports are mailed to every customer, made available on the City website, as well as available at City Hall and Public Works.
Westmont	Provides Village of Westmont specific recommendations for Fall and Winter stormwater management practices
	Sponsors a rain barrel program
Wheaton	Pumpkin Composting, Native Plant Sale, Paper Shredding
	The Electronics Recycling Program had over 1875 cars come through and drop off electronics to be recycled during monthly events.

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	The collection of fluorescent lights totaled 850 light bulbs
	Over 591 gallons of cooking oil was collected and 155,207 lbs of paper shredded and recycled.
	Over 3000 lbs of paint, 48 syringes, 13,500 lbs of textiles were collected and recycled.
Winfield Township	HDA Meetings
Woodridge	Village delivered notices throughout the year to the public through various methods containing articles related to environmental issues and water quality and appropriate disposal of various items via groups such as SCARCE, the Conservation Foundation, DuPage County stormwater information, and the Village. These efforts focused on prescription drug take back (permanent drop off box located in the Woodridge Police Department), free leaf collection and disposal, proper disposal of the American Flag, donating blue jeans for the homeless, latex paint and electronics recycling, household hazardous waste, used cooking oil, amongst other activities throughout the year.
	In April 2020, the Village of Woodridge sponsored Arbor Day activities with a local grade school along with being named a Tree City USA for the 29th year.
	The Village, through its waste hauler, offered a Christmas Tree recycling program in January 2021.
York Township	We offer a free year-round Electronics Recycling Program for York Township residents.

Community Events hosted/ attended by S.C.A.R.C.E. - supported by DuPage County:

Countywide SCARCE Events:

Outreach	Date	Location	# of Attendees
2020 Virtual Sustainable Design Challenge	4/1/2020	Countywide	100/Public
Pumpkin Smash 2020	11/7/2020	Countywide	62 Tons/Public
2020 Thanksgiving Cooking Oil Collection	11/28/2020	Countywide	408 Gallons/Public

Group SCARCE Events:

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

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

Date	Education	Type	Group	Town	# of Participants
3/5/2020	RB, NP, PP, SWM, BMP, Q&Q, Rx, COO, COC, COR, GC	B	Invesco	Downers Grove	45
3/10/2020	Q&Q, LP, Rx, BMP	GOV. / COM.	Lisle Library District	Lisle	22
3/12/2020	RB, NP, PP, SWM, BMP, Q&Q, RXx, COC, COO, Nutrient Load, Flooding in DPC, GC, LP	GOV.	Village of Wood Dale	Wood Dale	56
4/8/2020	Webinar - SWM, COO, COC, BMP	COM.	SCARCE	Addison	32
4/14/2020	COO, COC, COR, GC, Newsletters	COM. / GOV.	Warrenville Public Library	Warrenville	44
4/15/2020	Webinar - NP, RB, SWM, BMP, Q&Q, COO, COC, Phos. , Nutrient Load	COM.	SCARCE	Addison	59
4/17/2020	Podcast - Q&Q, RB, PP, SWM, BMP, Rx, COR, Phos., Nutrient Load		SCARCE	Addison	67
4/22/2020	Earth Day Trivia - Q&Q, BMP, LP, COO, COC, NP, SDM, WQF, Phos., Nutrient Load	COM.	SCARCE	Addison	75
4/22/2020	The Lorax - Q&Q, BMP, LP	COM.	SCARCE	Addison	87
4/23/2020	Q&Q, BMP, COO, COC, COR, LP, Rx	B.	Ace Hardware	Oak Brook	21
4/29/2020	Staff Training - SWM, Q&Q, BMP, RB, NP, Rx, COO, COC, COR, LP	GOV.	Village of Clarendon Hills	Clarendon Hills	37
4/30/2020	NP, SDM, LP	GOV.	Village of Wood Dale	Wood Dale	2
5/4/2020	Program & Workshop Opportunities, COC, Rx, COR, Newsletters	B	Main Street Realitors	Downers Grove	89
5/5/2020	RB, COO, NP, BMP, Q&Q, Lead-Free Hoses	GOV. / COM.	DPC Sheriff Department / JUST	DuPage County	7
5/6/2020	COC, SWM. BMP	COM.	SCARCE	DuPage County	36
5/11/2020	NP, Q&Q, RB	COM.	SCARCE	Addison	57
5/12/2020	Rx, COR	COM.	College of DuPage	Glen Ellyn	1

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5/14/2020	Program & Workshop Opportunities, WQF, Q&Q, Nutrient Load, Rx, GC, COR, WSM, BMP, RB, PP, BS, GR, Flooding in DPC, NP, CW, Beet - 55, Lead - Free Hose, Fertilizer & Pesticides, COC, COO, LP, SDM, SDC, Newsletters	GOV. / COM.	DuPage County	DuPage County	205
5/14/2020	SDC	GOV. / COM.	DuPage County	DuPage County	1
5/19/2020	Program & Workshop Opportunities, WQF, RB, COO, COC, SWM, Pesticides & Fertilizer, Lead - Free Hose, Newsletters	GOV. / COM.	DuPage County Health Department / Forward DuPage	DuPage County	43
5/20/2020	NP, Q&Q, Lead-Free Hose, Pesticides, SDM, CW, LP, COO, COR, Rx, Newsletters	COM.	SCARCE	Addison	47
5/21/2020	LP, Q&Q, RB, BMP, Rx	COM.	Girl Scouts - Prospect E.S.	Clarendon Hills	21
5/21/2020	Program & Workshop Opportunities, WQF, RB, Q&Q, SWM, LP, SDM, Lead - Free Hose, COC, COR, Rx, Newsletters	COM.	League of Women Voters	Wheaton	39
5/22/2020	RB, COO, NP, BMP, Q&Q, Lead-Free Hoses	GOV. / COM.	DPC Sheriff Department / JUST	DuPage County	7
5/24/2020	Rx, COR	COM.	College of DuPage	Glen Ellyn	572
5/26/2020	Program & Workshop Opportunities, WQF, Q&Q, RB, Lead-Free Hose, COO, COC, NP, Newsletters	GOV. / COM.	DuPage County Health Department / Forward DuPage	DuPage County	41
5/27/2020	Program & workshop Opportunities, WQF, RB, Q&Q, Lead - Free Hose, COC, COO, NP, Newsletters	COM.	SCARCE	Addison	48
6/1/2020	Staff Training	GOV.	Village of Wood Dale	Wood Dale	35
6/16/2020	WQF, COR, COO, COC, LP, Rx, Newsletters, Q&Q	COM.	Roselle Rotary Club	Roselle	11
7/7/2020	Meeting to Discuss SCARCE Education Contract & Programs	GOV.	DuPage County	Wheaton	1
7/17/2020	Planning Meeting for Clarendon Hills Water Quality Flag Ceremony	GOV.	DuPage County	Wheaton	3
7/22/2020	Reading of Turtle Splash	COM.	SCARCE	Addison	39

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7/26/2020	COR	GOV.	Milton Township	Wheaton	2
7/28/2020	Stormdrain Medallion Training	COM.	SCARCE	Villa Park	2
8/11/2020	Q&Q, COR	COM.	Naperville Rotary After Dark	Naperville	20
8/17/2020	Planning Meeting For Upcoming Semester, Program & Field Trip Opportunities	COL.	College of DuPage	Glen Ellyn	1
8/17/2020	Q&Q, RB, Cisterns, GR, Lead- Free Hoses, GR, NP	COM.	Suburban Garden Club	Hinsdale, Darien, Clarendon Hills, Downers Grove, Glen Ellyn	20
8/26/2020	Q&Q, LP - E Learning Landing Page on SCARCE's website	COM.	SCARCE	Addison	
9/9/2020	WQF	GOV.	Glen Ellyn Park District Environmental Advisory Committee	Glen Ellyn	9
9/10/2020	SDM Training	COM.	Resident of Bartlett	Bartlett	1
9/14/2020	Quarry Video	GOV.	DuPage County Stormwater	Wheaton	8
9/17/2020	Newsletters, Podcast, Q&Q, Rx, COR	COM.	Lord of Life Church - Senior Spirits	Darien	14
9/22/2020	COO, COC, BMP, SWM, Q&Q	COM.	SCARCE	Addison	4
9/23/2020	COO, COC, BMP, SWM, Q&Q	COM.	SCARCE	Addison	2
9/23/2020	SDM	COL.	College of DuPage	Glen Ellyn	1
9/25/2020	COR, Community Gardens, Lead- Free Hoses -Earth Chats Podcast	COM.	SCARCE	Addison	4
10/1/2020	SDM Videos - In Spanish	COM.	SCARCE	Addison	28
10/1/2020	Lead - Free Hoses, NP, Q&Q, BMP	COM.	Hawthorn Garden Club	Glen Ellyn	15
10/2/2020	Q&Q, LP, SDM, BMP	COM.	Elmhurst Garden Club	Elmhurst	2
10/5/2020	COR, BMP - Earth Chats Podcast	COM.	SCARCE	Addison	15
10/14/2020	WSM - RB, NP, PP, GR, BMP, SWM, Q&Q, Rx, LP, SDM	COM.	Girl Scouts	Downers Grove	16
10/16/2020	NP, Meeting to Discuss Their Four Compost Bins & Expanding Their Pollinator Garden	GOV.	Hope's Garden	Wheaton	4
10/16/2020	Pumpkin Smash Video - Spanish	COM.	SCARCE	Addison	36
10/16/2020	Pumpkin Smash Video - English	COM.	SCARCE	Addison	72
10/17/2020	LP, Q&Q, RB, BMP, Rx, Upcoming Events	COM.	Girl Scouts	Downers Grove	16

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10/19/2020	WQF	GOV.	Village of Clarendon Hills	Clarendon Hills	18
10/31/2020	Q&Q - Mercury Containing Devices Collection	GOV. / COM.	City of Wheaton	Wheaton	29
11/2/2020	RB, NP,PP, SWM, BMP, Q&Q, GR, Rx,COC, COO, COR, GC, LP, SDM	COM.	Darien Garden Club	Darien	33
11/7/2020	COC	COM.	SCARCE	DuPage County	1661
11/11/2020	Program & Workshop Opportunities, LP, Pollinators, COO, COC, Pumpkin Composting, COR, Cisterns, RB, GR, Lead-Free Hoses, NP, Rx, Newsletters, Earth Chats Podcast	COM.	Pleasant Dale Garden Club	Burr Ridge	16
11/18/2020	SDC Planning Meeting	GOV. / COM.	DuPage County / SCARCE	DuPage County	1
11/19/2020	Cooking Oil Recycling - Upcoming Collection Event, SDM	COM.	WDCB Radio	Glen Ellyn	1
11/19/2020	Cooking Oil Recycling Video - English Version	COM.	SCARCE	Addison	128
11/19/2020	Cooking Oil Video - Spanish Version	COM.	SCARCE	Addison	15
11/28/2020	Q&Q, COR - Cooking Oil Collection Event	COM.	SCARCE	DuPage County	108
12/2/2020	RB, NP, PP, GB, SWM, BMP, Q&Q, SDM, LP, Rx, COO, COC, COR, GC, SDC, Nutrient Load	COL.	College of DuPage	Glen Ellyn	26
12/6/2020	SDM	COM.	Air 1 radio	Glendale Heights	1
12/14/2020	Planning Meeting for Next Semester	COL.	College of DuPage	Glen Ellyn	1
12/15/2020	SDC Meeting	GOV.	DuPage County	Addison	1
12/17/2020	WQF, Discussed Finishing WQF process, Remaining Steps to Complete	GOV.	Glen Ellyn Park District	Glen Ellyn	1
1/6/2021	SDM, Rx, COR, COC, Q&Q	GOV. / COM.	Aurora Public Library	Aurora	13
1/8/2021	SDC Meeting	GOV.	DuPage County	Addison	1
1/12/2021	Newsletters, Podcasts, Q&Q, SDM, Rx, COR	COM.	SCARCE	Addison	21
1/19/2021	Q&Q, NP, BMP, SDM, LP	COM.	Rotary Club	DuPage County	17
1/26/2021	WSM- Q&Q, BMP, SWM, RB, PP, NP, GR, Rx, LP, SDM, COC, COR	COM.	Cub Scouts	Glen Ellyn	13

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1/27/2021	Newsletters, Podcasts, Q&Q, SDM, Rx, COR	COM.	SCARCE	Addison	28
2/2/2021	SDM, COO, COC	COM.	Northwestern Suburban Women's Club	Medinah, Roselle, Bloomingdale	4
2/4/2021	STEM CON Planning Meeting	GOV. / COM.	DPC / College of DuPage	Addison	1
2/9/2021	Downsize & Declutter without the Dumpster Workshop	COM.	SCARCE	Addison	12
2/10/2021	SDC, SDM, LP, COC, Rx	COM.	AAUW Elmhurst Area Branch	Elmhurst	25
2/16/2021	How to Protect Water Quality in your Home, Your Yard and Your Community	COM.	SCARCE	Addison	4
2/16/2021	How to Protect Water Quality in your Home, Your Yard and Your Community	COM.	SCARCE	Addison	3
2/18/2021	WSM, RB, PP, Q&Q, NP, SWM, BMP, GR, Rx, COO, COC	COM.	Cub Scouts	Glen Ellyn	16
2/18/2021	SDM, COO, COC, COR, Rx	COM.	Winfield Mom's	Winfield	19
2/22/2021	WQF Ceremony Planning Meeting	COM.	Cantigny	Winfield	2
2/24/2021	Workshop & Program Opportunities, Q&Q, Rx,GC,LP, COR, SDM, Nutrient Load, RB, PP, NP, SWM, GR, Flooding in DPC, COO, COC	COL.	College of DuPage - Eco Club	Glen Ellyn	22
2/27/2021	WSM	COM.	Illinois Institute of Technology	Addison	18



**A5. Classroom Educational Material****Goal:**

*DCSM will partner with schools and local educational organizations throughout the partnership 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:**

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). School and classroom education was limited during the reporting year due to Covid-19 stay at home orders and social distancing guidelines. 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

Type: T- Teacher, St- Student, Admin- Administration

Date	Education	Type	Group	Town	# of Participants
3/6/2020	Q&Q, COO, COC,	T, ST	Lincoln E.S.	Elmhurst	10
3/11/2020	RB, NP, PP, SWM, BMP, Q&Q, Rx, COO, COC, COR, GC	T, ST	York H.S.	Elmhurst	13
3/12/2020	WSM - RB, PP, SWM, BMP, Q&Q, Flooding in DPC, GR, BS, Rx, COC, Nutrient Load, LP	T, ST	Western Trails E.S.	Carol Stream	9
4/20/2020	Q&Q, BMP, COO, COC, COR, Rx, LP	T, ST	Walker E.S.	Clarendon Hills	50
4/27/2020	Webinar - SDC, GB, BMP, PP, SWM, GR, NP	T, ST	SCARCE / Wight & Company	DuPage County	6
5/1/2020	Sustainable Design Challenge	T, ST	DuPage County / SCARCE	Wheaton	4
7/23/2020	Utilizing Technology for E Learning, Program Opportunities	T/ ADMIN	Tony Schorft	Addison	2

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8/28/2020	E-Learning, WSM, Program Possibilities	T	School District 41	Glen Ellyn	1
9/18/2020	Inservice to Curriculum Directors	T	Regional Office of Education	DuPage County	37
11/6/2020	Q&Q	T	Hinsdale Community Preschool	Hinsdale	8
12/2/2020	WQF, Planning Meeting for Earning WQF	T	Ardmore Elementary	Villa Park	1
1/28/2021	Q&Q, LP, SDM, SDC	T,ST	Neuqua Valley H.S.	Naperville	2
2/15/2021	Community Garden, NP Assistance	T.	Hinsdale	Darien	2
2/26/2021	Attainable Sustainables Workshop	T.	SCARCE	Addison	69
2/26/2021	Attainable Sustainables Workshop	T.	SCARCE	Addison	22
2/26/2021	Attainable Sustainables Workshop	T.	SCARCE	Addison	22
2/26/2021	Attainable Sustainables Workshop	T.	SCARCE	Addison	25
2/27/2021	WSM - Loan	T. , ST.	Field E.S.	Elmhurst	1

## B. Public Participation/ Involvement

### B2. Educational Volunteer

**Goal:**

*DSCSM will sponsor a variety of volunteer opportunities, including: the Adopt-a-Stream program, the DuPage River Sweep, and the storm drain stenciling 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 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. In 2020, participation was down due to the Covid-19 pandemic. During the reporting year 2 groups participated in the storm drain medallion program:

- Number of volunteers: 18
- Groups: Eagle Scouts (2 groups)
- Medallions applied: 74
- Communities: Naperville, Wheaton
- Storm Drain Medallion Training was provided to Village of Villa Park staff

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

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

### River Sweep

The typical 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. Since its inception in 1991, over 13,812 volunteers have removed approximately 285 tons of garbage from DuPage County waterways.

This year because of the Covid-19 pandemic and social distancing guidelines the typical River Sweep event could not take place. May was declared as “River Sweep Month” and residents were encouraged to get out and cleanup the waterways near them. The Conservation Foundation posted a list of forest preserves in DuPage County that provided river access and the Forest Preserve District of DuPage County offered to haul away the trash. Participants were asked to take photos of their cleanup and post them on their social media pages with the location worked at and the hashtag #riversweep and tag The Conservation Foundation. Co-permitees promoted River Sweep Month through newsletters and social media posts.

### 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. DuPage County Stormwater Management sponsors the programs which are conducted by The Conservation Foundation. 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.

Though in-person meetings were limited during the reporting year due to Covid-19, eighteen (18) homes were certified through the Conservation@Home program. Another thirty-seven (37) homes are in-progress sites for certification in the Conservation@Home program.

### Rain Barrels

During the reporting year, one hundred-eighteen (118) rain barrels were distributed throughout the County. Large pick-up events could not be held this year due to Covid-19.

The rain barrel programs, education, and promotions occurred in the following DuPage County communities during the reporting year:

- Addison
- Burr Ridge
- Carol Stream
- Clarendon Hills
- Darien
- Downers Grove
- Elmhurst
- Glen Ellyn
- Hinsdale
- Wheaton
- Wood Dale

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 website, YouTube page and the Conservation Foundation website. In a typical year, DuPage County sponsors rain barrel raffles at various events and watershed stakeholder meetings throughout the year; however, rain barrel raffles were limited during the reporting year due to Covid-19. One rain barrel was raffled at our March 4<sup>th</sup> in person workshop.

#### Additional Programs by Co-Permitees

<b>MS4</b>	<b>Volunteer Program</b>
Addison	The Village of Addison, in conjunction with Boy Scout Troop 410, conducted a local River Sweep event in Westwood Creek on August 17, 2020. Collected approximately 13, 30-gallon trash bags of debris from Westwood Creek.
	Environmental Services Division assisted in the coordination of the event as well the removal of debris. Public Works Streets Division disposed of all refuse.
Addison Township	Boy Scouts volunteering to assist at Electronic Recycling events.
Bartlett	Summer interns through the STEM program who fastened message medallions on inlets draining to Beaver Pond, as part of a neighborhood awareness program.
Bensenville	Earth work cleanup around Redmond Reservoir for Earth Day week. The Village staff along with DuPage County S.W.A.P (Sheriff's Work Alternative Program) perform quarterly cleanup along the Village Roadways and stream banks.
Carol Stream	Public Works administered an Adopt-A-Highway program that achieved participation from 4 volunteer groups that collected trash/debris a total of 18 times over 21.34 miles of roadside parkway.

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Downers Grove	Staff participates and promotes annual River Sweep to clean up local stream areas.
Elmhurst	The City of Elmhurst hosts oil recycling around Thanksgiving and pumpkin after Halloween. Additionally, the City co-host a recycling event w/ Elmhurst College annually. Also, the City participates in the DuPage River Salt Creek Workgroup which promotes water quality; specifically for Elmhurst along Salt Creek.
	To encourage homeowners to construct stormwater BMPs, Elmhurst funds a stormwater management incentive program that offers up to \$5,000 per home for stormwater BMP projects.
Glendale Heights	Public Works Department partners with local civic groups for storm drain stenciling activities
	Coordinated volunteer activities aimed at improving stormwater quality with the College of DuPage and Northwestern Medicine
Itasca	Village hosted its Green Day recycling event, a Nature Center cleanup event, Thanksgiving Grease Collection, and Riversweep were held during the previous reporting period. The Village also plans to partner with the Conservation Foundation to start a Rain Barrel program in the near future.
Lisle	The Village worked with residents to conduct a medallion program with SCARE. The Event was hosted on April 27, 2021 where local students worked with the volunteer and the Village to install the medallions. Additional stenciling had been suspended this past year due to COVID-19.
Naperville	The Department of Public Works started the Adopt a Drain Program in 2018. The address is <a href="https://www.naperville.il.us/residents/adopt-a-drain-program/">https://www.naperville.il.us/residents/adopt-a-drain-program/</a> . Through this program, residents can help Public Works in keeping streets from flooding by inspecting drains and removing leaves and debris. As of April 30, 2021, there have been 550 residents that were signed up for the program. 786 drains have been adopted and residents from 155 different subdivisions are participating in the program.
Roselle	Clarke Environmental Volunteer Stream Cleaning: October 15, 2020
Warrenville	Environmental Advisory Committee sponsors an Arbor Day in May
	Environmental Advisory Committee sponsors DuPage River Sweep with the Conservation Foundation. See attachment.
West Chicago	West Chicago Environmental Commission Sponsored and held the annual Paper Shredding event. West Chicago Sponsors an Adopt A Highway Program.

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Winfield Township	Annual Recycling Event in September
Wheaton	Electronics Recycling, Prairie Path Cleanup
	The Adopt a Highway program resulted in at least 10 bags of trash being collected.
Wood Dale	Hosted a Salt Creek cleanup event
Woodridge	In May 2020 the Village passed a proclamation recognizing River Sweep 2020 and advertised the event to encourage residents to participate in the event, and advertised local opportunities to volunteer.



**B3. Stakeholder Meeting****Goal:**

*DCSM will host at least two regular water quality stakeholder meetings per year in each of the partnership area's main watersheds in order to address matters pertaining to pollutant reduction on a watershed level. In addition, input on water quality impairments will be requested from stakeholders for incorporation into watershed planning efforts, which may cause the formation of separate stakeholder groups any given year.*

**Milestone:**

*Participate in or organize 3 watershed stakeholder meetings per year.*

**Status:**

DuPage County staff held one watershed stakeholder meeting in 2020 before the Covid-19 pandemic required a stay at home order and moving to a virtual platform to adhere to social distancing guidelines. 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. Additionally, two public meetings were held for public comment on watershed plans and two water quality flags were awarded during in-person ceremonies.

Outreach	Date	Location	# of Attendees	General Category	Involvement
Salt Creek Workshop	3/4/2020	Salt Creek	50/Professional	Event	Sponsor/Host
Winfield Creek Public Meeting	2/24/2021	Winfield Creek	50/Public	Event	Host
St. Joseph Creek Public Meeting	12/17/2020	St. Joseph Creek	50/Public	Event	Host
Clarendon Hills Water Quality Flag	10/19/2020	Clarendon Hills	20/Public	Event	Sponsor/Participant
Western Trails Elementary School Water Quality Flag	5/1/2020	Carol Stream	200/Public	Event	Sponsor/Participant

Additionally, DuPage County Stormwater sponsored the Beyond the Basics virtual Stormwater Management conference on February 25, 2021. The theme of the half-day conference was “Innovative Approaches to Stormwater Challenges.” With increased storm events, water quality issues, erosion and invasive species, the conference focused on innovative programs, policies and projects that would provide solutions to these and other stormwater related issues. A total of 325 people registered for the virtual conference.

Additional Meetings/ Workshops by Co-Permitees

<b>MS4</b>	<b>Stakeholder Meeting</b>
Addison	A training session on storm water pollution prevention was held with Public Works employees on June 10, 2020 virtually due to COVID-19. The training focused on Pollution Prevention training for MS4 communities and was hosted by DuPage County Stormwater Management.
	A training session was held on December 11, 2020 for our Streets Dept. The session was focused on the deicing of public roads and chloride reduction in our streams.
Addison Township	Presentation of Textile Recycling and Rain Barrel Updates at Board meetings
Burr Ridge	Village's Storm Water Committee consists of citizen volunteers and elected Village officials. These meetings are conducted in an open public forum to review and discuss storm water issues and program development pertaining to Village storm water quality programs and practices. The Committee met on June 9, 2020, November 10, 2020, and February 9, 2021.
Carol Stream	The Stormwater Administrator attends the quarterly meetings for the DuPage River Salt Creek Workgroup as the Village's voting member. The meetings are open to the public and address topics related to water quality of surface waters. The Stormwater Administrator also participates on the Projects Subcommittee.
	Public Works presented the annual update to its Snow & Ice Control Plan to the Carol Stream Village Board on November 16, 2020.
Downers Grove	The Village sponsored a webinar with The Conservation Foundation entitled "Solutions for Water Problems: Rain Barrels, Rain Gardens, and More" on June 30, 2020.
	Public meetings and outreach held by the County were posted to Village website to notify and promote to residents.
Elmhurst	The City of Elmhurst has a Public Works and Buildings Committee which discusses stormwater issues at every meeting. At the meeting Public Comment is on the agenda every meeting.
Lisle	Village staff actively participated in the Municipal Engineers Group's monthly meetings. The Village also actively participated in the DuPage River Salt Creek Workgroup's meetings and initiatives regarding the establishment of TMDL requirements. An Environmental Justice Area (EJA) assessment has been performed. The Village has determined that EJA areas do not exist and based on demographics, providing program information materials in another language is not necessary at this time.
Lombard	Hosted the bimonthly online meetings of the DuPage River Salt Creek Workgroup.

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Winfield	Public Works Committee (monthly) - The purpose of the Public Works Committee is to communicate with the Village Board regarding environmental and community health issues, and beautification of Village owned property and the community in general. They also review reports on stormwater and flooding issues in the Village, researches solutions and alternative funding, and facilitates recommendations to the Village President and Board of Trustees
	Village staff attends the DuPage County monthly engineer's meetings.
Wood Dale	The City's Stormwater Subcommittee holds meetings on a quarterly basis.
Woodridge	Village representatives attended monthly meetings of the DuPage County Municipal Engineers Group where discussions regarding water quality improvements regularly take place, including May, 2020, June 2020, August 2020, September 2020, October 2020, January 2021, and February 2021.
	Village representatives attended various public meetings of the DuPage County Stormwater Committee.
	The Village continues as a member of the DuPage River Salt Creek Workgroup and monitors and supports its activities and initiatives and attends meetings for relevant topics, including the session on April 2020.
	Village staff overviewed stormwater related plans and programs at the public budget workshop in September 2020, including looking for feedback and questions on stormwater projects.
	Village advertised the DuPage County Stormwater Management Planning Committee meeting on February 28, 2021 regarding the adequacy of the DuPage County Water Quality Program.
	Village staff continues to have a working relationship and/or membership with SCARCE, the Conservation Foundation, DuPage River Salt Creek Workgroup and other groups who work on sustainability efforts, public education/outreach, and/or monitor the East Branch DuPage River, and tributary branches within Woodridge, as well as participation on the East Branch Watershed Steering Committee, supporting DuPage County's Five Star and Urban Waters Restoration Program grant proposal, and participating in ongoing dialogue / meetings regarding proposed improvements on the East Branch such as the Lisle Levee.

**B4. Public Hearing****Goal:**

*DCSM will provide opportunity for public comment at an annual public meeting in order to reach all interested residents on the adequacy of its MS4 program, watershed plans, and projects. DCSM will publicize public meeting in conjunction with its education and outreach initiatives as well as posted in the local news publications.*

**Milestone:**

*Hold one meeting per year for the public to provide input.*

**Status:**

The Public Meeting for this reporting year was held on Thursday, February 18<sup>th</sup>, 2020 at 9:00am. The meeting was held virtually in order to adhere to Covid-19 social distancing guidelines. Meeting information was shared with all co-permittees for distribution to residents. At the meeting, DCSM staff gave a presentation with an overview of the countywide water quality program components, specifically highlighting the Illicit Discharge Detection and Elimination and Spill Response Programs. Staff from the Village of Carol Stream gave a presentation on chlorides and winter management. A total of 34 attendees registered for the event. Written public comments were also accepted from January 29<sup>th</sup> through February 28<sup>th</sup> via mail and email.



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Contact: Mary Mitros  
630-407-6706

[https://www.dupageco.org/EDP/Stormwater\\_Management/Water\\_Quality/54206/](https://www.dupageco.org/EDP/Stormwater_Management/Water_Quality/54206/). There will also be an informational virtual meeting to discuss the DuPage County Countywide Water Quality Program on Thursday, February 18 at 9am. Register for the meeting at <https://us02web.zoom.us/joining/register/tZl0cu-upzwpHtXqiO4nSmKmpXewxCDOtBRf>.

Additionally, the DuPage County Stormwater Management Planning Committee regularly holds monthly meetings on the first Tuesday of each month at 7:30 am. 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 3, 2020
- April 7, 2020 (cancelled)
- May 5, 2020 (cancelled)
- June 2, 2020
- July 7, 2020
- August 4, 2020
- September 1, 2020
- October 6, 2020
- November 3, 2020 (cancelled)
- December 1, 2020
- January 5, 2021
- February 2, 2021

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

<https://www.dupageco.org/County Board Committees/Stormwater Committee/17810/>

**B6. Program Involvement****Goal:**

*Develop and distribute surveys via an email list, webpage, and on social media to measure citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.*

**Milestone:**

*Develop and disperse 1 survey per year.*

**Status:**

Surveys were conducted among municipalities regarding planning of a public meeting and as part of DRSCW activities. No formal surveys were conducted to the general public during the reporting year. However, the DuPage County Citizen Reporter App experienced an increase in reports over 2x that of the previous year. 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/>

From March 1, 2020 through February 28, 2021 a total of 49 reports were received through the Citizen Reporter App. Reports included observations on stream erosion, stream blockage reports, illegal dumping, and drainage/flooding concerns. Reports are addressed directly by DCSM staff, forwarded to municipalities, or used for planning purposes as appropriate.



## 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 70% 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. The following updates were completed within the reporting year:

Agency	Date
Lemont- Data was field verified	2020
Wheaton- Uploaded latest data	5/27/2020

During the 2020 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 2020 on combining all data into a comprehensive layer.

**C2. Regulatory Control Program****Goal:**

*DCSM will revise the IDDE ordinance as needed and provide language to partner agencies.*

**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. Upon review of the Code during this reporting year, staff determined that the numbering system and wording had been automatically changed to comply with the standard Municode system when incorporated into the County Code. 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 Code. The provisions of the IDDE Ordinance did not change.

### C3. Detection/Elimination Prioritization Plan

**Goal:**

*Compile information pertaining to the ten-step prioritization plan identified in the DuPage County IDDE Program Technical Guidance.*

**Milestone:**

*Complete Salt Creek Outfall Prioritization*

**Status:**

After completing steps 1 and 2 in the DuPage County IDDE Program Technical Guidance outfall prioritization plan in 2016, we were scheduled to complete steps 3 and 4 in 2017. County staff adjusted the prioritization plan goal to complete outfall prioritization for the watershed that is scheduled for monitoring that year. Because Salt Creek watershed was scheduled for outfall monitoring in 2020, outfall prioritization was completed for Salt Creek using the following steps:

Step 3 – Determine which of the Reach Illicit Discharge Risk Factors and Subbasin Illicit Discharge Risk Factors are going to be used for prioritization

Step 4 – Gather data required to compute the Reach Illicit Discharge Risk Factors and Subbasin Illicit Discharge Risk Factors

Step 5 – Compute Reach Illicit Discharge Risk Factors

Step 6 – Compute Subbasin Illicit Discharge Risk Factors

Step 7 – Compute Subbasin Illicit Discharge Risk Scores

Step 8 – Create Prioritization Scoring Map and Table

Step 9 – Perform Critical Review

Step 10 – Review Prioritization

Steps 3-5: The reach illicit discharge risk factor we selected was the number of outfalls per stream mile ( $\geq 30$ ). We considered outfalls located within 20ft of the SC\_Stream\_Miles GIS layer to be within the stream. Number of outfalls per stream mile ( $\geq 30$ ) came to 0 priority outfalls.

The subbasin illicit discharge factors selected for inclusion were land use and high nutrients. 16 subbasins contain at least 50% industrially zoned land use, which resulted in 29 priority outfalls. We included outfalls located in areas of high nutrients, dissolved materials, or heavy metals not associated with POTWs as listed in the “Biological and Water Quality Study of Salt Creek and Tributaries 2013-16” by Midwest Biodiversity Institute Center for Applied Bioassessment & Biocriteria. Those outfalls in the high nutrient areas and within 20ft of the stream were included. However, we excluded sample locations with Phosphorous exceedances only, as Phosphorous is high throughout the watershed. This accounted for 69 new priority outfalls.

Historic discharge complaint locations were included as illicit discharge risks. The DuPage County Department of Health provided discharge and septic complaints from the last 5 years. Within the Salt Creek Watershed, we created 500 ft buffers surrounding the complaint locations and prioritized any outfalls within the buffer, which accounted for an additional 4 priority outfalls.

Unresolved Areas of Concern within the Salt Creek watershed were included as priorities. These are outfalls which previously received a discharge complaint, but the source was not identified, or the issue not resolved. This provided no priority outfalls.

Steps 6-8 were modified to score anything that met the criteria of an illicit discharge risk factor as a priority outfall.

This prioritization process resulted in the classification of 102 priority outfalls out of a total of 1,231 MS4 outfalls in the Salt Creek Watershed.

**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 known outfalls within the Salt Creek Watershed, within the Village of Lemont (in DuPage as well as those parts of Lemont in Cook and Will County), and priority outfalls from other watersheds 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
3/3/2020	West Chicago	Oil sheen in wetland mitigation area	Deployed booms to absorb oil. Did not detect in storm sewers
3/9/2020	West Chicago	Petroleum sheen reported	Inspected to verify no discharge downstream. Cleanup by DuPage Airport
3/10/2020	Downers Grove	Leaking underground storage tank	Soil remediation by environmental contractor. Staff verified no release into storm sewer system
3/11/2020	Carol Stream	Oil sheen in detention basin	Sheen contained to basin with absorbent booms. The village's environmental contractor coordinated cleanup.
3/24/2020	Downers Grove	Oil in creek from leaking bus	Bus company was held responsible and contracted cleanup
4/1/2020	Hinsdale	Flagg Creek Sanitary broken line discharged into Ruth Lake/ Flagg Creek	Sampled for fecal coliform. Hinsdale repaired issue and IEPA was contacted
4/9/2021	Oak Brook	Grease reported to be dumped into storm drain	County coordinated with Village. Appears to be a one-time occurrence and will keep an eye on the area
4/22/2020	Downers Grove	Leaking underground storage tank	Verified no release to waterway or storm sewer. Spill contained to surrounding soil and was remediated.
4/23/2020	Wheaton	Oil sheen in creek	Staff determined sheen was a natural buildup of iron bacteria and reported findings to IEPA
4/25/2020	Downers Grove	Transformer oil release from downed electric pole	Staff verified the spill was properly cleaned and no release downstream

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4/27/2020	Downers Grove/ Westmont	Fuel in detention pond	DuPage County, Downers Grove, Westmont worked together to deploy booms. Assisted IEPA with tracing. Determined to be coming from IDOT right of way. Inspected all facilities upstream. No source could be located. Fuel was removed from pond.
4/27/2020	Bartlett	Oil sheen in detention pond	Oil booms deployed by fire department. Staff verified spill was contained with no release downstream. Source not located.
5/4/2020	Bloomingtondale	Release of fuel due to vehicle collision	Roadway spill cleaned up by an environmental contractor. Staff confirmed no release of fuel into waterways
6/5/2020	Glendale Heights	Improperly stored salt pile	Met with property owner. Verified salt pile removed. Discussed proper storage methods.
6/16/2020	Bartlett	Oil and gasoline spill into retention pond	5 gallons from lawnmower entered pond. Spill remediation coordinated by landscape company. Staff verified booms were properly placed in pond.
6/26/2020	Addison	Leaking underground storage tank	Onsite soil remediation conducted by environmental contractor. Staff confirmed no release into the storm sewers.
6/26/2020	Elmhurst	Oil sheen in Salt Creek	Staff placed oil booms in Creek. No oil detected in storm sewers, indicating and isolated event. The booms were maintained onsite until the spill was absorbed.
7/1/2020	Warrenville	Algicide applied upstream of forest preserve restoration area	Forest Preserve monitored plantings. No die-off reported
7/7/2020	West Chicago	Leaking underground storage tank	Onsite soil remediation conducted by environmental contractor. Staff confirmed no release into the storm sewers.
7/7/2020	Burr Ridge	Fuel release from truck collision	Cleanup coordinated by responsible party. Staff verified no release into nearby waterways.
7/20/2020	Milton Township	Sediment/erosion in Right of Way	Notified IDOT. Requested cleanout of nearby catch basins and planting grass in roadside ditch
7/24/2020	Addison Township	Gray water in ditch	Water was sampled with high surfactants (1-1.5) and low ammonia (0.82) - likely wash water. Referred to Building & Zoning Dept.
7/29/2020	Oak Brook	Paint in catch basin	Referred to Oak Brook for enforcement
8/3/2020	Hanover Park	Vehicle accident with oil and transmission fluid spill as a result	Oil dry and absorbent pads put down on scene and followed by contracted clean up. Fuel not detected in storm sewers
8/11/2020	Oak Brook	Fuel discharge into ditch due to pump station valve failure	Checked downstream to verify spill was contained. Cleanup and remediation by SET Environmental. Cause of spill identified, and issue corrected.
8/13/2020	Addison	Septic discharge complaint	Referred to Health Department for enforcement

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8/25/2020	Wheaton	Discolored water in Spring Brook Creek	Broken water main fixed by city
9/17/2020	Lombard	Sump pump discharge	Referred to Building and Zoning
9/22/2020	Naperville	Hydraulic fuel spill	Cleanup coordinated by responsible party. Staff verified no release into storm sewer or nearby waterways.
9/23/2020	Carol Stream	Cement wash water entering storm sewer	Contacted IEPA, worked with company to keep contaminated water from storm sewers. Continue to monitor the site once a month. IEPA required SWPPP
9/25/2020	Medinah	Illegal sanitary connection to storm sewer	Worked with Public Works, Transportation, and Health Departments to verify source. Dischargers red tagged and pipe capped. Septic system maintenance performed and verified by Health Department
10/14/2020	Burr Ridge	Tank flushing onto Knollwood Wastewater Treatment Plant property	Property owner contacted and continued monitoring of the area
10/22/2020	Lombard	Diesel fuel spill from vehicle collision	Staff confirmed proper cleanup and no release into the storm sewers or waterways
10/23/2020	Unincorporated Lombard	Report of auto mechanic dumping oil into public sewer	Confirmed connection to sanitary. Referred to public works
11/6/2020	Aurora	Fuel discharge from ATV accident	Verified no release downstream, booms deployed, and cleanup by HazChem Environmental
11/10/2020	Addison	Hydraulic fluid spill	Checked spill did not travel downstream. Boom deployed into storm sewer, cleanup by HazChem Environmental
11/10/2020	Glendale Heights	Leaking underground storage tank	Staff coordinated with the village and IEPA to verify no release offsite or into waterways and that the site had been properly remediated.
11/30/2020	Unincorporated Addison	Septic discharge into storm sewer	Worked with Village of Addison, Building & Zoning, and Health Department. Property owner connected to Addison sanitary line.
12/8/2020	Downers Grove	Suds observed in stream	No suds observed during inspection- conducting monthly inspections for follow up
12/17/2020	Warrenville	Fuel spill at gas station	An environmental contractor was hired by responsible party for cleanup. Staff verified proper remediation which included vacuuming catch basins and placement of absorbent granules and booms.
1/20/2021	Bensenville	Diesel spill from saddle tank fuel puncture	Booms placed in catch basins, HazChem cleaned area. No fuel observed downstream
1/22/2021	Elmhurst	Hydraulic line failure causing hydraulic fluid spill	Spill kit contained release, HazChem coordinated cleanup and remediation. Verified downstream areas were free of hydraulic fluid
1/22/2021	Glen Ellyn	Leaking underground storage tank	Staff verified no release offsite or into waterways.



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1/26/2021	Woodridge	Leaking underground storage tank	Staff verified no release offsite or into waterways.
1/29/2021	Wheaton	Leaking underground storage tank	Verified no release to waterway or storm sewer. Spill contained to surrounding soil and was remediated.
1/29/2021	Willowbrook	Apricot puree spill	Responsible party conducted cleanup. Staff ensured proper cleanup and no release into the storm sewer system or waterways.
2/11/2021	Lombard	Truck broke through ice into pond	Fire department and IEPA contacted and on site. Checked downstream for fuel. HazChem deployed booms
2/16/2021	Carol Stream	Leaking underground storage tank	Verified no release to waterway or storm sewer. Spill contained to surrounding soil and was remediated.
2/24/2021	Winfield	Hydraulic fluid spill	Trash compactor line failure caused leak of hydraulic fluid. Verified proper cleanup and no release into waterways.
2/24/2021	Bensenville	Leaking underground storage tank	Verified no release to waterway or storm sewer. Spill contained to surrounding soil and was remediated.

**C5. Illicit Source Removal Procedures****Goal:**

*Distribute educational materials pertaining to illicit discharges to DuPage County residents and businesses. DuPage County maintains a partnership area-wide Illicit Discharge Detections and Elimination Hotline as well as an online Citizen Reporter Application, where the public is able to report suspect discharges in addition to other water quality concerns, such as erosion or stream blockages. Publications and notices advertising these resources are created, updated, and distributed.*

**Milestone:**

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

**Status:**

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.dupageco.org/EDP/Stormwater\\_Management/1163/](https://www.dupageco.org/EDP/Stormwater_Management/1163/)

## C7. Visual Dry Weather Screening

### Goal:

*Perform the visual screening of MS4 outfalls discharging to Waters of the State during dry-weather conditions.*

### Milestone:

*Inspect, during dry weather, all known outfalls within the West Branch DuPage River watershed that fall within the partnership area. Additionally, priority outfalls will be inspected.*

### Status:

Salt Creek was the target watershed for the 2020/21 monitoring season. 560 outfalls were visually inspected for illicit discharges within Salt Creek. While inspecting the outfall sites, we determined several of the pipes were not actually outfalls, but were daylighting of streams, sump pump pipes, or some other non-MS4 use. Therefore, of the 560 sites inspected, only 533 were determined to be actual outfalls. Additionally, all 151 East Branch Priority Outfalls and 104 West Branch Priority Outfalls were monitored. We also monitored the outfalls in Lemont, which added an additional 168 outfalls. 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.

### Additional IDDE inspections conducted by Co-Permittees:

MS4	Details
Addison	Addison staff conducted multiple inspections of the Village's 21 primary outfalls during this reporting period. See the attached summary for 2020 Primary Outfalls.
	The Village of Addison had identified 122 outfalls, and each was visually inspected and the conditions recorded during the reporting period. All outfalls were normal, and records of the inspections are available for review in our office.
	There were several investigations performed over the past year related to pollution in the storm sewer system and local streams:

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	<p>On 3/3/20, Environmental Services investigated an odor complaint coming from a storm water basin. The septic system at 19W640 Army Trail Rd. failed and sewage has saturated the backyard. The DuPage Co. Health Dept. has been notified and are working with the resident.</p>
	<p>On 5/18/20, Environmental Services received a complaint from the resident at 740 W Seventh Ave. The complaint was concerning the flooding issues brought, allegedly, about by the resident at 19W620 Byron. Community Development was notified, and meetings will follow to determine a resolution to the problem.</p>
	<p>On 6/1/20, Environmental Services received a call from the EPA concerning a complaint against a company located at 300 W Fay. The company was inspected, and no evidence was found of any illegal dumping. A spill control plan, as well as waste manifests to ensure compliance, were requested by the Village of Addison. The company was also warned that only storm water may enter our storm sewer system. Any semi-tractors washed on site must have containment for the wash water. Monitoring of the issue has continued.</p>
	<p>On 6/13/20, Environmental Services received was notified of an oil and grease spill at 1050 N Rohlwing Rd. The grease spill was caused by the business at 1070 N Rohlwing Rd. IPT personnel supervised the cleanup to ensure compliance with our storm water codes.</p>
	<p>In July 2020, flooding issues on Addison Rd. were investigated by Environmental Services. The area affected by flooding is directly in front of 875 Addison Rd. A missing restrictor in a storm water manhole owned by a company just south of the Addison city limits was identified. The company at 880 N Addison Rd. has been instructed by the Village of Villa Park to re-install the restrictor. The other cause of the flooding is the right of way located behind the businesses at 50 – 80 Fay. The renters of the property have paved the area with gravel thus creating large amounts of storm water runoff that travels to the east onto Addison Rd. causing flooding. We are working with all parties involved to quickly stop these flooding issues.</p>
	<p>On 9/1/20, Environmental Services was notified about a dig near 4N 242 6th St. The truck on-site leaked hydraulic fluid onto the street. IPT personnel covered the spill with oil absorbing materials and were able to remove the hydraulic fluid before entering the storm system.</p>
	<p>On 9/15/20, 1470 W Bernard Dr. was witnessed dumping their floor washings outside. Upon further investigation, the company was also draining their reverse osmosis water purification system outside. The company was informed of the penalties for their illegal discharges and have since, ceased.</p>

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	On 10/14/20, two power poles, one containing a transformer, were knocked down at Lombard and Woodland by a semi-truck. The transformer leaked oil onto the road. The oil was cleaned up without any oil leaking into the storm system.
	On 12/7/20, the resident at 4N153 Catalpa received a “cease and desist” letter and was given 30 days to discontinue discharging raw sewage into the storm system by fixing their septic tank or providing the proper paperwork necessary for annexation and permits to request access to Village utilities. The resident is in the process of submitting paperwork and payment to Community Development to annex into the Village.
	On 2/10/21, a garbage truck had a hydraulic fluid leak on Church, Natoma, May, and Army Trail. IPT personnel inspected the spill. The contractor was contacted and informed to return to the site to properly clean the spill. The contractor responded and completed the work.
	On 2/16/21, the Addison Fire Department requested Environmental Services at 100 W. Lake St. IPT personnel responded to a diesel spill caused by a punctured saddle tank on the side of a truck. The driver called Maximum Towing and Recovery for a clean-up in the parking lot. Hazchem responded to vacuum out the storm basins and to place booms in the storm water manholes. IPT personnel remained on site to ensure compliance.
	Finally, the Village also performed periodic grab sampling and analysis at 21 of the 121 outfall points. A total of 61 screening samples were collected and 462 different field analyses were performed. Parameters tested included Metals, D.O., Temperature, Ammonia, Nitrate, Phosphate, Turbidity and pH. A summary of the monitoring data collected is attached in Section C. There were no high levels reported during the testing.
Bartlett	Additional inspections after a detention basin fuel spill was reported on 4/27/20. The spill was contained and did not reach the outfall.
Bloomingtondale	Inspection of 1/3 per year (3-year program cycle) to inspect detention/retention basins and outlet control piping.
Carol Stream	Public Works conducted 15 outfall inspections.
	Public Works, Engineering & DuPage County Stormwater investigated 5 potential IDDE's:
	Request ID 37324: Responded to resident noticing oily substance on street. Investigation was inconclusive and the age and amount of the substance did not present the opportunity for any remedial measures.

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	Request ID 37132: Responded to an anonymous tip of illegal dumping. Investigation discovered drywall compound had been dumped in the sewer. Contractor was educated and clean-up surface spills while PW cleaned storm sewer.
	Request ID 36157: Assisted the IEPA with resolving potential discharge from stormwater runoff from an industrial site due to lack of maintenance. Confirmed that the SWPPP was updated accordingly.
	Request ID 31983: Investigated oily sheen in a Village-owned retention pond that was observed by DuPage County Stormwater. The discharge was minimal and no apparent source could be determined.
	Request ID 31982: Investigated a possible discharge on a tip from a resident. No dumping was observed and no noticeable discharge was found in the system. The nearest catch basin was vacuumed as a precautionary measure.
Downers Grove	2nd and Cumnor diesel clean up (note – spill originated in Westmont and drained via storm sewer to Downers Grove). PACE was responsible for all clean up. IEPA was notified by PACE.
	Southeast corner of Ogden and Cumnor. The Village with help from DuPage County traced oil sheens.
	3700 Block of Venard – broken sanitary force main – wastewater ran into a nearby storm sewer inlet. Downers Grove Sanitary District shut down the force main for an emergency repair.
	Staff received notification from a resident of suds in Prentiss Creek. Staff was unable to track down the source of the suds.
Elmhurst	To reduce and eliminate ESOs into Salt Creek, City staff and RJN continue to do extensive investigations into the sanitary system including testing, inspecting, and monitoring. With this information, the City has greatly improved the sanitary sewer system to reduce I&I that causes the ESOs. The City also checks flap-gates at Salt Creek every couple years.
	The City also checks flap-gates at Salt Creek every couple years.
Glen Ellyn	Annual inspections of outfalls performed during dry weather (Aug. 5 & 6, 2020), no issues found
Naperville	From March 2020 to February 2021, Naperville investigated stormwater complaints at the following locations: 1524 Fox Hill Road and 1555 West Ogden Avenue (aka Mondelez International). All cases have been looked into, resolved and closed. Also, Naperville has an intergovernmental agreement in which the city reimburses DuPage County for outfall inspections performed on the portion of the DuPage River located in Will County.
Warrenville	12/17/2020 – Speedway Gasoline Spill. Cleanup occurred immediately and no known discharge into adjacent swale along south side of Route 56.

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West Chicago	One incident on 8/1/2020, Antifreeze leak of Paper Shredding Truck at annual event, City Hall Parking Lot near Inlet structure. No enforcement required, Crew contained and cleaned up same day.
Westmont	The Village inspects their basin outfalls on a yearly basis and provides maintenance as recommended
Wheaton	Staff inspected 15 critical outfalls where runoff is from industrial/commercial sources
Woodridge	Continuing from 2018 – the Village has continued to follow up, with simultaneous enforcement action, against the Oak Bluff Homeowners Association, for unpermitted stormwater work they completed.
	Continuing from 2018 – the Village has continued to follow up, with simultaneous enforcement action, against the Natural Gas Pipeline Company, for restoration of their property for unpermitted stormwater work that occurred by an unauthorized 3rd party. This work has now been completed by the NGPL and inspected by the Village's consultant and closed out.
	May 2020 – Village received a resident complaint that their neighbor who owns a carpet cleaning business is discharging the cleaning waste to the storm sewer next to his home. No material was found, but when Village staff contacted the company they admitted they had been doing it, but it was only green chemicals. The company agreed to begin to bring the waste to an appropriate facility (local WWTP). Village staff contacted the WWTP several times, who confirmed they had set up an account and were now bringing the materials there for disposal.
	September 2020 – during a routine inspection Village staff noted a hose extending from the building at 2649 Internationale Parkway, along with an internal street sweeping unit, both dumping material to the storm sewer, that connected to a private retention pond. The building tenant was notified, along with the building owner (Prologis). The building owner secured the material and brought in a company to remove it from the storm sewer.
	January 2021 – the Village was notified of a potential fuel spill at 1840 Internationale Parkway. Investigated and the property owner was installing a new fuel tank and found a prior spill, limited to the property and being handled with the State Fire Marshall.

**C8. Pollutant Field Testing****Goal:**

*Conduct monitoring for the following chemical parameters when visual characterization of the discharge indicates an illicit nature: surfactants, ammonia, potassium, fluoride, conductivity, and pH.*

**Milestone:**

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

**Status:**

Among the 983 outfalls monitored in 2020, 2 were releasing a suspect discharge and sampled. Most of the flowing outfalls has no observable indication of illicit discharges, such as color, odor, turbidity, or floatables. The following tables shows the water quality data for the 2 outfalls that were sampled out of the 983 inspected outfalls. The discharges were traced to their source.

Inspection Date	Discharge	Color	Odor	Turbidity	Floatables	pH (SU)	Temperature (C)	Specific Conductance (uS/cm)	Surfactants (mg/L)	Fluoride (mg/L)
8/21/2020	Moderate	Clear	None	None	None	7.0			0.25	0.30
8/21/2020	Moderate	Gray	None	Cloudy	None	7.0	22.3	877.0	0.25	0.60



## **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 cases of pollutants into Waters of the State occurred during the monitoring year.

DuPage County Stormwater Management created fact sheets to educate municipalities and business owners on how to address and report spills. The fact sheets are included in the attachments to this report.

## **D. Construction Site Runoff Control**

### **D1. Regulatory Control Program**

**Goal:**

*Soil erosion and sediment control regulations for DuPage County are regulated by the DuPage County Countywide Stormwater and Flood Plain Ordinance.*

**Milestone:**

*Review and update the Ordinance as needed to ensure that sediment and erosion control provisions are up to date and reflect the current best practices.*

**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.*

**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	Partial
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 one 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.*

**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.*

### **Milestone:**

*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. 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.*

**Milestone:**

*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. 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 and revision is planned for 2021.

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 which are scheduled for completion in 2021.



**E3. Long Term O&M Procedures****Goal:**

*The 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.*

**Milestone:**

*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.*

**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.*

**Milestone:**

*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. 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). Records of numbers of reviews are kept within each reviewing agency.

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

*The DuPage County Countywide Stormwater and Flood Plain Ordinance requires that permitting authorities utilize a qualified person with expertise in plant ecology for design review and construction observation of Post Construction BMP installations which rely on vegetation for water quality or runoff volume reduction and a soil scientist or geotechnical engineers or equivalent be utilized for infiltration BMPs. Each permitting agency reserves the right to inspect the construction site during construction to verify proper BMP installation for enforcement purposes.*

**Milestone:**

*DuPage County Stormwater will provide annual training opportunities for all permit partners staff to ensure that all MS4 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. Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.*

**Status:**

Green Infrastructure training was moved to a virtual format during the reporting year due to Covid-19 social distancing guidelines. The following Green Infrastructure Maintenance training sessions were held:

Training	Date	Location	# of Attendees
Green Infrastructure Seminar for MS4 Communities	12/3/2020	Countywide	191/Professional
Green Infrastructure Seminar for MS4 Communities	12/10/2020	Countywide	193/Professional

The registration list are included with this report as an attachment. The webinars were recorded and saved on the DuPage County Stormwater LoveBlueLiveGreen YouTube page

<https://www.youtube.com/user/lovebluelivegreen/videos>.

Direct links to each recording:

<https://www.youtube.com/watch?v=MtBHnvDw3q4>

<https://www.youtube.com/watch?v=3JM2GXIXFsg>

## **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.*

### **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:

*Provide training to partner agencies' staff on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system. Examples of training topics include automobile maintenance, hazardous material storage, landscaping and lawn care, parking lot and street cleaning, pest control, pet waste collection, road salt application and storage, roadway and bridge maintenance, spill response and prevention, and storm drain stenciling.*

#### Milestone:

*Provide training to MS4 supervisors overseeing municipal operations, contractors, and staff performing day to day operations on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system.*

#### Status:

Pollution Prevention training was moved to a virtual format during the reporting year due to Covid-19 social distancing guidelines. The following Pollution Prevention training sessions were held:

Training	Date	Location	# of Attendees
Pollution Prevention Seminar for MS4 Communities	6/10/2020	Countywide	137/Professional
Pollution Prevention Seminar for MS4 Communities	6/17/2020	Countywide	134/Professional

The registration list are included with this report as an attachment. The webinars were recorded and saved on the DuPage County Stormwater LoveBlueLiveGreen YouTube page

<https://www.youtube.com/user/lovebluelivegreen/videos>.

Direct links to each recording:

<https://www.youtube.com/watch?v=yoynIQWHw1k>

<https://www.youtube.com/watch?v=KVEcEljN96g>

During the reporting period the DuPage River Salt Creek Workgroup held three chloride reduction workshops and four technical webinar briefs. Due to precautions necessitated by the Coronavirus pandemic, the workshops were held in a webinar format allowing the groups to collaborate and host the workshops jointly. The DRSCW also made the workshop available to agencies in McHenry, Lake and Cook counties as their usual annual deicing workshops were cancelled. Accordingly, the webinars were attended by staff in DuPage, Will, Kane, Kendall, Lake, McHenry and Cook counties.

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

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

The registration list by agency for the Winter De-icing Workshops are included as an attachment.

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

## F2. Inspection and Maintenance Program

### Goal:

*DCSM provides guidance materials on good housekeeping for municipal operations. Each partner agency has developed specific inspection and maintenance procedures for equipment and facilities.*

### Milestone:

*Each partner agency 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. Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted 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.

### Additional information and details on specific Good Housekeeping measures provided by MS4s:

MS4	Good Housekeeping Program/ Training Service
Addison	A training session on storm water pollution prevention was held with Public Works employees on June 10, 2020 virtually due to COVID-19. The training focused on Pollution Prevention training for MS4 communities and was hosted by DuPage County Stormwater Management.
	A training session was held on December 11, 2020 for our Streets Dept. The session was focused on the deicing of public roads and chloride reduction in our streams.
	The annual public meeting was held on February 18, 2021 virtually due to COVID-19
	Street Sweeping (Minimum Control F.3):
	4,860 Curb miles cleaned
	5,400 Tons of debris removed from streets
	Salt Usage (Minimum Control F.3):
	3,045 Tons of salt used
	11 Number of snow events (2" or greater)
	9 Number of ice events
	277 Tons of salt used per event
	Sewer Catch Basin Cleaning (Minimum Control F.3):
	482 # of Storm Sewer Catch Basins/Inlets cleaned and pumped (out of 2200)
	160 # of Combined Sewer Catch Basins/Inlets cleaned and pumped (out of 160)
Addison Township	House Keeping training / presentation is provide to the Highway staff annually.

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Bartlett	Vehicles and equipment is checked before and after each day or period of use, as part of a general safety program established by Bartlett PW. PW safety and environmental training is ongoing throughout the year.
	2020 Salt Summary:
	Snow Events 19
	Ice Events N/A
	Salt Used 1746 tons
	Salt Used 91 tons/event
	Brine Used 32,094 gallons
	Brine Blend Used 4, 197 gallons
	2020 Sweeping and Maintenance Summary
	Two Sweepers, Pelican and Crosswind
	6,275 miles swept (Pelican 920 miles and Crosswind 5,355 miles)
	413 Storm Inlets cleaned and repaired
	3,655 LF Storm Sewer jetted and repaired
	Bartlett Public Works cost-sharing programs include Lateral Sewer Lining, Lead Service Line Replacement and Overhead Sewer Programs for residents to participate in. We also have a 50-50 local storm sewer program for groups of residents to participate in.
Carol Stream	The Public Works Department conducted its annual Snow & Ice training in November 2020 for all operations. Street Supervisor Jason Pauling led the day's program, assisted by several Street Division employees sharing their expertise.
	Jacobs Engineering is contracted to operate the Water Reclamation Center (WRC). Jacobs conducted a training and review of their Storm Water Plan for their six (6) employees in 2020.
	Below is a list of related training provided to employees of the Public Works Department:
	Refresher on vehicle Anti-idling policy
	APWA Snow & Ice Leadership Seminar
	Trends & Technologies in Winter Road Maintenance
	APWA Winter Maintenance Operator Training
	Green Infrastructure for MS4 Communities
	Pollution Prevention for MS4 Communities
	NAASCSO PACP Certification
	Special Application of Solid Mosquito Larvicide
	Brine truck application training
	The following maintenance was performed on the storm sewer system:
	653 storm structures were inspected
	15 sections of storm sewer pipe were flushed covering 1,036 lineal feet of pipe
	495 catch basins were cleaned
	52 catch basins were repaired (by Public Works)
	8 storm inlets were cleaned



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	During this period 1,890 curb miles were swept and approximately 147.1 tons of sweeping debris collected.
	Snow and ice operations:
	Number of events: 23
	Total salt used: 2082.10 tons
	Anti-icing events: 11
	Brine used: 46,631 gallons
	The following materials used in Public Works operations were recycled:
	Motor oil: 650 gallons
	Scrap metal: 12,415 pounds
	Tires: 92
	Vehicle batteries: 35
	Vehicle parts: 38
	903 cubic yards of spoil were tested and hauled
	167 gallons of anti-freeze
Downers Grove	The wash bay in the Public Works Facility is used as needed to clean Village vehicles throughout the year.
	In the winter, vehicles are washed after each snow event.
	The garage at Public Works is cleaned weekly and after each snow event.
	The inlets in the Public Works yard by the salt dome are covered and protected to avoid contamination into the storm sewer/creek.
	Oil dry is available by the gas island and at the Village Fleet Services building.
	Street Sweeping is performed monthly throughout the Village, during the fall the streets in the
	downtown area are swept weekly, and parking lots are done 6 times per year.
	A section of storm sewers are cleaned and televised every year. Smaller maintenance issues are taken care of by in-house staff. Large issues are added as a Capital Stormwater Maintenance project.
	In 2020 almost 70,000 lf of storm sewer was cleaned and televised and over 700 structures.
	Known problem areas are inspected prior to storms.
	Approximately 7,000 lf of ditches were re-shaped.
Glen Ellyn	Routine cleaning/sweeping of parking lots and associated storm structures, salt storage maintenance in the winter
	Village continues to offer monthly (May-Oct), free branch & brush pickup
	Leaf and yard waste pickup by sticker program and curbside composting service available through contracted waste hauler
	Annual parkway tree planting (fall only due to COVID)
	Street sweeping during warm weather months, reduced due to COVID for 7 total cycles, with 4 being leaf sweeping instead of the normal twice monthly April-Nov (16 + leaf sweeping)

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	Central Business Dist. sweeping during warm weather months, reduced to COVID to 49 cycles instead of twice weekly April-Nov (64 cycles)
	~700 cubic yards of leaves were picked up by sweeping and hauled out for composting Dec. 7-19, 2020
Hanover Park	Received the Low Salt Community Award from The Conservation Foundation.
Lisle	Staff attended a December 3, 2020 Green Infrastructure Seminar.
	Staff attends DuPage River Salt Creek Workgroup meetings on a regular basis. The agenda regularly has a stormwater quality education topic.
	Cleaned 432 storm sewer structures (catch basins, inlets, or manholes)
	Swept all village streets 8 times throughout the year
	Conducted Storm water facility inspections throughout the year, last one December 2020/January 2021. Each inspection involved visiting 237 sites within the village to maintain storm inlets, outfalls, and detention basin control structures.
	All maintenance and washing for the Public Works Department fleet is done in the Public Works garage, where floor drains are tributary to triple traps prior to discharging to the sanitary sewer system. Road salt and other materials are stored in covered shelters, or are covered if in open areas, to minimize exposure to rainfall. Lubricant and oil spills resulting from equipment maintenance are typically cleaned up using oil absorbing compounds, rather than hosing down spill areas. The Village recycles vehicle fluids with Maxsafe Antifreeze and Lisle Township. Grass clippings are removed from streets when turf is mowed by Public Works employees and fertilizers and pesticides are not used within 50 feet of a waterway.
Naperville	The Naperville Department of Public Work DPW checked and cleaned catch basins, manholes, and storm sewers throughout the year.
Naperville Township	Provides six brush pickups per year in the fall
	Vac all sumps in drainage lines every spring and leaf pick up in fall from mid-October to Thanksgiving
Oak Brook	Leaf pickup – 4,290 cubic yards
	Salt usage – 1,143 tons
	Street sweeping – 1,083 miles
	Inlets cleaned – 182
	Catch basins cleaned – 61
Roselle	See attached storm sewer inspection and repair work.
	See attached Street Sweeping records.
Warrenville	Tree Planting Total: 48
	Manholes clean/replace/repair Total: 32
	Tree Pruning Total: 157
	Tree Removal Total: 180
	Street Sweeping Total: 240
	Snow plowing/saltingTotal: 146
	Vehicle maintenance Total: 184

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	Brush Pickup Total: 648
	Storm Sewer Repair/Maint Total: 838
Wayne Township	Maintenance is conducted at our yard. inspection and maintenance are conducted on a regular schedule. Several areas of turf grass were converted to native vegetation, including the Schick Road Bike Path, the Road District yard, Glenwood and Waynewood, in addition to several other smaller bioswale areas.
	The Wayne Township Road District is committed to leading the township in water quality, primarily by installing and maintaining green infrastructure practices throughout our area. Many of these areas were erosion issues before conversion, and they now provide filtration and infiltration of water and pollutants. Maintain Road District owned property on which native vegetation was established for pollutant control purposes. These properties typically contain riparian, wetland, or floodplain areas or post-construction best management practices. The Township will also be converting more areas to native vegetation and they will be maintained as part of this BMP.
Westmont	The Village has completed a regional detention facility at Cass Avenue and 61st Street
	Currently upgrades are being performed/proposed for the 63rd/Richmond detention basin and the 61st/Cumnor detention basin
	Maintenance is also being performed on the Muddy Waters Basin at 63rd Street and Williams.
Wheaton	The City vacuum swept 12,648 miles of streets which equates to each mile of City street being swept of sediment and debris over 38 times in the reporting period.
	The Public Works Yard Stormceptor was maintained based on manufacturers recommendations and cleaned twice during the permit year.
	63% of the City's storm sewer structures were inspected, cleaned, or maintained exceeding our goal of 30%.
	692 Structures were inspected, 157 structures received repairs, 45 were replaced, and 2,257 were cleaned.
	28% of the City's storm sewer mains were inspected, cleaned, or maintained exceeding our goal of 10%. 215,321 LF of storm sewer was cleaned and 67,254 LF was inspected.
	All catch basin storm sewer debris was dried in the debris dump station within the Public Works facility which resulted in approximately 632 tons of sediment and debris removed from the MS4 and sent to a landfill.
Woodridge	The Village maintained its contract with Lakeshore Recycling Services for street sweeping of the entire Village network to reduce the probability of storm water issues and reduce debris and organic waste making its way to any bodies of water. The work included the completion of 7 full sweeps over the year and additional targeted sweeps.
	The Village continued to incorporate liquid anti-icing and pre-wetting solutions into the snow and ice control plan, including the use on some public sidewalks, to improve response and reduce chloride run off along with continuing to increase the use of Beet Heet in its operations after a successful pilot program last year.
York Township	We maintain yearly inspections with all our vehicles.

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

*While DCSM is compiling a comprehensive partnership area-wide storm sewer atlas, each partner agency is responsible for maintaining the storm sewer systems within their municipal, township, or county boundaries.*

**Milestone:**

*Partner agencies have each developed their own schedules for street sweeping as well as storm sewer inspection, clean-out, and maintenance. Survey partner agencies street sweeping, storm sewer inspection, clean-out, and maintenance schedules.*

**Status:**

DCSM in partnership with the DRSCW is distributing a survey to agencies on street sweeping and catch basin cleanout schedules.

During the reporting year, DuPage County Stormwater created 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:**

*The ILR40 permit requires that procedures be developed for properly disposing of waste removed from the separate storm sewers and areas such as dredge spoil, accumulated sediments, floatables and other debris.*

**Milestone:**

*Following storm sewer maintenance and cleanout activities, waste must be properly disposed of. DuPage County Public Works offers a Regional Vactor 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 waste water treatment facility, while the solids are dried and eventually transferred to the garbage dump.*

**Status:**

During the first 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 Vactor Receiving Station.

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

*Ensure that new flood management projects assess the impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices.*

**Milestone:**

*Complete or implement 1 watershed plan, or components thereof, approved by the Stormwater Management Planning Committee and County Board per year.*

**Status:**

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

<b>Watershed Plan</b>	<b>Status</b>	<b>Date</b>
St. Joseph Creek Flood Control Watershed Plan	Approved by DuPage County Stormwater Management Planning Committee and County Board	February 9, 2021

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

<b>Project Name</b>	<b>Project Owner</b>	<b>Watershed- Based Plan</b>	<b>Project Type</b>
Kehoe Boulevard Streambank Stabilization	Carol Stream	Klein Creek Watershed- Based Plan	Streambank Stabilization
Lake Charles Shoreline Stabilization	Private	Salt Creek Watershed- Based Plan	Shoreline Stabilization
Wood Dale Underground Stormwater System	Wood Dale	Salt Creek Watershed- Based Plan	Hydrodynamic Separators
St. Joseph Creek Streambank Stabilization	Downers Grove	St. Joseph Creek Watershed-Based Plan	Streambank Stabilization

**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.*

**Milestone:**

*Deployment and use of pre-wetting and anti-icing measures by partner agencies. Survey partner agencies on pre-wetting and anti-icing practices.*

**Status:**

During the reporting year, DuPage County and co-permittees continued current practices for snow and ice removal on roads and public surfaces. More information on the chloride reduction efforts can be found in the DRSCW and co-permittee attachments.

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

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

## 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.

## 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.

## SECTION F

## List of construction projects:

Owner	Construction Project
DuPage County	
Transportation	2020 Pavement Marking Maintenance
	Geneva Rd. Guardrail
	2020 Pavement Maintenance North
	2020 Pavement Maintenance South
	2020 LED Underpass Lighting Upgrades
	2020 Retaining Wall Repair
	2020 Bridge Repair/Rehab
	63rd St. & Springside Ave. Traffic Signal
	75th St. & Clarendon Hills Rd. Traffic Signal
	Grand Avenue Culvert Replacement
	75th St. (Lyman Ave. to Exner/Williams St.)
	Gary Avenue Trail (Army Trail Rd. to Great Western Trail)
	Elgin O'Hare Aesthetics
	55th St. (Dunham Rd. to Clarendon Hills Rd.)
Facilities	Pollinator Meadow on DuPage County Campus
	Phase II landscaping project at DuPage County Campus
	Memorial Garden replacement at DuPage County Campus
	Work Release/ DU-COMM/OEM- New Pump Lift Station IEPA
	Care Center-Electrical Update Phase II South - Relocate medium voltage switch & transformer to outdoors/replace transfer switch & switchgear indoors
Stormwater	Redmond Reservoir
	West Branch Flood Control and Re-meander
	Graue Mill Flood Control Project
Drainage	89th & Clarendon Hills Road
	Massel Court Drainage Improvements
Addison	Annual street maintenance program (various streets)
	Meier's Farm Concrete Swale Replacement
	Storm Sewer Improvements along Byron Ave, between Rt 53 and Jo Ann Ln
	Rozanne Drive Bridge Replacement over Westwood Creek
Addison Township	Army Trail Estates road resurfacing project
Bartlett	2020 Concrete Replacement Project
	2020 MET Road Resurfacing Project
	2020 Water Main Replacement Project
	2020 Sewer Lining Project
	2020 Apple Orchard Lift Station Replacement Project

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Bloomingtondale	Lake St Median Landscaping Project
Burr Ridge	2020 Road Program Contracts
Carol Stream	2020 Flexible Pavement Project
	2020 Roadway Drainage Improvements & Clearwater Court Rear Yard Drainage Improvement Projects
	Kehoe Boulevard Streambank Stabilization – Section I
Downers Grove	Springside Culvert Replacement
	St Joseph Creek streambank stabilization (Main Street to Barth Pond)
	Watermain replacements
	Sidewalk replacements
	Burlington Highland Drainage Improvement Project
	Roadway Resurfacing Projects
Elmhurst	2020 Watermain Improvements Project
	Saylor/Swain/Vallette Stormwater Improvement Project
Glen Ellyn	Civic Center Parking Garage
	Village Green Storm Sewer Replacement
	Cumnor Water & Sewer Extension
	2020 Street Resurfacing
Glendale Heights	2020 Street Program
	Gregory Avenue Reconstruction Project
Hanover Park	2020 Street Reconstruction & Watermain Project
	2020 New Arterial Fence & Arterial Fence Repair Program
	2020 Sidewalk, Curb, & Gutter
	Countryside Watermain & Resurfacing
	Ontarioville Town Center Streetscape/Roadway Improvements, Ontarioville Park Improvements, Ontarioville Gateway Plaza Improvements
Itasca	Itasca Street Resurfacing Program 2020 and Sidewalk Removal and Replacement Program
Lisle	The Village of Lisle has completed a 2020 Stormwater Master Study. Although construction has not begun this year, 4 different project will begin in summer 2021.
	During the month of August, 2020, Village Public Works Staff were out performing ditch and culvert improvements Village wide.
Naperville	Drywell- 830 E Hillside Rd
	Drywell- 830 E Hillside
	Drywell- 850 E Hillside Rd
Oak Brook	31st St
	North York Road & Harger Road Intersection Improvements
	Windsor Drive Widening Project
	Central Park - North
Roselle	2020 Storm Sewer Improvement Program
Villa Park	2020 Sidewalk Program
	Michigan Avenue Improvement Project (Central to Kenilworth)
	Plymouth Street Improvement Project

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	2020 Street improvement Project
Warrenville	Yale Avenue Improvement Project (Plymouth to Ridge)
West Chicago	Washington Street Reconstruction Project completed in 2020
	Road Salt Storage Shed Construction completed in 2020
	2020 Sidewalk and Curb Maintenance Program
	461 Main Street Stairway Handrail Installation Project
	Sanitary Lift Station #1 replacement
Westmont	61st Street and Richmond Basin Improvements
	Alley C Permeable Paver Alley Reconstruction
	New Public Works Facility Project
Wheaton	2020 Road, Sewer, and Water Rehabilitation Program- Various Streets
	2020 Manhole Rehabilitation Project
	Wesley Street Sanitary Sewer Replacement
	Downtown Streetscape- Phase 3
	Sidewalk Replacement Program
	New Sidewalk Installation
	Prairie Avenue Intersection Improvement
	Manchester Road and N President Street LAFO Resurfacing Project
Wood Dale	Sidewalk Removal and Replacement Program
	Ward 2 & 3 Stormwater Improvements Project
	Wood Dale Street Resurfacing Project
	Police Station and City Hall Parking Lot Improvements
Woodridge	2020 MFT Resurfacing – list of streets including sections of Cromwell, Kimball, King, Mansfield, Meadowwood, Middlebury, Newcastle, Roberts (Drive and Court), Sundowner, Williams (Drive and Court)
	83rd Street Bridge Deck Rehabilitation– 83rd Street Bridge Deck
	Water System Valve Replacement Program – various locations
	2020 Crackfill Program – included various streets and sealcoating various bikepaths
	Sanitary Sewer Televising, Cleaning, and Lining – various locations
	83rd Street STP Resurfacing – generally between Janes Avenue and Route 53
	Woodward Avenue STP Resurfacing – generally between 75th Street and the Village’s northern boundary

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

**Attachments**