DUPAGE COUNTY

Watershed Management
Water Quality
Floodplain Mapping
Regulatory Services
Flood Operations & Maintenance

Love Blue. Live Green.
DuPage County

STORMWATER MANAGEMENT

630-407-6700
stormwatermgmt@dupageco.org

www.dupageco.org/swm

May 30, 2019

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

Re: AFIR for NPDES Phase II MS4 General Stormwater Permit
Permit No. ILR400502
March 1, 2018 – March 1, 2019

Enclosed is the County of DuPage's Annual Facility Inspect Report (AFIR) for the National Pollutant Discharge Elimination System Phase II MS4 General Stormwater Permit ILR40. This report includes activities that were undertaken and achieved for all of DuPage County and it's 41 co-permitees listed below. Thirty-two municipalities and nine township highway districts have chosen to participate as cooperating permit holders in our countywide local qualifying effort for this permit program as requested by the IEPA Division of Water Pollution Control Permit Section to meet the six control measures of Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/Good Housekeeping for Municipal Operations.

The following list of county, municipalities, and township highway districts permit numbers are included as participating in the enclosed report of permit achievements for the 2018-2019 reporting year:

Municipality	
DuPage County	0502
Village of Addison	0227
Village of Bartlett	0286
Village of Bensenville	0292
Village of Bloomingdale	0295
Village of Burr Ridge	0304
Village of Carol Stream	0308
Village of Clarendon Hills	0175
City of Darien	0180
Village of Downers Grove	0183
City of Elmhurst	0187
Village of Glen Ellyn	0199
Village of Glendale Heights	0342
Village of Hanover Park	0347
Village of Hinsdale	0355
Village of Itasca	0360
Village of Lemont	0497

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Village of Lisle	0376
Village of Lombard	0378
City of Naperville	0396
Village of Oak Brook	0407
City of Oakbrook Terrace	0232
Village of Roselle	0437
Village of Villa Park	0463
City of Warrenville	0274
Village of Wayne	0500
City of West Chicago	0466
Village of Westmont	0254
City of Wheaton	0470
Village of Willowbrook	0255
Village of Winfield	0474
Village of Wood Dale	0478
Village of Woodridge	0480

Township Highway/Road Districts

Addison Township Highway Department	0001
Bloomingdale Township Highway Department	0013
Downers Grove Township Highway Department	0040
Lisle Township Highway Department	0079
Milton Township Highway Department	0086
Naperville Township Highway Department	0092
Wayne Township Highway Department	0149
Winfield Township Highway Department	0155
York Township Highway Department	0159

If you have any questions about the information contained within the attached annual report submittal, please call (630) 407-6720.

Regards,

Anthony J. Charlton
Director
DuPage County Stormwater Management

Love Blue. Live Green.
DuPage County

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, 2018 To March, 2019

Permit No. ILR40 0502

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

Name: Anthony Charlton Mailing Address 1: 421 N County Farm Road

Mailing Address 2: County: DuPage

City: Wheaton State: IL Zip: 60477 Telephone: 630-407-6700

Contact Person: Mary Beth Falsey Email Address: falsey@dupageco.org
(Person responsible for Annual Report)

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

County of DuPage
41 municipalities and townships listed on 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 ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
6. Pollution Prevention/Good Housekeeping ☐

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: Date: 5-29-19

Anthony Charlton
Printed Name:

Director of Stormwater Management
Title:

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

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

IL 532 2585
WPC 691 Rev 6/10

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.

2018 ANNUAL FACILITY INSPECTION REPORT

DUPAGE COUNTY NPDES PERMIT # ILR400502

SECTION A

No changes were made to Best Management Practices during the reporting year from the County of DuPage 2018 Notice of Intent, Permit No. ILR40 0502 dated May 4, 2018.

SECTION B

Section 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-permitee 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-ermitee 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 staff created or updated the following educational materials:

Brochures

- Unincorporated Residential Drainage
- Professionals Guide to Landscaping
- Updated all brochures to include climate change information

These and other educational materials are distributed at events, at the DuPage County offices, are shared with municipalities and townships for distribution, and are available on our website:

https://www.dupageco.org/EDP/Stormwater_Management/1163/

Co-permittees made available these and other materials available in offices, posted on websites and/or by providing a link to the DuPage County website.

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:

DuPage County Stormwater staff presents at and hosts educational workshops and conferences throughout the county to educate the general public as well as professionals about water quality trends and issues. Workshops are held in every major watershed at least twice per year. Some of these workshops are open to all members of the public, while others are specific training for stormwater professionals. The following presentations were made by DuPage County Stormwater staff during the reporting year:

Event	Date	Location	# of Attendees	NPDES Category	Involvement
2018 IAFSM Annual Conference	3/14/2018	Regional	500	Education & Outreach	Presenter
Downers Grove South H.S. Quarry Tour	4/3/2018	Downers Grove	30	Education & Outreach	Host/Quarry Tour
Downers Grove South H.S. Quarry Tour	4/6/2018	Downers Grove	40	Education & Outreach	Host/Quarry Tour
East Branch DuPage River Watershed Workshop	4/20/2018	East Branch Watershed	50	Education & Outreach	Sponsor/Presenter
York High School Quarry Tour	4/24/2018	Elmhurst	50	Education & Outreach	Host/Quarry Tour
West Branch DuPage River Watershed Workshop	4/27/2018	West Branch Watershed	50	Education & Outreach	Sponsor/Presenter
Salt Creek Watershed Workshop	5/11/2018	Salt Creek Watershed	50	Education & Outreach	Sponsor/Presenter

Jackson Elementary School STEM Presentation	5/14/2018	Elmhurst	100	Education & Outreach	Presenter
Elmhurst Quarry Teacher Tour	5/31/2018	Elmhurst	30	Education & Outreach	Host/Quarry Tour
Sugar Creek Watershed Plan Public Meeting	6/27/2018	Sugar Creek Watershed	50	Education & Outreach	Presenter
Calument Stormwater Collaborative	8/3/2018	Countywide	50	Education & Outreach	Presenter
DuPage River Feasbility Study Meeting	8/15/2018	Countywide	200	Education & Outreach	Host/Presenter
Graue Mill Project Ceremony	9/11/2018	Hinsdale	100	Education & Outreach	Host/Presenter
East Branch Watershed Workshop	10/3/2018	East Branch Watershed	50	Education & Outreach	Host/Presenter
West Branch Watershed Workshop	10/4/2018	West Branch Watershed	50	Education & Outreach	Host/Presenter
Salt Creek Watershed Workshop	10/24/2018	Salt Creek Watershed	50	Education & Outreach	Host/Presenter
Museum of Science & Industry Jr. Science Café	11/29/2018	Countywide	50	Education & Outreach	Presenter
Green Infrastructure Seminar for MS4 Communities	12/13/2018	Countywide	200	Education & Outreach	Host/Presenter
Downers Grove North Quarry Tour	2/20/2019	Downers Grove	50	Education & Outreach	Host/ Quarry Tour

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, DuPage County Stormwater staff disbursed information throughout the countywide co-permitee area on water quality trends, largely though social media.

- Monthly Newsletter with nearly 9,000 subscribers
  http://www.dupageco.org/stormwater/news.aspx
- Facebook, Twitter & Instagram with more than 700 followers
  www.twitter.com/lovebluedupage
  www.facebook.com/lovebluedupage
  www.instagram.com/lovebluedupage
- YouTube with 20 outreach/training videos with approximately 13,000 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 attend 3 events per watershed per year to educate the public on water quality topics.

Status:

DuPage County Stormwater staff attends, presents at, and hosts events throughout the county to educate the public about water quality topics and issues. Many of these events are open to all members of the public. During the reporting year, DuPage County Stormwater staff hosted and attended the following events:

Events hosted /attended/ presented at by DuPage County staff

Event	Date	Location	# of Attendees	NPDES Category	Involvement
Green STEM: Water Dynamics	3/2/2018	Countywide	20	Education & Outreach	Sponsor/Host
Meadows Glens Elementary School STEM Night	3/14/2018	Naperville	639	Education & Outreach	Exhibit
Water Conservation Workshop & McDonald Farm Tour	3/25/2018	Countywide	50	Education & Outreach	Sponsor
Downers Grove South H.S. Quarry Tour	4/3/2018	Downers Grove	30	Education & Outreach	Host/Quarry Tour
Downers Grove South H.S. Quarry Tour	4/6/2018	Downers Grove	40	Education & Outreach	Host/Quarry Tour
Naperville Park District Water Quality Flag	4/12/2018	Naperville	20	Education & Outreach	Sponsor
2018 Sustainable Design Challenge	4/17/2018	Countywide	200	Education & Outreach	Sponsor/Host

Flood Awareness Open House	4/19/2018	Lisle	100	Education & Outreach	Participant
Naperville Park District Earth Day Fair	4/22/2018	Naperville	100	Education & Outreach	Exhibit
York High School Quarry Tour	4/24/2018	Elmhurst	50	Education & Outreach	Host/Quarry Tour
College of DuPage STEM-CON	4/28/2018	Countywide	200	Education & Outreach	Exhibit
Warrenville Arbor Day	4/28/2018	Warrenville	100	Education & Outreach	Exhibit
Molex Earth Week	5/2/2018	Countywide	50	Education & Outreach	Exhibit
Henry Puffer Elementary School Water Quality Flag	5/8/2018	Downers Grove	150	Education & Outreach	Sponsor
Pollution Prevention Seminar for MS4 Communities	5/10/2018	Countywide	200	Education & Outreach	Host
Stevenson Elementary School Water Quality Flag	5/11/2018	Lombard	200	Education & Outreach	Sponsor
Wheaton Park District Water Quality Flag	5/16/2018	Wheaton	20	Education & Outreach	Sponsor
Schafer Elementary School Water Quality Flag	5/18/2018	Lombard	200	Education & Outreach	Sponsor
Elmhurst Quarry Teacher Tour	5/31/2018	Elmhurst	30	Education & Outreach	Host/Quarry Tour
Downers Grove Public Works Open House	6/7/2018	Downers Grove	100	Education & Outreach	Exhibit
SCARCE: Where Does Water Go?	6/18/2018	Countywide	25	Education & Outreach	Sponsor

Itasca Community Library Water Quality Flag	6/19/2018	Itasca	10	Education & Outreach	Sponsor
Downers Grove Rotary Grovefest	6/25/2018	Downers Grove	50	Education & Outreach	Exhibit
Bensenville Public Works Open House	7/7/2018	Bensenville	100	Education & Outreach	Exhibit
DuPage County Fair	7/25-7/29	Countywide	500	Education & Outreach	Exhibit
Westmont Cruisin' Nights	7/26/2018	Westmont	100	Education & Outreach	Exhibit
Hanover Park 60th Anniversary Family Fest	8/11/2018	Hanover Park	100	Education & Outreach	Exhibit
DuPage County Senior Fair	8/15/2018	Countywide	100	Education & Outreach	Exhibit
SCARCE Green Fair	9/15/2018	Countywide	300	Education & Outreach	Exhibit/Sponsor
Adopt-a-Stream Kick Off	9/27/2018	Countywide	15	Education & Outreach	Sponsor
Carol Stream Water Reclamation Center Open House	10/6/2018	Carol Stream	100	Education & Outreach	Exhibit
Chloride Reduction Workshop (Sidewalks & Parking Lots)	10/18/2018	Countywide	150	Education & Outreach	Host/Sponsor
Chloride Reduction Workshop (Roads)	10/25/2018	Countywide	150	Education & Outreach	Host/Sponsor
DuPage Water Commission Water Quality Flag Ceremony	1/17/2019	Elmhurst	50	Education & Outreach	Host

West Branch Watershed Workshop	1/24/2019	West Branch Watershed	50	Education & Outreach	Host/Sponsor
East Branch Watershed Workshop	2/7/2019	East Branch Watershed	50	Education & Outreach	Host/Sponsor
Salt Creek Watershed Workshop	2/20/2019	Salt Creek Watershed	50	Education & Outreach	Host/Sponsor
Downers Grove North Quarry Tour	2/20/2019	Downers Grove	50	Education & Outreach	Host/ Quarry Tour

Events hosted /attended/ presented at by co-permitees

Addison Township	Electronics Recycling, Rain Barrels available to residents through Upcycle-products website
Bensenville	Annual Public Works Open House
Burr Ridge	Electronics Recycling, Health and Safety Expo
Carol Stream	Wastewater Treatment Plant Open House, Pond & Stream Sweep, Earth Day Cleanup & Student Monitoring, Arbor Day Tree Planting, Rx Drop Box
Downers Grove	Health and Safety Fair
Elmhurst	Community Events with TCF
Glen Ellyn	Prairie Path Cleanup & Recycle Extravaganza, Earth Day Celebration, River Sweep, Water Conservation Made Easy
Glendale Heights	Health and Safety Fair
Hanover Park	Family Fest Event
Itasca	Green Day, River Sweep, tree planting, Canon volunteers, grease collection,
Lisle	Flood Awareness Meeting,
Lisle Township	Senior Car Care Clinic
Oak Brook	Fullersburg Dam Public Meeting
Roselle	FEMA Mapping Town Hall Meeting
Villa Park	E-Waste Monthly Electronic Recycling, Spring Sweep Recycling Event

Warrenville	Public Works Open House
Wayne Township	Rain Barrel Sale, Native Plant Sale
West Chicago	Annual Blooming Fest
Wheaton	Pumpkin Composting, Native Plant Sale, Paper Shredding
Winfield Township	Open House, Annual Town Meeting, Homeowner Meeting
Woodridge	Arbor Day, Community Cleanup Day, Community Bikepath, Town Meeting, Woodridge Rotary Recycling Extravaganza, Christmas Tree Light Recycling, Christmas Tree Recycling,
York Township	Touch A Truck for Lombard Park District, York Park District & Salt Creek School

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

Date	Education	Type	Group	Town	# of Participants
3/3/2018	RB, LP, Q&Q, Rx, COR	COM.	Girl Scouts	Downers Grove	18
3/6/2018	Rx, COR	COM.	Rotary Club	Woodridge	12
3/8/2018	WSM, RB, NP, SWM, BMP, Q&Q, Rx, COR, Phos., Nutrient Load, LP	COM.	Glen Ellyn Environmental / One Earth Film Festival / College of DuPage	Glen Ellyn	77
3/7/2018	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	18
3/10/2018	RB, NP, PP, SWM, BMP, HHW, Q&Q, RX, COO, COC, PHOS, NL, ER, AB, RE, LP, GC	COM.	DuPage Organic Garden Club	Carol Stream	83
3/12/2018	Sustainable Design Challenge Planning Meeting	GOV.	DuPage County Health Department	Wheaton	3

3/13/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	28
3/13/2018	RB, LP, Q&Q, Rx, COR	COM.	Cub Scouts	Clarendon Hills	13
3/13/2018	RB, NP, PP, SWM, BMP, Q&Q, Rx, COC, COO, COR, LP, Phos., Nutrient Load, Upcoming Events	COM.	Twig & Bloom Garden Club	Glen Ellyn	12
3/14/2018	BMP, Q&Q, Rx, GC, COR, COC, COO, Upcoming Events, Program & Workshop Opportunities	COL.	Midwestern University	Downers Grove	17
3/15/2018	Pesticides, NP, Nutrient Load	COM.	Glen Ellyn Womens Club	Glen Ellyn	6
3/19/2018	COR Location Set - up	GOV.	Bensenville Wastewater	Bensenville	1
3/20/2018	Program Opportunities, Upcoming Events, Newsletters, Q&Q, Watersheds, SWM, Phos., Nutrient Load, LP, GC, Stormdrain Medallions, Lead - Free Hoses, Rx, AB, RB, PP, NP, GR, COR	GOV.	Itasca Library	Itasca	5
3/21/2018	RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos. , Nutrient Load, WSM, LP	GOV.	Itasca Library	Itasca	12
	COR, Leak Dectection Tablets	GOV.	West Chicago Environmental Commission	West Chicago	7
3/23/2018	Planning Meeting for Grad Credit Summer Workshop	COL.	University of St. Francis	Joliet	1
3/27/2018	Staff Training Program Opportunities & Workshops, WQF, Pesticides, Phos., Fertilizer, Nutrient Load, NP, LP, PP, GR,	GOV.	Naperville Park District	Naperville	11

	GC, SWM, BMP, Road Salt, COO, COC, Q&Q				
3/27/2018	BMP, COO, COC, Phos., Fertilizers, Nutrient Load, LP, NP, Program & Workshop , SWM, Upcoming Events	GOV.	Naperville Park District	Naperville	43

4/2/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Scouts	Glen Ellyn	12
4/3/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	B	Invesco	Downers Grove	8
4/9/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., Nutrient Load, LP	COM.	Girl Scouts	Wheaton	15
4/9/2018	Q&Q, LP, SWM, BMP	B	Hendrickson International	Woodridge	80
4/10/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Wheaton	15
4/11/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	19
4/12/2018	Q&Q, LP, BMP, Rx, GC, RB, NP, COR	COM.	Girl Scouts	Glen Ellyn	21
4/12/2018	Water Quality Flag Ceremony	GOV.	Naperville Park District	Naperville	23
4/18/2018	RB, NP, PP, SWM, BMP, RX, Q&Q, COR, GC, LP	B	CoreCentric	Carol Stream	220
4/19/2018	COC, COO, Rx, Phos., Nutrient Load	GOV. / COM.	Aurora Public Library - Third Thursday	Aurora	14
4/21/2018	Rx, COR	GOV. / COM.	Wheaton Park District	Wheaton	70
4/22/2018	Leak Detection Tablets, Rx, Q&Q, BMP, COR, COC	GOV. / COM.	Glen Ellyn Park District	Glen Ellyn	150

4/22/2018	SDC, Rx, COR, BMP, Q&Q, LP, SWM, COC	GOV./ COM.	Naperville Park District	Naperville	280
4/25/2018	Flooding in DuPage, SWM, Rx	GOV. / COM.	Impact DuPage	Medinah	70
4/25/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., Nutrient Load, LP	GOV.	Wheaton Park District	Wheaton	8
4/26/2018	LP,Q&Q, BMP, Expanding the Pick - Up 5 Initiative	GOV.	Forest Preserve District of DuPage County	DuPage County	5
4/26/2018	RB, NP, SWM, BMP, Q&Q, Rx, COC, COO, COR, GC, LP	B	SWM International	West Chicago	30
4/27/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	13
4/27/2018	Q&Q, BMP, COC, COO, RB, NP, Phos., Nutrient Load, Rx, COR, LP, GC	B	FP	Addison	13
4/28/2018	NP, SWM, BMP, Rx	GOV. / COM.	City of Wheaton	Wheaton	486
4/30/2018	Q&Q, BMP, COC, COO, RB, NP, Phos., Nutrient Load, Rx, COR, LP, GC	B	Subaru	Itasca	25
5/2/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	24
5/3/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	22
5/5/2018	Growin Green Garden Market	COM.	SCARCE	Glen Ellyn	350
5/5/2018	Composting Workshop for Community Residents, RB, BMP, Nutrient Load	COM.	SCARCE	Glen Ellyn	24
5/8/2018	Q&Q, Rx, Leak Detection Tablets	COM.	Noon Lions Club	Naperville	15
5/9/2018	NP, RB,	B	Wolfden Brewing Company	Bloomingdale	1
5/10/2018	RB, LP, Q&Q, Rx, COR	COM.	Scout Troop	Clarendon Hills	23

5/12/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Elk Grove Village	17
5/12/2018	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, LP,	GOV / COM.	Schaumburg Township Library	Schaumburg / Elk Grove Village / Hanover Park	158
5/16/2018	Water Quality Flag Ceremony	GOV.	Wheaton Park District	Wheaton	21
5/21/2018	Q&Q, COC, COO, GB, GR, RB, Cisterns, Community Gardens, NP, Nutrient Load, Pesticides, LP	COM.	Cantigny	Wheaton	73
5/24/2018	Set - Up GEPL Summer Reading Program, RB, BMP, LP, Watersheds, Q&Q, Lead - Free Hose	GOV.	Glen Ellyn Public Library	Glen Ellyn	2
6/4/2018	Water Conservation Summer Reading Program Kick - Off	GOV. / COM.	Glen Ellyn Public Libray	GlenEllyn	800
6/4/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Glen Ellyn	10
6/7/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COR, LP	GOV. / COM.	DuPage County Municipal Stormwater Engineers	Wheaton	38
6/7/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, COR, LP, Phos., GC, Nutrient Load	GOV. / COM.	Downers Grove Public Works	Downers Grove	140
6/7/2018	Water Conservation ,Programs & Workshop Opportunities, WQF, Q&Q, Flooding DPC, SWM, BMP, Leak Detection Tablets, COR, NP, Fertilizer, Nutrient Load, RB, Cisterns, Lead - Free Hoses, LP, Rx, Storm Drain Medallions, Newsletters	GOV. / COM.	Glen Ellyn Public Libray	Glen Ellyn	5
6/8/2018	Green Audit, Q&Q, BMP, NP, RB	B.	NOW Foods	Roselle	3

6/19/2018	Water Quality Flag Ceremony	GOV.	Itasca Public Library	Itasca	8
6/20/2018	Stormdrain Medallions, Program Opportunities	B.	Spraying Systems	Glendale Heights	1
6/21/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, LP	GOV. / COM.	Wheaton Park District	Wheaton	24
6/26/2018	Green Audit, Q&Q, BMP, NP, RB	B.	NOW Foods	Bloomingdale	3
6/28/2018	Q&Q, Rx, COR, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	19
7/2/2018	Stormdrain Medallions Project	COM.	River Prairie Group Sierra Club	DuPage County	2
7/2/2018	Green Audit Planning meeting	B.	Invesco	Downers Grove	1
7/7/2018	WSM	GOV. / COM.	Bensenville Public Works	Bensenville	75
7/9/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Camp Blackhawk	Wheaton	41
7/10/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District -Mean Camp Green & Camp Illini	Wheaton	140
7/12/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Camp Sports & Sorts	Wheaton	29
7/12/2018	Stormdrain Medallions, LP	GOV.	Naperville Park District	Naperville	2
7/12/2018	Stormdrain Medallions, LP, Pick - Up	COM.	Glen Ellyn Rotary	Glen Ellyn	18
7/13/2018	RB, NP, SWM, BMP, Q&Q, Rx, COR, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	11
7/14/2018	Stormdrain Medallions, Q&Q, BMP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	2
7/17/2018	COR, LP	GOV.	Village of Woodridge	Woodridge	2
7/18/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Addison Park District	Addison	32
7/24/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Camp No Name	Wheaton	122

7/24/2018	WSM Loan	GOV.	DuPage County Stormwater	Wheaton	1
7/26/2018	Stormdrain Medallions Project, Medallion Application Training	GOV.	DuPage County Stormwater	Wheaton	7
7/31/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Addison Park District	Addison	13
8/2/2018	Q&Q, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	23
8/2/2018	Stormdrain Medallions	GOV.	City of West Chicago	West Chicago	12
8/3/2018	NP, PP, SWM, BMP, Q&Q, Rx, COC, GC, LP	B	Invesco	Downers Grove	4
8/7/2018	Stormdrain Medallions	B	Win Cup	West Chicago	1
8/8/2018	Eagle Scout Stormdrain Medallion Project	COM.	Boy Scouts of America	Glen Ellyn	1
8/9/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District	Wheaton	37
8/14/2018	RB, NP, SWM, BMP, Q&Q, COC, COO, COR, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	10
8/21/2018	Stormdrain Medallions, COR, LP, Upcoming Events	B	Thomas Reuters	Oak Brook	1
8/23/2018	Stormdrain Medallions	COM.	Kiwanis Club	Glendale Heights	10
8/23/2018	SWM, BMP, Stormdrain Medallions		Illinois Environmental Council	Darien	83
8/27/2018	Stormdrain Medallions	COM.	Kiwanis Club	Downers Grove	9
8/30/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	16
9/4/2018	Program & Workshop Opportunities, Pesticides & Herbicides, Nutrient Load, NP, Rx, Q&Q, COR, LP, SDM, BMP, Lead - Free Hoses, GC	COM.	Grace United Methodist Women	Naperville	33

9/4/2018	Stormdrain Meadllions, LP	GOV.	Naperville City Council	Naperville	30
9/6/2018	Stormdrain Meadllions, LP	COM.	West Chicago Kiwanis Club	West Chicago	12
9/12/2018	Stormdrain Medallions, Green Fair	COM.	Wheaton Rotary Club	Wheaton	42
9/13/2018	Program & Workshop Opportunities, AB, Rx, BMP, Q&Q, Nutrient Load, NP, GB, GC, Newsletters	COM.	Environmental School for Garden Clubs of IL	Naperville	17
9/15/2018	Green Fair	COM.	SCARCE	Wheaton	766
9/19/2018	Program Planning Meeting, SDM, LP, Q&Q, BMP	COM.	Girl Scouts of America	Woodridge	1
9/20/2018	RB, NP, SWM, BMP, Q&Q, Rx,COC, COO, COR	GOV. / COM.	Naperville Public Library	Naperville	18
9/24/2018	RB, NP, SWM, BMP,Q&Q, Rx, COC, COO, COR, GC, LP	B	NOW Foods	Blomingdale	5
9/24/2018	Q&Q, SWM, WSM, SDC	COM.	Naperville Kiwanis Club	Naperville	30
9/25/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	23
9/26/2018	RB, NP, SWM, BMP,Q&Q, Rx, COC, COO, COR, GC, LP	B	NOW Foods	Bloomingdale	94
9/27/2018	RB, NP, SWM, BMP,Q&Q, Rx, COC, COO, COR, GC, LP	B	NOW Foods	Roselle	117
10/3/2018	Stormdrain Medallions, LP, COR	GOV.	Village of Bloomingdale	Bloomingdale	1
10/6/2018	WSM, Leak Detection Tablets, LP, NP, COR	GOV. / COM.	Downers Grove Sanitary District	Downers Grove	150
10/6/2018	Watershed Model	GOV. / COM.	Village of Carol Stream	Carol Stream	100
10/9/2018	Staff Training - RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COR, LP, WQF	GOV.	DuPage Water Commission	Elmhurst	18

10/9/2018	Program & Workshop Opportunities, LP, Stormdrain Medallions, Pesticides, Fertilizers, Q&Q, COR, Rx, Newsletters, NP	COM.	Twig and Bloom Garden Club	Glen Ellyn	12
10/9/2018	Stormdrain Medallions, LP	COM.	Rotary After Dark	Naperville	25
10/16/2018	Stormrain Medallions, LP	COM.	Roselle / Bloomingdale Rotary	Roselle	18
10/18/2018	GB, GR,Q&Q, RB, Lead - Free Hoses, NP, Pesticides, Fertilizers, COR, GC, Rx, Upcoming Events	COM.	Lord of Life Lutheran Church	Clarendon Hills	20
10/18/2018	Stormdrain Medallions, LP, BMP, SWM, Q&Q	COM. / COL.	Circle K - Kiwanis / North Central College	Naperville	4
10/18/2018	Q&Q, BMP, Rx, COR	COM.	Girl Scouts	Naperville	13
10/18/2018	Stormdrain Medallions, LP, BMP, SWM, Q&Q, COR	COL.	Wheaton College	Wheaton	1
10/25/2018	Program & Workshop Opportunities, Upcoming Events, Q&Q, Rx, LP, Stormdrain Medallions, COR, Pesticides, Fertilizers, NP, Lead - Free Hoses, GC	COM.	Council Catholic of Women	Lombard	45
10/29/2018	Workshop Opportunities, LP, NP,PP, RB, Rx, WSM, COR, Q&Q, Lead - Free Hoses	GOV.	City of Elmhurst	Elmhurst	2
10/30/2018	Stormdrain Medallions, LP	COM.	Villa Park Rotary	Villa Park	17
10/31/2018	Stormdrain Medallions, LP	GOV.	Village of Bloomingdale	Bloomingdale	1
11/1/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COO, COR, Phos., GC, LP	B.	Hendrickson International	Woodridge	67

11/1/2018	Stormdrain Medallions, Q&Q, BMP	COM.	Hawthorne Garden Club	Glen Ellyn	19
11/1/2018	Stormdrain Medallions, LP, Program & Workshop Opportunities, WQF, Newsletters, Upcoming Events	GOV.	IPRA (Illinois Parks & Recreation Association)	Naperville	17
11/2/2018	Staff Training - RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COR, LP, WQF	GOV.	DuPage Water Commission	Elmhurst	9
11/2/2018	Stormdrain Medallions	GOV.	Village of Bloomingdale	Bloomingdale	1
11/6/2018	Program & Workshop Opportunities, COC, NP, Pesticides, Fertilizer, Nutrient Load, Q&Q, RB, Rx, LP, Stormdrain Medallions, COR, GC	COM.	Oak Trace	Downers Grove	22
11/7/2018	WSM, Stormdrain Medallions, LP	COM.	Protect Your Water Workshop	Glen Ellyn	1
11/7/2018	Program & Workshop Opportunities, Rx, Upcoming Events, WQF, Leak Detection Tablets, Stormdrain Medallion, LP, Q&Q, BMP, SWM, COC	COM.	Meemic Foundation	Naperville	46
11/12/2018	WQF,	GOV.	Elmhurst Public Library	Elmhurst	1
11/13/2018	Stormdrain Medallions, Upcoming Projects, Program Possibilities, COR	B.	Earth Friendly Products	Addison	2
11/13/2018	Rx, GC	COM.	People's Resource Center	Wheaton & Westmont	1
11/14/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	20
11/15/2018	NP, SWM, BMP, Rx, Q&Q, Rx, COR, COC, COO, LP, Stormdrain Medallions	B.	NOW Foods	Roselle	85

11/15/2018	NP, SWM, BMP, Rx, Q&Q, Rx, COR, COC, COO, LP, Stormdrain Medallions	B.	NOW Foods	Bloomingdale	120
11/16/2018	NP, SWM, BMP, Rx, Q&Q, Rx, COR, COC, COO, LP, Stormdrain Medallions	B.	NOW Foods	Bloomingdale	150
11/20/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	20
11/24/2018	COR, Post Thanksgiving collection event	GOV.	Village of Roselle	Roselle	30
11/28/2018	WSM Training	GOV.	DuPage County Stormwater	Wheaton	4
11/28/2018	WSM Loan	GOV.	DuPage County Stormwater	Wheaton	1
12/3/2018	WQF, Stormdrain Medallions, Program Opportunities, Working With Green Team	Gov.	Glen Ellyn Park District	Glen Ellyn	1
12/6/2018	Open House - WSM, Leak Detection Tablets, Stormdrain Medallions, Rx, Newsletters, Program Opportunities, Upcoming Events	COM.	SCARCE	Glen Ellyn	67
12/12/2018	Q&Q, BMP, Rx	COM.	York Community Resource Center	Lombard	26
12/13/2018	Rx, COR	B.	Invesco	Downers Grove	180
12/13/2018	WQF, Pesticides, Q&Q, COR, SDM, LP	COM.	Boy Scout Trooop 55	Downers Grove	7
12/14/2018	Stormdrain Medallions, Q&Q, BMP, LP	COM.	Boy Scout Troop 75	Naperville	1
12/18/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Wheaton	21
1/7/2019	Program & Workshop Opportunities, WQF, Newsletters, COC, GB, Q&Q, RB, Lead -Free Hoses, GR, NP,	COM.	Elmhurst Garden Club	Elmhurst	56

	Pesticides, Rx, LP, Upcoming Events				
1/10/2019	Planning DuPage Water Commission Tour	GOV. / COM.	DuPage Water Commission / Elmhurst Cool Cities	Elmhurst	2
1/11/2019	LP, Q&Q, RB, BMP, Rx, Upcoming Events	COM.	Girl Scouts	Naperville	11
1/14/2019	Sustainable Design Challenge Planning Meeting	GOV.	DuPage County	Wheaton	2
1/14/2019	Sustainable Design Challenge Planning Meeting	GOV.	DuPage County Health Department	Wheaton	1
1/14/2019	Sustainable Design Challenge Planning Meeting	GOV.	Regional Office of Education	Wheaton	1
1/17/2019	Water Quality Flag Ceremony	GOV.	DuPage Water Commission	Elmhurst	38
1/21/2019	Program & Workshop Opportunities, WQF, Newsletters, COC, GB, Q&Q, RB, Lead -Free Hoses, GR, NP, Pesticides, Rx, LP, Upcoming Events	COM.	Garden Club of Downers Grove	Downers Grove	52
1/22/2019	Program & Workshop Opportunities, Newsletters, Upcoming Events, Q&Q, Nutrient Load, Pesticides, SWM, LP, Lead - Free Hoses, Rx, AB, GC, COR, Stormdrain Medallions, PP, BS, GR, NP, RB	COM.	Itasca Garden Club	Itasca	30
1/23/2019	Q&Q, Rx, COC, COO	COM.	SCARCE	Glen Ellyn	25
1/24/2019	LP, Q&Q, RB, BMP, Rx, Upcoming Events	COM.	Boy Scouts	Glen Ellyn	5
1/25/2019	WQF Planning Meeting	Admin	Heritage Lakes	Carol Stream	1

1/28/2019	Program & Workshop Opportunities, Newsletters, Upcoming Events, Q&Q, Nutrient Load, Pesticides, SWM, LP, Lead - Free Hoses, Rx, AB, GC, COR, Stormdrain Medallions, PP, BS, GR, NP, RB, Lead - Free Hoses, GR, NP, Q&Q, Rx, LP, Pick - Up 5	COM.	Garden Study Club of Hinsdale /Oakbrook	Hinsdale	38
2/5/2019	Stormdrain Medallion Training	GOV.	Glen Ellyn Public Library	Glen Ellyn	1
2/12/2019	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	16
2/13/2019	Rx, Stormdrain Medallions, Nutrient Load, Fertilizers, Pesticides	COM.	Naperville Rotary	Naperville	18
2/16/2019	Q&Q, Leak Detection Tablets, Stormdrain Medallions, LP	COM.	Naperville Area Homeowners Confederation	Naperville	11
2/18/2019	WSM	COM.	Brownie Troop	Naperville	8
2/18/2019	Silver Award Project Ideas - Stormdrain Medallions	COM.	Girl Scouts	Wheaton	3
2/25/2019	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	23
2/26/2019	RB, LP, Q&Q, Rx, COR	COM.	Girl Scouts	Wheaton	14
2/27/2019	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	21
2/27/2019	RB, LP, Q&Q, Rx, COR	COM.	Girl Scouts	Wheaton	17

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 of Group - B - Business, CB - Community Booth, CE - Community Event, COL - College, COM - Community Group, GOV - Government, ST - Student, T - Teachers, TW - Teacher Workshop, Y - Youth

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. The following activities were conducted by S.C.A.R.C.E. and supported by DuPage County during the reporting year:

Date	Education	Type	Group	Location	# of Participants	# of Students
3/1/2018	RB, NP, PP, SWM, BMP, HHW, Q&Q, Rx, COO, COC, COR, Phos., Nutrient Load, LP	T, ST	Schiesher E.S.	Lisle	11	100
3/2/2018	Water Dynamics Workshop - Teacher Institute Day	T, ST	DuPage County Teachers	DuPage	11	0
3/6/2018	Q&Q, LP, BMP	T,ST	Hadley Jr. High	Glen Ellyn	10	350
3/8/2018	Stormdrain Medallions, LP, COR	T,ST	Glenbard North H.S.	Carol Stream	1	2

3/12/2018	Newsletters, Workshop Opportunities, Q&Q, AB, GC, Rx, COR, Fertilizers, Nutrient Loas, NP, LP	T	Roy DeShane E.S.	Carol Stream	30	0
3/14/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COC, COO, COR, PHOS, Nutrient Load	T, ST	Franklin M.S.	Wheaton	6	179
3/14/2018	WSN - RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, COR, Phos., Nutrient Load, LP	ST	Meadow Glens	Naperville	254	326
3/19/2018	RB, Q&Q, BMP, LP	T,ST	Westminster	Glen Ellyn	5	34
3/20/2018	RB, Q&Q, BMP, LP	T, ST	Westminster	Glen Ellyn	5	29
3/20/2018	Q&Q, Rx, Leak Detection Tablets, COR	ST, Parents	School District 89	Glen Ellyn	25	30
3/28/2018	Summer Workshop Planning Meeting	T	SCARCE	Glen Ellyn	1	0
4/5/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., Nutrient Load, LP	T, ST	Henry Puffer E.S.	Downers Grove	6	85
4/10/2018	COO, Phos., Nutrient Load, RB, Community Gardens, BMP	T.	Mark Delay E.S.	Darien	2	0
4/17/2018	SDC	T, ST, COM.	Du Page County High School Students	DuPage	5	87
4/18/2018	Q&Q, LP, WQF, Fertilizer, BMP, Phos., Nutrient Load, Coal Tar, Rx, AB, Leak Detection Tabs, NP, GR, GC, COO, COC, Upcoming Events, Newsletters	T	St. Joan of Arc School	Lisle	22	0
4/20/2018	Q&Q, LP, Stormdrain Medallions, COR	T, ST.	Wood Dale Jr. High	Wood Dale	7	110
4/23/2018	Q&Q, LP, COC, COO, SWM, Flooding in DPC, Stormdrain Medallions	T, ST	St. Joan of Arc School	Lisle	12	300
4/27/2018	WSM Loan	T, ST	Pleasant Lane School	Lombard	1	20
5/1/2018	Stormdrain Medallion Training	T, ST	Jackson M.S.	Villa Park	2	2

5/2/2018	RB, NP, Q&Q, Lead - Free Hoses, Community / Schoolb Garden Planning Meeting	T	Lincoln Academy	Roselle	2	0
5/3/2018	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, LP, WQF	T, ST	Schafer E.S.	Lombard	2	53
5/7/2018	WSM Training / Loan	T	Greenhouse Co - School	Wheaton	1	41
5/8/2018	Water Quality Flag Ceremony	T, ST	Henry Puffer E.S.	Downers Grove	40	350
5/11/2018	Water Quality Flag Ceremony	T, ST	Stevenson E.S.	Lombard	24	266
5/12/2018	WSM Loan	T, ST	Wheaton Christian Grammar School	Winfield	1	73
5/14/2018	WSM Loan	T, ST	Jackson E.S.	Villa Park	2	20
5/15/2018	RB, NP,	T, ST	Mark De Lay E.S.	Darien	4	25
5/18/2018	WSM	T, ST	Elmhurst Academy	Elmhurst	50	60
5/18/2018	Water Quality Flag Ceremony	T, ST	Schafer E.S.	Lombard	47	452
5/31/2018	Quarry Workshop	T	Elmhurst School District 205	Elmhurst	3	0
6/18/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	15	0
6/19/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/20/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/21/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/22/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/27/2018	Living Water Workshop - Teacher's Present Lesson Plans	T.	SCARCE /DuPage County Teachers	DuPage	5	0
8/13/2018	Water Quality Flag	T.	School District 4	Addison	26	0
8/29/2018	Program & Workshop Opportunities, WSM, Stormdrain Medallions, WQF	T.	DuPage Children's	Naperville	187	0
9/5/2018	Staff Training, Stormdrain Meadllions, LP	T	York Center School	Lombard	17	0

9/5/2018	Stormdrain Meadllions, LP	T, ST	York Center School	Lombard	3	8
9/5/2018	RB, BMP, Q&Q, Rx, COR, LP	T,ST	Erickson E.S.	Bloomingdale	33	478
9/13/2018	WSM Loan	T, ST	Lace E.S.	Darien	1	161
9/20/2018	Stormdrain Meadllions, LP,	T, ST	Willowbrook H.S.	Villa Park	1	23
9/21/2018	WSM	T, ST	Westmont High School	Westmont	20	20
9/21/2018	NP, Q&Q	T,ST	Mark DeLay E.S.	Darien	8	175
9/26/2018	WSM Loan	T,ST	Hawthorne E.S.	Elmhurst	1	13
10/5/2018	Workshop & Program Opportunities, AB, Flooding in DuPage, BMP, Q&Q, Rx, LP	T, ST	Benjamin M.S.	West Chicago	8	72
10/10/2018	Q&Q, BMP, RB, NP	T, ST	Roy De Shane E.S.	Carol Stream	3	47
10/10/2018	WSM Loan	T, ST	Glenbard East H.S.	Lombard	1	80
10/11/2018	Stormdrain Medallions, LP	T, ST	Hawthorne E.S.	Elmhurst	1	10
10/22/2018	Stormdrain Medallions, LP, BMP, Q&Q, COR	T, ST	Hinsdale South H.S.	Darien	2	15
11/6/2018	WSM, Stormdrain Medallions, LP	T	School District 205	Elmhurst	4	0
11/6/2018	Stormdrain Medallions, Pick - Up 5	T, ST	Hinsdale South H.S.	Darien	2	14
11/12/2018	WSM Loan	T	Jefferson E.S.	Elmhurst	1	34
11/15/2018	Stormdrain Medallions, LP, Pick - Up 5	T,ST	Metea Valley H.S.	Naperville	2	18
11/15/2018	Bass in the Class Event, WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, LP	T, ST	Forest Preserve District of DuPage County	Oak Brook	16	120
12/4/2018	Q&Q, LP, SDM, COR, SDC	T., ST.	Downers Grove North H.S.	Downers Grove	2	40
12/12/2018	WSM- SWM, Q&Q, BMP, RB, NP, PP, Rx, LP, WQF		York Center School	Lombard	4	16
12/18/2018	WSM Loan	T., ST.	Downers Grove North H.S.	Downers Grove	1	45
1/4/2019	Planning Meeting For WSM Programs	T	Still M.S.	Naperville	1	0

1/4/2019	Groundwater Flow Model Loan	T	Still M.S.	Naperville	1	110
1/7/2019	LP, Upcoming Events, WQF	T, Administrator	School District 45	Villa Park	18	0
1/10/2019	Pllanning for WSM Programs, WQF, Stormdrain Medallions	T	Sipley Elementary	Woodridge	2	0
1/17/2019	WSM - Q&Q, Watersheds, Nutrient Load, Fertilizers, Run - Off, LP, SWM, Flooding in DPC	T., ST.	Still M.S.	Naperville	10	265
1/17/2019	Staff Training Planning Meeting, WQF	T.	Elsie Johnson E.S.	Hanover Park	1	0
1/18/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T., ST.	Still M.S.	Naperville	10	265
1/23/2019	WQF Staff Meeting - WQF, WSM, Q&Q, Nutrient Load, Flooding in DuPage, SWM, LP, Stormdrain Medallions,Rx, GR, RB, PP, Run - Off, NP, COO, COR, Newsletters	T., ST.	Elsie Johnson E.S.	Hanover Park	50	0
1/23/2019	WSM, LP,Nutrient Load, SWM	T., ST.	Sipley E.S.	Woodridge	3	17
1/24/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T., ST.	Sipley E.S.	Woodridge	2	17
1/25/2019	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., LP	T., ST.	Washington E.S.	Wheaton	8	63
1/26/2019	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., LP	T, ST. , COM.	Maercker School District	Westmont	150	200
2/8/2019	WSM - Loan	T	Field E.S.	Elmhurst	1	8
2/14/2019	Staff Training, Water Quality Flag, Scheduled Student WSM Programs, GR, LP, Nutrient Load, NP, PP, Q&Q, RB, Rx, SWM, WSM	T	Heritage Lakes E.S.	Carol Stream	32	0

2/15/2019	Water Quality Flag, WSM Presentation, NP	T	Field E.S.	Elmhurst	4	0
2/19/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T,ST	Elsie Johnson	Hanover Park	11	82
2/20/2019	Q&Q, SDC, COR, Stormdrain Medallions, LP, NP, SWM, PP, Flooding in DPC, Nutrient Load, GR, RB, GB	T,ST	Downers Grove North	Downers Grove	2	25
2/27/2019	Q&Q, Flood Plain Protection	T, ST.	York Center E.S.	Lombard	3	16
2/28/2019	Rain Barrel Drop - Off	T, ST	Elsie Johnson E.S.	Hanover Park	2	0
2/28/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T, ST	Heritage Lakes E.S.	Carol Stream	28	336

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 of Group - B - Business, CB - Community Booth, CE - Community Event, COL - College, COM - Community Group, GOV - Government, ST - Student, T - Teachers, TW - Teacher Workshop, Y - Youth

Section B:

Public Participation/ Involvement

B2. Educational Volunteer

Goal:

DCSM 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:

Storm Drain Stenciling

DCSM sponsored the Storm Drain Stenciling program in 2018-2019 reporting year. The previous stenciling program is being converted to a medallion program in 2019 due to concerns regarding the stencil paint being washed off by rainwater over time. During the reporting year 3 groups participated in the program:

- Number of volunteers: 59
- Groups: Elementary school, Boy Scouts, College of DuPage
- Stencils applied: 123
- Communities: Downers Grove, Glen Ellyn, Naperville

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

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

River Sweep

The annual DuPage County River Sweep is a county-wide self-coordinated stream cleanup and restoration event. The purpose of the River Sweep is to encourage volunteers to help “sweep our rivers clean” by picking up debris in and along the local waterways and restoring nearby land back to its natural state. In 2019, over 61 miles of shoreline were cleared of trash. Since its inception in 1991, over 13,300 volunteers have removed approximately 280 tons of garbage from DuPage County waterways.

2018 River Sweep, May 19, 2018

- 802 volunteers
- Approximately 61 miles of streams
    - West Branch DuPage River (37.4 miles) through Bartlett, Bloomingdale, Carol Stream, Naperville, Warrenville, West Chicago, Winfield

- East Branch DuPage River (23.86 miles) through Addison, Bolingbrook, Darien, Downers Grove, Glen Ellyn, Itasca, Lisle, Lombard, Oak Brook, Roselle, Villa Park, Westmont, Wheaton

- 9.25 tons of litter removed
- 2.7 acres of riparian areas restored through removal of invasive species (buckthorn, honeysuckle, and garlic mustard)

Additional Programs by Co-Permitees

Location	Volunteer Programs
Bartlett	Host Eng/Math U-46 students
Carol Stream	Adopt a Highway, Pond & Stream Sweep, Eartch Day Cleanup at Water Reclamation Center, Arbor Day Tree Planting at Spring Elementary, Rx Drop Box
Clarendon Hills	Earth Day Activities
Downers Grove Township	Electronic Recycling and Paper Shredding
Elmhurst	Cooking oil Recycling, Pumpkin Collection, Annual Recycling Event
Glen Ellyn	Ecological Stewardship at Lambert Lake
Hanover Park	Volunteer Environmental Committee
Itasca	Green Day,Grease Collection
Lisle	The Village participated in Adopt a Highway on Main Street in Lisle
Naperville	Adopt a Drain
Warrenville	Arbor Day
Wayne	Annual Cleanup of Norton Creek
Wayne Township	Yearly Ditch Cleaning Program
Westmont	Community Rain Barrel Program, Tree Seeedling Giveaway, Parkway tree Program, Assist with Construction of Educational Garden and Apiary Project
Wheaton	Electronics Recycling, Prairie Path Cleanup
Winfield Township	Recycling Event
Woodridge	Rotary Recycling Extravaganza
York Township	Year-round Free Electronic Recycling Program for York Township Residents

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 9 watershed stakeholder meetings throughout the county during the reporting year. These events are open to all members of the public.

Event	Date	Location	# of Attendees	NPDES Category	Involvement
East Branch DuPage River Watershed Workshop	4/20/2018	East Branch Watershed	50	Education & Outreach	Sponsor/Presenter
West Branch DuPage River Watershed Workshop	4/27/2018	West Branch Watershed	50	Education & Outreach	Sponsor/Presenter
Salt Creek Watershed Workshop	5/11/2018	Salt Creek Watershed	50	Education & Outreach	Sponsor/Presenter
East Branch Watershed Workshop	10/3/2018	East Branch Watershed	50	Education & Outreach	Host/Presenter
West Branch Watershed Workshop	10/4/2018	West Branch Watershed	50	Education & Outreach	Host/Presenter
Salt Creek Watershed Workshop	10/24/2018	Salt Creek Watershed	50	Education & Outreach	Host/Presenter
West Branch Watershed Workshop	1/24/2019	West Branch Watershed	50	Education & Outreach	Host/Sponsor
East Branch Watershed Workshop	2/7/2019	East Branch Watershed	50	Education & Outreach	Host/Sponsor

Salt Creek Watershed Workshop	2/20/2019	Salt Creek Watershed	50	Education & Outreach	Host/Sponsor

Additional Meetings/ Workshops by Co-Permitees

Location	Stakeholder Meetings/ Workshops
Addison Township	Invited The Conservation Foundation to present to the Township Board
Bensenville	Annual Public Works Open house provides this opportunity to engage one on one
Bloomingdale Township	Homeowners Association Meetings
Burr Ridge	Village's Storm Water Committee consists of citizen volunteers and elected Village officials. The Committee meets quarterly in an open public forum to review and discuss storm water issues and program development pertaining to Village storm water quality programs and practices
Clarendon Hills	The Stormwater Administrator presented a general overview of the Village's NPDES MS4 Stormwater Management Program at the 02/18/2019 Village Board Meeting
Elmhurst	The has a Public Works and Buildings Committee which discusses stormwater issues at almost every meeting. At the meeting, Public Comment is on the agenda every meeting
Hanover Park	The Village's storm water plan was presented at the May Environmental Committee meeting to provide information and allow for public comment
Lombard	The Village of Lombard hosts most of DRSCW's bi-monthly meetings
Oak Brook	Fullersburg Dam Public Meeting
Winfield	The Village has a Public Works Committee that meets on a monthly basis
Wood Dale	The City's Stormwater Management Commission is scheduled to meet on a monthly basis
Woodridge	The Village hosted a "Town Meeting" in April 2018 and provided an opportunity at the public budget workshop in October 2018 regarding feedback and questions on stormwater projects

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 (Year 2):

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

Status:

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 February 5, 2019 meeting was specifically advertised to the public as an opportunity to provide input on the adequacy of the stormwater program.

NOTICE OF PUBLIC MEETING

The DuPage County Stormwater Management Planning Committee will hold a public meeting as part of their regularly scheduled meeting on Tuesday, February 5, 2019 at 7:30 a.m. in the County Board Room at 421 North County Farm Road, Wheaton, Illinois to allow the public to provide input as to the adequacy of the DuPage County Water Quality Program. This meeting is being held pursuant to Illinois Environmental Protection Agency Permit No. ILR40 Part IV. Section B. 2. c. Comments will be limited to 3 minutes.

IEPA Permit No. ILR40 includes the following components:

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

The full DuPage County Stormwater Management Program Plan can be found at:

http://www.dupageco.org/EDP/Stormwater_Management/Water_Quality/54206/

Official minutes from the Public Meeting are provided below.

DU PAGE COUNTY

STORMWATER MANAGEMENT COMMITTEE

FINAL SUMMARY

February 5, 2019 | **Planning Committee** | **7:30 AM**

COUNTY BOARD ROOM
421 N. COUNTY FARM ROAD
WHEATON, IL 60187

1. CALL TO ORDER

7:30 AM meeting was called to order by Chair James Zay at 7:30 AM.

2. ROLL CALL

PRESENT: Anderson, Brummel (7:34 AM), Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Yusuf (7:41 AM), Zay
ABSENT: Nero, Pulice

3. PUBLIC COMMENT - PUBLIC COMMENT IS LIMITED TO THREE MINUTES PER PERSON

There was no Public Comment.

4. CHAIRMAN'S REPORT

Chair Zay welcomed Janice Anderson to the Committee.

A. Anniversary Awards

Chairman Zay and Director Charlton presented Sr. Civil Engineer Wildy Pantoja (10 years), Sr. Project Engineer Dave Winceklebleck (15 years) and Kathy Huth-Nicholl (15 years) with anniversary awards for their years of dedicated service to DuPage County.

Member Brummel arrived at 7:34 PM.

Wildy Pantoja - 10 years

Dave Winklebleck - 15 years

Kathy Huth-Nicholl - 15 years

5. APPROVAL OF MINUTES

A. Stormwater Management Committee - Planning Committee - Jan 8, 2019 7:30 AM

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Greg Hart, District 3
SECONDER:	Chester Pojack, Glendale Heights Trustee (6)
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

6. CLAIMS REPORTS

A. Payment of Claims -- December/January Schedule of Claims

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Janice Anderson, Municipal
SECONDER:	David Brummel, Warrenville Mayor (6)
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

7. STAFF REPORTS

The Motion was to combine and place on file. Director Charlton answered all questions posed by the Committee.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Greg Hart, District 3
SECONDER:	Sean T Noonan, District 2
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

A. Staff Reports -- DuPage County Stormwater Management January Currents E-Newsletter

B. Staff Reports -- Floodplain Mapping Update

C. Staff Reports -- Construction Progress Update – Flood Control Improvements at Graue Mill, Redmond Reservoir Expansion Project, Pipe Painting at the Elmhurst Quarry Flood Control Facility, Demolition of up to 8 Flood Prone Properties, In-House Projects

D. Staff Reports -- DuPage County Stormwater Management Upcoming Events

E. Staff Reports -- Weeks Park Drainage Facility

F. Staff Reports -- FY2019 Water Quality Improvement Program Grant Applications

G. Staff Reports -- Crown Castle Contract Termination

H. Staff Reports -- APWA Award – Graue Mill Flood Protection Improvements Project

I. Staff Reports -- Sustainable Design Challenge Project Submittal Period Opens February 6

J. Staff Reports -- Filming at Elmhurst Quarry Flood Control Facility

K. Staff Reports -- Stormwater Ordinance Text Amendments For Revised Preliminary Flood Plain Map Adoption

8. ACTION ITEMS

A. SM-R-0081-19 RESOLUTION -- Authorizing the Acceptance of Transferred Property from Winfield Township for the County's Flood Control, Stormwater Management and Drainage Purposes

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Sean T Noonan, District 2
SECONDER:	Sadia Covert, District 5
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

B. SM-P-0048-19 Recommendation for the approval of a contract to Azteca Systems, LLC for Asset Management Software Licenses, for the period February 13, 2019 through September 30, 2022, for Stormwater Management and Public Works, for a contract amount not to exceed $107,387.00. Other Professional Service not subject to competitive bidding per 55 ILCS 5/5-1022(a). Vendor selected pursuant to DuPage County Code Section 2-300.4-108 (1) (b).

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Janice Anderson, Municipal
SECONDER:	Greg Hart, District 3
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

C. SM-R-0082-19 RESOLUTION -- Memorandum of Understanding Between the County of Dupage and the County of Will for Watershed Planning Along Within the East Branch DuPage River Watershed

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Chester Pojack, Glendale Heights Trustee (6)
SECONDER:	Janice Anderson, Municipal
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

D. Authorization for Overnight Travel -- Authorization is requested for one (1) Stormwater staff member to attend the 2019 Illinois Association for Floodplain and Stormwater Management Conference in Peoria, Illinois on March 13-14 2019, expenses to include Registration, Transportation and Lodging, for an estimated County cost of $751.48

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Greg Hart, District 3
SECONDER:	Janice Anderson, Municipal
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
ABSENT:	Nero, Pulice, Yusuf

E. Recommendation for the approval of a contract to Ciorba Group, Inc., for Professional Engineering Services to Complete DuPage County Stormwater and Floodplain permit application reviews and inspections on an as needed basis, for Stormwater Management. This contract covers the period through November 30, 2019 for a total contract amount not to exceed $15,000.00. Other Professional Service not subject to competitive bidding per 55 ILCS 5/5-1022(a). Vendor selected pursuant to DuPage County Code Section 2-300.4-108 (1) (b).

Member Yusuf arrived at 7:41 PM.

On a roll call vote.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Sean T Noonan, District 2
SECONDER:	Janice Anderson, Municipal
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Yusuf, Zay
ABSENT:	Nero, Pulice

F. Change Order -- SM-P-0566A-15 - AMENDMENT to Resolution SM-P-0566-15, issued to Comcast Holdings Corporation, to furnish, deliver & install secondary internet at various Stormwater Management Facilities through March 31, 2019 and increase the amount of the contract $10,561.47, resulting in an amended contract total amount not to exceed $170,761.47 an increase of 6.59%

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Janice Anderson, Municipal
SECONDER:	David Brummel, Warrenville Mayor (6)
AYES:	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Yusuf, Zay
ABSENT:	Nero, Pulice

9. PRESENTATION

A. Public Meeting - Regional Water Quality Program

MaryBeth Falsey, Water Quality Supervisor, stated that this public meeting is being held pursuant to Illinois Environmental Protection Agency Permit No. ILR40 to allow the public to provide input as to the adequacy of the DuPage County Water Quality Program.

Ms Falsey, gave a presentation on the Regional Water Quality Program.

B. Public Comment Discussion

Chairman Zay opened the floor up for Public Comment on the Regional Water Quality Program.

Beverly Jaszczowksi, representing SCARCE, thanked Chairman Zay and the DuPage County Water Commission, for earning the Water Quality Flag and the Earth Flag. She gave a brief update on the organizations activities.

10. OLD BUSINESS

There was no Old Business.

11. NEW BUSINESS

There was no New Business.

12. EXECUTIVE SESSION

There was no Executive Session.

13. ADJOURNMENT

Motion by Member Tornatore, seconded by Member Hart to adjourn the meeting at 7:49 AM. On a voice vote all members present voted aye. Motion carried.

The following Stormwater Management Planning Committee meetings were held during the reporting year:

- March 6, 2018
- April 3, 2018
- May 1, 2018
- June 5, 2018
- July 17, 2018
- August 7, 2018- Cancelled
- September 4, 2018
- October 2, 2018
- November 6, 2018
- December 4, 2018
- January 8, 2019
- February 5, 2019 *Advertised for Public Input on Program

Official minutes and agendas for all meetings can be found at: http://www.dupageco.org

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 (Year 2):

Develop and disperse 1 survey per year.

Status:

Surveys were distributed to attendees of the following events:

- Pollution Prevention Seminar for MS4 Communities
- Green Infrastructure Seminar for MS4 Communities
- A survey was also created by the DuPage River Salt Creek Workgroup (of which DuPage County and many of its partner communities are members) to gauge interest in and use of Salt Creek and specifically the Graue Mill area by the public.

DuPage County staff maintained 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 2018 through February 2019 a total of 37 reports were received through the Citizen Reporter App. Reports included observations on stream erosion, stream blockage reports, illegal dumping, and drainage/flooding concerns.

Section 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 partnership area 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 (Year 1):

Complete the storm sewer atlas for 50% 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
Bloomingdale Township - received data	7/13/18
Wayne Township – received data	7/13/18
York Township – received data	7/13/18
Addison Township - received data	7/13/18
Village of Woodridge – received data	7/17/18
Naperville Township – received data	11/9/18

During the 2018-2019 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 2018 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 (Year 1):

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

Status:

DuPage County Stormwater staff reviewed the Ordinances and found no need to amend with new information or regulations.

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 (Year 1):

Complete East Branch 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 East Branch DuPage River watershed was scheduled for outfall monitoring in 2018, outfall prioritization was completed for the East Branch 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

Illicit discharge risk factors that were used to determine priority outfalls were the following: industrial zoned outfalls; historical discharge complaints; twenty outfalls per stream mile; and areas of high nutrients, dissolved

materials, or heavy metals not associated with POTWs as listed in the "Biological and Water Quality Study of the E. Branch DuPage River Watershed, 2014" by Midwest Biodiversity Institute Center for Applied Bioassessment & Biocriteria. Steps 6 and 7 were modified to score anything that met the criteria of an illicit discharge risk factor to be considered a priority outfall. Some factors were excluded in order to not classify the majority of outfalls as priority; for example, chloride levels are high throughout the watershed and therefore isn't useful for IDDE prioritization. This process resulted in the classification of 171 priority outfalls out of a total of 786 MS4 outfalls in the East Branch DuPage River.

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 (Year 1):

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 East Branch DuPage River watershed. Staff also respond 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.

IDDE Reports

Date	Municipality	Issue	Outcome
3/15/2018	Unincorporated Lemont	Dirt and material flowing into canal. Salt runoff into canal.	Issues were on the Cook County side of the county border. Referred to Illinois EPA
3/23/2018	Carol Stream	Red/orange discharge in detention pond	EMT results found oil and grease from sump pit from plant matched discharge from outfall
4/29/2018	Unincorporated Glendale Heights	Residential chemical grass burn	IDOA determined that no proven misuse of pesticide. No enforcement action taken
5/9/2018	Unincorporated Lombard	Discharge of power wash water to storm sewer	Staff educated on best practices for power washing
5/21/2018	Unincorporated Addison	Potential diversion and change in drainage patterns caused by development	Ongoing
5/29/2018	Unincorporated Lisle	Citizens report of soap suds in stream south of Burlington Ave	Unable to access stream due to power line maintenance taking place. Inspected car wash up north but found no obvious illicit discharge. Inspected Rott Creek but no signs of suds

6/21/2018	Lombard	Mulch pile leachate discharge to storm sewer	Notified business owner. Recommend best management practices and compiled educational materials
7/2/2018	Downers Grove	Report of high flows of dark, hot water at Prentiss Creek	Ongoing.
7/5/2018	Unincorporated Burr Ridge	Diesel fuel discharge into storm sewer as a result of several vehicles on fire	Tested storm sewer system after the event via 4 downstream inlets. No Diesel fuel detected
7/10/2018	Glendale Heights	RVs discharging to storm sewer	Department of Community Development had hoses removed immediately
8/7/2018	Hinsdale	Emergency repair work of pipeline block valve needed	BP Pipelines in agreement to repair pipeline
9/5/2018	Westmont	Liquid from garbage compactor discharge to storm sewer	Notified property owner. Village enforcement of proeprty maintenance of dumpsters
9/14/2018	Unincorporated Darien	Citizen report of tan, murky water in creek	Runoff from improperly contained construction site or dewatering activity
10/23/2018	Oak Brook	Fuel spill at Shell Station	Verified that fuel was contained completely in the onsite catch basin. Was not released to storm sewer system or Oak Brook Tributary
10/30/2018	Darien	Septic truck discharging water to storm sewer	Contacted company directly. Claimed to be water only, not septic. Will educate workers on proper disposal
11/7/2018	Unincorporated Addison	Illicit wastewater discharge to storm sewer	Owner was notified of violation
11/26/2018	Itasca	Cooling tower makeup water discharged to storm sewers	
12/9/2018	Downers Grove	Hydraulic fluid spill in intersection possible discharge to storm sewer	Hydraulic fluid was contained to paved roadway and was not discharged to storm sewers. Contracted company to clean roadway
12/11/2018	Unincorporated Lisle	Citizens report of soap suds in stream south of Burlington Ave	Suds observed in stream. Sampled water contained surfactants. Could not determine source of illicit discharge. Ongoing

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 Detection 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 (Year 1):

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

Status:

County staff has created 22 brochures and flyers for distribution as discussed earlier in the education and outreach section of this report. 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/

C7. Visual Dry Weather Screening

Goal:

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

Milestone (Year 1):

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

Status:

The East Branch of the DuPage River was the target watershed for the 2018/19 monitoring season. 745 outfalls were visually inspected for illicit discharges within the East Branch.
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.

Additional IDDE inspections conducted by Co-Permitees

MUNICIPALITY	Illicit Discharge Detection and Elimination
Addison	Addison has identified 121 outfalls and each was visually inspected and the conditions recorded. All outfalls were normal and records are available for review in our office. The Village continues to inspect and monitor 21 primary storm sewer/waterway locations on a continuous basis (see Outfall Data results attached).

Bartlett	Bartlett PW also inspects numerous outfalls, detention basin discharge points and misc. discharge points (FES) after storm events and/or complaints.
Bensenville	The Village responded to IDDE incidents on 3-25-18; 5-1-18 and 5-10-18.
Bloomingdale	Annual Inspection of Stormwater Detention/Retention basins and outfalls
Carol Stream	Public Works conducted fourteen (14) outfall inspections. b. On March 22, 2018, Engineering notified Public Works of a red/orange discharge of an unidentified substance at the southeast corner outfall in the Tubeway Drive detention pond located immediately west of 170 Tubeway Drive. An inspection of a sump pit located in the southwest corner of the building located at 170 Tubeway Drive revealed a substance in the base which appeared to match in color and composition to the discharge at the outfall. Inspection of a manhole between the pond outfall and the interior sump pit revealed a similar substance. On March 23 the property owner was ordered to cease and desist discharging from the sump pit until further notice. Grab samples were taken at the outfall, manhole and sump pit and sent for analysis. DuPage County Stormwater staff (Marybeth Falsey) was copied on correspondence with the property owner. Test results indicated that the source of the discoloration was very likely rust/iron. Property owner was required to clean the sump pit and replace any rusted components (and to capture flush water to prevent further discharge). Property owner was also required to clean any remaining solids at the outfall. Following compliance with Public Works instructions to clean infrastructure, a follow-up inspection was performed and determined that the threat of illicit discharge no longer existed. The location was inspected weekly for several weeks and no evidence of additional discharge was found.
Darien	Staff periodically inspects outfall for illicit discharge.
Downers Grove	There were two potential IDDE locations in the last year but no enforcement required.
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.
Glen Ellyn	Annual inspection of outfalls performed during dry weather, no issues found

Glendale Heights	Erosion discharge reported in 12/2018 from boring activities being performed by Navarros Underground at 999 Regency Drive. Citations were issued by the VOGH and compliance was achieved. A local carnival was dumping into illicit materials into storm sewer system in 7/2018. A Violation Notice was given and immediate corrective action taken.
Lisle	Outfall Inspections Completed, example report for March 11, 2019 attached. Outfall inspections were completed in July 2018, October 2018 and March 2019. The Village flushes obstructions in storm structures (inlets, catch sewers, cleans storm basins and manholes) and repairs storm sewer infrastructure as needed.
Lombard	Outfalls on the East Branch DuPage River are visually observed by canoe during the River Sweep
Naperville	From March 2018 to March 2019, Naperville investigated stormwater complaints at the following locations: The detention pond in Bond Street between McDowell Road and LaSalle Avenue; 35 West Jefferson (behind Potter's), and 944 W 75th Street (Jiffy Lube). 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.
Naperville Township	Vac all drainage sumps once a year.
Oakbrook Terrace	City Engineer and staff periodically inspect outfalls for illicit discharge.
Roselle	See attachment
Wayne	Village Engineer periodically inspects outfall for illicit discharge.
West Chicago	One enforcement action taken. 10/25/18 report of gas spill in the detention pond at the Thorntons fuel station located at Rt. 59 and Rt. 38. The contaminate was contained in the pond, Code enforcement monitored cleanup over a period of five days 10/25/18 - 10/29/18.
Westmont	Village's Public Works also performs annual inspections of our outfall locations. Staff will also assist with any Illicit Discharge complaints
Wheaton	Staff inspected 15 critical outfalls where runoff is from industrial/commercial sources
Willowbrook	Village Engineer periodically inspects outfall for illicit discharge.
Winfield	They're continuous throughout the twnshp for illegal discharge into ditches / storm drains
Wood Dale	The City inspects and cleans all detention basins and outfalls on a monthly basis and contacts facility owners as appropriate.

Woodridge	The Village investigated an alleged stormwater complaint in December 2018 that was tendered to Bolingbrook for follow up.

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 (Year 1):

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

Status:

Among the 745 outfalls monitored in 2018, 26 were releasing a suspect discharge and sampled. Most of the flowing outfalls had no observable indication of illicit discharges, such as color, odor, turbidity or floatables. The following table shows the water quality data for the 26 outfalls that were sampled out of the 745 inspected outfalls.

Outfall Key	Date	Discharge	Color	Odor	Turbidity	Floatables	pH	Temp °C	Conductivity (us/cm)	Salinity	Ammonia	Surfactant	Fluoride
9234023-0507696	6/6/2018	Moderate	Clear	None	None	None	7.57	17.7	655	0.3	0	0.2	0.3
9232561-0504881	6/6/2018	Substantial	Clear	None	None	None	7.66	17	811	0.4	0	0.2	0.3
9240423-0551437	6/6/2018	Trickle	Clear	None	None	None	8.12	16.1	0	3.2	0.03	0.5	0
9243148-0554762	6/15/2018	Trickle	Clear	None	None	Other	6.8	18.7	2379	1.2	0	0.25	0
9228025-0568442	6/15/2018	Trickle	Clear	None	None	None	8.13	20	1737	0.9	0	0.25	0
9232973-0566016	6/15/2018	Moderate	Clear	None	None	None	8.1	18.5	1480	0.7	0	0.25	0
9201323-0544295	6/15/2018	Substantial	Clear	None	None	None	8.26	22	1106	0.5	0	0.25	0
9199999-0544542	6/15/2018	Trickle	Clear	None	None	None	7.8	24.5	5100	2.7	0	0.25	0
9147915-0635674	7/5/2018	Trickle	Clear	None	None	None	7.54	22.4	1219	0.6	0	0.25	0.2
9151190-0618900	7/5/2018	Trickle	Clear	None	None	None	7.32	26.1	934	0.5	0	0.25	0.4
9112521-0521562	7/10/2018	Moderate	Clear	None	None	Suds	7.2	22.2	800	0	0.2	1	0
9039387-0683826	7/11/2018	Moderate	Clear	None	None	None	7.34	25.2	853	0.4	0	0.25	0
8921955-0698320	7/11/2018	Moderate	Clear	None	None	None	7.81	21.4	2239	1.2	0	0.25	0
8921940-0698205	7/11/2018	Moderate	Clear	None	None	None	8.02	20.9	1963	1	0	0.25	0.2
8866005-0683143	7/11/2018	Moderate	Clear	None	None	Suds	7.73	25.2	1179	0.6	0	0.25	0.4
8757700-0670394	7/11/2018	Trickle	Clear	None	Slight	None	7.29	23.1	1190	0.6	0	0	0
8797699-0703986	7/18/2018	Moderate	Yellow	None	None	Suds	7.78	21.9	3622	1.9	0	0.5	0
9129768-0607299	7/26/2018	Moderate	Clear	None	None	None	8.1	21.7	2486	1.4	0	0.25	0.3
9083097-0569272	7/26/2018	Moderate	Clear	None	None	None	8.12	20.7	2582	1.5	0	0	0.4
8674903-0417874	9/12/2018	Moderate	Clear	None	None	None	7.51	22.5	1749	0.9	0	0.25	0
8670429-0430231	9/12/2018	Moderate	Clear	None	None	None	7.67	20.3	1506	0.8	0	0.25	0
8659663-0761862	10/19/2018	Moderate	Gray	None	Cloudy		0	0	0	0	0	0	0
8659663-0761862	10/19/2018						7.52	18.5	1176	0.6	0	0.25	0
8645360-0736267	10/25/2018	Trickle	Clear				7	13.7	1322	0.7	0	0.25	0.5
8655103-0667668	10/26/2018	Trickle	Clear	None		Oil	6.7	13.6	1110	0	0	0.2	0.4
8789475-0764753	12/19/2018	Trickle	Clear	None			0	8.1	807	0	0	3	0

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 a press release.

Milestone (Year 1):

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 releases of pollutants into Waters of the State occurred during the monitoring year.

Section 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 (Year 1):

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. Partner MS4s 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 (Year 1):

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

Status:

Under the *DuPage County Countywide Stormwater and Flood Plain Ordinance, c*o-permitee 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. During the reporting year, each co-permitee 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.

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 (Year 1):

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

Status:

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

D5. Public Information Handling Procedures

Goal:

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

Milestone (Year 1):

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-permitees 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 (Year 1):

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*, c*o-permitee 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-permitee 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.

Section 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 (Year 1):

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 Flood Plain Ordinance (DCCSFPO) was reviewed in 2016 to determine if updates were needed in order to comply with the updated ILR40 permit. As the DCCSFPO is a countywide ordinance, the regulations apply to the entire county and all municipalities must be at least as stringent as the DCCSFPO. Staff continues with the review of the ILR40 and the DCCSFPO (last updated in 2013) to comply with additional requirements included with the 2016 revisions to the ILR40 permit (2016). Review and discussions continued into this reporting year. Staff determined the BMP section of the DCCSFPO will require an update. This revision is being discussed and evaluated with cooperation from co-permitee agencies.
- A subgroup to the DuPage County Municipal Engineers group was created to provide technical assistance and guidance materials. This subgroup generated sample specifications for a dry well, permeable paver system, and rain garden which has been made available online. The samples are used as a template for the design of these practices on residential properties. The group continues developing inspection checklists for long term maintenance and monitoring.

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 (Year 1):

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-permitee villages and cities may elect to review and inspect development sites or they may elect to defer oversight to DuPage County. Each co-permitee 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 (Year 1):

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-permitee villages and cities may elect to review and inspect development sites or they may elect to defer oversight to DuPage County.

Each co-permitee that issued development permits required post construction BMPs on sites when impervious cover thresholds exceeded 2500 square feet. 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 (Year 1):

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:

DuPage County Stormwater Management held a Green Infrastructure Seminar for MS4 Communities on December 13, 2018. This was advertised to all co-permitees. Approximately 200 staff members from MS4s were in attendance. The full agenda is included with this report as an attachment.

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 (Year 1):

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

Status:

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permitee 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-permitees 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.

Section 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 (Year 1):

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

Status:

On May 10, 2018, DuPage County Stormwater Management held a Pollution Prevention Seminar for MS4 Communities. The county hosted the seminar which was free of charge to provide an opportunity for municipalities to receive training in Pollution Prevention in accordance with the annual training requirements of the ILR40. All participants received a certificate of attendance. The following municipalities were in documented as registered. This event was advertised and open to all co-permitees.

On October 25, 2018 DuPage County partnered with the DuPage River Salt Creek Workgroup in holding the Public Roads Deicing Workshop. This workshop was free of charge to provide an opportunity for municipalities to receive training in Pollution Prevention in municipal operations in accordance with the annual training requirements of the ILR40. Attendance included 147 registered participants, 13 presenters/staff, 7 committee members/guests, and 7 sponsors/exhibitors amounting in a total attendance of 174 individuals. All participants received a certificate of attendance. More information on this event is included in the attachments section.

On October 18, 2018, DuPage County partnered with the DuPage River Salt Creek Workgroup in holding the Parking Lots and Sidewalks Deicing Workshop. This workshop was free of charge to provide an opportunity for public and private facilities maintenance staff to receive training in reducing salt use and water quality impacts from chlorides. Attendance included 82 registered participants, 5 presenters/staff, 2 exhibitors/staff for a total of 89 individuals. All participants received a training certificate and participants who successfully completed the test are recognized on DuPage County Stormwater Management's Water Quality – Pollution Prevention/Good Housekeeping web page. More information on this event is included in the attachments section.

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 (Year 1):

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-permitees oversaw their day to day activities in accordance with best practices to minimize pollutants into waterways.

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

MUNICIPALITY	Additional Good Housekeeping Information Provided By Co-Permitees			
Addison	See attachments			
Bartlett	See attachments			
Bloomingdale Township	All outflow structures inspected annually			
Carol Stream	Manholes were inspected and flushing completed on 10,000 lineal feet of storm sewer main			
	Twenty-five (25) catch basins were cleaned			
	Twenty-five (25) catch basins were rebuilt/repaired			
	During this period 1,680 curb miles were swept and approximately 272 tons of sweeping debris collected.			
	Snow and ice operations:			
	Number of events:	Number of Events: 34		
		Total salt used: 2,698 tons		
		Anti-icing events: 18		
		Brine used: 80,586 gallons		

	The following materials used in Public Works operations were recycled:			
		Motor oil: 3148 gallons		
		Scrap Metal: 60,619 pounds		
		Tires: 126		
		Vehicle batteries: 52		
		Vehicle parts: 33		
		115 cubic yards of spoil were tested and hauled		
		220 gallons of contaminated fuel was hauled and properly disposed		
Elmhurst	Elmhurst's stormwater ordinance is more restrictive than the County's and requires stormwater BMPs for almost all development that increases the impervious area. In addition, to encourage homeowners to construct stormwater BMPs, Elmhurst funds a stormwater			
Glen Ellyn	See attachments			
Hanover Park	The Environmental Committee hosts an annual recycling event, taking in light bulbs, batteries, oil and other difficult-to-recycle items. In addition, we have a rain barrel program and an adopt-a-highway program. In the reporting period, one local elementary school	See attachments		
Hinsdale	See attachments			
Itasca	The Village has all streets swept regularly durnig the spring, summer, and fall.	See attachments		

Lisle	Outfall Inspections Completed, example report for March 11, 2019 attached. Outfall inspections were completed in July 2018, October 2018 and March 2019. The Village flushes obstructions in storm sewers, cleans storm structures (inlets, catch basins and manholes) and repairs storm sewer infrastructure as needed.	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 housing 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 pesticide are not used within 50 feet of a waterway.	The Village participated in Adopt a Highway on Main Street in Lisle.	See attachments
Lisle Township	Lisle Township Road District purchased a newer Vac-Con truck to improve storm sewer claening abilities. Lisle Township Road District does an annual brush pick up the first Monday of each month May through October. Lisle Township Road District has an annual leaf			
Naperville Township	Brush pick up 6 times a year, leaf pickup in fall with vac machine	Continue to use beet juice to reduce salt usage.	All salt stored inside. Truck washing and oil storage inside, street sweeping twice a year.	Vac all drainage sumps once a year.

Oak Brook	See attachments			
Roselle	See attachments			
Warrenville	Warrenville sponsors a yearly Shredding and Electronics Recycling Event	See attachments		
Wayne Township	Inspection and maintenance are conducted on a regular schedule			
West Chicago	See attachments			
Wood Dale	Street sweeping is performed on a monthly basis between April and November. The City contracts with a waste hauler to collect brush and leaves from residents.			
Woodridge	See attachments			
York Township	We take pride in our department. We do our best and always help residents as best we can.			

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 (Year 1):

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

Status:

During the first reporting year, co-permitees conducted street sweeping as well as storm sewer inspection, clean-out, and maintenance according to established schedules. These schedules will be reviewed in subsequent years to determine areas in need of improvement.

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 (Year 1):

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-permitees 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 (Year 1):

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

Status:

During the reporting year, DuPage County, the DRSCW, and several co-permitees in the Salt Creek Watershed participated in completion of the Lower Salt Creek Watershed Plan, which is a water quality based plan designed to meet the EPA's 9 Elements of a Watershed Plan. This effort was spearheaded by the Chicago Metropolitan Agency for Planning.

During the reporting year, DuPage County staff also completed the Sugar Creek Watershed Plan. This flood control based plan covers Sugar Creek, which is a tributary to Salt Creek. Efforts were made to incorporate water quality improvements along with flood improvements.

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 (Year 1):

Deployment and use of pre-wetting and anti-icing measures by partner agencies.

Status:

During the reporting year, DuPage County and co-permitees 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 attachments.

The DRSCW has attempted to track adoption of sensible salting BMPs in the program area since 2007. Monitoring ambient chloride concentrations has proven an imperfect metric for tracking efficiency trends in winter salt use. 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. The DRAFT 2018 Deicing Program Summary Report is included in attachments.

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.

The DRSCW water 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:

None at this time in addition to what is listed on the NOI.

SECTION E

Reliance on other government entities:

The co-permitees 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:

Project Name	Disturbed Acres	County Entity Constructing Project	Date of NOI
Graue Mill Flood Protection Improvements	1.5	Stormwater Management / Village of Hinsdale	4/14/2016
Redmond Reservoir Expansion	5.6	Stormwater Management / Village of Bensenville	5/21/2018
55th Street	15.5	Transportation	2/26/2017
Great Western Trail Project	2.13	Transportation	5/18/2018

Up to date list of current DuPage County projects can be found here:

http://www.dupageco.org/EDP/Stormwater_Management/Water_Quality/1361/

Attachments

May 21, 2019

MARCH 2018 – FEBRUARY 2019

MS4 ANNUAL REPORT

ADDITIONAL ITEMS FROM PUBLIC WORKS/ ENV. SERVICES

A. PUBLIC EDUCATION AND OUTREACH

(Nothing to report from PW/Environmental Services)

B. PUBLIC PARTICIPATION/INVOLVEMENT

A public participation event took place on August 13th, 2018. The Village of Addison, in conjunction with Boy Scout Troop 410, conducted a local River Sweep event in Westwood Creek. We collected approximately eight, 30 gallon trash bags of debris from Westwood Creek. Our Environmental Services Division assisted in the coordination of the event as well the removal of debris. Our Public Works Streets Division disposed of all refuse.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

The development of an illicit discharge detection and elimination (IDDE) program has been completed and a local IDDE manual has been submitted with the 2016 Notice of Intent. The IDDE program was fully implemented in March, 2008. The IDDE program includes a prioritization plan, outfall visual screening, monitoring program, tracing, enforcement, and reporting.

The Village of Addison had identified 121 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:

- On 4/13/2018, or department was called out to Horseshoe Ct due to soap suds being spotted in I the swale behind Horseshoe Ct. No suds were found and the area immediately to the west was inspected for illegal hook-ups to the stormwater system. No illegal hook-ups or suds were found. This has been a reoccurring problem at Horseshoe Ct and our department and Village Hall are working on a solution.

- A resident, on 7/25/18, called in a complaint about his neighbor at 233 Baynard. Apparently the neighbor was dumping concrete mix into a storm drain. Very little was

found in the drain and the neighbor denied any wrongdoing. The mix was cleaned up. We will continue to monitor.

- A straight truck belonging to Shred It was found to be leaking hydraulic fluid onto the pavement parking lot at Mauser USA LLC on 1350 W Fullerton Ave on 7/30/18. Our department placed oil absorbent pillows and booms so as to prevent any stormwater or land contamination. The responsible party cleaned up the area.

- On 8/06/18, our inspector noticed that Doyle Signs, 232 W Interstate was power washing the old paint off of their roof and into the gutters. The manger was notified that it could not be washed into the storm drains and so booms were placed in the vicinity to catch the paint chips. No paint reached the storm drains.

- On 8/8/18, a call came in about a fish kill at Stewart Pond. DuPage County was notified due to overlapping authorities. Field testing indicated that the dissolved oxygen was very low and perhaps contributed to the fish kill.

- On 8/13/18, our department along with the Boy Scouts cleaned Westwood Creek from Rozanne Dr to Addison Rd. This is a yearly event sponsored by our Department and the Conservation Foundation.

- The business at 696 W. Lake St. issued another complaint about their neighbor, Gallo Tile. The complainant stated that Gallo is dumping their process waste onto his property. Three inspections within 2 weeks indicated that no violation was occurring. However, it was noted that the business at 696 W Lake had a clogged storm drain in their parking lot. Our sewer department unclogged it and the owner was notified.

- On 8/13/18 on Addison Rd near Interstate Rd a diesel spill was reported to our department. A semi-tractor trailer was involved in an accident and the fuel tank was hit. Police and fire responded with our department and no fuel reached the storm sewers.

- On Oct. 10th PW received a call about a driveway sealant running down the drive and into storm drains. The driveway is located at 921 S. Iowa Our department placed oil booms and oil dry down. Stormwater was unaffected.

- On Oct 17th our department was called out to 421 N. Wilson Ln to investigate an oil spill caused by a garbage truck owned by Republic Svcs. Republic was called and responded quickly to the spill clean-up request. Stormwater was unaffected.

- On 10/24/18 our department responded a call from a resident about a paint spill at 133 S Vista. Our inspectors were able to clean up the spill. Stormwater was unaffected.

- On Oct. 31st our department received a call about a white liquid running into the parking lot of 2055 W Army Trail Rd. It was determined that the construction co. doing the work on I-355 was responsible. IDOT and Plote Construction were called and extra measures were put into place to cease the runoff. The water liquid was stormwater runoff from

crushed white gravel piles that IDOT was using for their construction pile on I-355. We will continue to monitor.

- On Nov. 5th Addison received a call from a resident on Mill Rd. concerning stormwater. The complainant accused the resident at 4N340 Mill Rd of discharging laundry waste from their sump pump. The incident was turned over to DuPage County since the resident was in unincorporated Addison. The case is ongoing.

- On Nov. 27th, The Village responded to a call from UPS, 150 S Lombard Rd, concerning a spill that had occurred over the previous weekend. The incident involved a truck that had caught fire. Addison PD and Fire were on site. Addison allowed the release of their remaining stormwater after UPS had closed off their stormwater system. Prior to the release, HazChem placed over 10 oil absorbing booms in the receiving stream in order to catch any residual oil from the fire.

- On Nov. 30th, Addison received a call from AFD concerning an ammonia spill at Graphic Solutions, 150 S Church St. The ammonia spill was diverted to our AJL Plant in order to prevent the ammonia from reaching Salt Creek; the high ammonia concentration would have almost certainly created a fish kill. The company will be fined and a ticket issued.

- Our department issued fines and a citation to the above company for the stormwater violation, waste water treatment, sampling and analysis of their spill on Dec. 13th after a re-inspection of their facility on Dec. 4th. Total amount was $4,068.48.

- On January 20th, a call was received by our department regarding Cassidy Tire, 200 S Church St. A violation letter was sent to Cassidy for discharging floor scrubber waste into a storm drain. We will follow up later this month to assure compliance.

- On 2/8/19, Addison received a phone call from Rimtec, 211 S Lombard Rd about foam coming out of the sewer manhole in front of their building. We tracked the foam backed to Selective Plating, 240 S Lombard Rd. The owner was notified and an antifoaming agent was adding to their waste stream.

  Finally, the Village also performed periodic grab sampling and analysis at 21 of the 121 outfall points. A total of 52 screening samples were collected and 347 different field analyses were performed. Parameters tested included Metals, D.O., Temperature, Ammonia, Nitrate, Phosphate and pH. A summary of the monitoring data collected is attached in Section C. There were no high levels reported during the testing.

F. POLLUTION PREVENTION/GOOD HOUSEKEEPING

A training session on storm water pollution prevention was held with all Public Works employees on May 10, 2018. The training focused on Pollution Prevention training for MS4 communities.

A training session was held at DuPage Co. D.O.T. on Nov. 01, 2018 for our Streets Department. The session was focused on the deicing of public roads and chloride reduction in our streams.

A summary of the reportable data for several of the municipal activities is as follows: (Next page)

ANNUAL MS4 REPORT – MUNICIPAL OPERATIONS REPORT
TIME PERIOD: MARCH 1, 2018 TO FEBRUARY 28, 2019

Street Sweeping (Minimum Control F.3):

2,052 Curb miles cleaned

2,357 Tons of debris removed from streets

Salt Usage (Minimum Control F.3):

1,855 Tons of salt used

13 Number of snow events (2" or greater)

22 Number of ice events

53 Tons of salt used per event

Sewer Catch Basin Cleaning (Minimum Control F.3):

660 # 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)

Training (Minimum Control F.1):

√ Completed Pollution Prevention training for MS4 communities employees (Date: 5-10-18)

√ Completed annual Salt Usage/Salt Loading training (Date: 11-1-18)

√ Completed annual Public Meeting (Date: 2-5-19 at DuPage County Stormwater Management Planning Committee)

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

(See attached)

LOCATION: **18" SOUTH OF CHERRY**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	NH3 (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/24/18	NF	10:30 AM									87.0	58.0	0.00
6/6/18	NF	9:00 AM									79.0	48.0	0.10
7/10/18	NF	10:20 AM									87.0	71.0	0.00
8/13/18	NF	10:30 AM									89.0	66.0	0.00
MAX											89.0	71.0	0.10
AVG.											85.5	60.8	0.10
MIN											79.0	48.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **24" LAKE STREET**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/9/18	NF	10:40 AM							81.0	57.0	0.25
6/7/18	NF	11:00 AM							81.0	60.0	0.00
7/9/18	NF	3:00 PM							99.0	66.0	0.00
8/9/18	N	10:00 AM	7.63	24.1	6.89	0.14	0.10	0.88	89.0	69.0	0.00
MAX			7.63	24.1	6.89	0.14	0.10	0.88	99.0	69.0	0.25
AVG.			7.63	24.1	6.89	0.14	0.10	0.88	87.5	63.0	0.25
MIN			7.63	24.1	6.89	0.14	0.10	0.88	81.0	57.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **36"@PALMER (AJL)**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/7/18	N	9:40 AM	7.18	17.2	5.59	0.07	0.12	0.90	75.0	46.0	0.00
6/4/18	N	2:00 PM	7.35	22.8	5.37	0.06	0.01	3.10	80.0	55.0	0.00
7/10/18	N	2:20 PM	7.34	27.9	7.01	0.16	0.10	0.84	87.0	71.0	0.00
8/13/18	N	9:45 AM	7.75	24.1	4.30	0.07	0.06	0.82	89.0	66.0	0.00
MAX			7.75	27.9	7.01	0.16	0.12	3.10	89.0	71.0	0.00
AVG.			7.41	23.0	5.57	0.09	0.07	1.42	82.8	59.5	0.00
MIN			7.18	17.2	4.30	0.06	0.01	0.82	75.0	46.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **42" SOUTH OF CHERRY**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	NH3 (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/9/18	N	10:45 AM	7.34	14.7	7.43	0.14	0.75	2.50	1.30	0.14	81.0	57.0	0.25
6/6/18	N	9:10 AM	7.82	16.4	7.61	0.24	0.01	2.00	0.47	0.18	79.0	48.0	0.10
7/10/18	NF	10:10 AM									87.0	71.0	0.00
8/13/18	N	10:15 AM	7.71	22.5	7.38	0.07	0.09	1.00	0.59	0.01	89.0	66.0	0.00
MAX			7.82	22.5	7.61	0.24	0.75	2.50	1.30	0.18	89.0	71.0	0.25
AVG.			7.62	17.9	7.47	0.15	0.28	1.83	0.79	0.11	84.0	60.5	0.09
MIN			7.34	14.7	7.38	0.07	0.40	1.00	0.47	0.01	79.0	48.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **48"ADDISON & LORRAINE**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	CHROME (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/7/18	N	9:10 AM	7.43	14.8	7.28	0.26	0.14	8.70	0.19	75.0	46.0	0.00
6/7/18	N	10:15 AM	7.93	18.9	7.68	0.06	0.01	7.60	0.12	81.0	60.0	0.00
7/9/18	N	1:40 PM	7.54	19.7	5.68	0.01	0.01	9.00	0.09	91.0	66.0	0.00
8/7/18	N	9:50 AM	7.18	18.8	7.70	0.10	0.14	0.13	0.20	83.0	69.0	2.36
MAX			7.93	19.7	7.70	0.26	0.14	9.00	0.20	91.0	69.0	2.36
AVG.			7.52	18.1	7.09	0.11	0.08	6.36	0.15	82.5	60.3	2.36
MIN			7.18	14.8	5.68	0.01	0.01	0.13	0.09	75.0	46.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

7/9/18 sample given to Lab to check copper and phosphate levels

LOCATION: **54" ADDISON & ARMITAGE**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/7/18	N	11:31 AM	7.48	15.3	8.82	0.47	0.08	8.60	75.0	46.0	0.00
6/7/18	N	10:35 AM	7.93	18.4	7.58	0.11	0.02	7.10	81.0	60.0	0.00
7/9/18	NF	1:55 PM							91.0	66.0	0.00
8/7/18	N	10:15 AM	7.54	22.7	7.31	0.07	0.12	0.02	83.0	69.0	2.36
MAX			7.93	22.7	8.82	0.47	0.12	8.60	91.0	69.0	2.36
AVG.			7.65	18.8	7.90	0.22	0.07	5.24	82.5	60.3	2.36
MIN			7.48	15.3	7.31	0.07	0.02	0.02	75.0	46.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **72" ODEUM**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	CHROME (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/9/18	N	10:45 AM	7.14	15.7	6.92	0.04	0.75			81.0	57.0	0.25
6/19/18	NF	1:35 PM								98.0	66.0	0.36
7/10/18	N	2:30 PM	7.88	25.8	3.62	0.14	0.10	0.66		87.0	71.0	0.00
8/13/18	N	10:45 AM	7.21	25.7	3.75	0.03	0.18	0.39		89.0	66.0	0.00
MAX			7.88	25.8	6.92	0.14	0.75	0.66		98.0	71.0	0.36
AVG.			7.41	22.4	4.76	0.07	0.34	0.53		88.8	65.0	0.15
MIN			7.14	15.7	3.62	0.03	0.10	0.39		81.0	57.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **CENTENNIAL POND**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/3/18	N	3:05 PM	7.26	20.9	6.58	0.08	0.10	0.00	3.90	70.0	54.0	0.57
6/18/18	N	9:50 AM	7.91	26.7	5.10	0.07	0.80	1.00	5.90	95.0	66.0	0.36
7/9/18	N	10:55 AM	8.15	26.7	7.55	0.01	0.01	0.00	1.20	91.0	66.0	0.00
8/22/18	N	3:00 PM	7.99	25.6	7.82	0.13	0.11	0.00	1.80	79.0	58.0	0.00
MAX			8.15	26.7	7.82	0.13	0.80	1.00	5.90	95.0	66.0	0.57
AVG.			7.83	25.0	6.76	0.07	0.26	1.00	3.20	83.8	61.0	0.23
MIN			7.26	20.9	5.10	0.01	0.01	0.00	1.20	70.0	54.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

6-18-18 Marcus Cinema dumpster leaking Pictures on the S:Drive

LOCATION: **DAVEA POND**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/24/18	N	11:00 AM	8.62	22.4	10.13	0.04	0.01	0.00	8.80	87.0	58.0	0.00
6/13/18	N	2:15 PM	8.04	24.3	8.20	0.12	0.01	0.00	6.80	81.0	64.0	0.00
7/12/18	NF	10:30 AM	8.34	24.1	8.80	0.09	0.01		1.20	87.0	67.0	0.00
8/7/18	N	10:50 AM	8.19	26.9	8.87	0.04	0.09	1.00	1.60	83.0	69.0	2.36
MAX			8.62	26.9	10.13	0.12	0.09	1.00	8.80	87.0	69.0	2.36
AVG.			8.30	24.4	9.00	0.07	0.03	1.00	4.60	84.5	64.5	2.36
MIN			8.04	22.4	8.20	0.04	0.01	0.00	1.20	81.0	58.0	2.36

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

No Flow Sample from the Pond was tested Large amounts of algae

LOCATION: **DIVERSEY AVE PUMP STATION**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/9/18	NF	10:10 AM							81.0	57.0	0.25
6/6/18	N	9:35 AM	7.48	18.2	5.58	0.01	0.03	2.10	79.0	48.0	0.10
7/9/18	NF	2:35 PM							91.0	66.0	0.00
8/9/18	N	10:05 AM	7.59	23.4	7.17	0.10	0.09	3.40	89.0	69.0	0.00
MAX			7.59	23.4	7.17	0.10	0.09	3.40	91.0	69.0	0.25
AVG.			7.54	20.8	6.38	0.06	0.06	2.75	85.0	60.0	0.09
MIN			7.48	18.2	5.58	0.01	0.03	2.10	79.0	48.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **FULLERTON AT FAIRBANKS**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/3/18	N	9:25 AM	7.60	15.4	9.75	0.03	0.03		0.37	70.0	54.0	0.57
6/13/18	N	2:15 PM	7.66	22.2	8.44	0.11	0.06	2.00	8.00	81.0	64.0	0.00
7/11/18	N	10:15 AM	7.52	21.4	6.41	0.18	0.04		0.55	87.0	67.0	0.00
8/20/18	N	9:30 AM	7.62	23.1	6.50	0.06	0.07	1.00	9.00	79.0	69.0	0.82
MAX			7.66	23.1	9.75	0.18	0.07	2.00	9.00	87.0	69.0	0.82
AVG.			7.60	20.5	7.78	0.10	0.05	1.50	4.48	79.3	63.5	0.35
MIN			7.52	15.4	6.41	0.03	0.03	1.00	0.37	70.0	54.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **FULLERTON @STEWART**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/3/18	N	2:05 PM	7.24	19.5	3.85	0.04	0.01	0.00	0.86	70.0	54.0	0.57
6/13/18	N	2:15 PM	7.66	22.2	8.44	0.11	0.06	2.00	8.00	81.0	64.0	0.00
7/12/18	N	10:10 AM	7.46	25.8	5.22	0.01	0.06	0.00	0.73	87.0	67.0	0.00
8/27/18	N	8:00 AM	7.69	25.1	3.89	0.08	0.09	0.00	2.00	93.0	78.0	0.00
MAX			7.69	25.8	8.44	0.11	0.09	2.00	8.00	93.0	78.0	0.57
AVG.			7.51	23.2	5.35	0.06	0.06	0.50	2.90	82.8	65.8	0.14
MIN			7.24	19.5	3.85	0.01	0.01	0.00	0.73	70.0	54.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **HAMPTON**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/3/18	N	3:15 PM	7.32	21.6	5.73	0.07	0.11		6.50	70.0	54.0	0.57
6/12/18	N	2:50 PM	7.35	22.8	3.47	0.06	0.01	0.00	0.90	80.0	62.0	0.00
7/9/18	N	9:55 AM	7.73	25.7	3.74	0.02	0.07	0.00	8.20	91.0	66.0	0.00
8/20/18	N	10:25 AM	7.85	25.3	5.50	0.18	0.18	0.00	0.80	79.0	69.0	0.82
MAX			7.85	25.7	5.73	0.18	0.18	0.00	8.20	91.0	69.0	0.82
AVG.			7.56	23.9	4.61	0.08	0.09	0.00	4.10	80.0	62.8	0.82
MIN			7.32	21.6	3.47	0.02	0.01	0.00	0.80	70.0	54.0	0.82

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **LAKE MANOR POND**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	NH3 (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/14/18	N	2:30 PM	7.16	16.9	4.94	0.15	0.01		0.47	0.13	83.0	53.0	1.54
6/18/18	N	2:55 PM	7.55	24.6	5.20	0.11	0.10	0.00	5.10	0.20	95.0	66.0	0.36
7/12/18	N	10:20 AM	7.52	24.7	4.25	0.01	0.01		0.88	0.03	87.0	67.0	0.00
8/8/18	N	2:00 PM	7.11	21.9	5.40	0.08	0.09		4.80	0.01	85.0	69.0	0.00
MAX			7.55	24.7	5.40	0.15	0.10	0.00	5.10	0.20	95.0	69.0	1.54
AVG.			7.34	22.0	4.95	0.09	0.05	0.00	2.81	0.09	87.5	63.8	0.48
MIN			7.11	16.9	4.25	0.01	0.01	0.00	0.47	0.01	83.0	53.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

7/12/18 Pond 98 % Algae Photos were taken on S:Drive Small amount of oil sheen
8/8/18 Pond still was 98 % covered by algae.

LOCATION: **MYRIC AVE. PUMP STATION**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	CHROME (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/9/18	NF	10:20 AM									81.0	57.0	0.25
6/4/18	NF	2:35 PM									80.0	55.0	0.00
7/9/18	NF	2:40 PM									91.0	66.0	0.00
8/9/18	NF	11:00 AM									89.0	69.0	0.00
MAX											91.0	69.0	0.25
AVG.											85.3	61.8	0.06
MIN											80.0	55.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **OPUS POND EFFLUENT**

	PHYS.			TEMP	DIS. OXY.	COPPER	ZINC	NITRATE	PHOS	NH3	Last 24 hrs	Last 24 hrs	Last 24 hrs
DATE	COND.*	TIME	pH	(C^o)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	HIGH TEMP.	LOW TEMP.	PRECIP.
5/15/18	UW	8:15 AM	7.31	17.4	6.49	0.07	0.01	0.00	2.55	0.036	71.0	51.0	0.00
6/12/18	N	1:50 PM	8.05	23.8	8.56	0.05	0.12	0.00	1.22		80.0	62.0	0.00
7/9/18	N	9:30 AM	8.14	25.9	5.30	0.07	0.17	0.00	3.80		91.0	66.0	0.00
8/8/18	UW	2:30 PM	8.17	28.3	7.91	0.05	0.06		0.52		85.0	69.0	0.00
MAX			8.17	28.3	8.56	0.07	0.17	0.00	3.80	0.036	91.0	69.0	0.00
AVG.			7.92	23.9	7.07	0.06	0.09	0.00	2.02	0.036	81.8	62.0	0.00
MIN			7.31	17.4	5.30	0.05	0.01	0.00	0.52	0.036	71.0	51.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored UW-Pipe is Underwater

5-15-18 Sample of Pond was tested
6-12-18 Sample of Pond Green Color Blue Green Algae present
7-9-18 Sample of Pond 96% algae
8/8/18 Sample of pond 60% algae

LOCATION: **REPUBLIC CURVE**

DATE	PHYS. COND.*	TIME	pH	TEMP (C^o)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	PHOS (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/14/18	N	2:00 PM	7.37	18.5	6.34	0.03	0.04	0.87	83.0	53.0	1.54
6/18/18	N	9:00 AM	7.48	22.1	5.55	0.23	0.10	7.60	95.0	66.0	0.36
7/11/18	C	8:55 AM	6.76	20.7	3.54	1.22	0.10	0.19	87.0	67.0	0.00
8/8/18	N	8:30 AM	7.44	22.0	5.53	0.12	0.21	0.67	85.0	69.0	0.00
MAX			7.48	22.1	6.34	1.22	0.21	7.60	95.0	69.0	1.54
AVG.			7.26	20.8	5.24	0.40	0.11	2.33	87.5	63.8	0.48
MIN			6.76	18.5	3.54	0.03	0.04	0.19	83.0	53.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

7/11/2018 Copper was 1.22 there was no pink color (just cloudy)

LOCATION: **STEWART POND EFFLUENT**

	PHYS.			TEMP	DIS. OXY.	COPPER	ZINC	NH3	PHOS	Last 24 hrs	Last 24 hrs	Last 24 hrs
DATE	COND.*	TIME	pH	(C^o)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	HIGH TEMP.	LOW TEMP.	PRECIP.
5/3/18	N	10:45 AM	7.54	20.3	5.09	0.06	0.11		1.24	70.0	54.0	0.57
6/7/18	N	2:10 PM	7.63	20.1	5.31	0.02	0.01		3.90	81.0	60.0	0.00
7/11/18	N	9:15 AM	7.45	25.7	4.80	0.08	0.01		0.84	87.0	67.0	0.00
8/8/18	Fish Kill	9:40 AM	7.83	23.6	3.39	0.01	0.02	0.11		85.0	69.0	0.00
8/20/18	N	3:00 PM	7.93	25.9	8.31	0.07	0.13		0.79	79.0	69.0	0.82
MAX			7.93	25.9	8.31	0.08	0.13	0.11	3.90	87.0	69.0	0.82
AVG.			7.68	23.1	5.38	0.05	0.06	0.11	1.69	80.4	63.8	0.28
MIN			7.45	20.1	3.39	0.01	0.01	0.11	0.79	70.0	54.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

8/8/18 about 500 dead fish DO was 3.39 Sample handed over to the lab Dan Jones DuPage Forest Preserve notified

8/20/18 Numerous large fresh water clams and 4 Herons noted

LOCATION: **WESTWOOD @ LENORE**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NH3 (Mg/L)	PHOS (Mg/L)	Nitrates (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/3/18	N	10:15 AM	7.48	19.1	5.32	0.09	0.03	0.22	0.89	1.00	70.0	54.0	0.57
6/12/18	N	10:15 AM	7.73	20.4	5.81	0.07	0.01	0.03	2.10		80.0	62.0	0.00
7/10/18	N	3:05 PM	7.29	28.4	7.10	0.11	0.56	0.01	0.56		87.0	71.0	0.00
8/27/18	N	10:30 AM	7.90	20.9	9.22	0.18	0.12	0.01	1.85	0.00	93.0	78.0	0.00
MAX			7.90	28.4	9.22	0.18	0.56	0.22	2.10	1.00	93.0	78.0	0.57
AVG.			7.60	22.2	6.86	0.11	0.18	0.07	1.35	0.50	82.5	66.3	0.14
MIN			7.29	19.1	5.32	0.07	0.01	0.01	0.56	0.00	70.0	54.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

Zinc turned cloudy on 7-10-18 No black color 0.56 result

LOCATION: **WESTWOOD @ HOLTZ**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	NH3 (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/15/18	N	9:00 AM	7.40	18.5	6.32	0.14	0.01	2.00	0.76	0.06	71.0	51.0	0.00
6/12/18	N	11:50 AM	7.93	20.8	6.49	0.12	0.01	1.50	7.00	0.17	80.0	62.0	0.00
7/12/18	N	9:10 AM	7.56	22.4	5.41	0.14	0.12	2.00	0.60	0.03	87.0	67.0	0.00
8/27/18	N	8:40 AM	7.83	24.6	6.40	0.19	0.27	0.00	2.30	0.01	93.0	78.0	0.00
MAX			7.93	24.6	6.49	0.19	0.27	2.00	7.00	0.17	93.0	78.0	0.00
AVG.			7.68	21.6	6.16	0.15	0.10	1.38	2.67	0.07	82.8	64.5	0.00
MIN			7.40	18.5	5.41	0.12	0.01	0.00	0.60	0.01	71.0	51.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

LOCATION: **PUMP & DAM**

DATE	PHYS. COND.*	TIME	pH	TEMP (C°)	DIS. OXY. (Mg/L)	COPPER (Mg/L)	ZINC (Mg/L)	NITRATE (Mg/L)	PHOS (Mg/L)	CHROME (Mg/L)	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
5/9/18	NF	10:00 AM									81.0	57.0	0.25
6/12/18	NF	1:30 PM									80.0	62.0	0.00
7/9/18	NF	3:00 PM									91.0	66.0	0.00
8/8/18	NF	1:30 PM									85.0	69.0	0.00
MAX											91.0	69.0	0.25
AVG.											84.3	63.5	0.06
MIN											80.0	57.0	0.00

* N-Normal NF- No Flow S-Sheen F-Foam C-Colored

Lab Streams Daily 3/1/2018 - 2/28/2019	NTP UPSTREAM CBOD MG/L	NTP UPSTREAM Diss Oxygen MG/L	NTP UPSTREAM Fecal Coliform MPN/100ML	NTP UPSTREAM Fluoride MG/L	NTP UPSTREAM FOGS Total MG/L	NTP UPSTREAM Hardness MG/L	NTP UPSTREAM Ammonia MG/L	NTP UPSTREAM pH SU
3/8/2018	2.24	11.48	1,700.0		<1.0	284.0	0.13	7.44
4/12/2018	2.83	9.21	1,300.0	0.45	<1.0	326.0	0.09	7.40
5/1/2018	6.66	7.51	>2,419.6		2.3	202.0	0.77	7.79
6/7/2018	2.96	7.90	191.8		1.3	244.0	0.23	7.43
7/26/2018	3.87	6.78	626.0	0.59	1.0	240.0	0.14	7.03
8/9/2018	5.35	7.72	>4,839.2		<1.0	222.0	0.05	7.14
9/6/2018	2.53	7.99	1,373.4		7.0	184.0	0.06	6.96
10/9/2018	3.96	8.81	736.8	0.24	1.2	174.0	<0.03	6.83
11/8/2018	2.16	9.95	LE		4.6	234.0	0.09	7.03
12/6/2018	2.86	11.92	1,194.8		25.9	228.0	0.09	7.45
2/21/2019	2.53	11.78	>2,491.6		2.3	352.0	0.06	7.66
Sum	37.95	101.05	>16,873.2	1.27	<48.6	2,690.0	<1.73	80.16
Avg	3.45	9.19	>1,250.6	0.42	<4.4	244.5	<0.16	7.29
Max	6.66	11.92	>4,839.2	0.59	25.9	352.0	0.77	7.79
Min	2.16	6.78	191.8	0.24	<1.0	174.0	<0.03	6.83

Lab Streams Daily 3/1/2018 - 2/28/2019	NTP UPSTREAM Phosphorus Total MG/L	NTP UPSTREAM Water Temp F DEG F	NTP UPSTREAM Solids TSS MG/L	NTP UPSTREAM Barium MG/L	NTP UPSTREAM Berylium MG/L	NTP UPSTREAM Cadmium MG/L	NTP UPSTREAM Chromium (total) MG/L	NTP UPSTREAM Copper MG/L
3/8/2018	0.49	40.46	7.6	0.037	<0.005	<0.001	<0.006	0.008
4/12/2018	1.07	50.54	7.0	0.039	<0.005	0.001	0.026	<0.005
5/1/2018	0.41	63.32	37.2	0.036	<0.005	<0.001	0.005	0.008
6/7/2018	0.64	68.72	20.8	0.030	<0.005	<0.001	0.012	0.004
7/26/2018	1.96	73.80	14.4	0.022	<0.005	<0.001	0.016	0.004
8/9/2018	0.53	74.80	16.0	0.025	<0.005	<0.001	0.009	<0.005
9/6/2018	0.22	74.84	14.8	0.022	<0.005	<0.001	0.011	<0.005
10/9/2018	0.43	65.50	27.6	0.024	<0.005	<0.001	<0.006	<0.005
11/8/2018	0.74	47.12	12.4	0.026	<0.005	<0.001	0.022	<0.005
12/6/2018	0.23	37.40	14.4	0.026	<0.005	<0.001	<0.006	<0.005
2/21/2019	0.66	37.58	7.6	0.043	<0.005	<0.001	0.007	0.007
Sum	7.38	634.08	179.8	0.330	<0.055	<0.011	<0.126	<0.061
Avg	0.67	57.64	16.3	0.030	<0.005	<0.001	<0.011	<0.006
Max	1.96	74.84	37.2	0.043	<0.005	0.001	0.026	0.008
Min	0.22	37.40	7.0	0.022	<0.005	<0.001	0.005	0.004

Lab Streams Daily 3/1/2018 - 2/28/2019	NTP UPSTREAM Iron MG/L	NTP UPSTREAM Lead MG/L	NTP UPSTREAM Manganese MG/L	NTP UPSTREAM Molybdenum UG/L	NTP UPSTREAM Nickel MG/L	NTP UPSTREAM Silver MG/L	NTP UPSTREAM Zinc MG/L
3/8/2018	0.390	0.023	0.040	<0.020	<0.014	0.0040	0.018
4/12/2018	0.465	<0.018	0.050	<0.020	0.005	<0.0030	0.038
5/1/2018	0.971	<0.018	0.059	0.011	0.004	0.0040	0.021
6/7/2018	0.797	<0.018	0.044	0.013	0.004	0.0130	0.010
7/26/2018	0.438	0.015	0.030	0.012	<0.004	0.0030	0.015
8/9/2018	0.498	<0.018	0.047	0.005	<0.004	<0.0030	0.022
9/6/2018	0.547	<0.018	0.029	<0.020	<0.004	<0.0030	<0.012
10/9/2018	0.792	0.020	0.026	<0.020	0.004	0.0060	0.012
11/8/2018	0.511	<0.018	0.022	0.008	0.003	0.0060	0.007
12/6/2018	0.532	<0.018	0.019	<0.020	<0.004	<0.0030	0.011
2/21/2019	0.313	0.031	0.054	0.017	0.006	<0.0030	0.014
Sum	6.254	<0.215	0.420	<0.166	<0.056	<0.0510	<0.180
Avg	0.569	<0.020	0.038	<0.015	<0.005	<0.0046	<0.016
Max	0.971	0.031	0.059	<0.020	<0.014	0.0130	0.038
Min	0.313	0.015	0.019	0.005	0.003	<0.0030	0.007

Lab Streams Daily 3/1/2018 - 2/28/2019	NTP UPSTREAM Alkalinity MG/L	NTP UPSTREAM Chloride MG/L	NTP UPSTREAM Total Nitrogen MG/L	NTP UPSTREAM Mercury MG/L	NTP UPSTREAM Aroclor 1016 ug/L	NTP UPSTREAM Aroclor 1221 ug/L
3/8/2018	230.0	131.0				
4/12/2018	180.0	342.5				
5/1/2018	170.0	350.0				
6/7/2018	200.0	355.0				
7/26/2018	135.0	362.5				
8/9/2018	150.0	170.0				
9/6/2018	150.0	177.5				
10/9/2018	135.0	127.5	3.60	<0.0005	<0.5000	<0.5000
11/8/2018	180.0	145.0				
12/6/2018	175.0	217.5				
2/21/2019	210.0					
Sum	1,915.0	2,378.5	3.60	<0.0005	<0.5000	<0.5000
Avg	174.1	237.9	3.60	<0.0005	<0.5000	<0.5000
Max	230.0	362.5	3.60	<0.0005	<0.5000	<0.5000
Min	135.0	127.5	3.60	<0.0005	<0.5000	<0.5000

Lab Streams Daily 3/1/2018 - 2/28/2019	NTP UPSTREAM Aroclor 1232 ug/L	NTP UPSTREAM Aroclor 1242 ug/L	NTP UPSTREAM Aroclor 1248 ug/L	NTP UPSTREAM Aroclor 1254 ug/L	NTP UPSTREAM Aroclor 1260 ug/L	NTP UPSTREAM DDT ug/L
3/8/2018						
4/12/2018						
5/1/2018						
6/7/2018						
7/26/2018						
8/9/2018						
9/6/2018						
10/9/2018	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.100
11/8/2018						
12/6/2018						
2/21/2019						
Sum	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.100
Avg	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.100
Max	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.100
Min	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.100

Lab Streams Daily 3/1/2018 - 2/28/2019	NTP UPSTREAM Heptachlor ug/L	AJL UPSTREAM CBOD MG/L	AJL UPSTREAM Diss Oxygen MG/L	AJL UPSTREAM Fecal Coliform MPN/100ML	AJL UPSTREAM Fluoride MG/L	AJL UPSTREAM FOGS Total MG/L	AJL UPSTREAM Hardness MG/L	AJL UPSTREAM Ammonia MG/L
3/8/2018		2.3	11.69	1,100.0		<1.0	312.0	0.13
4/12/2018		2.4	9.36	3,200.0	0.46	<1.0	328.0	0.09
5/1/2018		5.3	7.58	2,419.6		2.3	202.0	0.77
6/7/2018		2.1	7.56	244.6		<1.0	262.0	0.20
7/26/2018		3.2	5.89	275.2	0.57	<1.0	244.0	0.09
8/9/2018		4.3	6.65	>4,839.2		1.2	216.0	0.08
9/6/2018		<2.0	7.69	476.4		2.4	164.0	0.08
10/9/2018	<0.05000	3.8	8.83	518.4	0.24	1.0	170.0	0.05
11/8/2018		<2.0	10.24	LE		4.1	222.0	0.10
12/6/2018		<2.0	12.32	898.8		51.3	224.0	0.06
2/21/2019		2.6	11.81	>2,491.6		2.3	352.0	0.07
Sum	<0.05000	<32.1	99.62	>16,463.8	1.27	<68.6	2,696.0	1.71
Avg	<0.05000	<2.9	9.06	>1,043.7	0.42	<6.2	245.1	0.16
Max	<0.05000	5.3	12.32	>4,839.2	0.57	51.3	352.0	0.77
Min	<0.05000	<2.0	5.89	244.6	0.24	<1.0	164.0	0.05

Lab Streams Daily 3/1/2018 - 2/28/2019	AJL UPSTREAM pH SU	AJL UPSTREAM Phosphorus Total MG/L	AJL UPSTREAM Water Temp F DEG F	AJL UPSTREAM Solids TSS MG/L	AJL UPSTREAM Barium MG/L	AJL UPSTREAM Berylium MG/L	AJL UPSTREAM Cadmium MG/L	AJL UPSTREAM Chromium (total) MG/L
3/8/2018	7.69	0.51	39.38	9.2	0.037	<0.005	0.001	<0.006
4/12/2018	7.91	1.06	51.80	10.0	0.037	<0.005	0.001	0.022
5/1/2018	7.79	0.41	63.50	61.6	0.033	<0.005	0.001	0.007
6/7/2018	7.82	0.72	68.54	31.2	0.071	<0.005	<0.001	<0.006
7/26/2018	7.32	1.90	75.00	4.4	0.020	<0.005	<0.001	<0.006
8/9/2018	7.33	0.45	752.00	34.8	0.029	<0.005	<0.001	0.019
9/6/2018	6.98	0.26	75.20	20.0	0.025	<0.005	<0.001	<0.006
10/9/2018	6.98	0.43	65.80	26.0	0.024	<0.005	<0.001	0.014
11/8/2018	7.18	0.52	46.22	12.8	0.026	<0.005	<0.001	0.015
12/6/2018	7.47	0.16	36.86	18.0	0.027	<0.005	<0.001	0.008
2/21/2019	7.79	0.64	37.94	16.0	0.045	<0.005	<0.001	0.009
Sum	82.26	7.06	1,312.24	244.0	0.374	<0.055	<0.011	<0.118
Avg	7.48	0.64	119.29	22.2	0.034	<0.005	<0.001	<0.011
Max	7.91	1.90	752.00	61.6	0.071	<0.005	0.001	0.022
Min	6.98	0.16	36.86	4.4	0.020	<0.005	<0.001	<0.006

Lab Streams Daily 3/1/2018 - 2/28/2019	AJL UPSTREAM Copper MG/L	AJL UPSTREAM Iron MG/L	AJL UPSTREAM Lead MG/L	AJL UPSTREAM Manganese MG/L	AJL UPSTREAM Molybdenum UG/L	AJL UPSTREAM Nickel MG/L	AJL UPSTREAM Silver MG/L	AJL UPSTREAM Zinc MG/L
3/8/2018	0.005	0.475	0.017	0.040	02	<0.014	<0.0030	0.016
4/12/2018	<0.005	0.458	<0.018	0.045	<0.0	0.006	<0.0030	0.028
5/1/2018	0.008	1.460	<0.018	0.066	0.0	<0.004	0.0100	0.022
6/7/2018	0.006	0.989	<0.018	0.045	<0.0	0.004	0.0060	0.021
7/26/2018	0.006	0.184	0.015	0.021	<0.0	<0.004	0.0080	0.011
8/9/2018	<0.005	1.038	<0.018	0.058	0.0	<0.004	0.0030	0.027
9/6/2018	<0.005	0.669	0.018	0.030	<0.0	0.004	0.0030	0.012
10/9/2018	<0.005	0.039	<0.018	<0.010	<0.0	<0.004	0.0060	0.010
11/8/2018	<0.005	0.526	<0.018	0.022	0.0	0.003	<0.0030	0.008
12/6/2018	<0.005	0.647	<0.018	0.019	<0.0	<0.004	<0.0030	0.010
2/21/2019	0.017	0.377	0.029	0.051	0.0	0.006	<0.0030	0.016
Sum	<0.072	6.862	<0.205	<0.407	<0.2	<0.057	<0.0510	0.181
Avg	<0.007	0.624	<0.019	<0.037	<0.0	<0.005	<0.0046	0.016
Max	0.017	1.460	0.029	0.066	<0.0	<0.014	0.0100	0.028
Min	<0.005	0.039	0.015	<0.010	0.0	0.003	<0.0030	0.008

Lab Streams Daily 3/1/2018 - 2/28/2019	AJL UPSTREAM Alkalinity MG/L	AJL UPSTREAM Chloride MG/L	AJL UPSTREAM Total Nitrogen MG/L	AJL UPSTREAM Mercury MG/L	AJL UPSTREAM Aroclor 1016 MG/L	AJL UPSTREAM Aroclor 1221 MG/L
3/8/2018	195.0	146.0				
4/12/2018	185.0	372.5				
5/1/2018	175.0	340.0				
6/7/2018	190.0	340.0				
7/26/2018	377.5	130.0				
8/9/2018	175.0	175.0				
9/6/2018	185.0	185.0				
10/9/2018	200.0	92.5	3.86	<0.0005	<0.50000	<0.5000
11/8/2018	175.0	135.0				
12/6/2018	175.0	222.5				
2/21/2019	240.0					
Sum	2,272.5	2,138.5	3.86	<0.0005	<0.50000	<0.5000
Avg	206.6	213.9	3.86	<0.0005	<0.50000	<0.5000
Max	377.5	372.5	3.86	<0.0005	<0.50000	<0.5000
Min	175.0	92.5	3.86	<0.0005	<0.50000	<0.5000

Lab Streams Daily 3/1/2018 - 2/28/2019	AJL UPSTREAM Aroclor 1232 MG/L	AJL UPSTREAM Aroclor 1242 MG/L	AJL UPSTREAM Aroclor 1248 MG/L	AJL UPSTREAM Aroclor 1254 MG/L	AJL UPSTREAM Aroclor 1260 MG/L	AJL UPSTREAM DDT MG/L
3/8/2018						
4/12/2018						
5/1/2018						
6/7/2018						
7/26/2018						
8/9/2018						
9/6/2018						
10/9/2018	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.1000
11/8/2018						
12/6/2018						
2/21/2019						
Sum	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.1000
Avg	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.1000
Max	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.1000
Min	<0.5000	<0.5000	<0.5000	<0.5000	<0.5000	<0.1000

Lab Streams Daily 3/1/2018 - 2/28/2019	AJL UPSTREAM Heptachlor MG/L	AJL DOWNSTREAM CBOD MG/L	AJL DOWNSTREAM Diss Oxygen MG/L	AJL DOWNSTREAM Fecal Coliform MPN/100ML	AJL DOWNSTREAM Fluoride MG/L	AJL DOWNSTREAM FOGS Total MG/L	AJL DOWNSTREAM Hardness MG/L
3/8/2018		2.4	11.64	2,000.0		<1.0	298.0
4/12/2018		2.3	9.48	2,300.0	0.57	<1.0	310.0
5/1/2018		4.6	7.71	2419.6		2.6	198.0
6/7/2018		1.8	7.53	428.4		1.5	252.0
7/26/2018		2.1	5.97	209.2	0.61	1.8	246.0
8/9/2018		4.7	6.59	>4,839.2		1.3	206.0
9/6/2018		<2.0	7.35	1,841.6		<1.0	152.0
10/9/2018	<0.05000	<2.0	8.84	556.4	0.22	1.7	166.0
11/8/2018		<2.0	10.02	LE		5.2	234.0
12/6/2018		<2.0	12.10	995.6		<1.0	228.0
2/21/2019		2.8	11.75	>2,491.6		1.3	350.0
Sum	<0.05000	<28.8	98.98	>15,662.0	1.40	<19.4	2,640.0
Avg	<0.05000	<2.6	9.00	>1,197.7	0.47	<1.8	240.0
Max	<0.05000	4.7	12.10	>4,839.2	0.61	5.2	350.0
Min	<0.05000	1.8	5.97	209.2	0.22	<1.0	152.0

MARCH 2018 – MARCH 2019

ANNUAL INSPECTION REPORT

VILLAGE OF BARTLETT – DUPAGE COUNTY NPDES PERMIT

- The Village of Bartlett participates in numerous training opportunities with DuPage County Highway, DuPage County Stormwater, APWA and IRMA. The Village also runs in-house training for all new employees and periodic and seasonal sessions for regular employees with regard to salt and chemical use.

- In 2018, the Village sent several employees to the Pollution Prevention Seminar on 5/10/18 and the Green Infrastructure Seminar on 12/13/18. This is a regular practice for Bartlett as we continue to keep all staff current with regulations and new BMP technologies.

- Village facilities, including Public Works/Water/Wastewater are monitored on a regular basis by the PW Director, Village Engineer and PW Staff. BMP/PCBMP and full sediment and erosion control measures are required for all public and private projects.

2018 Salt Summary

Snow Events	18
Ice Events	3
Salt Used	2400 tons
Salt Used	114 tons/event

2018 Sweeping and Maintenance Summary

Two Sweepers, Pelican and Crosswind

4,262 miles swept

242 Storm Inlets cleaned and repaired

9,080 LF Storm Sewer jetted and repaired

SOIL AND EROSION CONTROL INSPECTION 2018			
Project name	Project address	Duration of the project	Site inspections
Bartlett Ridge	Naperville Rd	from 1/22 to 12/20	46 inspections
Artis Senior Living	1035 S Rt 59	from 1/22 to 10/2	21 inspections
550 Rana USA	Brewster Creek Business Park	from 1/20 to 12/20	46 inspections
1322 Turfway Ln.	BRAVO POINTE SUB	from 4/17 to 5/18	3 inspections
Lot 12 A-F Grading	Brewster Creek Business Park	from 3/17 to 12/12	2 inspections
802 E. Devon Ave	Existing Building	from 1/17 to 12/17	34 inspections
Grading on cor. Of Stearns and Newport	Stearn & Newport	from 3/5 to 6/17	2 inspections
Bartlett Gallery	Army Trail Rd	from 11/14 to 12/20	4 inspections
		total	158 inspections

Village of Bartlett

Drainage Inspection Report – Public Properties

Date: ____/____/_____ Inspector: _____

Type of Inspection: ❑Semi-annual ❑Monthly Choke Point ❑Post-storm ❑Complaint

I have inspected the following surface drainage facilities and found them as noted. The numbers and letters refer to locations on the Village's drainage system map. A Complaint/Inquiry Form has been completed for all problems found on Village property. A notification letter has been sent to the owners of private property where problems were found.

Koehler Field Pond	❑ No Problem	❑ Problem Found
Bartlett Point Pond	❑ No Problem	❑ Problem Found
Timberline Pond Restrictors (x2)	❑ No Problem	❑ Problem Found
712 Hackberry Pond	❑ No Problem	❑ Problem Found
Spaulding Pond – W. of Naperville	❑ No Problem	❑ Problem Found
Spaulding Pond – E. of Naperville	❑ No Problem	❑ Problem Found
Naperville Rd. Under Road/Field	❑ No Problem	❑ Problem Found
Persimmon Ct. – Kjar Park	❑ No Problem	❑ Problem Found
451 – 441 Ford Ln.	❑ No Problem	❑ Problem Found
Lakewood Mills Pond	❑ No Problem	❑ Problem Found
Bartlett Victory Center Head Wall	❑ No Problem	❑ Problem Found
Park Place Pond	❑ No Problem	❑ Problem Found
788 Bayberry Restrictor	❑ No Problem	❑ Problem Found
Taylor Ave. Grate	❑ No Problem	❑ Problem Found
Devon Ave. Small Pond Grate	❑ No Problem	❑ Problem Found
Hillcrest Pond	❑ No Problem	❑ Problem Found
500 Litchfield Pond	❑ No Problem	❑ Problem Found
Amherst Creek	❑ No Problem	❑ Problem Found
Wilcox Creek	❑ No Problem	❑ Problem Found
Wilcox Ct. Grate	❑ No Problem	❑ Problem Found

Lido Ter. Restrictor	❑ No Problem	❑ Problem Found
Coral Ave. Ponds	❑ No Problem	❑ Problem Found
Beaver Pond Grate	❑ No Problem	❑ Problem Found
Francine Creek	❑ No Problem	❑ Problem Found
963 E. Castlewood Restrictor	❑ No Problem	❑ Problem Found
Foster Ave. Grate	❑ No Problem	❑ Problem Found
Windsor Dr. Ponds (x3)	❑ No Problem	❑ Problem Found
Trillium Pond	❑ No Problem	❑ Problem Found
Nicole Pond	❑ No Problem	❑ Problem Found
1476 Polo Grate	❑ No Problem	❑ Problem Found
Winchester Ct. Outflow Line	❑ No Problem	❑ Problem Found
Monroe Dr. Line Out to Franklin	❑ No Problem	❑ Problem Found
Silver Cir. Pond	❑ No Problem	❑ Problem Found
Grainger Restrictor	❑ No Problem	❑ Problem Found
Schick & Struckman Pond	❑ No Problem	❑ Problem Found
1453 Bannock Pond	❑ No Problem	❑ Problem Found
Hawk Hollow Pond	❑ No Problem	❑ Problem Found
Penny Rd. Pond	❑ No Problem	❑ Problem Found

Village of Bartlett Public Works Department
Safety Incentive Program

- Each month, PW Employees are to attend the Safety Meetings held in the Training Room, unless excused for a specific reason. If an employee is present or has an excused absence, they will receive a "ticket" for that month's safety program.
- Every Quarter at the Safety Meeting, four (4) $25 gift cards will be raffled off to the attending employees.
    - Can obtain "tickets" by attending the three (3) Safety Meetings per quarter.
    - Going above and beyond to do a task safely and effectively with Supervisor recognition
    - Having a smart and effective Safety suggestion that improves the safety of all employees for the Public Works Department
    - An employee may win only once per safety meeting
- Snacks or a lunch shall be provided at the quarterly Safety meeting
- At the end of the Fiscal Year, Any PW employee with no safety violations and perfect attendance (excused absences don't count against employee) they will be in the running for a larger prize of $100
- Months/Times of Quarterly Raffle and Lunch:
    - May: Potentially during Public Works Week
    - August
    - November or during Holiday Party
    - February
- Included with the Quarterly Meeting, shall be a report of safety incidence from the past three months and any reported close calls

Village of Bartlett

Public Works Department

Vehicle Inspection Policy

Adopted: 5/1/2019
Revised:

Purpose

The Village of Bartlett Public Works Department utilizes a number of vehicles daily to carry out the duties and tasks for the services provided. These vehicles must be kept in good condition and maintained properly in order to get the longest life possible out of each vehicle. The Vehicle Inspection Policy set forth herein is intended to assist in the maintenance and condition recording of vehicles in operation at the Public Works Department. This document may be amended and revised at any time in order to better suit the changing equipment and vehicle needs within the Public Works Department.

Vehicle Inspection Sheets

The Vehicle Inspection Sheets (see attached) shall be used to inspect all interior, exterior and mechanical conditions and to maintain a record of any issues that arise or persist in any particular vehicle that the Village operates. The exterior condition sheet/diagram will be used for all trucks and passenger cars in use for that day. In the event a specialized vehicle or piece of equipment is used that the vehicle inspection shall pertain to, any exterior issues shall be noted on the first page within the "Comments" section.

Vehicles/Equipment That Do Not Require Inspection Sheet

Although some equipment may be able to have passengers or a rider, this inspection sheet may not be applicable for the equipment. Vehicles/equipment that this sheet does not pertain to consists of the following:

- Lawn Mowers
- All-Terrain Vehicles (ATVs), UTVs, Gators, etc.
- Powered-Industrial Trucks (Forklifts)

All equipment listed above shall follow the checklist for inspection in the *Village of Bartlett Powered Industrial Truck Program.*

Specialized Equipment

Some equipment, such as the loaders, backhoe(s) and Vactor Truck shall require the use of the Vehicle Inspection sheet, however, they may have specialized additions to their inspections that shall be included in the Standard Operating Procedures and trainings on that specific equipment.

Performing the Vehicle Inspection: Utilizing the Sheets

Daily Inspection

The Vehicle Inspection shall be performed before any vehicle is taken that day. The employee conducting the inspection must begin by writing the Vehicle or Equipment

Number, the date at which it was inspected and who inspected it, both printed and signed. The Pre-Trip Inspection sheet only needs to be filled out at the beginning of the workday when the vehicle is initially taken out. The Inspection Sheet must stay in the vehicle the entire day.

If the vehicle is returned and a new employee begins to utilize it, they do not need to fill out a new Pre-Trip Inspection sheet, but the employee must review the sheet, and if there are no changes to what was initially filled out, that employee must then initial near the "Inspected By" line, next to the original employee's name that conducted the initial inspection.

Mileage/Hours
At the beginning of the workday, the employee must fill out the mileage that is on the odometer before it is taken out on the "Begin" Line. After the vehicle is returned for the day, the final mileage for that day must be recorded on the "End" Line.

Safety and Service
Employees must check if the Safety Lane is up to date (if applicable). If Safety Lane is not up to date and required, the vehicle must not be taken out until a Safety Lane Inspection is completed. Mark if a Service Tag is present and if it is due for any certain service. If a service is due, the employee must inform their Supervisor and take to the appropriate location (See Reporting Issues below for more detail).

Fluids
All fluids listed on the Inspection Sheet must be checked prior to vehicle use and marked whether they are full or low. If Engine Oil, Transmission or Hydraulic Fluids are low, report to your Supervisor and to the mechanic for remediation. Use best judgement on utilizing vehicles with lower than full fluids. The other fluids listed may be filled appropriately by the employee inspecting the vehicle.

Lights Working
Some Village Vehicles have many different types of lights equipped for different reasons. It is important to check that all lights equipped are in working order. If a light is not equipped, then that area may be skipped. If a light is not working, mark it on the sheet and replace the bulb. If you are unable to replace the bulb, please inform your Supervisor or Senior.

General Items
Ensure these items listed are in working order. Write "Y" or "N" if the item is good or not. If it is marked "N" for wipers or solvent, replace at the most convenient time. If it is marked "N" for tires, mirrors, windows or windshield, inform your Supervisor or Senior to get the item repaired or replaced.

Exterior Condition
Exterior Condition is to be filled out more thoroughly on the back (attached) for all passenger vehicles and trucks. For special equipment utilizing the Inspection Sheet. The front "Exterior Condition" list and "Comments" section should be filled out. For further detail on the exterior condition report for passenger vehicles and trucks, see the Exterior Condition Diagram Reference below.

Interior Condition
Interior Condition must be filled out for all vehicles and equipment utilizing this form. If there is an issue that is noticed by an employee, inform your Supervisor or Senior if it is ongoing, including if it is uncommonly dirty, smells of cigarette smoke or kept unclean continuously. Vehicles must be kept in as clean and neat as condition as possible.

First Aid
Vehicles that are issued First Aid Kits shall be required to check if the First Aid items are in stock in the kit. These kits are not comprehensive, but will include, but may not be limited to:

- Bandages
- First Aid Cream
- Antibiotic Ointment
- Instant Cold Pack
- Tape
- Latex Gloves

If an item is out of stock and is needed to be refilled, notify your Supervisor or Senior and they may notify Administration or use some of the items from the larger First Aid Cabinets.

Comments/Explanations
If a minor issue is seen and can be addressed, the employee may remedy the issue and document it below. For larger or ongoing issues, comment below and send to the appropriate individual required.

Exterior Condition Vehicle Diagram Sheet
The reverse side of the Pre-Trip Vehicle Inspection Sheet is a colored and numbered diagram of a truck. If the passenger vehicle filling out the form is not a truck, fill out all applicable vehicle parts and leave the Bed (number 13) blank, all other spots should be filled in though. Some items will be covered more than once by both sheets. If "O" for "Other" is marked on any spot, explain the defect on the front "Comments" section.

Similar to the front of the sheet, the top corner must be filled out with all applicable information.

Using the key indicated on the sheet, write the corresponding symbol that best fits the condition of that exterior area. The Drivers side represents the left side and the passenger's side represents the right. The numbers represent the following areas:

1. Left Front Panel
2. Driver Side Doors (Driver and Passenger)
3. Left Rear Panel
4. Right Front Panel
5. Passenger Side Doors (Front and Rear)
6. Right Rear Panel
7. Driver Side Front Tire
8. Driver Side Rear Tire
9. Passenger Side Front Tire
10. Passenger Side Rear Tire
11. Tailgate/Rear Hatch (for non-trucks) & Bumper
12. Rear Windshield
13. Bed
14. Front Windshield
15. Hood
16. Grille
17. Front Bumper
18. Headlights
19. Taillights
20. Mirrors

Finishing Inspection

At the end of the workday, or when the vehicles is last used. The Vehicle Inspection Sheet must be handed into the Senior or Supervisor responsible for collecting the Division's Vehicle Inspection Sheets. These sheets must be scanned in at least once a month and placed into the corresponding folder.

Reporting Issues

If an employee conducting a vehicle inspection finds a minor issue, they are to remedy that issue and document what was done on the "Comments". For larger issues, the employee must document the issue then notify the Senior or Supervisor in charge of collecting the Vehicle Inspection sheets.

For the Streets Division, the Senior shall provide the in-house mechanic the Inspection Sheet, and at that time, the mechanic will repair the issue and document on the "Comments". The mechanic will then return the sheet to the Senior that handed it to him for scanning and filing. Further issues that require more advanced equipment must be documented and sent out for repair.

For other Divisions, the Senior in charge may choose to utilize the in-house mechanic or the repair shop commonly used for issues. These repairs must be documented on the Inspection Sheets.

Bartlett Public Works
Pre-Trip Vehicle / Equipment Inspection

Veh / Equip # _____ Inspected By: _____

Date: _____ Signature: _____

		Yes	No	N/A
Mileage / Hours	Safety Lane Up To Date:			
Begin _____	Is Service Tag present?			
End _____	Due for Service?			

Fluids	Fuel	Def	Engine Oil	Trans Fluid	Hydraulic Fluid	Power Steering	Brake Fluid
Full							
Low *							

If Engine, trans or Hydraulic fluids are low, fill and report to mechanic

Lights	Head Lights	Plow Lights	Turn Signals	Brake Lights	Back Up Lights	Back-Up Alarm	Strobe Lights
Work Y/N							

General	Tire	Mirrors	Windows	Windshield	Wipers	Solvent	
Good Y/N							

Exterior Condition	(See Back)	**Good Y/N**
Clean		
Scratches		
Dents / Cracks		
Broken		
Other		

Interior Condition	**Good Y/N**
Clean	
Torn	
Dash Lights	
Switches	
2-Way Rad.	

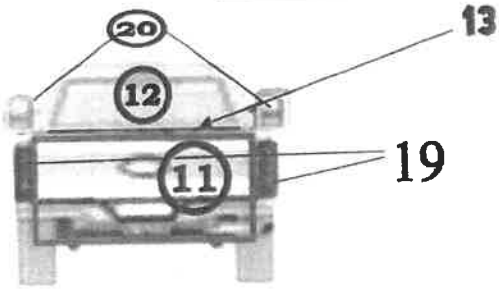
First Aid	**Good Y/N**
Full	
Items Out	
Items	
Needed	
(List if Nec.)	

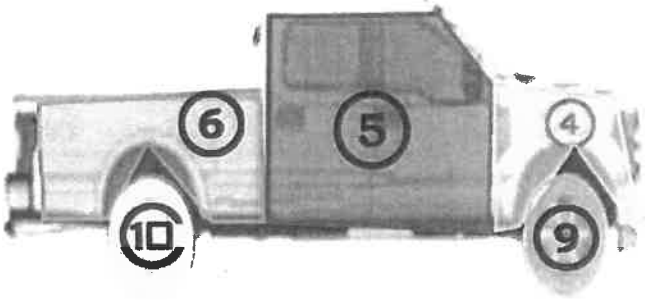
Minor issues are to be addressed by the operator prior to use.

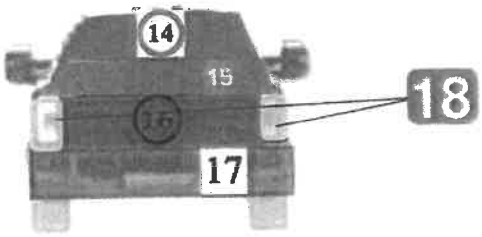
Major / Ongoing issues are to be reported to the mechanic

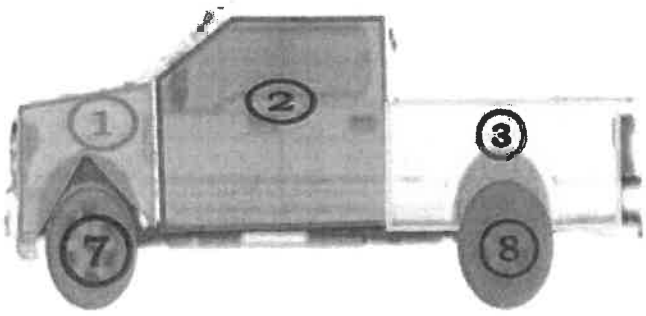
Comments / Explanations:

INSPECTED BY: _____
DATE: _____
VEHICLE #: _____
ODOMETER: _____
SAFETY STICKER EXP.: _____









Truck Issue	No Issue	Scratch	Dent	Rust	Crack	Broken	Replace	Other
Symbol	✓	S	D	R	C	B	RE	O

1	2	3	4	5	6	7	8	9	10	11	12	13 (Bed)	14	15	16	17	18	19	20

Number corresponds to specific designated area of truck

NOTICE OF PUBLIC MEETING

The DuPage County Stormwater Management Planning Committee will hold a public meeting as part of their regularly scheduled meeting on Tuesday, February 5, 2019 at 7:30 a.m. in the County Board Room at 421 North County Farm Road, Wheaton, Illinois to allow the public to provide input as to the adequacy of the DuPage County Water Quality Program. This meeting is being held pursuant to Illinois Environmental Protection Agency Permit No. ILR40 Part IV. Section B. 2. c. Comments will be limited to 3 minutes.

IEPA Permit No. ILR40 includes the following components:

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

The full DuPage County Stormwater Management Program Plan can be found at:
http://www.dupageco.org/EDP/Stormwater_Management/Water_Quality/54206/

Stormwater Management

- Stormwater Home
- Overview
- About Us
- Contact Information
- Drainage Program
- Floodplain Maps
- Natural Areas
- News & Press Releases
- E-Newsletter Signup
- Operations & Maintenance
- Publications
- Real Time Rain and Stream Gage Information
- Stormwater Regulatory Services
- Stormwater FAQs
- Useful Links
- Water Quality
- Watershed Management
- FOIA for Stormwater

Job Board More >>

- Civil Engineer
- Seasonal and Intern Employment Opportunities - Stormwater
- Project Engineer
- Water/Wastewater Maintenance Worker

Stormwater Management

A Message from the Chairman



Welcome to Stormwater Management's webpage. Since the inception of DuPage County Stormwater Management 27 years ago, the County has been at the forefront of regional stormwater planning. As Chairman of the Stormwater Management Planning Committee, I work with the County Board, municipalities and staff to ensure DuPage County is providing its residents with the highest quality stormwater management in the department's five program areas-Watershed Management, Floodplain Mapping, Water Quality, Regulatory Services and Flood Operations.

I encourage you to explore Stormwater Management's ongoing regional projects and initiatives, including information on how you can become involved in preserving and enhancing our waterways. Together, we can ensure DuPage County remains a top-tier community t live, work and raise a family. Thank you for taking the time to visit Stormwater Management's webpage, and I encourage you to read the 2018 Stormwater Management Annual Report to learn more.

Sincerely,
Jim Zay
Chairman, Stormwater Management Planning Committee

FEMA Preliminary Floodplain Data

The Federal Emergency Management Agency (FEMA) is expected to publish DuPage County's revised preliminary floodplain maps in mid-2019. During public review, FEMA and the Illinois State Water Survey resolved more than 120 comments and one appeal to the maps. As a result, some Fl Insurance Rate Map (FIRM) panels and the Flood Insurance Study (FIS) have been updated. To se how these resolutions are reflected on the FIRMs and in the FIS, visit http://www.illinoisfloodmaps.c /dfirm.aspx?county=dupage.

Stormwater Management

DuPage County Stormwater Management Opens Public Comment Period for Revised Countywide Stormwater Ordinance

4/2/2019 Wheaton, IL – The DuPage County Stormwater Management Planning Committee voted to open the public comment period for the revised DuPage County Countywide Stormwater and Floodplain Ordinance (Ordinance). Comments will be accepted through April 22.

Persons within DuPage County involved in development activities, stormwater permit submittals or permit review may be interested in reviewing the proposed changes and providing comment. The DuPage County Stormwater Management Planning Committee and County Board will review and consider all appropriate comments prior to adoption of the Ordinance revisions.

The Ordinance revisions are available online at https://www.dupageco.org /EDP/Stormwater_Management/Stormwater_Regulatory_Services/60379/. In addition, hard copies are available for review at Dupage County's JTK Administration Building (421 N. County Farm Rd., Wheaton) during normal business hours, 8 a.m. to 4:30 p.m.

Comments on the proposed changes must be submitted in writing by the close of business on April 22, 2019 to David Winklebleck, Sr. Project Engineer with DuPage County Stormwater Management, by mail to 421 North County Farm Road, Wheaton, IL 60187 or by email to david.winklebleck@dupageco.org.

Please contact David Winklebleck or Clayton Heffter, Stormwater Permitting Manager, at (630) 407-6673 with any questions.

Why is Storm Water a Concern?



Storm water runoff is rain water and snow melt that runs off the land and enters streams, rivers, and lakes, often flowing through a community's storm sewer system. Storm water runoff can contain toxic chemicals, oil and grease, pesticides, metals, and other contaminants that are a major source of water pollution and can potentially pose a threat to public health and the environment.

In order to continue improving the water quality of stormwater runoff and mitigate the harmful effects of pollution, the Environmental Protection Agency (EPA) has set regulations that require municipalities to obtain permits through the National Pollution Discharge Elimination System (NPDES) and prepare annual Facility Inspection Reports. The

Village of Bartlett must follow the EPA's storm water requirements for populations less than 100,000 classified as Storm Water Phase II.

Storm Water Phase II programs and the annual reports must address these topics:

- Public education and outreach
- Public participation/involvement
- Illicit discharge detection and elimination
- Construction Site Runoff Control
- Post-Construction Runoff Control
- Pollution Prevention/Good Housekeeping for Municipal Operations

More information about these program components is available on the NPDES section of the EPA's website.

See these annual reports:
2018 Annual Facility Report
2017 Annual Facility Report
2016 Annual Facility Report
2015 Annual Facility Report
2014 Annual Facility Report
2013 Annual Facility Report

Best Practices

The Village of Bartlett has partnered with DuPage County to provide a broad storm water management plan to further prevent storm water pollution. Please use the links below to access DuPage County Stormwater Management webpages and other resources aimed at keeping local waterways safe.

DuPage County Storm Water Management
Best Management Practices Brochure

Bartlett Storm Water Management Plan

IL EPA Annual Facility Report

Stormwater Resources

After the Storm - A Citizen's Guide to Understanding Stormwater
Citizen Monitoring - Illicit Discharge Detection
Car Wash Guidelines - Send Only Rain Down the Drain
Proper Pet Care - Managing Your Pet's Waste Safely
Sustainable Lawn Care Practices
DuPage County - Stormwater Brochures & Information

Rain Barrels



For DuPage and Kane County residents who want to help divert storm water from the sewer system and also want to save on their water bills, the Conservation Foundation is currently selling rain barrels. The rain barrels are available in different colors and can be picked-up or delivered. For information, visit www.theconservationfoundation.org/page.php?PageID=106.

For Cook County residents, Metropolitan Water Reclamation District (MWRD) is selling and delivering rain barrels. For information, visit https://www.mwrd.org/irj/portal/anonymous/rainbarrel.

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO



Home | Commissioners | Departments | Services & Facilities | Public Affairs | Media Center | Business with Us | Reports | Employment

- Overview
- Combined Sewer vs. Separated Sewer Areas
- **Rain Barrels**
- Report Odor, Water Pollution, Waterway Blockages, or Other Incidents
- Request Event or Photo Permit
- Household Hazardous Waste
- Unwanted Medicine
- Join Our Email List!

Public Affairs >> Public Action >> Rain Barrels

Rain Barrels

We save land. We save rivers.

• THE • CONSERVATION FOUNDATION

CONSERVATION@HOME

January 2019

Greetings!

Believe it or not, it's time to think about next spring and getting a **Rain Barrel Program** going in your community. Some communities have run a program in the past; for some this may be your first year.

We make it easy by offering a complete program in collaboration with our supplier, Upcycle Products, Inc. **We take the orders, handle the payment and get the barrels to the homeowners.**

An effective way to build enthusiasm for the rain barrel sales is to have us do an education program in your community. We explain the benefits of using untreated water and keeping rain water where it falls. We are available to answer questions and help with installation problems. **If you have a MS4 permit, this education program counts towards meeting your education and outreach requirements to provide information about green infrastructure strategies.**

We have found that it works well when municipalities have a distribution day when homeowners come and pick up their barrel at an appointed location and time. In addition, home delivery is available; barrels can be delivered before and after the free drop-off day. Home delivery is usually only an additional $5.

We have also found that having a good communication plan helps greatly to raise awareness and increase rain barrel sales. To that end, we want to work with you or a communications person to get the message out.

We do ask, but don't require, a participation fee of $250 which covers our time, the seminar, and home visits to help the homeowners. We don't require the fee because we don't want any community left out because of lack of funding. For those who can make a payment, we are grateful.

I am available to answer your questions and customize a program for your community. **Contact me** at ncinatl@theconservationfoundation.org or at 630-428-4500 Ext. 132 and I will send you the sign-up form.

It's not too early to get dates on the calendar for next spring so **let's get started!**

Nancy Cinatl
Program Assistant
The Conservation Foundation
630 428-4500 x 132

ADOPT-A-STREAM

Another way you can help preserve our streams is through DuPage County's Adopt-A-Stream program. Volunteer groups can work to keep our streams clean and attractive by removing debris and trash in and along our waterways, removing invasive vegetation and by monitoring the quality of the water.

DuPage County Stormwater Management will provide guidance to help coordinate your group's efforts and publically acknowledge groups for their continued service.

For more information, contact Jan Roehll by email at jroehll@theconservationfoundation.org or by phone at (630) 428-4500 ext. 121. The Conservation Foundation is a Stormwater Management partner in preserving and improving DuPage County's streams and rivers.

DUPAGE COUNTY

STORMWATER MANAGEMENT

DUPAGE COUNTY
STORMWATER MANAGEMENT

421 North County Farm Road
Wheaton, IL 60187

(630) 407-6673

Email: stormwatermgmt@dupageco.org

www.facebook.com/lovebluedupage

www.twitter.com/lovebluedupage

Tag your BMPs! #LoveBlueDuPage

Love Blue. Live Green.
DuPage County

DUPAGE COUNTY

STORMWATER MANAGEMENT



BEST MANAGEMENT PRACTICE

(630) 407-66
stormwatermgmt@dupageco.

BEST MANAGEMENT PRACTICES

WHAT ARE BEST MANAGEMENT PRACTICES?

Stormwater best management practices (BMPs) are techniques, measures or structural controls used to manage the quantity and improve the quality of stormwater runoff. The goal of BMPs is to mimic the natural way water moved through an area before development by using design techniques to infiltrate, evaporate, and reuse runoff close to its source. BMPs help reduce the amount of and improve the quality of stormwater runoff. Please preserve our streams by utilizing these BMPs.



QUICK FIXES

Rain barrels are an easy and inexpensive way to capture and store runoff falling from gutters. The stored water can later be used to water gardens and lawns. You can make your own barrels or purchase them locally with simple installation. Another easy fix is adding a rain garden to your property. This attractive BMP is effective in reducing the amount of runoff leaving your property. Rain gardens utilize native plants with deep roots to absorb runoff, filter pollutants and promote groundwater recharge. Even simple changes in habit can be a BMP. For example, using phosphate-free products when washing your car or fertilizing your lawn go a long way in reducing pollutants in stormwater runoff. Something as small as cleaning up after your pet and ensuring litter is properly disposed of can also help.

CONSTRUCTION SOLUTIONS

Some BMPs require more involvement, but should be considered when building or renovating homes. For example, green roofs are an excellent way to decrease the amount of runoff leaving your property. Green roofs not only utilize water where it falls, but help prevent urban heat islands. Green roofs are a more expensive upgrade to your property, but they save money on heating and cooling costs. They can also be constructed on flat and sloped surfaces. A permeable paver is another BMP used as an alternative to traditional concrete or asphalt paving. The pavers decrease runoff by allowing water to seep into cracks that are filled with an aggregate. Remember, anything you can do to reduce pollutants in DuPage County streams helps everyone!

TO LEARN MORE

Visit us at: www.dupageco.org/swm

— or —

Call us: (630) 407-6673

REMEMBER...

- Use permeable pavers instead of asphalt or concrete.
- Plant rain gardens using native species.
- Mix composts into lawns and gardens to use for fertilizer.
- Install rain barrels and use it to water your plants and lawn.
- Don't use your hose as a broom.
- Build green vegetated roofs.
- Keep your vehicle regularly maintained and free of leakage.
- Use phosphate-free products outdoors.
- Put litter in its place.
- Use alternative deicing methods on your driveway in the winter.
- Clean up animal waste.
- Properly dispose of grass clippings and leaves.
- Wash your car on the lawn.
- Report illicit discharge into sewers and streams.



WHEN IT RAINS IT DRAINS

After the Storm

For more information contact:

or visit
www.epa.gov/npdes/stormwater
www.epa.gov/nps

EPA United States Environmental Protection Agency

EPA 833-B-03-002

THE YEAR OF CLEAN WATER
Celebration & Recommitment

A Citizen's Guide to Understanding Stormwater

WHEN IT RAI
IT DRAIN

What is stormwater runoff?



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

Why is stormwater runoff a problem?



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

The effects of pollution



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

- Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.



- Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.



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

Stormwater Pollution Solutions



Residential

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

Lawn care



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

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

Auto care



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

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

Septic systems



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

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

Pet waste



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

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



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

Residential landscaping

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



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

Rain Gardens and Grassy Swales—Specially designed areas planted with native plants can provide natural places fc rainwater to collect and soak into the ground. Rain from rooftop areas or pa areas can be divert into these areas rat than into storm dra



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



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

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

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

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

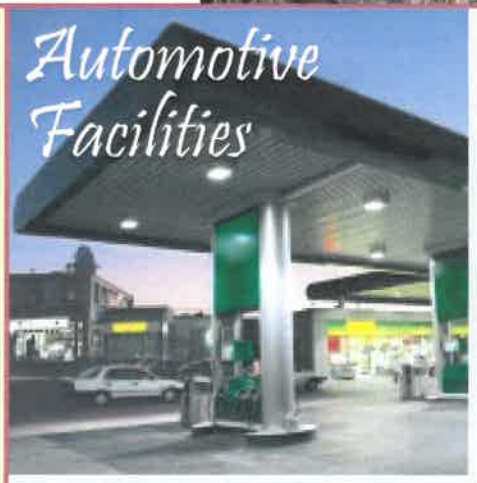




Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria,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

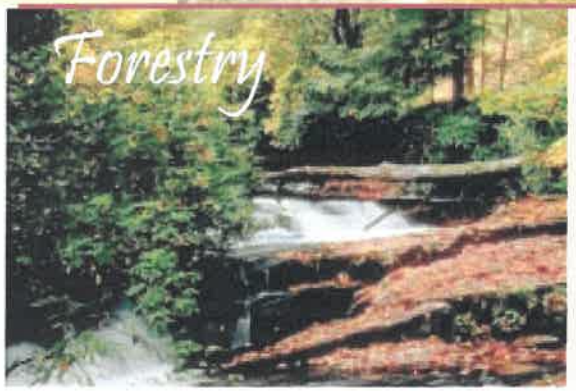


- Keep livestock away from streambanks and provide them a water source away from waterbodies.
- Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- Vegetate riparian areas along waterways.
- Rotate animal grazing to prevent soil erosion in fields.
- Apply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



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

- Clean up spills immediately and prope
dispose of cleanup materials.
- Provide cover over fueling stations an
design or retrofit facilities for spill
containment.
- Properly maintain fleet vehicles to pre
oil, gas, and other discharges from bei
washed into local waterbodies.



Improperly managed logging operations can result in erosion and sedimentation.

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

Protecting Rivers & Streams

Protecting Rivers & Streams

- It All Starts with a Raindrop
  - What is a Watershed?
  - Stormwater: Where Does It Go?
  - Rain Barrels
  - Rain Garden Design
  - Dealing With Snow & Ice
- Improving Water Quality
  - Working with Communities
  - Conservation-Minded Design
  - Watershed Planning
  - Water Improvement Groups
  - Stormwater Management
  - Workshops and Seminars
  - Environmentally Friendly Choices
- Watersheds We're Working In
  - Water Improvement Groups
  - Lower DuPage Riv... W...shed
  - Aux Sable Cre...
  - Big Rock Creek
  - Blackb...
  - Ferson... er Creek
  - Lo...
  - Tyle...
  - Cons...va... ...ome
  - DuPage R... ...veep

Protecting Rivers & Streams > It All Starts with a Raindrop > **Rain Barrels**

Rain Barrels



When we think of our stormwater as a precious fresh water resource, it doesn't make sense to manage it like a waste product. There is a finite amount of fresh water on earth and we can all take steps to protect it, starting with collecting it where it falls!

When we catch and keep the rainwater that falls on our yards, we reduce flooding and stress on sewer system infrastructure, keep pollutants out of our rivers and streams, and end up with a bunch of clean water that is perfect for watering lawns and gardens, washing cars or the family dog household water usage in many other ways.

Rain Barrels

One simple, efficient, low-cost method to reduce the amount of stormy your property is to use **rain barrels.** Estimates indicate that a quarter-on an average home yields over 200 gallons of water. **Rain barrels are containers that capture stormwater from your roof that would as runoff.** Modern rain barrels are sealed, safe around children and ins can even be painted or decorated to your liking. You can divert water f downspout to fill your rain barrel and a hose spigot on the front makes access and use.

Storm Drain Stenci
Adopt-A-Stream
Rain Barrels
Rain Garden Desig
Environmentally F
- Fox River Watersh
- DuPage River Wat



Around 40% of total household water used during the summer months is for watering lawns and gardens. Rainwater doesn't contain chlorine, lime or calcium which makes it ideal for watering your flowers and vegetable garden or washing your car or windows. You may notice a decrease in your water bill! Even if you don't have an intended use for the water, emptying the rain barrel after a storm reduces the rate and volume of stormwater the sewer system and our rivers and streams have to manage at a peak time. **View this guide** or watch this **video** for easy installation tips.

The Conservation Foundation sells rain barrels year-round through our partnership with Upcycle Products, Inc. Our 55-gallon rain barrels are made of recycled food-grade plastic, come in a variety of colors and **can be purchased online for $60 (plus tax).** Home delivery is available for $5 more. Barrels **can also be purchased in person at McDonald Farm or area events for $75 (includes tax).**

Click Here To
Order Your Rain Barrel Now!

****Please note: rain barrels ordered online will not be available for pickup at McDonald Farm until the following week.*

We also organize many county, municipal, and organizational rain barrel sales. Peruse this list to find a sale near you:

Addison
Aurora
Batavia
Elgin
Glen Ellyn
Lisle
Naperville
Oswego
Ottawa
Wheaton
Will County

Rain Gardens

Rain gardens are shallow depressions planted with native plants that are accustomed to wet conditions. Rain gardens help to collect and filter rainwater and allow it to seep naturally into the ground. This helps to reduce the amount of pollutants and rainwater runoff reaching our streams.

Many of the streams in northeastern Illinois are affected by pollutants carried in rainwater that runs off our urban landscape. Non-source pollutants from our yards include excess nutrients and pesticides from lawn chemicals and pet waste. Not only are the pollutants harmful to our streams, but the large amount of water that rushes through the storm

sewers and into the streams erodes banks and causes downstream flooding. Rain gardens filter this water through the native plants deep roots system into the ground rather than rush into the streams.

Where do I start?
Each of your downspouts and your sump pump outlet are great places to begin – they bring water from your roof and that water can be used to make your rain garden.

Rain gardens can also be made in places in your yard where water collects now – they can solve drainage issues.

The University of Wisconsin Extension Service put together a great resource on how to build your own Rain Garden. This 32 page Rain Garden Manual can be **downloaded here** in a PDF format.

Applied Ecological Services has also provided its expertise on rain gardens in a **Rain Garden Guide** (click to view or download) created in partnership with The Conservation Foundation.

About Us
Mission and Vision
History and Founders
People
Dickson-Murst Farm
McDonald Farm
Finances and Policies

Videos & Publications
Videos
The Heron Magazine
Annual Reports

Events
Earth Day Benefit Dinner
DuPage River Sweep
Stormwater Seminars
Upcoming Events
Upcoming Events

Contact & Visit Us

Donate
Make a Donation
Budget-Friendly Monthly Giving
Gift & Estate Planning
Campaign for Conservation
Sponsorship/Corporate Support
Memorial & Tribute Gifts
More Ways to Give

Preserving Land
Private Landowners
Public Agencies
Conservation-Minded Development
Lower Fox Land Conservation Plan
DuPage Natural Areas Master Plan

Protecting Rivers & Streams
It All Starts with a Raindrop
Improving Water Quality
Watersheds We're Working In
What You Can Do
Fox River Watershed
DuPage River Watershed

Educating & Empowering
Youth
Families
Adults
Communities

Sustainability
In Your Yard
In Your Neighbor
In Your Communi
At The Conservat
Resources

Conservation@
Earth-Friendly La
Getting Started/
Educational Artic
Solving Problem
Landscaping for
Rain Barrels & O
Conservation@W
Taking Conserva
TCF's Pollinator
Fox Valley Mona

DUPAGE COUNTY



Green Infrastructure Seminar for MS4 Communities

HAMPTON, LENZINI AND RENWICK, INC.

Love Blue. Live Green.

DuPage County Stormwater Management

AGENDA

7:30 A.M. – 8:00 A.M.	***CHECK IN & BREAKFAST***
8:00 A.M. – 8:05 A.M.	***INTRODUCTION*** Jim Zay, Chairman, DuPage County Stormwater Management Committee
8:05 A.M. – 8:45 A.M.	***URBAN TREES: THE IMPORTANCE OF PROTECTION, REPLACEMENT & PROPER PLANTING TECHNIQUES*** Steve Ludwig, Village of Algonquin, IL
8:45 A.M. – 9:25 A.M.	***THINK OUTSIDE THE TREE BOX: URBAN TREE SUSTAINABILITY FOR GREEN INFRASTRUCTURE*** Beth Corrigan, The Morton Arboretum
9:25 A.M. – 10:05 A.M.	***GREEN INFRASTRUCTURE: BEST PRACTICES FOR SMALL NATURAL AREAS*** Jeff Weiss, Oakton Community College
10:05 A.M. – 10:15 A.M.	***BREAK***
10:15 A.M. – 10:55 A.M.	***INSTALLATION & MAINTENANCE OF ROADSIDE BIO-CELLS & INFILTRATION PRACTICES*** Ted Semadeni, City of Lenexa, KS
10:55 A.M. – 11:35 A.M.	***ILLINOIS TOLLWAY INVESTING IN SUSTAINABLE ROADWAYS*** Kelsey Musich, Illinois Tollway
11:35 A.M. – NOON	***DUPAGE COUNTY STORMWATER MANAGEMENT WRAP UP*** Sarah Hunn, DuPage County Stormwater Management

ABSTRACTS & SPEAKER BIOGRAPHIES

STEVE LUDWIG

General Services Superintendent, Village of Algonquin, IL

"Urban Trees: The Importance of Protection, Replacement & Proper Planting Techniques"

Abstract: Well-managed urban trees are a key component of all good water management programs. As such, trees must be managed in a way that maximizes the environmental/community dollar, by providing tree populations that are vast, enduring and stable. Steve will cover many areas of tree management including protection, replacement, planting strategies and techniques. Steve's unique perspectives will provide you with some key ideas and the motivation to include trees as a powerful component of your environmental program.

Biography: Steve is a 28-year veteran of the public works industry, serving 23 years with his current employer, including 14 as the Parks & Forestry Superintendent, and currently as the General Services Superintendent. Beginning at the most entry level positions in this industry, Steve prides himself on the fact that he has accomplished the same things he teaches to others, that commitment, dedication, and loyalty will lead to a sense of purpose, and subsequently, great success. Things about Steve it might be nice to know:

- International Society of Arboriculture Certified Arborist (IL-0657AM) since 1993.
- International Society of Arboriculture Municipal Specialist since 2004.
- International Society of Arboriculture Certification Liaison to the Illinois Arborist Association 2005-2009.
- International Society of Arboriculture Certification Liaison Chairperson 2007-2009.
- Illinois Arborist Association Certification Program instructor 2006-2011.
- Illinois Arborist Association Board Member (Municipal Chairperson) 2009-2011.
- Graduate of the Illinois Public Service Institute 2006
- Illinois Public Service Institute Committee 2006-08 and 2014-Current
- Illinois Arborist Association Vice President 2012-13
- Illinois Arborist Association President-Elect 2013-14
- Illinois Arborist Association President – 2014-15
- Owner – Ludwig Speaks Motivational Speaking and Training Services, LLC
- Program facilitator/administrator of the American Public Works Association's Roads Scholar Program for both Illinois and Michigan

Among the many other personal ways in which Steve serves his community, it is his hopeful desire to continue to return to the arboriculture community, the support, leadership and encouragement he has received during his career. Steve is appreciative of your support and grateful for your contributions to our great work.

BETH CORRIGAN

Community Trees Program Specialist, The Morton Arboretum

"Think Outside the Tree Box: Urban Tree Sustainability for Green Infrastructure"

Abstract: Trees are a vital component of green infrastructure. Trees can positively impact your stormwater mitigation and water quality programs. Trees are forest dwellers, but with improvements to soil composition and volume for root growth, trees can grow to maturity -- and maximize their impact. Learn best practices for site design and maintenance to highlight the natural benefits that trees provide. Beth will draw from many partner resources and will provide handouts from U.S. EPA on trees and stormwater.

From the Center for Urban Forestry Research: A healthy urban forest can reduce the amount of runoff and pollutant loading in receiving waters in four primary ways:

1) Through evapotranspiration, trees draw moisture from the soil ground surface, thereby increasing soil water storage potential.
2) Leaves, branch surfaces, and trunk bark intercept and store rainfall, thereby reducing runoff volumes and delaying the onset of peak flows.
3) Root growth and decomposition increase the capacity and rate of soil infiltration by rainfall and reduce overland flow.
4) Tree canopies reduce soil erosion by diminishing the impact of raindrops on barren surfaces.

Biography: Beth is a subject matter expert in urban forestry/green infrastructure and sustainable land management. Beth works with large land managers to understand, value, and manage the urban forest. Beth is an experienced project manager that excels at providing resources to many levels of stakeholders to successfully achieve their goals, including grant management. These include federal, state and local public entities, and other private and public corporations. Beth enjoys meeting new people, building coalitions to drive results, and public speaking at national conferences and private events.

- ISA Certified Arborist, IL 9090-A
- BS, Industrial Technology

JEFF WEISS

President, Living Lands Conservation Company
Steward, Buffalo Grove Prairie
Faculty, Oakton Community College

"Green Infrastructure: Best Practices for Small Natural Areas"

Abstract: Public lands, including parks, detention areas, stream banks, woodlands, prairies and wetlands can be effectively and economically restored and maintained as natural areas through the application of green infrastructure principles and a simple, consistent process. This talk will identify best practices for public lands to protect soil and water quality, improve habitat for plants and wildlife and engage residents in conservation and recreation opportunities.

Biography: Jeff Weiss is the founder of the Buffalo Creek Clean Water Partnership and the Buffalo Grove Environmental Action Team. He is on faculty at College of Lake County, Oakton Community College and The Morton Arboretum, where he teaches ecological restoration and horticulture classes. He is also Steward at Buffalo Grove Prairie and leader of the Buffalo Grove Prairie Guardians, a volunteer stewardship group that has been protecting this remnant prairie since 1989.

He received his MS in Natural Resources and Environmental Sciences at the University of Illinois at Urbana Champaign in 2014. He works very locally with the Village of Buffalo Grove and the Buffalo Grove Park District on green infrastructure projects at 16 village-owned natural areas and 6 parks.

TED SEMADENI

Assistant to the Director of Municipal Services, City of Lenexa, KS

"Installation & Maintenance of Roadside Bio-cells & Infiltration Practices"

Abstract: Proper installation and continued maintenance is a crucial part of the success of stormwater management bio-retention and infiltration practices. When installation is not done correctly, it can result in poor performance and increased maintenance. When there is no plan to conduct regular maintenance or the

maintenance requirements are not understood the practice can fail. Failure of storm water quality best management practices (BMP) can lead to public dislike of green infrastructure. The City of Lenexa Kansas has developed a robust green infrastructure maintenance program to improve storm water quality. The program includes 190 separate water quality BMPs, more than 60 of those are considered infiltration practices. This presentation aims to provide insight into proper installation along with how to develop a comprehensive maintenance plan for managing your green infrastructure facilities. We will cover some of the lessons learned along with some tips to help your facilities be successful and possibly gain the approval of the citizens in the community.

Biography: Ted began working for the City of Lenexa in 2002 as a Street Maintenance Worker in the Public Works Department, now known as Municipal Services. He has held many positions in the Street and Stormwater Divisions of Municipal Services, including Stormwater Superintendent. In 2016, he became the Assistant to the Director of Municipal Services.

As the Stormwater Superintendent Ted was responsible for the maintenance of the City's storm water infrastructure. Including items such as storm drains, underground pipes and ditches. Also including Green Infrastructure in the City of Lenexa ranging in size from a 50 square foot rain garden to a 17-acre prairie, along with 322 acres of riparian zone and 22 miles of streams.

KELSEY MUSICH

Senior Environmental Planner, Illinois Tollway

"Illinois Tollway Investing in Sustainable Roadways"

Abstract: Kelsey Musich is the Senior Environmental Planner at the IL Tollway. She is a Certified Professional in Erosion and Sediment Control and has 15 years of experience protecting natural resources and improving water quality in Northern Illinois. Currently, she has been charged with ensuring wetland and water quality permit compliance for the Tollway's MOVE ILLINOIS Capital Program.

Biography: The Tollway has installed nearly two dozen bioswales along approximately 17 miles of roadway in segments between Touhy Avenue near O'Hare Airport and Lake Cook Road. Additionally, bioswales will be constructed along an additional 61 miles. Kelsey will discuss bioswale types, locations and a 10-year maintenance and monitoring tool that rates performance related to pollutants, vegetative cover and vegetative diversity.

SARAH HUNN, P.E.

Deputy Director, DuPage County Stormwater Management

Biography: Sarah Hunn is the Chief Engineer for DuPage County Stormwater Management. Sarah started her career at the Illinois Department of Transportation and has worked for DuPage County Stormwater Management for the past 13 years. Sarah currently manages Stormwater Planning, Flood Control Operations and Floodplain Mapping for DuPage County. In addition to her professional work, she is active in the Illinois Association for Floodplain and Stormwater Management and Engineers without Borders. She holds a B.S. degree in Civil Engineering from Michigan Technological University.

DUPAGE COUNTY



Pollution Prevention Seminar for MS4 Communities

Christopher B. Burke Engineering, Ltd.

Love Blue. Live Green.

DuPage County Stormwater Management

SPEAKER BIOS

AMY FOSTER, CMS4S, CESSWI

Stormwater Coordinator, City of Coralville, IA

Amy Foster is the Stormwater Coordinator for the City of Coralville, Iowa. Amy is originally from Bettendorf, Iowa. Amy attended the University of Iowa and received her Bachelor of Science in Geography in 2007. After college, Amy was hired as a Watershed Coordinator for the Scott County Soil and Water Conservation District. This position involved managing a 15 member Board of Directors that included Public Works Directors, County Officials, local citizens, City Council Members and agricultural landowners. The goal of this Board of Directors was to help local municipalities develop using green infrastructure, improve of local water quality and educate citizens on ways they can be better stewards of their watersheds. After leaving Partners of Scott County Watersheds, Amy took a position with the City of Davenport's Public Work Department in the Natural Resources Division. Amy worked with a team to develop policy and ordinances and implement green design techniques into city projects. Currently, Amy manages the City of Coralville's Municipal Separate Storm Sewer System (MS4) permit. Amy is responsible for providing stormwater plan review of all new and redevelopment areas within the City of Coralville. Amy is a member of American Public Works Association (APWA), and serves on the APWA National Water Resources Committee and is a graduate of the Emerging Leaders Academy. Amy is a member of the Iowa Stormwater Education Program and serves on the Iowa Stormwater Management Manual Editors Group. Amy is also a Certified Erosion, Sediment, and Storm Water Inspector (CESSWI) and Certified Municipal Separate Storm Sewer System Specialist (CMS4S). In her free time, Amy enjoys riding her horse, kayaking, camping and exploring with her husband and daughter.

ROBERT LEWIS, P.E.

Director, Public Works Department, Village of Westchester, IL

Mr. Lewis is a registered professional civil engineer with extensive experience in all phases of Public Works. His project experience includes transportation, utilities, environmental, drainage improvements, safety studies, signal improvements, potable water and wastewater collection systems and public involvement. He has procured funding, grants, finance mechanisms for municipal projects, and worked with operations staff to develop SOP's and maintenance schedules for street repair, pumps stations, street lighting and other infrastructure. He served more than 15 years as Director of Public Works/City Engineer in Westchester, Wilmette and Lombard, Illinois coordinating and implementing numerous public works functions and municipal capital projects. He also has 15 years' experience working on the private side as a consulting engineer working in Illinois, Virginia, Florida, Mid-Atlantic States and the Middle East.

DAN SALSINGER, CPESC, CISEC

Sales Representative, Hanes Geo-Components, Elmhurst, IL

Dan is a local sales representative for Hanes Geo-Components, a supplier of storm water practices, textiles, bioengineering tools and erosion and sediment control products.

County of McHenry

SNOW AND ICE CERTIFICATION

This certifies that

Scott Frankenthor

Successfully completed the Winter Snow & Ice Control Training and Calibration Clinic and has passed the certification examination in October, 2018. Further, the above named individual has volunteered to apply snow and ice control Sensible Salting best management practices for roadways, parking lots, sidewalks, and driveways in Northern Illinois.

SEAL OF THE COUNTY of McHENRY ILLINOIS JUNE 1837

Sponsored by: McHenry County Divisions of Transportation and Water Resources, the City of Crystal Lake, and the Village of Algonquin.

Certification expires October, 2021

County of McHenry

SNOW AND ICE CERTIFICATION

This certifies that

Bill Johnson

Successfully completed the Winter Snow & Ice Control Training and Calibration Clinic and has passed the certification examination in October, 2018. Further, the above named individual has volunteered to apply snow and ice control Sensible Salting best management practices for roadways, parking lots, sidewalks, and driveways in Northern Illinois.

Sponsored by: McHenry County Divisions of Transportation and Water Resources, the City of Crystal Lake, and the Village of Algonquin.

Certification expires October, 2021

45 years
THE CONSERVATION FOUNDATION
Since 1972

Certificate of Attendance

2018 Kane County
Public Roads Deicing Workshop

Barbara Belding Lodge at Brewster Creek
Kane County Forest Preserve District
St Charles, IL

Bruce Wodarski

Village of Bartlett

October 17, 2018

Presenters: Connie Fortin, Fortin Consulting; Chris Walsh, Consultant

4 PDHs

SEAL OF THE COUNTY OF KANE STATE OF ILLINOIS ORGANIZED JAN. 16, 1836

Presented by:
The Conservation Foundation &
Kane County Division of Environmental & Water Resources

Certificate of Attendance

2018 Kane County
Public Roads Deicing Workshop
Barbara Belding Lodge at Brewster Creek
Kane County Forest Preserve District
St Charles, IL

Paul Witkowski

Village of Bartlett

October 17, 2018

Presenters: Connie Fortin, Fortin Consulting; Chris Walsh, Consultant

4 PDHs

Presented by:
The Conservation Foundation &
Kane County Division of Environmental & Water Resources

45 years
THE CONSERVATION FOUNDATION
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Certificate of Attendance

2018 Kane County
Public Roads Deicing Workshop

Barbara Belding Lodge at Brewster Creek
Kane County Forest Preserve District
St Charles, IL

Alvin Matsui

Village of Bartlett

October 17, 2018

Presenters: Connie Fortin, Fortin Consulting; Chris Walsh, Consultant

4 PDHs

SEAL OF THE COUNTY OF KANE · ORGANIZED JAN. 16, 1836 · STATE OF ILLINOIS ·

Presented by:
The Conservation Foundation &
Kane County Division of Environmental & Water Resources

45 years
THE CONSERVATION FOUNDATION
Since 1972

Certificate of Attendance

2018 Kane County
Public Roads Deicing Workshop

Barbara Belding Lodge at Brewster Creek
Kane County Forest Preserve District
St Charles, IL

Sam Digiovanni

Village of Bartlett

October 17, 2018

Presenters: Connie Fortin, Fortin Consulting; Chris Walsh, Consultant

4 PDHs

SEAL OF THE COUNTY OF KANE · STATE OF ILLINOIS · ORGANIZED JAN. 16, 1836

Presented by:
The Conservation Foundation &
Kane County Division of Environmental & Water Resources

County of McHenry

SNOW AND ICE CERTIFICATION

This certifies that

Tyler Reese

Successfully completed the Winter Snow & Ice Control Training and Calibration Clinic and has passed the certification examination in October, 2018. Further, the above named individual has volunteered to apply snow and ice control Sensible Salting best management practices for roadways, parking lots, sidewalks, and driveways in Northern Illinois.

SEAL OF THE COUNTY of McHENRY ILLINOIS JUNE 1837

Sponsored by: McHenry County Divisions of Transportation and Water Resources, the City of Crystal Lake, and the Village of Algonquin.

Certification expires October, 2021

County of McHenry

SNOW AND ICE CERTIFICATION

This certifies that

Thomas Hogan

Successfully completed the Winter Snow & Ice Control Training and Calibration Clinic and has passed the certification examination in October, 2018. Further, the above named individual has volunteered to apply snow and ice control Sensible Salting best management practices for roadways, parking lots, sidewalks, and driveways in Northern Illinois.

Sponsored by: McHenry County Divisions of Transportation and Water Resources, the City of Crystal Lake, and the Village of Algonquin.

Certification expires October, 2021

About SCARCE - SCARCE

SCARCE Is Founded

Founded and developed two composting programs for schools Outdoor: "Turning Garbage into Gold" Indoors, with worms: "Kids Aren't the Only Wigglers That Belong In School"

Book Rescue

SCRAP Book Rescue Program is recipient of the Role Model Program Award, from the State of Illinois, Department of Commerce & Community Affairs [CCA] Bureau of Recycling

Presenter, the Governor's Pollution Prevention Award (one of 4 first-ever presenters)

Outstanding Educators

Illinois Recycling Association's Recycling Educator of the Year Award. Founded and developed the Ecology Flag Program; 12 DuPage County schools have earned the Ecology Flag.

Hometown Heros

Received the State of Illinois Hometown Hero Award from Lieutenant Governor, Pat Quinn

A Cleaner Chicago

Joined "Clean Air Counts" initiative to improve air quality in the Chicago metropolitan area.

Promoting Conservation

Received the Business Partner of the Year Award from the Central DuPage AM Rotary.

Received The Conservation Foundation's Paul Butler Memorial Award, for extraordinary efforts in promoting conservation and the environment through her work with SCARCE.

Floodplain and Stormwater Management

Recipient of the Public Education Award from the Illinois Association for Floodplain and Stormwater Management (IAFSM)

Robert Allen

From: Tyler Isham
Sent: Wednesday, October 17, 2018 8:52 AM
To: Robert Allen
Subject: FW: Kay from SCARCE

Looks like our medallions are coming soon!

From: Kay McKeen [mailto:kay@scarce.org]
Sent: Tuesday, October 16, 2018 4:20 PM
To: Tyler Isham <tisham@vbartlett.org>
Subject: Re: Kay from SCARCE

Hi Tyler -

Yes - sorry

I just met with a Rotary - they are going to be doing some medallions in Barltett

Also waiting for a teacher to get back to me from Bartlett HS -

So I am sorry it is taking so long to get them done - Thursday is the anniversary of the Clean Water Act - so we have been trying to get some in each town - by then

But teachers are busy and their students are busy - so it is taking a lot longer than I ever imagined.

I am sorry

I did work with a woman today whose kids go to Prairie View - and she is interested

Would you want to do some with us at your City Hall and some downtown places?

Thanks Kay

Kay McKeen
Founder & Executive Director
SCARCE
630.545.9710
799 Roosevelt Road
Building 2, Suite 108
Glen Ellyn, IL 60137
www.scarce.org

Mon-Fri 9:00am-4:30pm

Inspiring people, through education, to care for & preserve the Earth's natural resources, while working to build sustainable communities
#scarceinspires

Storm Drain Medallions: A Simple Environmental Service Project with Lasting Impact



You can help keep our waterways clean and healthy.

Get Started

Are you looking to make a difference for the environment and your community? Protect local waterways and educate your fellow community members with the Storm Drain Medallion Project from SCARCE. We provide the tools and guidance to help you make a difference.



What is the storm drain medallion project?

SCARCE is looking for DuPage County citizens to lead small-scale storm drain medallion projects in their community. Storm drain medallions are markers that

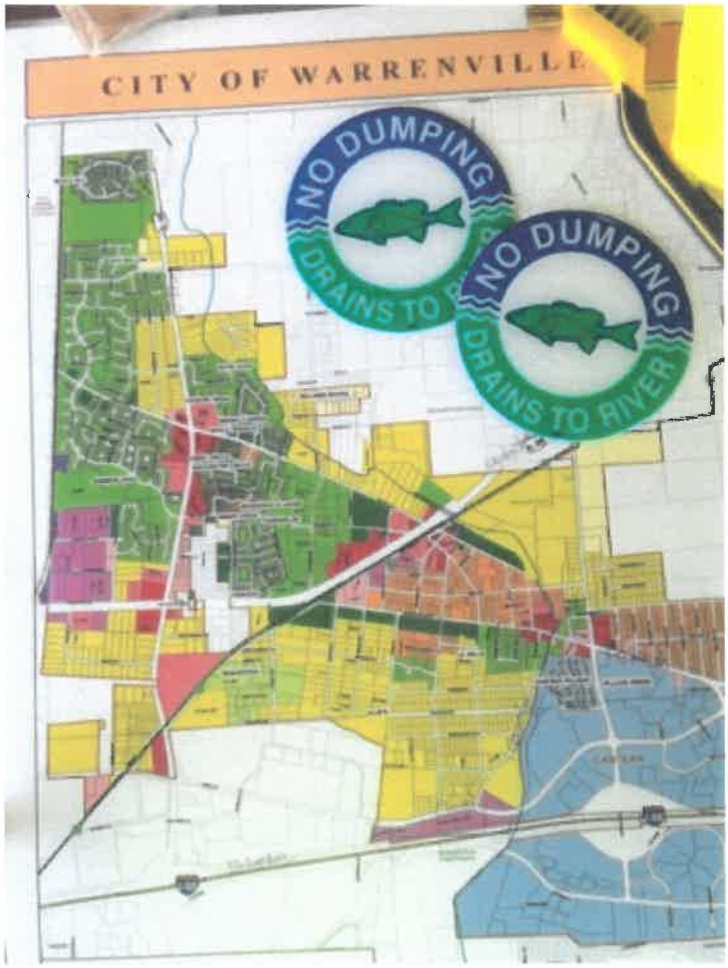
are adhered to the curb of a storm drain. They educate readers not to dump waste of any kind down storm drains as they connect directly to our rivers, streams, and lakes.* Many people are unaware that water from storm drains does not get filtered or treated before being released into local waterways. By installing storm drain medallions, you can help prevent the pollution of our water and educate your fellow community members.

Only rainwater should go down storm drains – dumping of any other waste is illegal by the Federal Clean Water Act and should be reported to your local municipality. Hazardous or potentially life-threatening spills should be reported by calling 911.

**Notably, the city of Chicago, and other old, large cities across the U.S., are an exception with their combined sewer systems. Learn the difference between combined and separated sewer systems in this great video from the Metropolitan Sewer District of Greater Cincinatti.*



A close-up rendering of the storm drain medallion.



Plan out where to install your markers.



Medallion Installation materials

Review the project steps and FAQ below. All in all, the Storm Drain Medallion Project is a great activity that is simple to do and has a lasting impact. Apply today!

Frequently Asked Questions

Who can apply to run a storm drain medallion project?

SCARCE has storm drain medallions and installation materials available for free to DuPage County residents aged 13 or older that would like to run a project in their community. We've worked with Eagle Scouts, student clubs, honors classes, village environmental committees, civic groups, libraries and more. We do require at least one adult, such as a teacher, parent, or scout leader to oversee the project.

Students from York High School's ECO Club installed medallions in Elmhurst.

The Village of Downers Grove partnered with local high school honors students to install medallions in the community.

An boy scout installed medallions in Woodridge for his eagle scout project.

The Itasca Library installed medallions on their property as they worked toward earning their Water Quality Flag through SCARCE.

Does it cost anything?
This project is FREE! Thanks to a grant from the DuPage Foundation, SCARCE will provide medallions and all the materials needed for installation free of charge to approved projects in DuPage County. **There is a $25 cash deposit to cover tools loaned out for the installation.** The deposit is returned once we receive the tools and a brief follow-up project summary with photos is submitted. Materials must be picked up from SCARCE and the cash deposit must be provided at that time.
How long does the project take?
This project is quite simple. If your project is small, it takes just a few hours to plan and install. Get the ball rolling and apply today!
How many medallions may I apply for?

This project is for smaller-scale installations from as few as 1 to as many as 20. However, we may be able to provide more depending on the scope of your project and the organizations involved. We are happy to work with you and provide guidance as needed.

What am I required to do by leading a project?
You'll undergo a quick training and be expected to pass the info along to your group. You'll need to provide a $25 deposit for tools and have each member of your group fill out a waiver. You'll also need to fill out the Final Project Summary . You must submit photos, installation locations, and the final number of medallions and project participants.

Basic Project Procedure

1. Review the FAQ above and fill out the online application.
2. Call SCARCE to schedule a time to finalize your project and pick up the supplies.
3. Supply Pick Up & Training: Bring a $25.000 cash deposit, fill out the project agreement, sign a waiver, have a quick training, and get your supplies.
4. Install Medallions. While running your project, make sure to take photos and record the installation location of each medallion.
5. Fill out the final project summary.
6. Return your tools to SCARCE (best to call ahead). Fill out the return receipt and, assuming tools are returned functional, get your $25.00 deposit.

Get Started

Check out the video below to see how easy it is to install storm drain medallions (spoiler alert: this is your training video). Get more details on how to properly install medallions here.

Still have questions? Review the application, installation instructions, and then contact us for more info.



Thank you to the DuPage Foundation for supporting this project.

DuPage River Salt Creek Workgroup
Annual Meeting Agenda
Lombard Village Hall
February 27, 2019

Equivalent of 1 PDH Recognized for Attendance

9:00-9:05 Welcome, Introductory Remarks
Dave Gorman – DRSCW President and Assistant Director of Public Works, Village of Lombard

9:05-10:00 Annual Business Meeting

1. **Approval of the minutes for the December 12, 2018 meeting** (Attachment 1)
2. **Election of Officers and Members-at-Large,**
   - President – Dave Gorman, Village of Lombard
   - Vice President – Sue Baert, Wheaton Sanitary District
   - Secretary – Treasurer – Rick Federighi, Village of Addison
   - At Large – Mary Beth Falsey, DuPage County
   - At Large – Jim Knudsen, Village of Carol Stream
   - At Large – Nick Menninga, Downers Grove Sanitary District
   - At Large – Steve Zehner, Robinson Engineering, Inc.
3. **Adoption of FY 2019-20 Budget**
   - Approval of the FY 19-20 Annual Dues Schedule and Annual Dues by Agency (Attachment 2). A 3% increase in Agency member annual dues is scheduled for FY 19-20. Associate member dues for all not-for-profit and government associate members will also increase by 3% in FY 19-20. Other associate member dues will also increase by 3% in FY 19-20.
     - ✓ A motion to approve the Dues Schedule is required.
   - POTW Agency member project assessments related to the NPDES special conditions remains on schedule.
   - Review and approval of the FY 2019-20 Budget (Attachment 3 – (one-page budget summary).
     - ✓ A motion to approve the 2019-20 Budget is required.
   - Presentation and discussion of the detailed Five Year Financial Plan for Fiscal Years 2019-2020 to 2023-2024 (https://files.constantcontact.com/0fa48d3a001/b3c33b89-70c7-48fd-9815-1c4c9e9d8fe5.pdf). The Five Year Financial Plan was also emailed to all members on 02/12/2019.
     - ✓ A motion to post the Five Year Financial Plan for information and planning purposes only is required.
   - Financial Report through January 2019 (Attachment 4)

Invoice Payments from November 30, 2018 through February 14, 2019

Vendor/Project	Invoice Number	Amount ($)	Status
Aileron - Fullersburg Woods Concept Plan - Survey Develop/Deploy	1604	10108.71	Pending
Andrew Ragas - DRSCW Website Redesign	N/A	920.00	Pending
Baxter & Woodman - Fullersburg Woods Concept Plan	203617	1,796.25	Pending
MBI IPS - Exploratory Analysis 11/18 - 12/31/18	1619	6,022.20	Pending
TetraTech - Trading Program 8/1 - 11/30/18	18-225	8,251.12	Approved
The Conservation Foundation - Oct. - Dec. 2018 Expense	N/A	3,006.40	Pending
V3 Companies - Fawell Dam Modification Phase II	1118430	240.64	Pending

4. Appointment of Committee Chairpersons by incoming President

- Monitoring Committee Chairperson – Jennifer Hammer, The Conservation Foundation
- East Branch DuPage River Watershed Committee Chairperson – Larry Cox, Downers Grove Sanitary DistrictpWest Branch DuPage River Watershed Committee Chairperson – Erik Neidy, Forest Preserve District of DuPage County
- Salt Creek Watershed Committee Chairperson – Dennis Streicher, Sierra Club – River Prairie Group

5. Other business

- Newsletter (Attachment 5)
- Lower DuPage River Watershed Coalition update
- Lower Salt Creek watershed plan update
- TLWQS for Chlorides (Chloride Variance)
- Proposed Chloride Standards (temperature dependent)
- TMDL Development
- Salt Creek 2016 report is undergoing final development.

6. DRSCW Calendar

- February 13, 2019 – NARP Panel, 2019 Illinois Wastewater Professionals Conference, Champaign, Illinois (Deanna)
- February 13, 2019 – NARP Panel, 2019 Beyond Steam Bank Stabilization Illinois Wastewater Professionals Conference, Champaign, Illinois (Stephen)
- February 21, 2019 – DRWW Annual Meeting, NARP Work Plan, Libertyville, Illinois (Deanna)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Stakeholder Engagement and Panel, Itasca, Illinois (Deanna)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Looking Beyond POTW Limits and Panel, Itasca, Illinois (Jennifer)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Panel, Itasca, Illinois (Stephen)
- March 15, 2019 – Chloride Trends in NE Illinois, Illinois Lakes Management Association Conference, Crystal Lake, Illinois (Deanna and Stephen)
- Staff submitted an abstract titled "Optimizing Local Investments for Meeting In-Stream Designated Uses" to 2019 WEFTEC conference in Chicago.

7. Workgroup Meeting Schedule (9:00 AM start time)

Unless otherwise specified all meetings are scheduled to occur at Lombard Village Hall from 9:00 AM to 11:00 AM.

April 24, 2019 from 9AM-11:30AM (Time extended due to TMDL Public Hearing)
June 26, 2019
August 28, 2019
October 30, 2019
December 11, 2019
February 26, 2020

10:00 – 10:25 **Recommendations for numeric criteria and eutrophication standards for Illinois streams and rivers**

As part of the Illinois Nutrient Loss Reduction Strategy (NLRS), the Nutrient Science Advisory Committee (NSAC) was established to make recommendations to the Illinois Environmental Protection Agency (IEPA) on numeric river and stream eutrophication water quality standards. These standards are to be appropriate for protecting aquatic life and human uses of Illinois waterbodies. The methods utilized by NSAC and their recommended numeric criteria for total phosphorus, total nitrogen, and chlorophyll A were recently published in their final report (see link below) and the IEPA is seeking written comments on the report through April 30, 2019.

https://www2.illinois.gov/epa/topics/water-quality/standards/Documents/NSAC%20Report%20-%20Final.pdf
Presenter: Deanna Doohaluk and Stephen McCracken (presentation provided by the IEPA)

10:25 – 11:00 **DRSCW Program Update**

1. Program overview, objectives and philosophy (10 minutes)
2. Fawell Dam Modification Update (5 minutes)
3. Spring Brook Phase II (5 minutes)
4. Graue Mill Dam on Salt Creek Concept Development (5 minutes)
5. Trading and Nutrient Implementation Plan (5 minutes)
6. Chloride Reduction (5 minutes)

DuPage River Salt Creek Workgroup
FY 2019-20 Annual Dues Schedule and Annual Dues by Agency
February 27, 2019

Annual Dues Schedule – Fiscal Year 2019-20

Individual Member dues shall be $63.00 per year.

Associate Member dues shall be $126.00 per year for any not-for-profit or government agency, organization or company and $206.00 per year for any other agency, organization or company.

Agency Member dues shall be comprised of the sum of the following components applicable to the Agency Member.

a. Administrative Fee of $253.00 per year.
b. POTW discharge fee calculated as $1,992.91 per MGD of POTW average design capacity for those Agency Members owning or operating a POTW with an NPDES permit to discharge into the three watersheds.
c. Acreage fee calculated as $0.6996 per acre for all of the acreage within the corporate limits of a municipality which is tributary to the three watersheds and for the unincorporated acreage within a county which is tributary to the three watersheds.

Annual Dues by Agency – Fiscal Year 2019-20

Agency Members	Fixed Component	Acreage Component	WTP Component	Total Annual Dues
Addison	$253	$4,236	$16,940	$21,429
Arlington Heights	253	626		879
Aurora	253	721		974
Barrington	253	72		325
Bartlett	253	2,634	7,334	10,221
Batavia	253	6		259
Bensenville	253	1,102	9,367	10,722
Berkeley	253	627		880
Bloomingdale	253	3,087	6,876	10,216
Bolingbrook	253	91	10,044	10,388
Broadview	253	575		828
Brookfield	253	1,138		1,391
Carol Stream	253	4,134	10,762	15,149
Clarendon Hills	253	312		565
Darien	253	205		458
Deer Park	253	1		254
Downers Grove	253	6,410		6,663
Downers Grove SD	253	0	21,922	22,175
DuPage County	253	32,314	24,911	57,478
Elk Grove Village	253	2,233		2,486
Elmhurst	253	4,550	15,943	20,746
Franklin Park	253	11		264
Glenbard WW Authority	253	0	31,927	32,180

DuPage River Salt Creek Workgroup
FY 2019-20 Annual Dues Schedule and Annual Dues by Agency
February 27, 2019

Agency Members				
Glen Ellyn	253	2,991		3,244
Glendale Heights	253	2,413	10,483	13,149
Hanover Park	253	2,974	4,822	8,049
Hillside	253	954		1,207
Hinsdale	253	375		628
Hoffman Estates	253	2,506		2,759
Inverness	253	1,984		2,237
Itasca	253	2,229	5,181	7,663
Lisle	253	3,010		3,263
Lombard	253	4,420		4,673
Maywood	253	25		278
Melrose Park	253	711		964
MWRDGC	253	11,369	83,702	95,324
Naperville	253	9,013		9,266
Northlake	253	1,208		1,461
Oak Brook	253	3,721		3,974
Oakbrook Terrace	253	646		899
Palatine	253	4,239		4,492
Rolling Meadows	253	2,102		2,355
Roselle	253	2,369	6,776	9,398
Salt Creek SD	253	0	6,576	6,829
Schaumburg	253	7,369		7,622
St Charles	253	117		370
South Barrington	253	1		254
Stone Park	253	143		396
Streamwood	253	340		593
Villa Park	253	2,127		2,380
Warrenville	253	2,498		2,751
Wayne	253	125		378
West Chicago	253	5,736	15,226	21,215
Westchester	253	1,395		1,648
Western Springs	253	340		593
Westmont	253	1,724		1,977
Wheaton	253	5,090		5,343
Wheaton SD	253	0	17,736	17,989
Winfield	253	1,150		1,403
Wood Dale	253	1,465	6,178	7,896
Woodridge	253	2,397		2,650
Totals	$15,433	$156,361	$312,706	$484,500

DuPage River Salt Creek Workgroup
Proposed FY 19-20 Budget
February 28, 2019

	Budget FY 19-20
Workgroup Activities Fund	
Workgroup Revenues	
Agency member dues	$468,320
Associate and individual dues	5,760
Grants	0
Interest	50,480
Total Workgroup Revenues	$524,560
Workgroup Expenses	
Administration	$264,660
Monitoring	206,340
Chloride reduction	11,000
Project identification from bioassessment work	28,170
Total Workgroup Expenses	$510,170
Net Workgroup Revenues Over Expenses	$14,390
Workgroup NPDES Permit Special Condition Project Fund	
Workgroup Project Fund Revenues	
Agency member project fund assessments	$2,888,110
Project sponsorships/local matches	0
Total Project Fund Revenues	$2,888,110
Workgroup Project Fund Expenses	
DRSCW NPDES permit special conditions projects	$599,180
Total Project Fund Expenses	$599,180
Net Grant Project Fund Revenues Over Expenses	$2,288,930
Beginning Fund Balance	$1,372,517
Ending Fund Balance	$3,675,837

Downers Grove Township
Highway Department

ELECTRONIC RECYCLING 2019

The Downers Grove Township Highway Department will continue to offer monthly electronic recycling in cooperation with AVA E-Recycling in 2019. All TV's, computer monitors and microwaves will need to have a prepaid coupon from AVA to be accepted for recycling. Prices range from ten dollars to sixty dollars and a copy of the coupon can be taken to AVA's retail store in Glendale Heights to be used as cash towards the purchase of refurbished electronic equipment. (We do not accept any audio or video cassettes or CD's or DVD's for recycling.)

Prices for recycling TV's/monitors and coupon purchases can be obtained by going to AVA's website at **www.avarecycling.com/municipal-events** and fillout the form in the bottom portion of the screen. Prices are set by AVA E-Recycling and are subject to change without notice.

Our first event of 2019 is on **January 19th,** and will run from **8:00am-12:00pm** at the **Township Highway Garage, 318 East Quincy Street, Westmont IL 60559.** Other events will follow on the third Saturday of each month at the same time and location, unless that date falls on a holiday weekend.

As always the events close promptly at noon and electronics can only be dropped off on event dates. drop offs out side of designated hours are not allowed.

For further information, please call **Downers Grove Township Highway Department at (630)719-6625.**

Thank you for recycling, Lawrence "Andy" Anderson - Highway Commissioner

#1: FILL OUT FORM #2: ADD QUANTITIES #3: PAY FEE #4: PRINT RECEIPT

WE ONLY ACCEPT RECEIPTS FROM AVA - RECYCLING!



MICROWAVES, MONITORS AND TV's WILL NOT BE ACCEPTED WITHOUT PAID RECEIPT. NO EXCEPTIONS!

QUESTIONS, PLEASE CALL: (630)719-6625

TOWNSHIP HIGHWAY GARAGE • 318 EAST QUINCY STREET • WESTMONT, IL 60559

Village of Downers Grove				
WQ RELATED EVENTS ATTENDED WITHIN REPORTING YEAR				
Name of event		Date	Number of Staff Members	
De-icing workshop		3/1/2019	6	
MS4 workshop		4/10/2019	2	
"Green Infrastructure fo MS4 Communitites"		12/13/2018	2	
"Stormwater Filter Systems"		11/29/2019	1	
"Tips and Tricks for Reducing Runoff"		7/26/2018		
Presentation - " Stormwater Issues: How the Village Can Help"			2	
East Brank Watershed Workshop - 10/3/18		10/3/2019	2	
IDOT Permeable Paver Workshop		4/18/2018	1	
Stormwater Solutions Conference		11/15 to 11/16/2018		
	"Selecting Native Plants & Erosion Control Materials for Midwestern Projects"		1	
	"Beyond the streets: Urban Green Infrastructure Solutions"		1	
	"Designing Green Infrastructure for Climate Resiliency"		1	
	"Optimizing and monitoring BMP site Selection and Design"		1	
	"Integrating Rainwater harvesting Into a Storm Water Management Plan"		1	
IAFSM Conference		3/13- 3/15/2019		
	Pollution Prevention and Good Housekeeping Plan Minimum Elements: What is Needed to Comply with the ILR40 Permit		1	
	Smart Tools for MS4s: Integrating Ecological Restoration and GIS Platforms		1	
	Opportunities for Biosolids Compost for Green Storm Infrastructure in the Chicago Area		1	
	Rock Island Drainage Assistance Program		1	
	Top 10 Lessens learned in Native Vegetation Management, from Design to Sign-off		1	

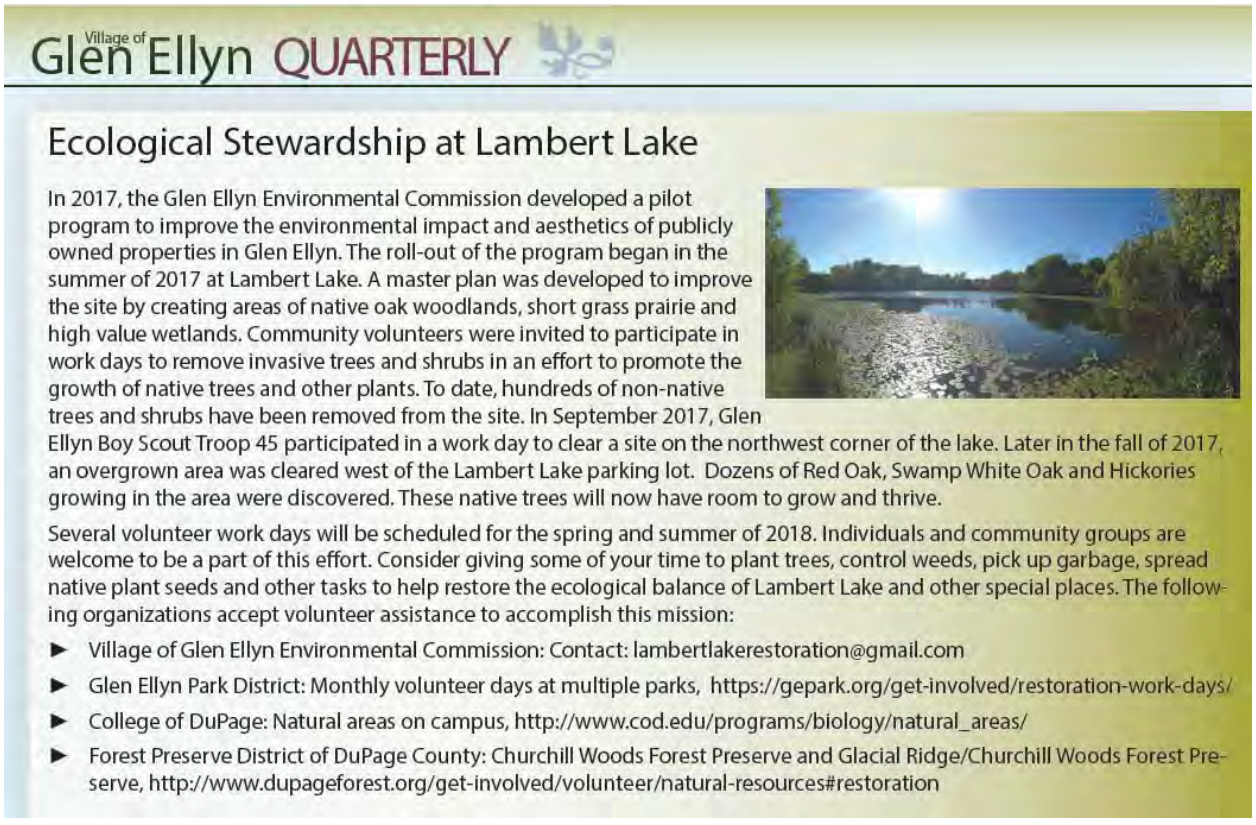
Village of Glen Ellyn

Events

- Prairie Path Clean-up & Recycle Extravaganza April 21
- Earth Day Celebration – Lake Ellyn w/ Glen Ellyn Park District April 22
- DuPage River Sweep – Churchill Woods Forest Preserve w/ Conservation Foundation May 19
- SCARCE & Glen Ellyn Public Library program "Water Conservation Made Easy" on June 7 focusing on consumption of water both indoors and outdoors, storm sewer inlet was provided for the summer for educational purposes to the Library for display in the main entry to educate about stormwater
- Tom Topor participated as a judge for the 2018 Sustainable Design Challenge on April 17.

Volunteer Opportunities

- Participated with SCARCE for the installation of 50 stormwater medallions on Village storm sewer inlets by an Eagle Scout.
- Following is from the Spring 2018 Newsletter regarding volunteer opportunities



Village of Glen Ellyn QUARTERLY

Ecological Stewardship at Lambert Lake

In 2017, the Glen Ellyn Environmental Commission developed a pilot program to improve the environmental impact and aesthetics of publicly owned properties in Glen Ellyn. The roll-out of the program began in the summer of 2017 at Lambert Lake. A master plan was developed to improve the site by creating areas of native oak woodlands, short grass prairie and high value wetlands. Community volunteers were invited to participate in work days to remove invasive trees and shrubs in an effort to promote the growth of native trees and other plants. To date, hundreds of non-native trees and shrubs have been removed from the site. In September 2017, Glen Ellyn Boy Scout Troop 45 participated in a work day to clear a site on the northwest corner of the lake. Later in the fall of 2017, an overgrown area was cleared west of the Lambert Lake parking lot. Dozens of Red Oak, Swamp White Oak and Hickories growing in the area were discovered. These native trees will now have room to grow and thrive.

Several volunteer work days will be scheduled for the spring and summer of 2018. Individuals and community groups are welcome to be a part of this effort. Consider giving some of your time to plant trees, control weeds, pick up garbage, spread native plant seeds and other tasks to help restore the ecological balance of Lambert Lake and other special places. The following organizations accept volunteer assistance to accomplish this mission:

- Village of Glen Ellyn Environmental Commission: Contact: lambertlakerestoration@gmail.com
- Glen Ellyn Park District: Monthly volunteer days at multiple parks, https://gepark.org/get-involved/restoration-work-days/
- College of DuPage: Natural areas on campus, http://www.cod.edu/programs/biology/natural_areas/
- Forest Preserve District of DuPage County: Churchill Woods Forest Preserve and Glacial Ridge/Churchill Woods Forest Preserve, http://www.dupageforest.org/get-involved/volunteer/natural-resources#restoration

Additional Information

- Village continues to offer free branch & brush pickup, leaf & yard waste pickup by sticker and curbside composting service is available
- Annual parkway tree planting program

- Routine street sweeping during warm weather months (18 cycles of the Village w/ 178 lane miles swept each cycle), street leaf pickup removed 900 cubic yards of leaves and additional sweeping in the Village's central business district (84 times) for removal of trash and debris
- Annual catch basin/inlet cleaning to address 20% of the structures each year & additional locations on an as needed basis

Village of Hanover Park

NPDES – MS4

March, 2018 – March, 2019

The following was performed during this time period:

- 349 catch basins cleaned
- 49,495 Lineal feet of storm sewer cleaned
- 99.4 Miles of streets swept, once a month from April through September, and once per week 10/1 through 11/25 for fall leaf pickup.

VILLAGE OF Hinsdale
Est. 1873

MEMORANDUM

DATE: April 4, 2019

TO: Stormwater Management Department, DuPage County

FROM: Dan Deeter, PE, Village Engineer

RE: March 2018 – March 2019 Annual MS4 Report Additional Information

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17. Additional information.

A. Storm water activities undertaken during the reporting cycle:

- Sewer separation on The Lane from Walker to Elm
- Sewer separation on Elm Street from Fourth to Sixth

B. Hinsdale Village projects during the time period:

- 2018 North Infrastructure Project
- 2018 South Infrastructure Project
- 2018 50/50 Sidewalk Project



NPDES Event/Activity Form

Name of Village Representative filling out form: Frederick Maier

Position: Environmental Services Coordinator

Title of Event/Activity: Green Day

Sponsor/Department: Village of Itasca

Date of Event/Activity: Saturday, May 5, 2018

Location of Event/Activity: Commuter Parking Lot, Irving Park Road Itasca

NPDES Type of Event/Activity, check one of the following:

_____ Public Education/Outreach (distribution of educational materials; presentations)

_____ Public Participation/Involvement (any event that includes the public in developing, implementing, updating and reviewing the stormwater management program)

__X__ Pollution Prevention/Good Housekeeping (the municipality reduces the amount and type of pollution that collects in storm sewers and ditches, as well as on streets, parking lots, open spaces, and storage and vehicle maintenance areas)

Brief Description of Event/Activity: The Village of Itasca sponsored a collection event open to the public of Itasca and surrounding communities to allow the collection and recycling of a wide range of materials.

Attendance of Event/Activity: estimated 450 cars

Duration of Event/Activity (hours): Four hours

Quantification of Event/Activity (for example: 100 brochures distributed, 15 attendees at a 20 minute presentation, 35 volunteers removing debris for 2 hours/approximately 40 garbage bags, ran the vacuum truck for 2 full business days/clearing approximately 45 catch basins/approximately 120 cubic yards). Please be as specific as possible):

8 Tons electronics, 1,300 pounds lead acid batteries, 13 pounds medicine, 400 gallons motor oil, 25 gallons antifreeze, 40 gallons cooking oil, 5.7 tons paper

Description of what this Event/Activity accomplished and/or how it prevented or reduced stormwater pollution:

By doing this collection, we properly disposed of a large variety of liquid wastes which could otherwise have been Illegally dumped down storm drains. Other items collected reduced potential wind-blown pollution. Collection of prescription drugs allowed for safe disposal, reducing contamination of effluent from local WWTP's.

Stormwater Pollution Prevention Plan (SWPPP)
Training Event Form

Training Event Name: DuPage County Stormwater meeting

Training Event Location: Itasca, IL

Trainer's or Instructor's Name(s): Mary Beth Falsey, Mark Weber Sr.

Trainer's or Instructor's Title(s): DuPage County, Village of Franklin Park

Date: May 11, 2018

Training Length (hours): 2 hours

Stormwater Training Topic: *(check as appropriate)*

- ❑ Erosion Control BMPs
- ❑ Sediment Control BMPs
- ❑ Non-Stormwater BMPs
- ☒ Reporting / Documentation
- ❑ Emergency / Spill Procedures
- ☒ Good Housekeeping BMPs
- ❑ Inspection Procedures
- ❑ Other _____

Specific Training Objective: Salt Creek and Sawmill Creek Green Infrastructure Projects and Grant Opportunities Mary Beth Falsey, DuPage County Stormwater Management;

Franklin Park Police Station: *Mark Weber, Sr. Project Engineer, Village of Franklin Park;* This project constructed BMPs to reduce stormwater volume and nonpoint source pollution.

Attendee Roster: *(attach additional pages as necessary)*

No.	Name of Attendee	Department
1	Fred Maier	Public Works
2		
3		
4		
5		



NPDES Event/Activity Form

Name of Village Representative filling out form: Frederick Maier

Position: Environmental Services Coordinator

Title of Event/Activity: River Sweep

Sponsor/Department: Village of Itasca

Date of Event/Activity: Saturday, May 19, 2018

Location of Event/Activity: Spring Brook Nature Center, River Walk, Itasca

NPDES Type of Event/Activity, check one of the following:

_____ Public Education/Outreach (distribution of educational materials; presentations)

_____ Public Participation/Involvement (any event that includes the public in developing, implementing, updating and reviewing the stormwater management program)

__X__ Pollution Prevention/Good Housekeeping (the municipality reduces the amount and type of pollution that collects in storm sewers and ditches, as well as on streets, parking lots, open spaces, and storage and vehicle maintenance areas)

Brief Description of Event/Activity: Volunteers walked along the shoreline of Springbrook Creek, collecting litter, removing branches and logs from the stream channel and floodway, cutting buckthorn and planting native trees

Attendance of Event/Activity: Forty adults, fifteen children

Duration of Event/Activity (hours): Three hours

Quantification of Event/Activity (for example: 100 brochures distributed, 15 attendees at a 20 minute presentation, 35 volunteers removing debris for 2 hours/approximately 40 garbage bags, ran the vacuum truck for 2 full business days/clearing approximately 45 catch basins/approximately 120 cubic yards). Please be as specific as possible):

One mile of streambank shoreline cleaned, ½ acre of riparian habitat cleared of buckthorn,

Description of what this Event/Activity accomplished and/or how it prevented or reduced stormwater pollution:

Removal of debris and branches eliminates litter and reduces the chance of blockages forming in the stream

Removal of buckthorn and planting of native species reduces erosion and cuts down on sedimentation.



NPDES Event/Activity Form

Name of Village Representative filling out form: Frederick Maier

Position: Environmental Services Coordinator

Title of Event/Activity: Tree Planting

Sponsor/Department: Itasca Public Works

Date of Event/Activity: Wednesday, June 6, 2018

Location of Event/Activity: Village of Itasca Springbrook Nature Center

NPDES Type of Event/Activity, check one of the following:

_____ Public Education/Outreach (distribution of educational materials; presentations)

_____ Public Participation/Involvement (any event that includes the public in developing, implementing, updating and reviewing the stormwater management program)

_X_ Pollution Prevention/Good Housekeeping (the municipality reduces the amount and type of pollution that collects in storm sewers and ditches, as well as on streets, parking lots, open spaces, and storage and vehicle maintenance areas)

Brief Description of Event/Activity: Local Boy Scout Troop 409 planted 100 baby oak trees in the floodplain of Springbrook Creek on Nature Center property. They also cleared out invasive buckthorn trees from the same area.

Attendance of Event/Activity: 6 adults, 14 scouts

Duration of Event/Activity (hours): ~ 2.5 hours (some scouts came late or left early due to personal scheduling conflicts).

Quantification of Event/Activity (for example: 100 brochures distributed, 15 attendees at a 20 minute presentation, 35 volunteers removing debris for 2 hours/approximately 40 garbage bags, ran the vacuum truck for 2 full business days/clearing approximately 45 catch basins/approximately 120 cubic yards). Please be as specific as possible): 100 tree seedlings planted on one acre of property; ~ 200 buckthorn trees removed.

Description of what this Event/Activity accomplished and/or how it prevented or reduced stormwater pollution: By replacing non-native buckthorn with native oaks, the soil in this woodland floodplain will be stabilized. Oaks allow groundcover and shrub vegetation to grow, while buckthorn eliminates any other vegetation from growing near it.



NPDES Event/Activity Form

Name of Village Representative filling out form: Frederick Maier

Position: Environmental Services Coordinator

Title of Event/Activity: Sheriff Work Alternative Program (SWAP) Work day

Sponsor/Department: Village of Itasca

Date of Event/Activity: Tuesday, August 14; 9:00 am – 3:00 pm

Location of Event/Activity: Springbrook Nature Center

NPDES Type of Event/Activity, check one of the following:

_____ Public Education/Outreach (distribution of educational materials; presentations)

_____ Public Participation/Involvement (any event that includes the public in developing, implementing, updating and reviewing the stormwater management program)

__X__ Pollution Prevention/Good Housekeeping (the municipality reduces the amount and type of pollution that collects in storm sewers and ditches, as well as on streets, parking lots, open spaces, and storage and vehicle maintenance areas)

Brief Description of Event/Activity: Creek and litter clean-up

Attendance of Event/Activity: 13 adults

Duration of Event/Activity (hours): 6 hours

Quantification of Event/Activity (for example: 100 brochures distributed, 15 attendees at a 20 minute presentation, 35 volunteers removing debris for 2 hours/approximately 40 garbage bags, ran the vacuum truck for 2 full business days/clearing approximately 45 catch basins/approximately 120 cubic yards). Please be as specific as possible): ___

½ mile of creek cleaned, 1 mile of River Walk cleaned

Description of what this Event/Activity accomplished and/or how it prevented or reduced stormwater pollution: _____

Volunteers walked the shoreline of Springbrook Creek and the nearby Nature Trails, removing snags and collecting litter.



NPDES Event/Activity Form

Name of Village Representative filling out form: Frederick Maier

Position: Environmental Services Coordinator

Title of Event/Activity: Canon Volunteers

Sponsor/Department: Village of Itasca

Date of Event/Activity: Saturday, September 22, 9:00 am - noon

Location of Event/Activity: Springbrook Nature Center

NPDES Type of Event/Activity, check one of the following:

- _____ Public Education/Outreach (distribution of educational materials; presentations)
- _____ Public Participation/Involvement (any event that includes the public in developing, implementing, updating and reviewing the stormwater management program)
- __X__ Pollution Prevention/Good Housekeeping (the municipality reduces the amount and type of pollution that collects in storm sewers and ditches, as well as on streets, parking lots, open spaces, and storage and vehicle maintenance areas)

Brief Description of Event/Activity: Creek and litter clean-up, seed sowing

Attendance of Event/Activity: 17 adults, 4 children

Duration of Event/Activity (hours): 3 hours

Quantification of Event/Activity (for example: 100 brochures distributed, 15 attendees at a 20 minute presentation, 35 volunteers removing debris for 2 hours/approximately 40 garbage bags, ran the vacuum truck for 2 full business days/clearing approximately 45 catch basins/approximately 120 cubic yards). Please be as specific as possible): ___

½ mile of creek cleaned, 1 mile of River Walk cleaned, 1 acre of prairie overseeded.

Description of what this Event/Activity accomplished and/or how it prevented or reduced stormwater pollution: _____

Volunteers walked the shoreline of Springbrook Creek and the nearby Nature Trails, removing snags and collecting litter. The group also collected native prairie seed from Nature Center grounds and seeded it in areas that are being managed to become prairie. Prairies are very effect at absorbing nutrients, and promoting rapid soil percolation, reducing erosion and water pollution.



NPDES Event/Activity Form

Name of Village Representative filling out form: Frederick Maier

Position: Environmental Services Coordinator

Title of Event/Activity: Grease Collection

Sponsor/Department: Village of Itasca, Public Works

Date of Event/Activity: Saturday, November 24, 2018

Location of Event/Activity: Itasca Village Hall, 550 W. Irving Park Road, Itasca, IL

NPDES Type of Event/Activity, check one of the following:

_____ Public Education/Outreach (distribution of educational materials; presentations)

_____ Public Participation/Involvement (any event that includes the public in developing, implementing, updating and reviewing the stormwater management program)

__X__ Pollution Prevention/Good Housekeeping (the municipality reduces the amount and type of pollution that collects in storm sewers and ditches, as well as on streets, parking lots, open spaces, and storage and vehicle maintenance areas)

Brief Description of Event/Activity: The Village of Itasca sponsored a cooking fats, oils and grease (FOGs) collection on the Saturday following Thanksgiving to provide local residents with a convenient method of getting rid of used FOGS.

Attendance of Event/Activity: 8 residents

Duration of Event/Activity (hours): 3 hours

Quantification of Event/Activity (for example: 100 brochures distributed, 15 attendees at a 20 minute presentation, 35 volunteers removing debris for 2 hours/approximately 40 garbage bags, ran the vacuum truck for 2 full business days/clearing approximately 45 catch basins/approximately 120 cubic yards). Please be as specific as possible): ___

26 gallons of FOGS

Description of what this Event/Activity accomplished and/or how it prevented or reduced stormwater pollution: _____

By providing a convenient method of disposing of FOGs, we actively discourage illegal dumping of FOGs into storm sewers.



Flood Warning Systems
Flood Insurance
Floodplain Maps
Protect You & Your Property from Flooding
Rain Gardens / Rain Barrels
Sandbags
Village Flood Services
Floodplain Information Program Committee

CODE RED
ONLINE PAYMENTS
CONNECT WITH US
COMMUTERS
TRANSPARENCY
REPORT A CONCERN

Rain Gardens / Rain Barrels



Benefits of Rain Gardens

Planting colorful rain gardens on your property to absorb storm water is a beautiful way to reduce runoff from your property and help replenish groundwater.

The colorful native plants used in a rain garden have deep roots, which absorb runoff water. The are also resilient plants that need little attention. Rain gardens add color to your landscape and help keep wet areas of the yard drier.

Rain gardens can be located in an existing low areas which slope downward away from a patio, driveway, or gutter downspout.

Rain Barrels: A Great Way to Help the Environment

Installing rain barrels is a great way to help both you and the environment by:

- Reducing storm water runoff
- Providing water for your flowers, lawn and vegetables
- Decreasing your water bill

Once a rain barrel is installed, rain water that falls on the roof is diverted from the gutter system into the rain barrel. This water can then be used to water the garden, grass, wash your car, etc. Rain barrels can be decorated so they become a visually appealing part of your landscape.

The Village of Lisle and the Conservation Foundation have coordinated with Upcycle Products Inc. to provide rain barrels for Lisle residents. Rain barrels can be purchased for home delivery using the link below:

Purchase a Rain Barrel Online

Rain Barrel Mail Order Form

Contact Us

Development Services Department
925 Burlington Ave.
Lisle, IL 60532
Directions
Email

Ph: 630-271-4107
Fx: 630-271-4555

Hours
Monday - Friday
7 a.m. - 4:30 p.m.

Staff Directory

Quick Links

- Blue Thumb - Planting for Clean Water
- Build Your Own Rain Garden
- DuPage County Rain Barrels
- Rain Gardens: A How-to Manual for Homeowners
- The Conservation Foundation: Conservation@Home Program

View All

Lisle Flood Awareness Meeting

Thurday, April 19 - 7:00 p.m.
Village Hall Board Room
925 Burlington Ave., Lisle, IL

- **DuPage County Stormwater Management**
  DuPage River Feasibility Study Update
- **Village Staff**
  How do stormsewers and levees work?
  Why do sanitary sewers overflow?
  Status of revised floodplain mapping
- **Conservation Foundation**
  State of the DuPage River

Hosted by the Village of Lisle
Questions? Call: (630) 271-4107
Email: msucoe@villageoflisle.org

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All Are Welcome!

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VILLAGE NEWSLETTER

SPRING 2018



Upcoming Events

Friday, April 27th - **Arbor Day Celebration**
Thursday, May 17th - **Police Department Open House and Public Works Touch a Truck event**
Saturday, May19th - **DuPage County River Sweep**
Saturday, May 26th – **Dragonfly Landing Splash Pad opens!**
Monday, May 28th – **The Memorial Day Parade**
(more details for each event inside)





Planting a Tree Offers Many Benefits

Thinking of planting a tree? Spring is an excellent time for planting. With proper planting practices and care, trees can lead to a multitude of benefits. Trees can contribute to a higher quality of life by providing scenic backdrops, complimenting architecture, and bringing natural elements and wildlife habitats into urban surroundings. Property values also often increase on lots with trees.

Direct economic benefits associated with trees include the reduction of heating and cooling costs. Trees act as shade to cool your home in the summer and act as a windbreak to help with heating costs in the winter months. Additional benefits of trees include improving air quality and reducing storm water runoff.

This spring, the Village encourages residents to consider improving your property by properly planting a tree. The Village Forester, Jeremy Lake, can be reached at jlake@villageoflisle.org or (630) 271-4175 to assist you with questions regarding trees. In addition, the Morton Arboretum is an excellent resource for additional information on trees.

Flood Awareness Open House April 19th

The Village of Lisle will host a Flood Awareness Open House on April 19, 2018 from 7:00 p.m. to 8:30 p.m. at Lisle Village Hall, 925 Burlington Avenue. An update on the DuPage River Feasibility Study will be provided for attendees and flood protection products will be on display. Vendors will be present to assist with information on these products. Village staff members will be available to answer questions about flood preparedness and recovery, and will discuss the revised Flood Insurance Rate Maps and Substantial Improvement regulations.


FLOOD READY

VILLAGE OF LISLE

HISTORY OF FLOODING IN LISLE

In 2013, Lisle experienced the highest recorded flood in its history. As torrential downpours caused the river to rise, storm sewer flap gates closed to stop the river from backing up. Stormwater accumulated behind the levees and eventually the pump stations, which pump this water back over the levees, flooded. St. Joseph Creek flowed over its banks and the East Branch of the DuPage River flowed over sections of the levees. Flooding reached up to and even beyond the mapped 100-year or regulatory floodplain.

Lisle's location on a river and its tributaries has resulted in a long history of flooding. Early records show flooding occurred every few years before the levees were built in the 1960's. Floods were recorded in 1948, 1950, 1954 and 1957. Once the levees were constructed, flooding occurred approximately every ten years; 1972, 1987, 1996, twice in 2008 and again in 2013.

MANAGING STORMWATER

Controlling stormwater begins with managing the water flowing from roofs and yards through swales, roadside ditches and storm sewers. Eventually this water flows into our creeks and the East Branch of the DuPage River.

To help control this water, look at how water drains around your home. Sediment can build up, ground can settle, and landscaping can change drainage patterns. Check downspouts and sump pump discharges to make sure they are draining away from foundations.

The DuPage County Stormwater and Floodplain Ordinance, along with Lisle's codes and permit requirements, helps the Village manage stormwater in the community. Permits are required for most work. Check with the Village before building on, altering, regrading, or placing fill on property. Dumping in ditches, creeks and the river is a violation of Lisle Code (Chapter 84-1-1). Report debris or dumping to Village's Community & Economic Development Department at (630) 271-4150.

Intersection of Rt. 53 and Burlington Ave.

Lisle Public Works crews keep the storm drainage system functioning properly by clearing debris from inlets and reshaping ditches. They also inspect public detention basins and storm sewer outfalls to the river three times a year.

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Tips on Helping to Keep our River Clean

Keeping the curb line, roadside ditches and creeks clean of debris can help to reduce local flooding and improve the river's water quality. When leaves, grass clippings and other yard waste makes its way into stormwater, it tends to settle in detention basins, block culverts and clog storm sewer inlets. Yard waste also contributes nutrients to the water and can lead to algae blooms that are unsightly and have detrimental impacts on wildlife.

Here are some easy to follow tips:

- Report any dumping of large debris in the river or ditches to the Village Public Works Department at (630) 271-4170. Pollution of waterways and ditches is in violation of Village Code (8-1-1).
- Compost your yard waste away from any area that stormwater passes through or set it out to be collected at the curb.
- Collect and bag pet waste and place in the trash.
- If your property is next to a creek, detention pond or the river, keep the banks clear of trash and debris.
- Refrain from fertilizing within ten feet of any creek or pond on your property.
- Read the labels of fertilizers and pesticides and apply judiciously. Consider reducing your use or organic options.



East Branch, DuPage River

Be a River Sweep Volunteer! May 19th

The annual Conservation Foundation's DuPage County River Sweep will take place on Saturday, May 19th, from 9:00 a.m. to 12:00 p.m. The purpose of the River Sweep is to encourage volunteers to help by picking up debris in and along the local waterways and restoring nearby land back to its natural state. Individual volunteers may request being assigned to a group or may work independently in an area of their choosing. Volunteers can sign up online by visiting www.theconservationfoundation.org. Individuals with questions can contact Village Stormwater Administrator, Marilyn Sucoe, at (630) 271-4107 or msucoe@villageoflisle.org.



The Month of May is Building Safety Month

The Month of May is Building Safety Month, a public awareness campaign targeted at helping individuals, families and businesses understand what it takes to create safe and sustainable buildings. In support of this effort, the Village offers the following tips to keep you and your home or business safe:

- **Check your Smoke Detectors –** Replace smoke detectors every 10 years and if needed, replace batteries that are spent. Add detectors on every level of your home and in each bedroom.
- **Install a Carbon Monoxide Detector –** Make sure you have a CO detector within 15 feet of every sleeping room in your home.
- **Use Electrical Cords Safely –** Overloaded outlets and undersized electrical extension cords can create a fire or electrocution danger. Electrical cords and power strips have a designated load capacity. Never overload electrical cords or power strips, and don't use appliances that have damaged cords.
- **Have an Escape Plan –** During a home emergency, such as a fire, it is important that all occupants are able to get out and that emergency personnel are able to get in. Have a plan for exiting your home and make sure hallways are clear of obstructions to allow for safe exiting.



Village Continues to Reduce Flood Losses

The Village of Lisle continued efforts to mitigate flooding this winter, which included arranging for the elevation of five floodplain homes. With assistance from a Federal Emergency Management Agency (FEMA) grant, these homes are scheduled to be elevated later this year and will entail placing the existing homes on raised foundations. The raised foundations are designed to allow floodwaters to flow under the elevated home. The new, lower portion of the home will be restricted to storage only. The demolition of two more homes was completed this winter, bringing the total of homes demolished by the Village and DuPage County to twenty two. Those interested in learning more about these projects, or other flood mitigation efforts, are encouraged to attend the Flood Awareness Open House on April 19th, from 7:00 p.m. to 9:30 p.m., at the Lisle Village Hall, 925 Burlington Avenue.



Mayor Announces 2018 Community Spirit Award Recipients

At this year's State of the Village Address, Mayor Chris Pecak announced that Trinity Lutheran Church and members Rita Pereira and Amy Narot were the recipients of this year's Community Spirit Award. The award recognizes outstanding service to the community. In his presentation of the awards, Mayor Pecak highlighted how Trinity Lutheran Church opened its doors to serve as a shelter during the October 2017 Flood and served as a collection site for donations for flood-affected families. Both Rita Pereira and Amy Narot organized and participated in neighborhood cleanup efforts and managed the donation process. Congratulations to this year's winners!

Construction or Landscaping Projects? Check Permitting When Making Your Plans

Spring is a popular time to begin projects around the house and yard. Whether you are considering a kitchen remodel, a new patio, installing a shed, or another improvement, it is important to check if a building permit is required. The Village encourages everyone to be a good neighbor by researching whether a permit is required prior to beginning your project.



Projects as simple as installing new landscaping may require a permit, particularly if your property is located in a flood-plain. (Adding dirt or fill to your property can unknowingly result in flooding of adjacent properties). Following local building codes helps ensure projects are completed safely, do not pose hazards, and helps to avoid costly expenditures to correct problems that could have been easily avoided. Following building codes may also assist with selling a home or business, as many potential purchasers now review building permit records prior to making a purchasing decision.

The Village's Development Services Department is responsible for administering the permitting process. Staff is available to review your plans, determine if a permit is required and provide an overview of the permit application process when needed. Contact staff at (630) 271-4150 to discuss your project or review permit information and applications online at www.villageoflisle.org/buildingpermits. As a reminder, always call 811 to locate utility lines before digging.

VILLAGE NEWSLETTER

Winter 2018

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Celebrate the Holidays in Downtown Lisle!

There are so many activities going on in downtown Lisle on December 1 – 2, 2018! See below for a list of these family-friendly events as the holiday season gets into full swing.

Saturday, December 1, 2018

3:00 p.m. – 8:00 p.m. Once Upon a Christmas Celebrate with the Lisle Park District and the Lisle Heritage Society at The Museums at Lisle Station Park, 921 School Street! Activities include brick-oven baking, holiday wagon rides, blacksmithing, model railroad trains on display, crafts, music and more.

3:00 p.m. – 5:00 p.m. Villa St. Benedict's, "Let Your Love Shine On" Enjoy the 3rd Annual Memorial Luminary Illumination display at the Villa St. Benedict Campus, 1920 Maple Avenue.

continued on page 2

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Help Prevent Flooding During Winter Months

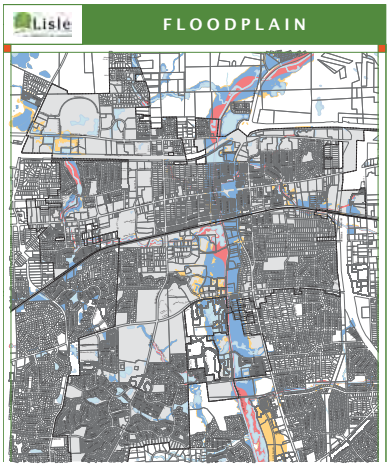


Prepare for the winter by ensuring storm drains on your property are free of leaves and branches! Sudden thaws of a heavy snow pack, along with rain during winter months, can produce large amounts of water runoff in a short period of time. Because the ground is hard and oftentimes still frozen from low winter temperatures, water cannot penetrate the ground to be reabsorbed. When this occurs, the water then runs off the surface and flows into streams and rivers. This can be exacerbated by fall leaves and branches obstructing storm drains on properties, or on the streets in front of homes. Please report obstructed storm drains in the street to the Village's Public Works Department at **630-271-4170**. Residents in areas that are susceptible to winter flooding should prepare in advance for flood conditions.

These preparations should include:

- Purchasing a flood insurance policy if you do not already have one
- Reviewing the current insurance policy and becoming familiar with what is and is not covered
- Making a flood plan, which includes evacuation routes and keeping important papers in a safe, waterproof place
- Itemizing and taking pictures of possessions

Floodplain Maps and Insurance Information



Floodplain maps, called Flood Insurance Rate Maps (FIRMs), show the location of the regulatory floodplain in Lisle. The function of these maps is to establish premiums for flood insurance. Review the floodplain maps on the Village of Lisle website, at Village Hall, at the Lisle Library District, and on FEMA's Map Service Center website at **msc.fema.gov/portal/home**.

Flood insurance is available to everyone, and covers losses when water enters a home through the foundation, window wells or doorways. Coverage can be added to a homeowner's policy for other sources of water damage, such as basement seepage, sanitary backup and sump pump overflow. Remember that flood insurance takes 60 days to go into effect. Individuals interested in flood insurance are encouraged to reach out to their insurance agent.

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VILLAGE NEWSLETTER

WINTER 2017-2018



Celebrate the Holidays in Lisle!

- Enjoy the beautiful Lights of Lisle Festival on December 2 & 3. Review the detailed two-day schedule of activities in this issue.
- New this year, a "Merry on Main" Holiday Walk presented by downtown businesses.

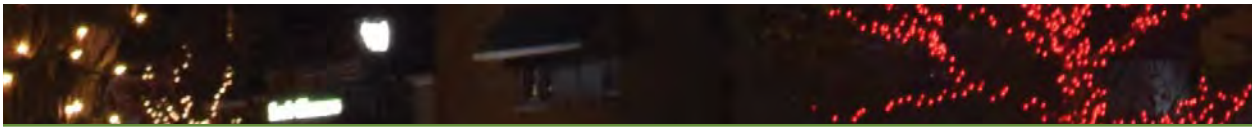
Shop Local / Shop Lisle

Remember to "Shop Local" this holiday season and take advantage of the many, high quality businesses offering distinctive products/services. There's no need to leave "home" to surprise your special someones with wonderful holiday gifts and Lisle businesses will appreciate your loyalty.



Congratulations!

Lisle resident Patrick Reilley used the amazing backdrop of the Lights of Lisle Festival to propose to Melanie Olson. She said "Yes" and the couple is planning a 2018 wedding.



Is My Home or Business Located in the Floodplain?



Floodplain maps, called Flood Insurance Rate Maps (FIRMs), show the location of the regulatory floodplain in Lisle. These maps establish premiums for flood insurance. Review the floodplain maps on the Village of Lisle website, at Village Hall, at the Lisle Library and on FEMA's Map Service Center website, msc.fema.gov. Village staff can also determine if a property is located in the regulatory floodplain and discuss your risk. Call or email the property address to Village Stormwater Administrator Marilyn Sucoe at (630) 271-4107 or msucoe@villageoflisle.org.

Flood insurance is available to everyone; talk with your insurance agent about getting a policy. Flood insurance covers losses when water enters your home through the foundation, window wells or doorways. You can add coverage to your homeowner's policy for other sources of water damage such as basement seepage, sanitary backup and sump pump overflow. Remember that flood insurance takes sixty days to go into effect and, as the recent flooding in Lisle demonstrated, flooding can happen at any time throughout the year.

Go on a "Low Salt Diet"

Each year, tons of salt are used to melt ice on roads and sidewalks in the Midwest. As this salt/ice mixture melts, much of it drains into storm sewers, which flow directly into rivers and streams. While chlorides may become diluted, they never degrade or break down. One tablespoon of salt contaminates five gallons of water and has an immediate, negative impact on the environment. Chlorides produce a salty taste in drinking water; harm vegetation and wildlife; and corrode vehicles, roads and sidewalks. Reducing the use of road salt is good for our pocketbooks and the environment. To follow the "Low Salt Diet:"

- Shovel or use a snow blower before applying any product; never put a de-icing product on top of snow.
- Apply just enough product to keep high traffic areas clear of ice.
- Sweep up undissolved product after a storm and reuse as needed.
- Switch to a chloride-free, de-icing product.
- Inform neighbors about the negative impact chlorides have in our waterways

To learn more, visit drscw.org/chlorides/DRSCWhomeowners.pdf

THE NATIVE PLANTS OF PRAIRIEWALK POND



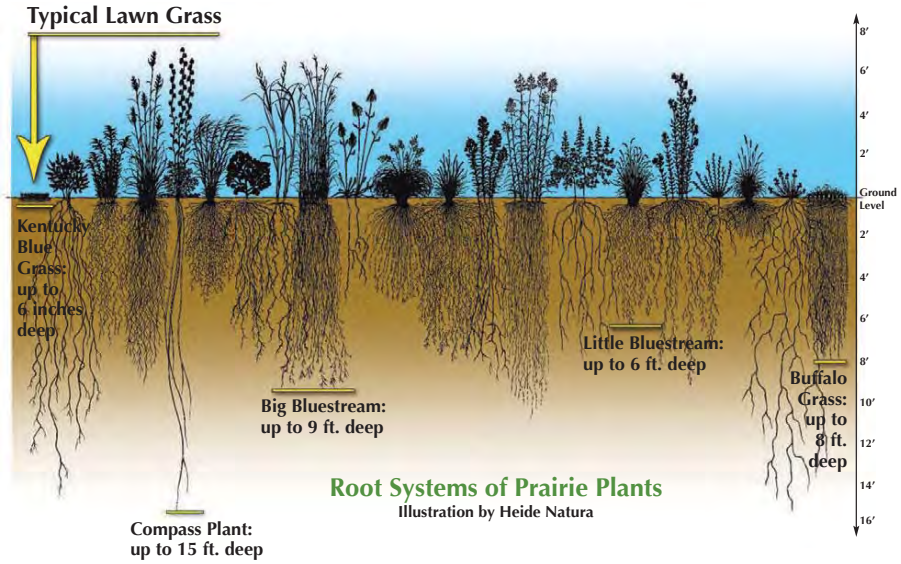
Twelve Spotted Skimmer Dragonfly

Native Plants Have Deep Roots

While lawn grass roots are only a few inches long, native plant roots can grow down to 16 feet! Lisle's dense clay soils prevent water from soaking into the ground quickly, especially when covered with lawn grass. As a result, run off water enters storm sewers which transport it – untreated – to nearby rivers and streams. Even small amounts of pollution in stormwater can add up to big problems.

Native plants' deep roots help prevent this from occurring. They hold the soil in place and greatly improve its ability to absorb and filter water, removing pollutants before they enter our rivers and streams.

PrairieWalk Pond contains more than 100 different types of native plants, grasses, shrubs and trees. Different types of vegetation were used for the wetland, shoreline, grassy areas, basin slope and children's play area.



Root Systems of Prairie Plants
Illustration by Heide Natura

Native Plants are Kind to the Environment

During the dry summer months, native root systems reach deep into the ground to find water, making them more drought resistant than non-natives. **(Non-native lawns require regular watering, which accounts for 30% – 60% of urban fresh water use).**

Native plants require very little maintenance and do not need mowing. **(Using a lawn mower for one hour pollutes as much as driving 40 cars for one hour).**

Native plants do not need fertilizers or pesticides. They have evolved and adapted natural defenses to local conditions such as nutrient poor soil, harsh winters, disease and insects. **(U. S. lawns receive 67 million pounds of pesticides each year. Phosphorus from fertilizers runs off into lakes and streams, creating algae blooms which harm native plant life and can kill large numbers of fish).**

We all benefit by the reduction of non-native lawn grass and the increased use of native plants.



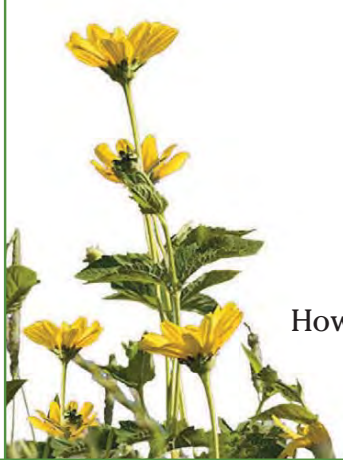
Observe the variety of colorful native plants used throughout PrairieWalk Pond.

Native Plant Areas - Grocery Stores for Wildlife

Native plants restore biodiversity – the number or variety of different species in an area. Different species of wildlife have different needs, eating different foods, living in different habitats and releasing their young in different places. Even relatively small diverse habitats such as PrairieWalk Pond support biodiversity.

This native plant area provides:

- Food for birds, bees and butterflies from seeds and nectar
- Food for frogs and dragonflies from insects
- Food for wading birds from insects and frogs
- Shallow wet spots for butterflies to safely drink water
- Hollow sticks for bees and wasps to live in
- Protected warm basking sites for turtles and other reptiles



How are native plant seeds spread – do they parachute on the wind, hitchhike on clothes or fur or explode like a cannonball? Visit **www.villageoflisle.org/discover** to learn more.




NO DUMPING
DRAINS TO WATERWAY


NO DUMPING

Event Details

View Map

DuPage County River Sweep

Saturday, May 19, 2018

The annual DuPage County River Sweep is a county-wide 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.

For more information or to register please contact The Conservation Foundation

Date:	May 19, 2018
Time:	9:00 AM
Address:	Lisle, IL 60532
Link:	The Conservation Foundation (http://www.theconservationfoundation.org. PageID=10)

OUTFALL INSPECTION CHECKLIST

Part #1 East Branch DuPage River - Maple Ave. to Warrenville Rd. **Inspections: March 11, 2019 July: October:**

Date: 3-11-19

Completed By: Sal

		Flapgates				Inlets		Headwall		Jet Pipe		Discharge				Comments:
#	Location	Oiled	Greased	Working	Not Working	Clear	Not Clear	Clear	Debris	Yes	No	Yes	Odor	Color/ Turbidity	Floatables	
1	Driving Range			X							X	X	NO	CLEAR	NO	CLEAR
2	Driving Range			X							X					LUBED
3	End of Eisenhower							X			X	X	NO	CLEAR	NO	CLEAR
4	Driving Range 316' from start of fence			X							X	X	NO	CLEAR	NO	LUBED
5	Driving Range 364' from start of fence			X							X	X	NO	CLEAR	NO	CLEAR
6 A	West side of river approximately 10 ft. south of # 6							X			X	X	NO	CLEAR	NO	CLEAR
6	West side of river (approx. 30' south of property line							X			X	X	NO	CLEAR	NO	CLEAR
7	30' N. of Park Dist. Bridge on east side			X							X	X	NO	CLEAR	NO	LUBED
8	50' S. of S.W. Short St.					X					X					CLEAR
9	S.E. corner of bridge	X		X							X	X	NO	CLEAR	NO	LUBED
10	S.E. corner of bridge	X		X							X	X	NO	CLEAR	NO	LUBED
11	N.W. corner Short St. Bridge 30' north					X					X					CLEAR
12	N.W. side of River					X					X					CLEAR
13	N. of bridge E. side			X							X					LUBED
13A	Open Channel on Riverview					X					X					CLEAR
14	N. of bridge E. side			X												LUBED
15	S. of R.R. Bridge E. side			X							X					LUBED

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Completed By: Sal

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#	Location	Oiled	Greased	Working	Not Working	Clear	Not Clear	Clear	Debris	Yes	No	Yes	Odor	Color/ Turbidity	Floatables	
16	S.E. side R.R. bridge D.G. sanitary outflow							X			X	X				WORKING
17	N.E. side of R.R. bridge			X							X					CLEAR
18	N.E. side R,R. bridge							X			X					CLEAR
19	N.E. side of R.R. bridge			X							X					CLEAR
20	N.W. side R.R. bridge			X							X					LUBED
21	S.W. of Burlington Bridge			X							X					LUBED
22	S.E. of Burlington Bridge			X							X					LUBED
23	N.W. of Burlington Bridge			X							X					LUBED
24	N.E. of Burlington Bridge			X							X					LUBED
25	N. of Burlington Bridge west side			X							X					LUBED
25A	N. of Burlington Bridge west side					X					X					CLEAR
26	N. of Burlington Bridge east side			X							X					LUBED
26A	N. of Burlington Bridge east side					X					X					CLEAR
27	70' S. of Ogden Ave. bridge			X							X					CLEAR
28	80' S. of Ogden Ave. bridge			X							X					LUBED
29	S. of Ogden W. side	X		X							X					LUBED
30	E. side S. of Ogden bridge			X							X					LUBED

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#	Location	Oiled	Greased	Working	Not Working	Clear	Not Clear	Clear	Debris	Yes	No	Yes	Odor	Color/ Turbidity	Floatables	
31	E. side S. of Ogden bridge			X							X					LUBED
31A	Open Channel S. of Ogden							X			X					CLEAR
32	N.W. of Ogden Ave. bridge			X							X					LUBED
33	N.E. of Ogden bridge			X							X					LUBED
34	N. of #33 on W. side silt box			X							X					DEBRIS
35	N. of Ogden W. of St. Joseph Creek			X							X					DEBRIS
36	W. side of Lacey			X							X					LUBED
36A	W. side of Lacey			X		X					X					CLEAR
37	W. side S. of Middleton ROW			X							X					LUBED
38	50' S. of St. Joe Creek			X							X					LUBED
39	50' E. of DuPage River			X							X					CLEAR
40	E. side of DuPage River at Lacey			X							X					LUBED
40A	E. side of DuPage River at Lacey					X					X					CLEAR
41	E. side of DuPage 185' N of # 40			X							X					LUBED
42	E. side DuPage River S. of Middleton			X							X					LUBED
42A	E. side DuPage River S. of Middleton			X							X					LUBED
43	N.E. side of Dum. N. side			X							X					LUBED

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Date: 3-11-19

Completed By: Sal

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#	Location	Oiled	Greased	Working	Not Working	Clear	Not Clear	Clear	Debris	Yes	No	Yes	Odor	Color/ Turbidity	Floatables	
44	S.W. side of Dumoulin			X							X					LUBED
45	E. of #44			X							X					LUBED
46	S.W. side of Dumoulin W. # 45							X			X					CLEAR
47	S.W. side of Dumoulin W. # 46			X							X					LUBED
48	N.E. side of Lincoln N. side of Creek			X							X					WASN'T ABLE TO FIND IT
49	S.W. side of Creek on Lincoln							X			X					CLEAR
50	N.W. side of Creek across from #49							X			X					CLEAR
51	N.W. corner of Lincoln and Lacey					X					X					CLEAR
51 A	Just North of #51							X			X					LUBED
52	S.W. side of bridge on Main St. next to 4506							X			X					CLEAR
53	N.W. side of bridge across from #52							X			X					CLEAR
54	N.E. side of bridge							X			X					CLEAR
55	N.W. side of Creek near 4521 Center Avenue					X					X					CLEAR
55A	Open Channel on Center					X					X					CLEAR
56	Behind 917 Middleton					X					X					CLEAR
57	Behind 912 Lacey							X			X					CLEAR
58	South side of Ogden Ave. in bridge wall							X			X					CLEAR

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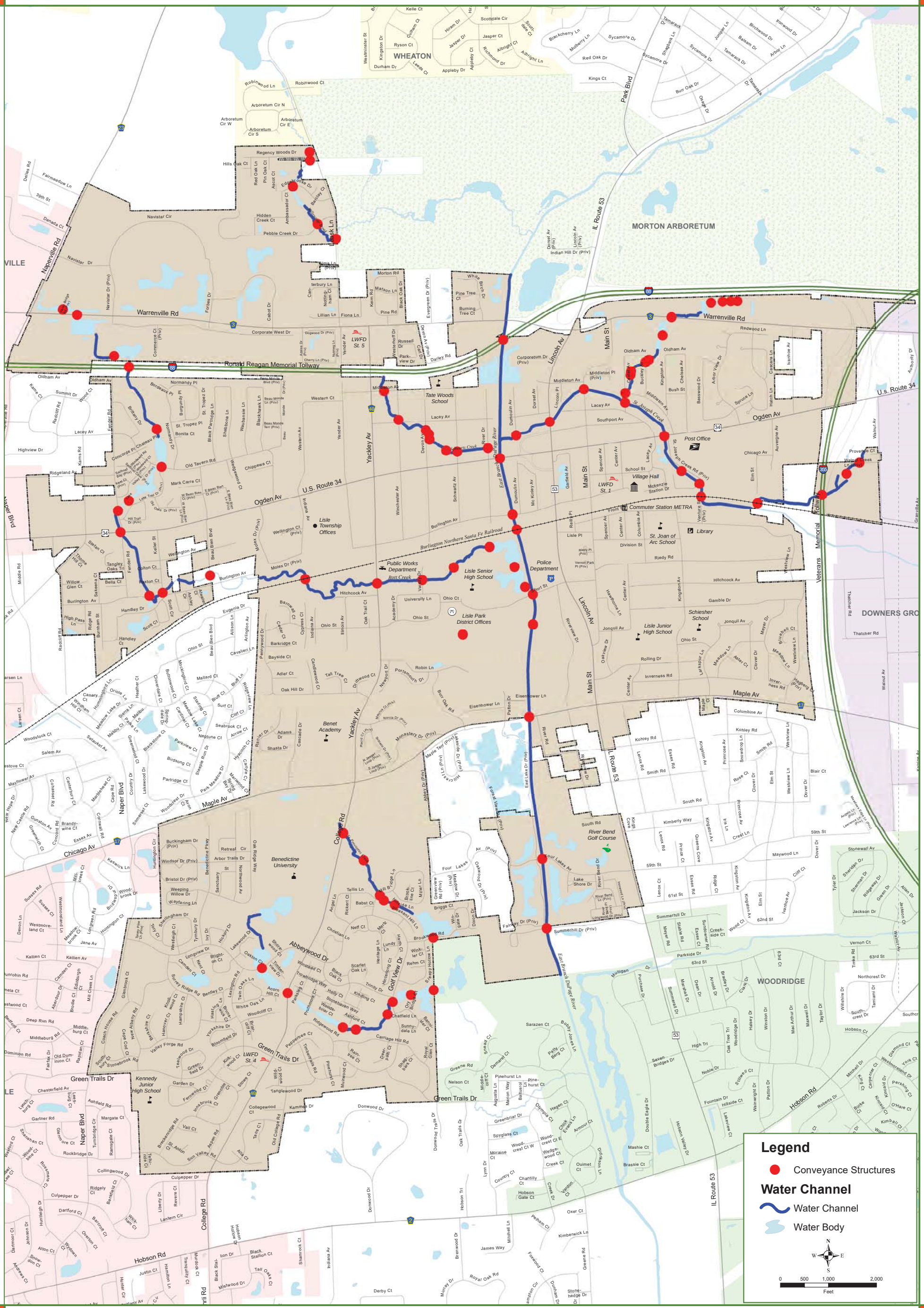
Date: 3-11-19

Completed By: Sal

		Flapgates				Inlets		Headwall		Jet Pipe		Discharge				Comments:
#	Location	Oiled	Greased	Working	Not Working	Clear	Not Clear	Clear	Debris	Yes	No	Yes	Odor	Color/ Turbidity	Floatables	
58 A	North side of Ogden west side of creek							X			X					CLEAR
58 B	North side of Ogden west side of creek								X		X					CLEAR
58 C	North side of Ogden east side of creek							X			X	X				CLEAR
58 D	S. side of Ogden W. side of creek			X							X					LUBED
59	St. Joseph Creek Apt. 1st							X			X					CLEAR
60	By double speed bumps							X			X					CLEAR
61	1st Building after Curve look in C.B. in curb							X			X					CLEAR
62	Between the 2 Buildings look for C.B. in curb							X			X					CLEAR
63	100' S. of bridge on E. side							X			X					CLEAR

Lisle
THE ARBORETUM VILLAGE

CONVEYANCE SYSTEM INSPECTIONS


WHEATON
MORTON ARBORETUM
DOWNERS GRO
WOODRIDGE
Ronald Reagan Memorial Tollway
Warrenville Rd
Ogden Av
U.S. Route 34
Naperville Rd
Naper Blvd
Yackley Av
Main St
Lincoln Av
IL Route 53
Park Blvd
Veterans Memorial Tollway
Maple Av
Chicago Av
Hobson Rd
Green Trails Dr
Abbeywood Dr
College Rd
Burlington Northern Santa Fe Railroad
Commuter Station METRA
Lisle Township Offices
Public Works Department
Police Department
Lisle Park District Offices
Lisle Senior High School
Lisle Junior High School
Schiesher School
St. Joan of Arc School
Library
Village Hall
Post Office
LWFD St. 1
LWFD St. 4
LWFD St. 5
Tate Woods School
Benet Academy
Benedictine University
Kennedy Junior High School
River Bend Golf Course
East Branch DuPage River
St. Joseph Creek
Rott Creek
Regency Woods Dr
Hidden Creek Ct
Pebble Creek Dr
Navistar Cir
Navistar Dr
Corporate West Dr
Lillian Ln
Fiona Ln
Morton Rd
Pine Rd
Lacey Av
Western Ct
Oldham Av
Middleton Av
Middleton Pl (Priv)
Bush St
Southport Av
Red Oak Dr
Kings Ct
Burr Oak Dr
Sycamore Dr
Tamarack Dr
Indian Hill Dr (Priv)
Hitchcock Av
Ohio St
Gamble Dr
Jonquil Av
Rolling Dr
Inverness Rd
Eisenhower Ln
Kohley Rd
Smith Rd
South Rd
Kimberly Way
Redwood Ln
Chicago Av
Provence Ct
Walnut Creek Ln (Priv)
Summerhill Dr (Priv)
Fairway Dr (Priv)
Brookwood Rd
Green Trails Dr
Hobson Rd
Mulligan Dr
Parkside Dr
63rd St
59th St
61st St
62nd St
Stonewall Av
Northcrest Dr
Hobson Ct
Seven Bridges Dr
Carriage Hill Rd
Ridgewood Rd
Trowbridge Way
Stonehaven Way
Ashford Ct
Chatfield Ln
Carlisle Ct
Monastery Dr (Priv)
Four Lakes Av
Lake Shore Dr
Sarazen Ct
Greene Rd
Pinehurst Ln
Nelson Ct
Greenbriar Dr
Spyglass Ct
Hobson Gate Ct
Chantilly Ct
Oxer Ct
Pelham Ct
Kimberwick Ln
James Way
Royal Oak Rd
Derby Ct
Foxwood Ct
Stonehedge Dr
Tall Oaks Ct
Black Stallion Ct
Mistwood Dr
Justin Ct
Tallis Ln
Babst Ct
Briggs Ct
Neff Ct
Christian Ln
Scarlet Oak Ln
Trinity Dr
Kindling Ct
Holly Ct
Acorn Hill Ct
Oakton Ct
Shire-wood Ct
Timber-view Dr
Sleepy Hollow Ln
Rehm Ct
Winkler Ct
Hillside Ln
Hill Brook-line Ct
Weeping Willow Dr
Wayfaring Ln
Stellingham Dr
Windsor Dr (Priv)
Bristol Dr (Priv)
Buckingham Dr (Priv)
Retreat Cir
Arbor Trails Dr
Oak Ridge Way
Benedictine Pkwy
Sanctuary
Northwood Av
Keswick Ln
Huntington Cir
Commerce Ct (Priv)
Cherry Ln (Priv)
Darley Rd
Russell Dr
Park-view Dr
Corporetum Dr (Priv)
Middleton Pl (Priv)
Oldham Av
Basswood Dr
Arbor View Dr
Spruce Ln
Hatch Ln
Cascara Ln
Xanthoc Av
Authority Dr
Auvergne Av
Walnut Av
Elm St
Chelsea Av
Buckley Av
Kingston Av
Cedar Av
Dorset Av
Lincoln Av (Priv)
Dorset Av (Priv)
Dumoulin Av
Mc Kinley Av
Garfield Av
Spencer Av
Center Av
Lacey Av
Columbia Av
Venture Ct (Priv)
Riedy Pl (Priv)
Vernon Park Pl (Priv)
Riedy Rd
Division St
Lisle Pl
Front St
Mckenzie Station Dr
School St
Elm St
Provence Ct
Walnut Creek Ln (Priv)
Auvergne Av
Chicago Av
Post Office
St. Joseph Creek Rd (Priv)
Sycamore Dr
Tamarack Dr
Sheepbark Ln
Juniper Ln
Birchwood Dr
Ironwood Dr
Balsam Dr
Arbor Ln
Blackcherry Ln
Mulberry Ln
Scottdale Cir
Kelle Ct
Westminster St
Kingston Dr
Culham Ct
Ryson Ct
Durham Dr
Leeds Ct
Hiram Dr
Jasper Dr
Jasper Ct
Appleby Ct
Appleby Dr
Albright Ct
Albright Ln
Richmond Dr
Robinwood Ln
Robinwood Ct
Arboretum Cir N
Arboretum Cir W
Arboretum Cir E
Arboretum Cir S
Hills Oak Ct
Red Oak Ln
Pin Oak Ct
Ascot Ct
Edgebrooke Dr
Barclay Ct
Ambassador Ct
Delles Rd
Fairmeadow Ln
39th St
Danada Ct
Navistar Dr (Priv)
Forbes Dr
Cabot Dr
Canterbury Ln
Notting-ham Ct
Keim Rd
Matson Ln
Black Oak Dr
Evergreen Dr (Priv)
White Birch Dr
Pine Tree Ct
Burning Tree Ct
Commerce Ct (Priv)
Dogwood Dr (Priv)
Yender Av
LWFD St. 5
Westerhoff Dr
Russell Dr
Devon Av (Priv)
Carl Dr
Darley Rd
Middleton Av
Tate Woods School
Lacey Av
Western Ct
Western Av
Yackley Av
Devon Av
Rivers Creek
River Dr
Dumoulin Av
Dorset Av
Lincoln Pl
Middleton Av
Bush St

STRUCTURE_ID	created_user	created_date	last_edited_user	last_edited_date	TYPE	Ownership	Credit_nCDR	ProblemSite	CNV_ID	INSPECTED_BY
EBB10	CDELACRUZ	11/8/2016	CDELACRUZ	12/13/2016	Bridge	PRIVATE	N	N	9000010	0
SCB1	LISLE\swintern	12/15/2016	GIS	12/16/2016	Bridge	PRIVATE	N	N	9000075	0
1AB3	LISLE\swintern	12/15/2016	LISLE\swintern	12/19/2016	Bridge	PRIVATE	N	N	9000056	0
SJB2	LISLE\swintern	12/15/2016	GIS	12/16/2016	Bridge	PRIVATE	N	N	9000059	0
SPC2	LISLE\swintern	12/8/2016	LISLE\cdelacruz	12/13/2016	Culvert	PRIVATE	N	N	9000054	0
2BC1	LISLE\swintern	12/15/2016	GIS	12/16/2016	Culvert	PRIVATE	N	N	9000057	0
2BC2	LISLE\swintern	12/15/2016	GIS	12/16/2016	Culvert	PRIVATE	N	N	9000058	0
WIC1	LISLE\swintern	12/15/2016	LISLE\signroom	3/15/2019	Culvert	PRIVATE	N	N	9000078	0
EBB2	CDELACRUZ	11/8/2016	LISLE\swintern	12/13/2016	Bridge	TOLLWAY	N	N	9000002	0
RCC2	CDELACRUZ	11/11/2016	LISLE\swintern	1/12/2017	Culvert	TOLLWAY	N	N	9000025	0
2BC3	CDELACRUZ	12/8/2016	LISLE\swintern	12/15/2016	Culvert	TOLLWAY	N	N	9000047	0
RCC10	CDELACRUZ	11/11/2016	LISLE\swintern	12/15/2016	Culvert	RAILROAD	N	N	9000032	0
RCB2	LISLE\swintern	12/15/2016	LISLE\signroom	3/28/2017	Bridge	PRIVATE	Y	Y	9000066	VILLAGE
RCC6	LISLE\swintern	12/13/2016	LISLE\swintern	1/12/2017	Culvert	PRIVATE	Y	Y	9000069	VILLAGE
SCC7	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	Y	9000022	VILLAGE
SJB1	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	PRIVATE	Y	N	9000012	VILLAGE
RCB1	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	PRIVATE	Y	N	9000023	VILLAGE
1AB2	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Bridge	PRIVATE	Y	N	9000061	VILLAGE
1AB1	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Bridge	PRIVATE	Y	N	9000060	VILLAGE
RCB4	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Bridge	PRIVATE	Y	N	9000068	VILLAGE
1AC4	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	PRIVATE	Y	N	9000049	VILLAGE
1AC6	CDELACRUZ	12/8/2016	LISLE\swintern	1/12/2017	Culvert	PRIVATE	Y	N	9000051	VILLAGE
1AC2	GIS	12/15/2016	LISLE\swintern	12/20/2016	Culvert	PRIVATE	Y	N	9000064	VILLAGE
SCC4	LISLE\swintern	12/15/2016	LISLE\swintern	1/12/2017	Culvert	PRIVATE	Y	N	9000031	VILLAGE
SCC5	LISLE\swintern	12/15/2016	LISLE\swintern	1/12/2017	Culvert	PRIVATE	Y	N	9000055	VILLAGE
1AC7	LISLE\swintern	12/15/2016	LISLE\swintern	1/12/2017	Culvert	PRIVATE	Y	N	9000072	VILLAGE
1AC1	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Culvert	PRIVATE	Y	N	9000063	VILLAGE
EBB4	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	VILLAGE	Y	N	9000004	VILLAGE
EBB6	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	VILLAGE	Y	N	9000006	VILLAGE
EBB9	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	VILLAGE	Y	N	9000009	VILLAGE
SJB4	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	VILLAGE	Y	N	9000014	VILLAGE
SJB5	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	VILLAGE	Y	N	9000015	VILLAGE
SJB7	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	VILLAGE	Y	N	9000017	VILLAGE
WIB2	GIS	12/15/2016	LISLE\swintern	1/12/2017	Bridge	VILLAGE	Y	N	9000080	VILLAGE
WIB3	GIS	12/15/2016	LISLE\swintern	1/12/2017	Bridge	VILLAGE	Y	N	9000079	VILLAGE
WIB1	GIS	12/15/2016	LISLE\signroom	3/15/2019	Bridge	VILLAGE	Y	N	9000076	VILLAGE
SCC1	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000018	VILLAGE
SCC2	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000019	VILLAGE
SCC3	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000020	VILLAGE
SCC6	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000021	VILLAGE
RCC3	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000026	VILLAGE
RCC4	CDELACRUZ	11/11/2016	LISLE\swintern	1/12/2017	Culvert	VILLAGE	Y	N	9000027	VILLAGE
RCC7	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000029	VILLAGE
RCC8	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000030	VILLAGE
RCC12	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000034	VILLAGE
SPC3	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000037	VILLAGE
SPC5	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000039	VILLAGE
SPC6	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000040	VILLAGE
E6C1	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000041	VILLAGE
E6C2	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000042	VILLAGE
E6C6	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000044	VILLAGE
1AC5	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000050	VILLAGE
1AC8	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000052	VILLAGE
EBB8	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	COUNTY	Y	N	9000008	VILLAGE
RCC1	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	COUNTY	Y	N	9000024	VILLAGE
RCC11	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	COUNTY	Y	N	9000033	VILLAGE
SPC1	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	COUNTY	Y	N	9000036	VILLAGE
1AC3	LISLE\swintern	12/13/2016	LISLE\swintern	12/20/2016	Culvert	COUNTY	Y	N	9000065	VILLAGE
WIC2	GIS	12/15/2016	LISLE\swintern	1/12/2017	Culvert	COUNTY	Y	N	9000077	VILLAGE
EBB3	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	STATE	Y	N	9000003	VILLAGE
SJB3	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	STATE	Y	N	9000013	VILLAGE
SJB6	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Bridge	STATE	Y	N	9000016	VILLAGE
RCC5	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	STATE	Y	N	9000028	VILLAGE
EBB7	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	PARK DISTRICT	Y	N	9000007	VILLAGE
SPC4	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	GTIA	Y	N	9000038	VILLAGE
EBB5	CDELACRUZ	11/8/2016	LISLE\swintern	12/20/2016	Bridge	RAILROAD	Y	N	9000005	VILLAGE
SJC1	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	RAILROAD	Y	N	9000011	VILLAGE
2BC4	CDELACRUZ	12/8/2016	LISLE\swintern	1/12/2017	Culvert	RAILROAD	N	N	9000048	VILLAGE
RCC14	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	PARK DISTRICT	Y	Y	9000053	PARK DISTRICT
E6C7	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000045	PARK DISTRICT
E6C8	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	VILLAGE	Y	N	9000046	PARK DISTRICT
RCB3	LISLE\swintern	12/15/2016	LISLE\swintern	1/12/2017	Bridge	PARK DISTRICT	Y	N	9000067	PARK DISTRICT
RCB5	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Bridge	PARK DISTRICT	Y	N	9000070	PARK DISTRICT
RCB6	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Bridge	PARK DISTRICT	Y	N	9000071	PARK DISTRICT
RCC13	CDELACRUZ	11/11/2016	LISLE\swintern	12/20/2016	Culvert	PARK DISTRICT	Y	N	9000035	PARK DISTRICT
E6C4	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Culvert	PARK DISTRICT	Y	N	9000073	PARK DISTRICT
E6C5	LISLE\swintern	12/15/2016	LISLE\swintern	12/20/2016	Culvert	PARK DISTRICT	Y	N	9000074	PARK DISTRICT
E6C3	CDELACRUZ	12/8/2016	LISLE\swintern	12/20/2016	Culvert	GTIA	Y	N	9000043	PARK DISTRICT

OBJECTID	PROBLEM	COMMENTS	INSPECTION	DATE	INSPECTOR	CNV_ID	PROBLEM_TY	ACTION	STATUS	COMPLETE_DA	COMPLETE_BY	created_usER	created_date	last_edited_user	last_edited_date
7374	N		Scheduled	8/28/2018	137	9000076	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7375	N		Scheduled	8/28/2018	137	9000078	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7376	N		Scheduled	8/28/2018	137	9000018	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7377	N		Scheduled	8/28/2018	137	9000019	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7378	N		Scheduled	8/28/2018	137	9000049	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7379	N		Scheduled	8/28/2018	137	9000050	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7381	N		Scheduled	8/28/2018	137	9000034	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7774	N		Scheduled	8/28/2018	137	9000080	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7775	N		Scheduled	8/28/2018	137	9000079	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7776	N		Scheduled	8/28/2018	137	9000077	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7777	N		Scheduled	8/28/2018	137	9000023	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7778	N		Scheduled	8/28/2018	137	9000024	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7779	N		Scheduled	8/28/2018	137	9000066	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7780	N		Scheduled	8/28/2018	137	9000025	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7782	N		Scheduled	8/28/2018	137	9000002	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7783	N		Scheduled	8/28/2018	137	9000064	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7785	N		Scheduled	8/28/2018	137	9000063	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
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7788	N		Scheduled	8/28/2018	137	9000056	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7789	N		Scheduled	8/28/2018	137	9000067	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
7790	N		Scheduled	8/28/2018	137	9000026	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
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7797	N		Scheduled	8/28/2018	137	9000021	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
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8578	N		Scheduled	8/28/2018	137	9000053	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
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8582	N		Scheduled	8/28/2018	137	9000047	0					LISLE\signroom	8/28/2018	LISLE\signroom	8/28/2018
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8588	N		Scheduled	8/28/2018	137	9000039	0		LISLE\signroom	8/28/2018 LISLE\signroom 8/28/2018
8589	N		Scheduled	8/28/2018	137	9000040	0		LISLE\signroom	8/28/2018 LISLE\signroom 8/28/2018
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8975	N		Scheduled	8/29/2018	137	9000045	0		LISLE\signroom	8/29/2018 LISLE\signroom 8/29/2018
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7380	N		Scheduled	8/28/2018	137	9000033	0		LISLE\signroom	8/28/2018 LISLE\signroom 8/28/2018
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5374	N		Post-Storm	2/27/2018	137	9000018	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
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5777	N		Post-Storm	2/27/2018	137	9000072	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5778	N		Post-Storm	2/27/2018	137	9000013	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5780	N		Post-Storm	2/27/2018	137	9000012	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5781	N		Post-Storm	2/27/2018	137	9000011	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5783	N		Post-Storm	2/27/2018	137	9000022	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5784	N		Post-Storm	2/27/2018	137	9000003	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5786	N		Post-Storm	2/27/2018	137	9000005	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5787	N		Post-Storm	2/27/2018	137	9000023	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5788	N		Post-Storm	2/27/2018	137	9000024	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5789	N		Post-Storm	2/27/2018	137	9000066	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
5790	N		Post-Storm	2/27/2018	137	9000025	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
6174	N		Post-Storm	2/27/2018	137	9000067	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018
6175	N		Post-Storm	2/27/2018	137	9000026	0		LISLE\signroom	2/27/2018 LISLE\signroom 2/27/2018

6177	N		Post-Storm	2/27/2018	137	9000027	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6178	N		Post-Storm	2/27/2018	137	9000028	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
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4985	N		Post-Storm	2/27/2018	137	9000030	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6182	N		Post-Storm	2/27/2018	137	9000033	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6185	N		Post-Storm	2/27/2018	137	9000034	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
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6189	N		Post-Storm	2/27/2018	137	9000053	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6190	N		Post-Storm	2/27/2018	137	9000006	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6191	N		Post-Storm	2/27/2018	137	9000007	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6193	N		Post-Storm	2/27/2018	137	9000009	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
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6195	N		Post-Storm	2/27/2018	137	9000048	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6574	N		Post-Storm	2/28/2018	137	9000058	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6974	N		Post-Storm	2/28/2018	137	9000047	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6975	N		Post-Storm	2/28/2018	137	9000036	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6976	N		Post-Storm	2/28/2018	137	9000054	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6977	N		Post-Storm	2/28/2018	137	9000037	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6978	N		Post-Storm	2/28/2018	137	9000038	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6979	N		Post-Storm	2/28/2018	137	9000039	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6980	N		Post-Storm	2/28/2018	137	9000040	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6981	N		Post-Storm	2/28/2018	137	9000045	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6982	N		Post-Storm	2/28/2018	137	9000046	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6983	N		Post-Storm	2/28/2018	137	9000044	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6985	N		Post-Storm	2/28/2018	137	9000043	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
4979	N		Post-Storm	2/27/2018	137	0	0	LISLE\signroom	2/27/2018	GISWEB	3/28/2019
6988	N		Post-Storm	2/28/2018	137	9000041	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6989	N		Post-Storm	2/28/2018	137	9000042	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
4975	N		Post-Storm	2/27/2018	137	9000078	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
4986	N		Post-Storm	2/27/2018	137	9000011	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5376	N		Post-Storm	2/27/2018	137	9000020	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5379	N		Post-Storm	2/27/2018	137	9000075	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5382	N		Post-Storm	2/27/2018	137	9000060	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5385	N		Post-Storm	2/27/2018	137	9000064	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5776	N		Post-Storm	2/27/2018	137	9000051	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5779	N		Post-Storm	2/27/2018	137	9000059	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5782	N		Post-Storm	2/27/2018	137	9000016	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
5785	N		Post-Storm	2/27/2018	137	9000004	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6176	N		Post-Storm	2/27/2018	137	9000068	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6181	N		Post-Storm	2/27/2018	137	9000032	0	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6575	N		Post-Storm	2/28/2018	137	9000057	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6984	N		Post-Storm	2/28/2018	137	9000074	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6987	N		Post-Storm	2/28/2018	137	9000041	0	LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
10575	Y	Clear	Scheduled	3/19/2019	Clear	9000008	0	LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9788	N	Clear	Scheduled	3/19/2019	Sal ja	9000007	0	LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9387	N	Clear	Scheduled	3/15/2019	Sp	0	0	LISLE\signroom	3/15/2019	GISWEB	3/28/2019
9411	N	Clear	Scheduled	3/15/2019	SP	9000066	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9410	N	Clear	Scheduled	3/15/2019	SP	9000024	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9413	N	Clear	Scheduled	3/15/2019	Sp	9000067	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9414	N	Clear	Scheduled	3/15/2019	Sp	9000026	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9416	N	Clear	Scheduled	3/15/2019	Sp	9000027	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9375	N	Clear	Scheduled	3/15/2019	Sp	9000076	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9376	N	Clear	Scheduled	3/15/2019	Sp	9000078	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9378	N	Clear	Scheduled	3/15/2019	Sp	9000077	0	LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019

9379 N	Clear	Scheduled	3/15/2019 Sp	9000022	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9381 N	Clear	Scheduled	3/15/2019 Sp	9000075	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9382 N	Clear	Scheduled	3/15/2019 Sp	9000055	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9383 N	Clear	Scheduled	3/15/2019 Sp	9000031	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9384 N	Clear	Scheduled	3/15/2019 Sp	9000020	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9385 N	Clear	Scheduled	3/15/2019 Sp	9000019	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9386 N	Clear	Scheduled	3/15/2019 Sp	9000018	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9388 N	Clear	Scheduled	3/15/2019 SP	9000002	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9389 N	Clear	Scheduled	3/15/2019 SP	9000003	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9390 N	Clear	Scheduled	3/15/2019 SP	9000017	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9393 N	Clear	Scheduled	3/15/2019 Sp	9000015	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9394 N	Clear	Scheduled	3/15/2019 Sp	9000014	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9396 N	Clear	Scheduled	3/15/2019 Sp	9000072	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9397 N	Clear	Scheduled	3/15/2019 Sp	9000051	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9399 N	Clear	Scheduled	3/15/2019 Sp	9000049	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
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9403 N	Clear	Scheduled	3/15/2019 Sp	9000061	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
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9406 N	Clear	Scheduled	3/15/2019 Sp	9000013	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9407 N	Clear	Scheduled	3/15/2019 Sp	9000059	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9374 N	Clear	Scheduled	3/15/2019 Sp	9000080	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9377 N	Clear	Scheduled	3/15/2019 Sp	9000079	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9380 N	Clear	Scheduled	3/15/2019 Sp	7000032	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9391 N	Clear	Scheduled	3/15/2019 Sp	9000016	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9398 N	Clear	Scheduled	3/15/2019 Sp	9000050	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9409 N	Clear	Scheduled	3/15/2019 Sp	9000023	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9412 N	Clear	Scheduled	3/15/2019 Sp	9000025	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
9415 N	Clear	Scheduled	3/15/2019 Sp	9000068	0		LISLE\signroom	3/15/2019	LISLE\signroom 3/15/2019
10574 N	Clear	Scheduled	3/19/2019 Sp ja	9000047	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10578 N	Clear	Scheduled	3/19/2019 Sp ja	9000037	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10579 N	Clear	Scheduled	3/19/2019 Sp ja	9000038	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10582 N	Clear	Scheduled	3/19/2019 Sp ja	9000046	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10583 N	Clear	Scheduled	3/19/2019 Sp ja	9000045	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10585 N	Clear	Scheduled	3/19/2019 Sp ja	9000074	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10586 N	Clear	Scheduled	3/19/2019 Sp JA	9000073	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10587 N	Clear	Scheduled	3/19/2019 Sp JA	9000043	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10588 N	Clear	Scheduled	3/19/2019 Sp ja	9000042	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10589 N	Clear	Scheduled	3/19/2019 Sp ja	9000041	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9776 N	Clear	Scheduled	3/19/2019 SP JA	9000069	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9777 N	Clear	Scheduled	3/19/2019 Sp ja	9000029	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9779 N	Clear	Scheduled	3/19/2019 Sp ja	9000030	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
10174 N	Clear	Scheduled	3/19/2019 Sp ja	9000032	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9780 N	Clear	Scheduled	3/19/2019 Sp JA	9000033	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9781 N	Clear	Scheduled	3/19/2019 Sp ja	9000034	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9782 N	Clear	Scheduled	3/19/2019 Sp ja	9000035	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9784 N	Clear	Scheduled	3/19/2019 Sp ja	9000071	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9787 N	Clear	Scheduled	3/19/2019 Sp ja	9000006	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9790 N	Clear	Scheduled	3/19/2019 Sp ja	9000009	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9791 N	Clear	Scheduled	3/19/2019 Sp ja	9000010	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9792 N	Clear	Scheduled	3/19/2019 Sp ja	9000005	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9793 N	Clear	Scheduled	3/19/2019 Sp ja	9000004	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019
9794 N	Clear	Scheduled	3/19/2019 Sp ja	9000013	0		LISLE\signroom	3/19/2019	LISLE\signroom 3/19/2019

9795	N	Clear	Scheduled	3/19/2019	Sp ja	9000059	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9796	N	Clear	Scheduled	3/19/2019	Sp ja	9000012	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9797	N	Clear	Scheduled	3/19/2019	Sp ja	9000011	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9798	N	Clear	Scheduled	3/19/2019	Sp ja	9000048	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9799	N	Clear	Scheduled	3/19/2019	Sp ja	9000057	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9783	N	Clear	Scheduled	3/19/2019	Sp ja	9000070	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9786	N	Clear	Scheduled	3/19/2019	Sp ja	9000053	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9789	N	Clear	Scheduled	3/19/2019	Sp JA	9000008	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9800	N	Clear	Scheduled	3/19/2019	Sp ja	9000058	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
10577	N	Clear	Scheduled	3/19/2019	Sp ja	9000054	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
10580	N	Clear	Scheduled	3/19/2019	Sp ja	9000039	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9774	N	Clear	Scheduled	3/19/2019	Sp Jeff	9000028	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
10584	N	Clear	Scheduled	3/19/2019	Spja	9000044	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
10581	N	Clear	Scheduled	3/19/2019		9000040	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9785	N	Clear	Scheduled	3/19/2019		9000053	0					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
9408	N	Clear	Scheduled	3/15/2019		9000012	0					LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
9395	N	Clear	Scheduled	3/15/2019		9000052	0					LISLE\signroom	3/15/2019	LISLE\signroom	3/15/2019
5381	Y		Post-Storm	2/27/2018	137	9000022	Minor	Remove debris		2/28/2018	138,131,143,136	LISLE\signroom	2/27/2018	LISLE\signroom	2/28/2018
9775	Y	Sinkhole	Scheduled	3/19/2019	Sp JA	7000037	Minor					LISLE\signroom	3/19/2019	LISLE\signroom	3/19/2019
4976	Y		Post-Storm	2/27/2018	137	9000080	Obstruction		Clear debris	2/27/2018	137	LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6183	Y		Post-Storm	2/27/2018	137	7000055	Obstruction	Remove log jam				LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6986	Y		Post-Storm	2/28/2018	137	9000073	Obstruction	Remove debris				LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6577	Y		Post-Storm	2/28/2018	137	7000072	Obstruction	Remove debris				LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018
6179	Y		Post-Storm	2/27/2018	137	9000069	Obstruction	Remove debris		2/28/2018	138,131,143,136	LISLE\signroom	2/27/2018	LISLE\signroom	2/28/2018
6184	Y		Post-Storm	2/27/2018	137	7000042	Obstruction	Remove log jam				LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6192	Y		Post-Storm	2/27/2018	137	9000008	Obstruction	Remove debris				LISLE\signroom	2/27/2018	LISLE\signroom	2/27/2018
6576	Y		Post-Storm	2/28/2018	137	7000072	Obstruction	Remove debris				LISLE\signroom	2/28/2018	LISLE\signroom	2/28/2018

SEDIMENT AND EROSION CONTROL INSPECTION REPORT

JAMES J. BENES ASSOCIATES, INC.
950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

NPDES Permit # ILR10_____
Weekly_____1/2"Precip._____Municipal OBS.___X____

PROJECT: Beau Bien Apartments DATE: 03/29/19

SITE ADDRESS: 4830 Beau Bien Boulevard INSPECTOR: DJ

OWNER /CONTRACTOR: FILE NO.: 1047.393

CONTROL MEASURE	ITEMS OK	NEEDS WORK	N/A	COMMENTS / RECOMMENDED CORRECTIVE ACTION
Construction Access track out, street clean	X			
Perimeter Control silt fence, logs, swales	X			
Inlet Protection baskets...	X			NOTE: FABRIC SHOULD BE CLEANED AFTER EACH RAIN OR CONSIDER USING FILTER BASKETS
Outlet Protection rip rap....			X	
Slope Control blankets, matting.....			X	
Conveyance Stable ditches, check dam, slope dr.			X	
Sediment Trap / Basin			X	
Concrete Washout			X	
Permanent Control ground cover, grass...			X	
Stockpiles silt fence,....seeded...	X			
Water Quality BMP			X	
Temporary Control seeding.....	X			Reminder: Seed inactive areas
Sensitive Areas wetlands, trees...			X	
Material Storage spill prevention.....,garbage	x			Reminder: Pick up garbage on a regular basis
Site Discharge condition of water.....				
SWPPP on-site				

Additional Comments:

Previous concerns have been addressed

SEDIMENT AND EROSION CONTROL INSPECTION REPORT

JAMES J. BENES ASSOCIATES, INC.
950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

NPDES Permit # ILR10_____
Weekly_____1/2"Precip._____Municipal OBS.___X____

PROJECT: Beau Bien Apartments DATE: 03/12/19

SITE ADDRESS: 4830 Beau Bien Boulevard INSPECTOR: DJ

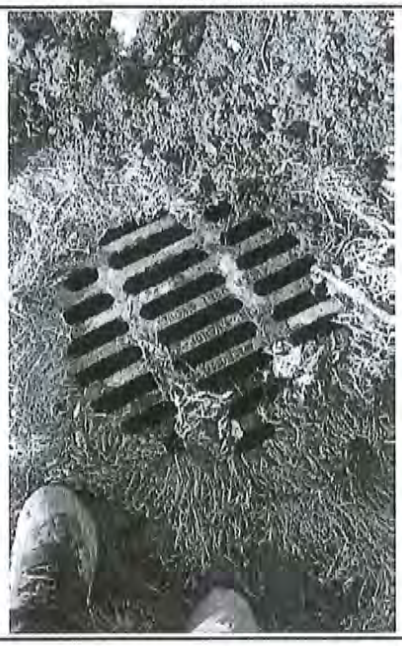
OWNER /CONTRACTOR: FILE NO.: 1047.393

CONTROL MEASURE	ITEMS OK	NEEDS WORK	N/A	COMMENTS / RECOMMENDED CORRECTIVE ACTION
Construction Access track out, street clean	X			
Perimeter Control silt fence, logs, swales		X		SILT FENCE NEEDS REPAIR IN SOUTHEAST CORNER OF SITE
Inlet Protection baskets...		X		SEDIMENT ENTERING INLET ON ROAD - FILTER BASKET NEEDS TO BE INSTALLED
Outlet Protection rip rap....			X	
Slope Control blankets, matting.....			X	
Conveyance Stable ditches, check dam, slope dr.			X	
Sediment Trap / Basin			X	
Concrete Washout			X	
Permanent Control ground cover, grass...			X	
Stockpiles silt fence,....seeded...		X		Stockpiling has knocked down some silt fence
Water Quality BMP			X	
Garbage & Debri other		X		Garbage and loose debri needs to be picked up
Sensitive Areas wetlands, trees...			X	
Material Storage spill prevention.....			X	
Site Discharge condition of water.....				
SWPPP on-site				

Additional Comments:

SESC INSPECTION REPORT File #__1047.393_____ NPDES Permit # ILR10_____

Site Visit Photos Date:____03/12/19_____

Photo # 1 - SEDIMENT ENTERING INLET IN ROAD PARKWAY	Photo # 2 - SILT FENCE KNOCKED DOWN
	
Photo #	Photo #

Certification Statement: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that a qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name & Title___Daniel W. Jay, P.E., CFM, CPESC_____SIGN_____

JAMES J. BENES ASSOCIATES, INC.

950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

SEDIMENT AND EROSION CONTROL INSPECTION REPORT

JAMES J. BENES ASSOCIATES, INC.
950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

NPDES Permit # ILR10_____
Weekly_____1/2"Precip._____Municipal OBS.___X____

PROJECT: TRANSITIONAL CARE DATE: 03/12/19

SITE ADDRESS: 2850 OGDEN INSPECTOR: DJ

OWNER /CONTRACTOR: FILE NO.: 1047.350

CONTROL MEASURE	ITEMS OK	NEEDS WORK	N/A	COMMENTS / RECOMMENDED CORRECTIVE ACTION
Construction Access track out, street clean		X		GUTTER ALONG OGDEN AVE. NEEDS TO BE CLEANED
Perimeter Control silt fence, logs, swales		X		SMALL AREA ON EAST SIDE OF SITE NEEDS TO BE FIXED
Inlet Protection baskets...		X		FILTER BASKETS ON OGDEN AVE. NEED TO BE CLEANED
Outlet Protection rip rap....			X	
Slope Control blankets, matting.....			X	
Conveyance Stable ditches, check dam, slope dr.			X	
Sediment Trap / Basin			X	
Concrete Washout			X	
Permanent Control ground cover, grass...			X	
Stockpiles silt fence,....seeded...			X	
Water Quality BMP			X	
other			X	
Sensitive Areas wetlands, trees...			X	
Material Storage spill prevention.....			X	
Site Discharge condition of water.....			X	
SWPPP on-site			X	

Additional Comments:

SESC INSPECTION REPORT File #____1047.350_____ NPDES Permit # ILR10_____

Site Visit Photos Date:____03/12/19

Photo # 1 SILT LOGS ARE OUT OF PLACE	Photo # 2 - INLET BASKET FULL
	
Photo # 3 - CURB LINE FULL OF DEBRI	Photo #
	

Certification Statement: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that a qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name & Title___Daniel W. Jay, P.E., CFM, CPESC_____SIGN_____

JAMES J. BENES ASSOCIATES, INC.

950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

SEDIMENT AND EROSION CONTROL INSPECTION REPORT

JAMES J. BENES ASSOCIATES, INC.
950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

NPDES Permit # ILR10_____
Weekly_____1/2"Precip._____Municipal OBS.___X____

PROJECT: TRANSITIONAL CARE DATE: 03/29/19

SITE ADDRESS: 2850 OGDEN INSPECTOR: DJ

OWNER /CONTRACTOR: FILE NO.: 1047.350

CONTROL MEASURE	ITEMS OK	NEEDS WORK	N/A	COMMENTS / RECOMMENDED CORRECTIVE ACTION
Construction Access track out, street clean		X		GUTTER ALONG OGDEN AVE. NEEDS TO BE CLEANED
Perimeter Control silt fence, logs, swales	x			
Inlet Protection baskets...		X		FILTER BASKETS ON OGDEN AVE. NEED TO BE CLEANED AS THEY ARE FULL AND FLOW IS BY-PASSING THE FILTER. ALSO NEED FILTER ON INLET TO WEST OF SITE ON OGDEN
Outlet Protection rip rap....			X	
Slope Control blankets, matting.....			X	
Conveyance Stable ditches, check dam, slope dr.			X	
Sediment Trap / Basin			X	
Concrete Washout			X	
Permanent Control ground cover, grass...			X	
Stockpiles silt fence,....seeded...			X	
Water Quality BMP			X	
Temporary Control seeding...	x			Reminder: Seed inactive areas.
Sensitive Areas wetlands, trees...			X	
Material Storage spill prevention.....	x			
Site Discharge condition of water.....			X	
SWPPP on-site			X	

Additional Comments:

SESC INSPECTION REPORT File #____1047.350_____ NPDES Permit # ILR10_____

Site Visit Photos Date:____03/29/19

Photo # 1 Sediment in curb line on Ogden. Inlet baskets full	Photo # 2 -
	
Photo # 3 -	Photo #

Certification Statement: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that a qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name & Title___Daniel W. Jay, P.E., CFM, CPESC_____SIGN_____

JAMES J. BENES ASSOCIATES, INC.

950 Warrenville Rd., Suite 101, Lisle, Illinois 60532

Certificate of Completion

This is to certify that

Jason Elias

has been awarded 4 Continuing Education Credits or Professional Development Hours for successfully completing the following Professional Development Courses:

Pollution Prevention Seminar for MS4 Communities
at Bobak's Signature Events
April 10, 2019

Anthony J. Charlton, PE- Director
DuPage County Stormwater Management
421 N. County Farm Road
Wheaton, Illinois 60187

4/10/19

Date

Certificate of Completion

This is to certify that

Justin Ross

has been awarded 4 Continuing Education Credits or Professional Development Hours for successfully completing the following Professional Development Courses:

Pollution Prevention Seminar for MS4 Communities
at Bobak's Signature Events
April 10, 2019

Anthony J. Charlton, PE- Director
DuPage County Stormwater Management
421 N. County Farm Road
Wheaton, Illinois 60187

4/10/19

Date

Certificate of Completion

This is to certify that

Keith Dooley

has been awarded 4 Continuing Education Credits or Professional Development Hours for successfully completing the following Professional Development Courses:

Pollution Prevention Seminar for MS4 Communities
at Bobak's Signature Events
April 10, 2019

Anthony J. Charlton, PE- Director
DuPage County Stormwater Management
421 N. County Farm Road
Wheaton, Illinois 60187

4/10/19

Date

Village of Lisle
Board Agenda Item
May 7, 2018

Agenda Item: Intergovernmental Agreement between the Village of Lisle and DuPage County for Implementation of the National Pollution Discharge Elimination System Program and Infrastructure Support Services

Prepared by: Jason Elias, Public Works Director
Marilyn Sucoe, Staff Engineer/Stormwater Administrator

Date: April 30, 2018

Discussion:

DuPage County and the Village of Lisle are permitted to discharge stormwater under the Illinois Environmental Protection Agency's (IEPA) National Pollution Discharge Elimination System (NPDES), General Permit ILR40, for Discharges from Small Municipal Separate Storm Sewer Systems (MS4). To avoid the overlap of efforts, DuPage County partners with municipalities in completing many of the minimum control measures required by this permit. These measures include education and outreach on water quality impacts, hosting public meetings, providing staff training and workshops, and conducting illicit discharge inspections.

The Intergovernmental Agreement (IGA) reflects the combining of efforts and sharing of services where possible, formally establishing a Qualifying Local Program. This streamlined program framework has been reviewed and informally approved by the IEPA, pending the formal submittal of IGAs between DuPage County and participating municipalities.

In order for the Village to receive NPDES permit credit for tasks undertaken by DuPage County, an approved IGA must be in place. The IGA also allows for the Village's use of DuPage County Public Works equipment and equipment operators. It includes unit costs for DuPage County equipment and labor. We anticipate using the equipment, which is not available in-house, for inspecting or repairing infrastructure. For example, we would utilize DuPage County's sewer televising equipment to investigate problems in both sanitary sewers and storm sewers.

Requested Action:

Staff requests approval of this resolution authorizing the Mayor to sign the Intergovernmental Agreement between the Village of Lisle and the County of DuPage, Illinois, for the Implementation of the National Pollution Discharge Elimination System Program in the East Branch and West Branch DuPage River Watersheds and Infrastructure Support Services.

Attachments:

1. Resolution

RESOLUTION NO. 2018- 3780

A RESOLUTION APPROVING AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF LISLE AND THE COUNTY OF DUPAGE, ILLINOIS FOR THE IMPLEMENTATION OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PROGRAM IN THE EAST BRANCH AND WEST BRANCH DUPAGE RIVER WATERSHEDS AND INFRASTRUCTURE SUPPORT SERVICES

WHEREAS, the Village of Lisle (hereinafter "Village") and the County of DuPage (hereinafter "County") are public agencies within the meaning of the Illinois "Intergovernmental Cooperation Act" and as authorized by Article 7, Section 10 of the Constitution of the State of Illinois; and

WHEREAS, the purposes of the "Intergovernmental Cooperation Act" and Article 7 of the Constitution of the State of Illinois include fostering cooperation among governmental bodies; and

WHEREAS, the Illinois General Assembly has granted the County authority to take action to control flooding and to enter into Agreements for the purposes of stormwater management and flood control (Illinois Compiled Statutes, Chapter 55 paragraphs 5/5-1062.3 and 5/5-15001 et. seq.); and

WHEREAS, General National Pollutant Discharge Elimination System ("NPDES") Permit No. ILR40 authorizes discharges from Small Municipal Separate Storm Sewer Systems (MS4s); and

WHEREAS, MS4s are defined in 40 CFR 122.26(b) (16) as designated for permit authorization pursuant to 40 CFR 122.32; and

WHEREAS, both the County and Village have submitted an Illinois MS4 Notice of Intent ("NOI") to the Illinois Environmental Protection Agency ("IEPA") for coverage under ILR40; and

WHEREAS, the General NPDES Permit No. ILR40 requires development, implementation, and enforcement of a storm water management program designed to reduce the discharge of pollutants from small municipal storm sewer systems to the maximum extent practicable to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Federal Water Pollution Control Act (33 U.S.C. § 1251 *et seq.*); and

WHEREAS, the storm water management program must include the minimum control measures described in the General NPDES Permit No. ILR 40, Part IV, Section B; and

WHEREAS, the Village and County Stormwater Management and Public Works Departments have each determined that they could realize cost savings by utilizing County equipment, vehicles and personnel to complete these minimum control measures, subject to the latter's availability; and

WHEREAS, the General NPDES Permit No. ILR40 Part IV, Section D authorizes Sharing Responsibility; and

WHEREAS, the County and the Village have determined that it is in their best interest to cooperate in fulfilling the ILR40 Permit requirements;

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Board of Trustees of the Village of Lisle, DuPage County, Illinois as follows:

SECTION 1: That the Mayor is hereby authorized to sign, and the Clerk to attest, the Intergovernmental Agreement for the Implementation of the National Pollution Discharge Elimination System Program in the East Branch and West Branch of the DuPage River Watersheds ("Agreement") attached as Exhibit 1 and incorporated herein.

SECTION 2: Village staff is hereby authorized to perform all acts consistent with the implementation of this agreement.

BE IT FURTHER RESOLVED that this resolution shall be entered upon the journals of the Village Board of the Village of Lisle.

PASSED AND APPROVED THIS 7th DAY OF May 2018.

CHRISTOPHER R. PECAK, MAYOR

ATTEST:

KIM BRONDYKE, VILLAGE CLERK

VILLAGE OF LISLE ILLINOIS

VOTES:
AYES: TRUSTEES BOYLE, HASSE, CARBALLO, CAEIEZEL, DIXIT AND MAYOR PECAK
NAYS: NONR
ABSENT: TRUSTEE MANDEL
ABSTAIN: NONE

SCHEDULE OF EXHIBITS

EXHIBIT 1 – AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF LISLE AND THE COUNTY OF DUPAGE, ILLINOIS FOR THE IMPLEMENTATION OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PROGRAM IN THE EAST BRANCH AND WEST BRNCH DUPAGE RIVER WATERSHEDS AND INFRASTRUCTURE SUPPORT SERVICES

Exhibit 1

AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF LISLE AND THE COUNTY OF DUPAGE, ILLINOIS FOR THE IMPLEMENTATION OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM IN THE EAST BRANCH AND WEST BRANCH DUPAGE RIVER WATERSHEDS AND INFRASTUCTURE SUPPORT SERVICES

THIS INTERGOVERNMENTAL AGREEMENT is entered into this ___ day of _____, 2018 between the Village of Lisle of DuPage County (hereinafter referred to as the "Municipality") a body corporate and politic, with offices at 925 Burlington Avenue, Lisle, Illinois 60532 and the County of DuPage, Illinois (hereinafter referred to as the "County") a body corporate and politic, with offices at 421 North County Farm Road, Wheaton, Illinois 60187-3978.

RECITALS

WHEREAS, the Municipality and County are public agencies within the meaning of the Illinois "Intergovernmental Cooperation Act" and as authorized by Article 7, Section 10 of the Constitution of the State of Illinois; and

WHEREAS, the purposes of the "Intergovernmental Cooperation Act" and Article 7 of the Constitution of the State of Illinois include fostering cooperation among governmental bodies; and

WHEREAS, the Illinois General Assembly has granted the County authority to take action to control flooding and to enter into Agreements for the purposes of stormwater management and flood control (Illinois Compiled Statutes, Chapter 55 paragraphs 5/5-1062.3 and 5/5-15001 et. seq.); and

WHEREAS, General National Pollutant Discharge Elimination System ("NPDES") Permit No. ILR40 authorizes discharges from Small Municipal Separate Storm Sewer Systems (MS4s); and

WHEREAS, MS4s are defined in 40 CFR 122.26(b) (16) as designated for permit authorization pursuant to 40 CFR 122.32; and

WHEREAS, both the County and Municipality have submitted an Illinois MS4 Notice of Intent ("NOI") to the Illinois Environmental Protection Agency ("IEPA") for coverage under ILR40; and

WHEREAS, the General NPDES Permit No. ILR40 requires development, implementation, and enforcement of a storm water management program designed to reduce the discharge of pollutants from small municipal storm sewer systems to the maximum extent practicable to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 Ill.

Adm. Code, Subtitle C, Chapter 1) and the Federal Water Pollution Control Act (33 U.S.C. § 1251 *et seq.*); and

WHEREAS, the storm water management program must include the minimum control measures described in the General NPDES Permit No. ILR 40, Part IV, Section B; and

WHEREAS, the Municipality and County Stormwater Management and Public Works Departments have each determined that they could realize cost savings by utilizing County equipment, vehicles and personnel to complete these minimum control measures, subject to the latter's availability; and

WHEREAS, the General NPDES Permit No. ILR40 Part IV, Section D authorizes Sharing Responsibility; and

WHEREAS, the County and the Municipality have determined that it is in their best interest to cooperate in fulfilling the ILR40 Permit requirements;

NOW, THEREFORE, in consideration of the premises, the mutual covenants, terms, and conditions herein set forth, and the understandings of each party to the other, the parties do hereby mutually covenant, promise and agree as follows:

1.0 INCORPORATION AND CONSTRUCTION.

1.1 All recitals set forth above are incorporated herein and made part thereof, the same constituting the factual basis for this Agreement.

1.2 The headings of the paragraphs and subparagraphs of this Agreement are inserted for convenience of reference only and shall not be deemed to constitute part of this Agreement or to affect the construction hereof.

1.3 The exhibits referenced in this Agreement shall be deemed incorporated herein and a part thereof.

2.0 PURPOSE OF AGREEMENT

2.1 The purpose of this Agreement is to set forth the duties, roles and responsibilities to be provided by the County and the Municipality with respect to compliance with the IEPA General National Pollutant Discharge Elimination System Permit No. ILR40 for Discharges from Small Municipal Separate Storm Sewer Systems in the East Branch and West Branch DuPage River Watersheds.

3.0 COUNTY RIGHTS AND RESPONSIBILITIES.

3.1 The County shall perform the tasks identified in the Scope of Work County Tasks, attached and incorporated hereto as Exhibit A.

3.2 The County shall be responsible for the scheduling and performance of County Tasks outlined in this Agreement. The County shall have full

discretion as to the timing and manner of performance, and the assignment of County personnel to perform any task under this Agreement. Notwithstanding the foregoing, the County shall use reasonable efforts to perform such tasks on or before any dates or times requested by the Municipality.

3.3 The County shall be responsible for including documentation related to the County's performance of the tasks identified in Exhibit A in the Annual Report submitted to the IEPA. The County shall provide a copy of this report to the Municipality in a timely manner, which includes tasks identified in Exhibit A.

3.4 The Municipality may submit written requests ("work requests") to the Director of Stormwater Management ("Director"), or his designee, for the periodic and temporary use of County-owned equipment and machinery, and, or, County-employed personnel (collectively "County assets").

3.5 At the sole discretion of the Director, or his designee, the County may make County-assets available for use by the Municipality. The County, though, reserves the right to deny, delay, divert, limit the use of, recall, reschedule, revoke prior approvals for the use of, restrict the use of, or substitute County assets requested by, or provided to, the Municipality for any cause at any time. The parties acknowledge and agree that the Municipality use of County assets for any work request is, and shall be subordinate to the County's use of County assets for the County's own work. For the purpose of this provision, the term "County's own work" shall be construed to include any work that County assets have been, or will be, allocated to another governmental unit or public utility. The parties further acknowledge and agree that in the event any County assets previously approved for a Municipality work request may subsequently become unavailable, and that under no circumstance shall the County be liable to the Municipality, or to any third party, for any loss, added cost, added expense, damage or delay arising out of, or related to, the County's failure or inability to provide County assets as requested, or the County's decision to recall from, reduce, substitute or terminate the use of County assets at the Municipality work site.

3.6 While County assets are mobilized at a Municipality work site, such County assets shall act under the direction, control and supervision of the Municipality, through the Municipality designated representatives. The above-arrangement shall not be construed to create an employment relationship between the Municipality and County personnel, or any form of Municipality ownership or possessory interest by the Municipality in or over any County-owned property. At all times the County shall retain its rights under Paragraph 3.5 above, in relation to County assets.

3.7 The Municipality shall be solely responsible for obtaining all necessary permits and, or, regulatory approvals for work requests, posting or requiring bonds (as applicable), coordination of all work items and deliveries, maintaining work site safety and security, post-work site restoration.

3.8 Nothing in this Agreement shall obligate the Municipality to utilize County assets, or any particular County asset, for any project or work task. In the event any particular County asset is unavailable, the Municipality shall be responsible for securing a suitable replacement, substitute or stand-in, at the Municipality expense.

4.0 MUNICIPALITY RIGHTS AND RESPONSIBILITIES

4.1 The Municipality shall perform the tasks identified in the Municipality Tasks Scope of Work, attached and incorporated hereto as Exhibit B.

5.0 MUTUAL OBLIGATIONS

5.1 The parties shall comply with all municipal, county, state and federal requirements now in force, or which may hereafter be in force, pertaining to this Agreement.

5.2 In the event either party (first party) is requested or required to provide the other party (second party) with the first party's consent, approval, review or comment concerning any matter under this Agreement, such request shall not be unreasonably denied, delayed or conditioned.

6.0 COMPENSATION

6.1 For use of County owned equipment and machinery, the Municipality agrees to compensate the County for County assets delivered to the designated work site. Invoiced amounts shall be in accordance with the County's schedule of fees and hourly rates incorporated hereto as Exhibits C and D. The County shall invoice time at half hour increments. The County may invoice labor rates to include reasonable travel time to and from a work site, time spent idle and, or, on a stand-by basis (if not caused by the County).

6.2 The County and Municipality may agree, in writing, that the County may submit quarterly invoices, for services rendered. In all other instances, the County shall submit its invoice no later than sixty (60) days following the completion of the County's services at a work site. The County may bill for multiple work sites or tasks. Each County invoice shall summarize, as applicable, the man-hours and, or, equipment hours utilized, together with all applicable time, equipment and material fees charged and an

identification of each work site and, or, task. The Municipality shall pay the County the amount(s) invoiced within thirty (30) days of receipt of each properly documented invoice for reimbursement.

6.3 The County may, from time-to-time, unilaterally amend its schedule of fees and hourly rates, and will provide its amended fees and rates to the Municipality with 60 days' notice. A revised fee and, or, rate shall only be effective after such written notice is provided. The fees and hourly rates in effect at the time a work request is submitted shall be the hourly rates and fees paid for that work.

6.4 Direct expenses may be invoiced to the Municipality at the rates stated in Exhibits C and D. The Municipality shall pay on an actual cost basis without any markup or multiplier.

6.4.1 For all direct expenses costing more than $25.00, the COUNTY shall include with its invoice to the Municipality, as documentation of such expenses, including copies of receipts, if any, from third-party vendors, suppliers or service providers indicating the price(s) paid by the County for such expensed materials and/or items.

6.4.2 County shall not include computer and vehicle mileage as direct expenses (but may include parking fees).

6.4.3 The County shall obtain a quote for the cost to perform lab testing of outfall samples prior to having such lab testing performed. The Municipality shall approve or deny the request to perform lab testing and, if approved, shall pay the County the amount charged.

6.4.4 The County shall obtain a quote for any work performed by third party vendors, including natural areas maintenance and beaver trapping. Work will be conducted in accordance with current contract provisions between the County and the vendor.

7.0 INDEMNIFICATION AND INSURANCE

7.1 Each party (as the "Indemnitor") shall indemnify and hold harmless the other party, its officials, officers and employees (the "Indemnitee Class") from and against all liability, claims, suits, demands, proceedings and actions, including costs, fees and expense of defense, arising from, growing out of, or related to, any loss, damage, injury, death, or loss or damage to property resulting from, or connected with, the Indemnitor's negligent or willful acts, errors or omissions in its performance under this Agreement, except as hereafter provided for by Paragraph 7.2 below.

7.2 Only with respect to those County assets which are temporarily in the Municipality's exclusive care and custody, and to the extent allowed by its insurer, the Municipality shall insure said County assets during the term of the Municipality's possession thereof.

7.3 The parties do not waive or limit, by these indemnity requirements, any defenses or protections under the Local Government and Governmental Employees Tort Liability Act (745 ILCS 10/1 et seq.) or otherwise available to them. The immunities or defenses of either party, or any statutory limitation on damages, shall further operate as a bar and, or, limitation of that party's indemnification obligations under this Agreement. Any indemnity as provided in this Agreement shall not be limited by reason of a parties' insurance coverage and such indemnification obligations shall survive the termination, or expiration, of this Agreement for a period of two (2) years.

8.0 MISCELLANEOUS TERMS

8.1 This Agreement may be modified or amended only by written instrument duly authorized and signed by both the County and the Municipality.

8.2 This Agreement contains the entire understanding of the County and the Municipality with respect to the subject matter hereof and supersedes all prior agreements and understandings with respect to such subject matter.

8.3 This Agreement shall be executed for and on behalf of the County and the Municipality pursuant to Resolutions or Ordinances approved by the legislative body of each of the parties.

8.4 This Agreement may be executed in multiple counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instruments.

8.5 Upon termination, the liabilities and obligations of the parties to this Agreement shall cease. However, the parties shall not be relieved of the duty to perform their obligations up to the date of termination and the Parties shall not be relieved of their respective obligation to pay the other Party for any services rendered prior to termination.

8.6 There are no other covenants, warranties, representations, promises, conditions or understandings, either oral or written, other than those contained herein.

8.7 In the event of a conflict between the terms or conditions of this Agreement and any term or condition found in any exhibit or attachment, the terms and conditions of this Agreement shall prevail.

8.8 Any required notice shall be sent to the following addresses and parties:

Municipality of Lisle
Development Services
925 Burlington Avenue
Lisle, IL 60532
Attn: Development Services Director

DuPage County
Stormwater Management
421 N. County Farm Road
Wheaton, Illinois 60187
Attn: Director of Stormwater Management

8.9 The parties agree that the waiver of, or failure to enforce, any breach of this Agreement by the remaining party shall not be construed, or otherwise operate, as a waiver of any future breach of this Agreement. Further the failure to enforce any particular breach shall not bar or prevent the remaining party from enforcing this Agreement with respect to a different breach.

9.0 NOTICES REQUIRED UNDER THIS AGREEMENT

9.1 All notices required to be given under the terms of this Agreement shall be in writing and either (a) served personally during regular business hours; (b) served by facsimile transmission and e-mail during regular business hours; or (c) served by certified or registered mail, return receipt requested, properly addressed with postage prepaid. Notices served upon the Municipality shall be directed to:

Village of Lisle
Department of Development Services
Attn: Stormwater Administrator
925 Burlington Avenue
Lisle, IL 60532
Email: comdev@villageoflisle.org

Notices served upon the County shall be directed to:

DuPage County Stormwater Management Division
Attn: Director, Stormwater Management
421 N. County Farm Road
Wheaton, IL 60187-3978
E-mail: Water.Quality@dupageco.org

Notices served personally or by facsimile transmission and e-mail shall be effective upon receipt, and notices served by mail shall be effective upon receipt as verified by the United States Postal Service. Each party may designate a new

location for service of notices by serving notice thereof in accordance with the requirements of this paragraph.

10.0 TERM OF AGREEMENT

10.1 As will be used for staff and budget requirements, the County and the Municipality agree to not change enforcement status within the term of this Agreement.

10.2 The initial term of this Agreement shall become effective _____ ___, 2018 and remain in full force and effect until March 31, 2023. On March 31, 2023, and on each subsequent anniversary date thereafter, this Agreement shall automatically renew for an additional five-year period. Either party may terminate this Agreement by giving written notice of said termination to the other party; a termination shall be effective immediately unless specific termination date has been agreed upon.

11.0 SEVERABILITY

11.1 In the event any provision of this Agreement shall be held to be unenforceable or void, such provision shall be deleted and all other provisions shall remain in full force and effect to the fullest extent allowed by law and equity.

12.0 GOVERNING LAW

12.1 This Agreement will be governed by the laws of the State of Illinois as to both interpretation and performance. The forum for resolving disputes concerning the party's respective performance, or failure to perform, under this Agreement, will be the judicial circuit court for DuPage County.

IN WITNESS WHEREOF, the parties to this Agreement set their hands and seals as of the date first written above.

BY: _____
Christopher Pecak
Mayor
Village of Lisle

ATTEST BY: _____
Kim Brondyke
Village Clerk

VILLAGE OF LISLE ILLINOIS

BY: _____
Daniel Cronin
Chairman
DuPage County Board

ATTEST BY: _____
Paul Hinds
County Clerk

Exhibit A
Scope of Work
County Tasks

Public Education and Outreach on Storm Water Impact

The County will conduct public education and outreach activities within each major watershed on a multitude of topics, such as watershed planning efforts, water quality, and best management practices (BMPs) utilizing internal staff and/ or contractors to provide additional education and outreach services pertaining to both technical and general education on stormwater impact topics.

The County will provide handouts and brochures pertaining to sources of pollutants in waterways and water quality BMPs for distribution at public events, at County and municipal offices, as well as online. Materials will be updated as needed to incorporate new information, including the effects of climate change on stormwater impacts.

The County will coordinate, host, and present at least one workshop or community event 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.

The County will utilize technology to enhance outreach efforts detailing water quality trends and highlighting practices that can reduce the transport of pollutants into waterways. The County 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.

The County will partner with schools and local educational organizations, on stormwater management and water quality education promoting water quality and environmental efforts using watershed models and other educational tools.

Public Involvement/ Participation

The County will inform the public on watershed initiatives and engage a broad range of individuals regarding policies and projects related to the control and reduction of pollutants in stormwater runoff through technical trainings, stakeholder groups, volunteer opportunities, and public meetings. The County will identify environmental justice areas within the watershed planning jurisdictions in order to ensure prioritization of efforts in regards to public involvement and participation initiatives.

The County will support training initiatives throughout each watershed for the purpose of engaging local residents, organizations, and government agencies in pollution reduction practices and volunteer opportunities.

The County will host at least two regular water quality stakeholder meetings per year in each of the County'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.

The County will provide opportunity for public comment at annual hearings in order to reach all interested residents on the adequacy of its MS4 program, watershed plans, and projects. The County will publicize public comment periods in accordance with its education and outreach initiatives and include opportunities to comment online, in person, or by mail.

The County will coordinate educational and public involvement strategies. To gauge their effectiveness, the County will develop and distribute surveys via an email list, webpage, and on social media. These surveys measure citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, flood perceptions, and residential pollutant control.

The County will sponsor a variety of volunteer opportunities, including: the Adopt-a-Stream program, the DuPage River Sweep, and the storm drain stenciling program.

Illicit Discharge Detection and Elimination ("IDDE")

The County agrees to undertake the monitoring of outfalls and tracing of illicit discharges within the municipal limits of the Municipality utilizing County personnel and equipment.

The County will provide the Municipality with the annual schedule for outfall monitoring by watershed.

The County agrees to prepare plans, processes, and procedures for the program meeting the requirements of the NPDES permit to monitor and trace illicit discharges into the MS4 on behalf of the Municipality.

The County agrees to obtain copies of the Notice of Intent (NOI) for each facility within the jurisdiction of the County and the Municipality having an individual NPDES permit to discharge storm water associated with industrial activity through the IEPA for the purposes of fair and accurate monitoring and tracing.

The County agrees to monitor MS4 outfalls within the jurisdiction of the Municipality, and to the extent it is so authorized, trace all discharges determined to be illicit with the objective of identifying the source of such illicit discharge.

The County agrees to notify the Municipality within a reasonable time prior to the County conducting dye testing as part of tracing procedures.

The County agrees to notify the Municipality within twenty-four (24) hours of detecting an illicit discharge within the municipal limits of the Municipality. Promptly upon completion of the County's investigation, the County shall inform the Municipality of the location of the illicit discharge, the time(s) and date(s) of the discharge, and any additional information that would be necessary or prudent for the Municipality to have in order to carry out enforcement proceedings.

The County agrees to provide the Municipality with any information required for enforcement action and prosecution by the Municipality and produce County personnel in court, as necessary and upon adequate notice.

The County agrees to create and manage a countywide hotline for reporting illicit discharges.

Construction Site Storm Water Runoff Control

Construction Site Storm Water Runoff Control requirements are administered through the DuPage County Countywide Stormwater and Flood Plain Ordinance ("DCCSFPO"). The DCCSFPO establishes a minimum level of regulatory compliance that a development must meet. Pursuant to the DCCSFPO, any community that desires to enforce, either partially or completely, within its boundaries the Construction Site Storm Water Runoff Control provisions of the DCCSFPO shall provide the DuPage County Stormwater Management Planning Committee of the DuPage County Board written notice of that intent.

Post Construction Storm Water Management in New Development and Redevelopment

Post Construction Storm Water Management in New Development and Redevelopment requirements are administered through the DCCSFPO. The DCCSFPO establishes a minimum level of regulatory compliance that a development must meet. Pursuant to the DCCSFPO, any community that desires to enforce, either partially or completely, within its boundaries the Post Construction Storm Water Management in New Development and Redevelopment provisions of the DCCSFPO shall provide the DuPage County Stormwater Management Planning Committee of the DuPage County Board written notice of that intent.

Pollution Prevention / Good Housekeeping for Municipal Operations

The County will organize training in procedures and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system for staff from the County and Municipality on topics including 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 system cleaning.

The County will create and update checklists and/or guidance materials to assist staff from the County and Municipality in following the good housekeeping measures outlined in the ILR40 permit.

The County will coordinate shared services to the Municipality, in regards to maintenance of BMPs and associated infrastructure. This may include vegetation management, storm sewer cleanout, street sweeping, and other maintenance activities. The shared services will be determined by the equipment and staff available from participating agencies and outlined in Exhibit D.

Monitoring

The County will be responsible for developing and implementing a monitoring and assessment program. This will include an evaluation of BMPs based on estimated effectiveness from published research accompanied by an inventory of the number and location of BMPs implemented as part of the NPDES program and an estimate of pollutant reduction resulting from the BMPs. The County will also support and contribute to the DuPage River Salt Creek Workgroup ambient monitoring of waterways which will be performed within 48 hours of a precipitation event greater than or equal to one quarter inch in a 24-hour period. At a minimum, analysis of storm water discharges or ambient water quality will include monitoring for total suspended solids, total nitrogen, total phosphorus, fecal coliform, chlorides, and oil and grease. In addition, monitoring will be performed for any other pollutants associated with storm water runoff for which the receiving water is considered impaired pursuant to the most recently approved list under Section 303(d) of the Clean Water Act.

Annual Reporting

The County agrees to prepare the countywide annual report on behalf of the Municipality and post the completed report on the County's website. The annual report is required by the IEPA and is due by June 1st of each year in accordance with General NPDES Permit No. ILR40 (or a revised date as determined by the IEPA). The County will submit a copy of the annual report to both the IEPA and the Municipality.

Exhibit B
Municipal Tasks
Scope of Work

Public Education and Outreach on Storm Water Impact

The Municipality will be responsible for promoting and advertising educational events and workshops within their jurisdictions. Municipalities are responsible for distributing educational materials to residents within the Municipality. The Municipality will also be responsible for ensuring their own staff attends workshops geared towards municipal staff on green infrastructure, good housekeeping, and other applicable topics to prevent and reduce the discharge of pollutants into waterways.

Public Involvement / Participation

The Municipality will be responsible for advertising and promoting meetings, hearings, and events online and within their jurisdictions. The Municipality will also be responsible for ensuring attendance by their own staff, as necessary.

Illicit Discharge Detection and Elimination

The Municipality agrees to provide the County with a current storm sewer atlas.

The Municipality agrees to provide annual updates of the storm sewer atlas to the County.

The Municipality agrees to assign to the County any rights of access to the storm drainage system under the jurisdiction of the Municipality as the County deems necessary.

The Municipality shall provide County staff with a copy of the most recent version of the Municipality's MS4s atlas (system map) and a map/guide of all MS4 outlets within the Municipality's municipal territory. The Municipality shall further make available for review and copying by the County, upon request, any additional Municipality records pertaining to the location of MS4 components and, or, any connections thereto, and, or, suspected illicit discharges, which review and copying by County staff shall be allowed in the same manner as Municipality staff. The Municipality shall further provide proof of the Municipality's (and County's) right to access any property owned or controlled by a third-party. The Municipality shall notify the County if and when new records are created and if additional parcels are annexed by the Municipality.

The Municipality shall grant the County access to all Municipality -owned parcels, Municipality right-of-ways, Municipality easements and license areas and all other areas where the Municipality has the right to access whenever such access by the County is

necessary for, or prudent to, it's performance of the work identified in Exhibit A. In the event the Municipality is unable to obtain permission for the County to access and enter upon any property, the County shall be excused from performing the work that necessitated the need to access that property.

The Municipality shall be responsible for the enforcement of any violations of the Municipality's IDDE ordinance within the municipal limits of the Municipality. In the event the Municipality wishes to use County staff as witnesses, or consulting experts, in any enforcement proceeding related to the County's work pursuant to this Agreement, the parties agree that a separate Agreement shall be entered into for such purpose; and the parties acknowledge that the Scope of Work County Tasks (Exhibit A) and Hourly Rates (Exhibit C) do not contemplate IDDE ordinance enforcement activities.

The Municipality agrees to provide timely prosecution of any person found to be in violation of their ordinance that fail to come into compliance in accordance with the ordinance, provided that the Municipality receives timely notification from the County that a violation exists. Further, the County agrees to provide prosecution witnesses required without cost to the Municipality.

The Municipality shall provide the County with documentation of any enforcement action and prosecution from the previous one (1) year for inclusion in the annual report.

Construction Site Storm Water Runoff Control

As review assistance is required, the Municipality shall forward copies of permit submittals to the County in accordance with the DuPage County Countywide Stormwater and Flood Plain Ordinance ("DCCSFPO").

Post Construction Storm Water Management in New Development and Redevelopment

As review assistance is required, the Municipality shall forward copies of permit submittals to the County in accordance with the DCCSFPO.

Pollution prevention/ good housekeeping for municipal operations

The Municipality will be responsible for ensuring that all applicable staff positions attend appropriate training for their duties to prevent and minimize the discharge of pollutants into waterways. The Municipality will also be responsible for ensuring their staff and procedures adhere to good housekeeping measures in order to minimize the discharge of pollutants from municipal properties, infrastructure, and operations. The Municipality may choose to partner with the County to share services for maintenance of BMPs and associated infrastructure.

Monitoring

The Municipality shall provide to the County locations and details on BMPs implemented as part of the NPDES program within their jurisdictions for inclusion in the BMP inventory.

Reporting

The Municipality will be responsible for ensuring that the County has all applicable documentation for inclusion in the annual report by May 1 of each year (or one month prior to the due date of the annual report as determined by the IEPA). Documentation shall include details on how the Municipality promoted education and outreach efforts within their jurisdiction. The Municipality will provide any documentation on IDDE enforcement. The Municipality will also be responsible for providing the County with current staff headcounts for recordkeeping and reporting of good housekeeping related training.

The Municipality will be responsible for posting the Annual Report on their website, or providing a link on their website to the Countywide Annual Report.

Exhibit C
Hourly Rates

DuPage County Stormwater Management Hourly Rates for completion of NPDES ILR40 maintenance tasks as requested by the Municipality. The Hourly Rates (Rates) listed below may be increased by the County up to two percent (2%) one time during each calendar year.

Position	Direct Rate	Billing Rate (Direct Rate x 1.4)
Intern	$10.00 - $15.40	$14.00 - $21.56
Environmental Technician	$23.00 - $30.92	$32.20 - $43.29
Senior Environmental Technician	$23.08 - $31.02	$32.31 - $43.43
Water Quality Specialist	$24.92 - $31.98	$34.89 - $44.72
Water Quality Supervisor	$32.59 - $43.81	$45.63 - $61.33
Communications Supervisor	$26.96 - $34.61	$37.74 - $48.45
Wetland Specialist	$24.00 - $38.95	$33.60 - $54.53
Wetland Supervisor	$33.00 - $44.36	$46.20 - $62.10

Labor Rates associated with use of County equipment are as follows:

Crew Leader	$45/ hour
Senior Maintenance Worker	$40/ hour
Maintenance Worker	$35/hour

Exhibit D
Standard Rates

Equipment will be paid for on an hourly basis per Illinois Department of Transportation rates according to EquipmentWatch.com (formerly Rental Rate Blue Book) plus hourly rates for required staff according to Exhibit C. All equipment to be used will be agreed upon prior to the commencement of work. Rates are subject to change by providing 60 days written notice to the Municipality.

Milton Township Highway Department

Annual Facility Inspection Report March 2018- March 2019

Permit Number ILR400086

Section B Status of compliance with permit conditions

Public Education and Outreach: The Township continues public education through the Township's website and our Homeowner's Handbook which is sent out annually to all the residents of the unincorporated areas of the Township. “After the Storm” a citizen guide to understanding stormwater brochure is available to the public at the Milton Township Highway Department office. DuPage County Stormwater Management provides, through its Stormwater Outreach Coordinator, various training workshops, homeowners workshops, brochures, training manuals, teacher/student education, videos, etc. There is information on the Township's website and in the Homeowner's Handbook regarding the "No Dumping - Drains to River" symbols painted at storm water drains throughout the Township. This symbol is intended to remind the resident of the Township that it is not only illegal to dump anything into a storm drain but it is also hazardous to the environment.

Public Participation/involvement: DuPage County Stormwater Management coordinates and participates in public meetings and committees, including the Municipal/County Intergovernmental Advisory Committee Stormwater Management Committee (SMC), Municipal Engineers Technical Advisory Committee (TAC), and volunteer support. Residents can report instances of pollution or suspected pollution by contacting the Township office (630) 682-4270 or by email.

Illicit Discharge Detection and Elimination: The Township has completed a digitized map of the entire storm sewer system, which is used to trace discharges. The Township has also digitized and mapped all its MS4 outfalls. Township staff report any illicit discharge seen during routine maintenance duties throughout the Township. DuPage County has initiated their Illicit Discharge Detection and Elimination (IDDE) program regarding the screening for and tracing of illicit discharges into Waters of the State form MS4 outfalls. County staff hosts an illicit discharge hotline, preforms field inspections of known outfall locations, and, where applicable, traces a suspected illicit discharge to the source.

Construction Site Runoff Control: DuPage County Stormwater Management establishes the minimum stormwater management requirements for development in DuPage County. DuPage County Stormwater Management establishes standards for construction site runoff control.

Post Construction Runoff Control: DuPage County implementation and enforcement of the County’s Stormwater Management (DCSFPO) and Flood Plain Ordinance; performs related work as required. Also, establishes standards for post-construction runoff control.

Pollution Prevention/Good Housekeeping: The Highway Commissioner and 7 employees continue their education by attending snow plow workshops/seminars hosted by DuPage County. Also, Underground Storage Tank class A/B or C operator certificate required by the State Fire Marshall for spill and leak detection. The Township increased the amount of times the streets are swept to prevent pollution from entering the storm sewers. The Township stores road salt and de-icing liquids under cover. The Township garage has an oil/water separator system for the floor drain and recycles used oil from equipment. The Township continues and expands current winter de-icing methods using move environmentally friendly geo-melt blends to pre-wet salt at spreader and spray on roads for anti-icing.

The Best Management Practices (BMP's) outlined in the Township MS4 NPDES Permit provides the necessary guidance for the Township to achieve the statutory goal of reducing the discharge of pollutants to the maximum extent practicable.

Through the activities of this reporting period, the Township is taking positive steps in reaching the goal.

Section C

See DuPage County Annual Report

Section E

Milton Township is one of the co-permittees relying on DuPage County to satisfy some permit obligations.

Section F

Flint Creek subdivision and Lincoln Hill subdivision resurfacing projects.

MANAGER'S MEMORANDUM

Prepared for: **Naperville City Council**
By: City Manager's office
4/18/2019

A. MANAGER'S MEMORANDUM

	Source:	Subject:	Action:
1.	Public Works – DPW	Adopt a Drain Program Update	FYI
2.	Public Utilities - Water	DuPage Water Commission Water Rate Increase	FYI
3.	TED Business Group	Ogden Avenue Pole Sign Efforts	FYI

CITY OF NAPERVILLE
MEMORANDUM

DATE: April 18, 2019

TO: Doug Krieger, City Manager

FROM: Dick Dublinski, Director of Public Works

SUBJECT: **Adopt A Drain Program Update**

PURPOSE:

The purpose of this memorandum is to provide an update on the Adopt A Drain Program.

BACKGROUND:

The Department of Public Works and the Transportation, Engineering, and Development Business Group have long identified clogged storm drains as one of the major causes of roadway flooding in the city. With over 56,000 storm sewers in Naperville, it is difficult for Public Works employees to clear all the clogged storm drains in a timely manner, especially when there are imminent threats during a storm. Additionally, the city spends approximately $1.1 million on storm drain maintenance, inspections and repairs on storm drains throughout the City of Naperville year.

On October 1, 2018, the City launched the Adopt A Drain volunteer program. This program encourages residents to "adopt" one of the 7,415 eligible storm drains and commit to keeping it free of debris to maintain a safe and clean environment in Naperville. Storm drains on arterial and collector streets were not included in the list of eligible drains due to safety hazards of asking residents to remove debris from high traffic areas.

Adopt A Drain participants, in conjunction with the drainage improvement projects in place to make our city more flood resilient, can individually contribute in the efforts to reduce localized street flooding. With the help of residents, the chances of localized flooding after a storm could be greatly decreased.

DISCUSSION:

Since October 2018, 302 residents have adopted 447 drains throughout Naperville. These residents have committed to inspect the drain and the area around it, remove leaves and other debris from both the drain grate and the surrounding area, and to dispose of any leaves and debris in the appropriate waste receptacle before a predicted storm and an additional four times a year.

In the last six months, the City has issued three alert emails to encourage participants to clean their drains in advance of heavy rainfall and fast-melting snow. Other engagement tactics include a quarterly newsletter with updates about the program

and season-specific tips for clearing drains and several social media posts reminding residents to keep drains clear. Because of these efforts, we have seen noticeably less street flooding and ponding water throughout the City after heavy rain and fast—melting snow events.

Because spring months typically bring rainy weather, April is a great time for residents to clean their drains. In an effort to reward participants for their efforts, DPW challenged all current program participants to an Easter Egg Hunt. Ten Easter egg decorations were placed on ten adopted drains throughout the City on Thursday, April 18. Participants were challenged to find and submit a picture of an egg, using the Adopt A Drain interactive map as a guide. The City will select ten winners from the participants who submitted a picture during a random drawing on Monday, April 22. The winners will receive ten yard waste bags and ten yard waste stickers to be used in their efforts to keep their drains cleared throughout the year.

For more information about the program, including an interactive map of available drains and information on how to apply for the program, visit www.naperville.il.us/adoptadrain.

RECOMMENDATION:

Please distribute this memorandum to the City Council through the Manager's Memorandum.

ADOPT A DRAIN

NAPERVILLE

#DRAINDEFENDER

Greetings, Drain Defender!

According to the National Weather Service, rain and a chance of thunderstorms are expected Saturday, with very windy conditions developing Saturday night into Sunday. Moderate to locally heavy rainfall Saturday afternoon could lead to minor localized flooding.

Please keep an eye on your drain this weekend and inform the City if you notice large ponding in your area. For reference, large ponding, seen in the photo below, refers to standing water over the entire width of a street or an area more than three vehicles long.



If you notice ponding in your area, please notify the City via the "report an issue with my drain" button on the Adopt A Drain application or call City Dispatch at (630) 420-6187.

Don't forget! After you've cleaned your drain, please login to the Adopt-a-Drain application to mark your drain as cleared.



We'd love to see your work – post a photo on social media, use the hashtag #DrainDefender and don't forget to tag us!

Thank you for cleaning your drain!

CITY OF NAPERVILLE
MEMORANDUM

DATE: April 18, 2019

TO: Douglas A. Krieger, City Manager

FROM: Darrell Blenniss, Director, Water Utilities

SUBJECT: DuPage Water Commission Water Rate Increase

ACTION REQUESTED:
Provide City Council information regarding the DuPage Water Commission's (DWC) May 1, 2019 water rate increase of 0.607% raising their water rate to member systems $0.03/1,000 gallons from $4.94/1,000 gallons to $4.97/1,000 gallons.

BACKGROUND:
The City of Naperville receives Lake Michigan water, purified by the City of Chicago and distributed by the DWC. In 2006, the City of Chicago started its watermain replacement program with the program's funding coming from water rate increases.

The DWC passes on Chicago's water rate increases to its member communities/systems periodically, usually with the approval of its annual budget process.

DISCUSSION:
It is expected that on Thursday, April 18, 2019 the DuPage Water Commission Board will pass their annual budget (May 1, 2019 to April 30, 2020) which includes a water rate increase of $0.03/1,000 gallons ($0.02/100 cubic feet), effective May 1, 2019.

In December 2018, the Naperville City Council passed changes to the Title 8-2C of the Municipal Code. More specifically, the recent changes to the Title 8-2C-3-1.1 of the Municipal Code altered Naperville's process of adopting changes to the DuPage Water Commission rates and passing the changes to its water utility customers.

As of January 1, 2018, Ordinance 17-167 requires City Staff to notify the Naperville City Council of any changes to the DuPage Water Commission rates and implement the new rates through Naperville's wholesale volume charge, taking effect on the same day as the DWC rate increase.

8-2C-3 1.1: - WATER USER CHARGES:

> *Wholesale Volume Charge: Shall be equal to the sum of the fixed and variable rates as approved by the DuPage Water Commission and implemented and effective on the same dates set forth and approved by the DuPage Water Commission. Staff shall notify the Mayor and City Council of any changes to the rates and fees charged by the DuPage Water Commission prior to the effective dates of any rate changes.*

The change to the water rates will increase the typical monthly residential water utility bill (using 5,610 gallons or 750 cubic feet) by $0.15. Naperville utility customers will see the effects of the noted rate increase on their June 2019 monthly water utility bill.

RECOMMENDATION:
Forward this information to the City Council in the Manager's Memorandum Report.

CITY OF NAPERVILLE
MEMORANDUM

DATE: April 18, 2019

TO: Doug Krieger, City Manager
Bill Novack, Director – TED Business Group

FROM: Allison Laff, AICP, Deputy Director – TED Business Group

SUBJECT: Ogden Avenue Pole Sign Efforts

PURPOSE:
To provide an update regarding Ogden Avenue pole sign efforts.

BACKGROUND:
Under new business at the April 17, 2018 City Council meeting, Councilman Coyne directed staff to develop options that may be used to eliminate non-conforming pole signs along East Ogden Avenue (from Washington Street to the City's eastern boundary). At the September 4, 2018 meeting, City Council reviewed a series of options prepared by staff pertaining to pole signs; at the conclusion of their discussion, City Council recommended that staff further review the potential options with the Chamber of Commerce and Ogden Avenue property owners. As directed, City and Naperville Development Partnership (NDP) staff attended the Chamber's Legislative Forum on September 26, 2018 to discuss pole signs, as well as other Ogden Avenue historic and proposed initiatives.

Based on general support for incentives to encourage the voluntary removal of non-conforming pole signs located along Ogden Avenue, City Council approved $30,000 in funding in the 2019 budget to create an Ogden Avenue Pole Sign grant program.

DISCUSSION:
There are approximately 49 existing non-conforming pole signs located along Ogden Avenue from Washington Street to Naperville's eastern boundary. In order to help determine the specifics of the proposed Ogden Avenue Pole Sign grant program, City and NDP staff have reserved April 23 and April 25, 2019 to meet with property owners/tenants that currently have a non-conforming pole sign on Ogden Avenue (invitations have been sent and emailed directly to those parties).

Using feedback gained from these meetings, City and NDP staff will draft a grant program for consideration by the City Council at a future meeting date. Upon City Council approval of this program, applications can be submitted and grant dollars awarded to qualifying applicants.

RECOMMENDATION:
Include this information in the April 18, 2019 MM.

Ogden Ave. Signage GRANT PROGRAM

April 23rd & April 25th
Half-Hour Appointments Between 10:00am - 3:00pm
Hosted By The City Of Naperville &
The Naperville Development Partnership



Attend a one-on-one discussion regarding the **Ogden Avenue Pole Sign Replacement Grant Program!** This is your chance to provide input regarding sign regulations, funding opportunities and issues specific to your property.

Reserve your time slot by clicking the link below and letting us know when you would like to stop in for a half hour appointment.

Click Here To Schedule Your Appointment

Project Name	Created	County	County Permit Num	Post Construction BMP	PCBMP Type
NCC Residence Hall	9/10/2014	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Uncle julio's - Freedom Plaza	5/7/2015	DuPage	N/A	Offsite	Oil/Grit/Mechanical Separator
JSG Subdivision	5/13/2015	DuPage	N/A	Onsite	Other
Fogo de Chao - Freedom Plaza	6/30/2015	DuPage	N/A	Offsite	Oil/Grit/Mechanical Separator
Water Street District	2/5/2015	DuPage	07-25-0017	Onsite	Underground Detention
Iron Gate Motor Condos	3/21/2014	DuPage	10-25-0005	Onsite	Stormwater Facility With Native Plantings
1044 S. Route 59	9/1/2015	DuPage	N/A	Onsite	Other
Villas at Trafford Place	9/4/2015	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
HarborChase	3/2/2015	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Burlington Meadows Subdivision	3/12/2015	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Freedom Commons Lot 1	4/17/2015	DuPage	N/A	Onsite	Vegetated Swale
Pita Inn - Freedom Plaza	6/7/2016	DuPage	N/A	Offsite	Oil/Grit/Mechanical Separator
Atwater	10/5/2015	DuPage	15-25-0004	Onsite	Stormwater Facility With Native Plantings
Naperville Center for Sleep Medicine	8/4/2016	Will	N/A	Onsite	Infiltration Trench
Bauer Place Phase 1 and Phase 2	8/11/2016	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
84 Lumber	9/26/2016	DuPage	N/A	Onsite	Porous Pavement
NCC Brainard Parking Lot	9/30/2016	DuPage	N/A	Offsite	Stormwater Facility With Native Plantings
Metro Storage	10/21/2016	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Sedgwick	10/6/2016	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Iron Gate Phase 2A	3/2/2016	DuPage	10-25-0005	Onsite	Stormwater Facility With Native Plantings
Linden Woods	4/25/2016	DuPage	15-25-0002	Onsite	Stormwater Facility With Native Plantings
Washington Street Pedestrian Bridge Project		Will	N/A	Onsite	Vegetated Swale
2151 Fisher Drive	12/14/2016	DuPage	16-25-002	Onsite	Stormwater Facility With Native Plantings
Charleston Reserve	1/9/2017	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
804 Jackson Sport Court		DuPage	N/A	Onsite	Infiltration Trench
Cima Pride - North Aurora		DuPage		Onsite	Underground Detention
Point Blank Gun Range		DuPage		Offsite	Stormwater Facility With Native Plantings
940 N Loomis	8/2/2017	DuPage	N/A	Onsite	Infiltration Trench
Olesen Pines - 7s771 (1036) Olesen Drive	8/2/2017	DuPage	N/A	Onsite	Infiltration Trench
Enterprise Rental Parking Expansion	8/2/2017	DuPage	N/A	Onsite	Underground Detention
80 Forest Ave	8/2/2017	DuPage	N/A	Onsite	Wet Pond
Party City Building Expansion		DuPage	17-25-0004	Onsite	Stormwater Facility With Native Plantings
Burlington Woods Estates	8/2/2017	DuPage	N/A	Onsite	Wet Pond
DMG Rickert Subdivision (Ogden Bend Development)	8/2/2017	DuPage	N/A	Onsite	Underground Detention
927 Watercress	8/2/2017	DuPage	N/A	Fee-in-lieu	Fee In Lieu
211 Claremont	8/2/2017	DuPage	N/A	Fee-in-lieu	Fee In Lieu
5S601 Tuthill Road	10/6/2015	DuPage	15-25-0005	Fee-in-lieu	Fee In Lieu
First Midwest Bank	8/6/2015	DuPage	N/A	Onsite	Infiltration Trench
Noah's of Naperville	4/28/2014	DuPage	N/A	Onsite	Oil/Grit/Mechanical Separator
ASHWOOD PARK SOUTH UNIT 3 PHASE 1 FULL ENGINEERING	7/17/2013	Will	N/A	Onsite	Wet Pond
Freedom Plaza	8/14/2013	DuPage	N/A	Onsite	Oil/Grit/Mechanical Separator
Naperville Center South	7/16/2013	DuPage	N/A	Onsite	Dry Detention
Ozark Automotive	7/16/2013	DuPage	N/A	Onsite	Dry Detention
Timber Grove Subdivision	10/24/2014	DuPage	N/A	Onsite	Infiltration Trench

Wisdom Path	12/18/2014	DuPage	N/A	Onsite	Infiltration Trench
Park's Edge	8/14/2015	DuPage	N/A	Onsite	Infiltration Trench
Park District Activity Center	3/4/2015	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Ellsworth Street Subdivision		DuPage		Onsite	Underground Detention
NCC Sesquicentennial Walkway Extension		DuPage		Onsite	Vegetated Swale
Charleston Row	8/2/2017	DuPage	N/A	Onsite	Underground Detention
Naperville Gymnastics	6/29/2015	DuPage	N/A	Onsite	Stormwater Facility With Native Plantings
Atwater Phase 2	8/4/2016	DuPage	15-25-0004	Onsite	Stormwater Facility With Native Plantings
Granite City - Freedom Plaza	1/27/2014	DuPage	N/A	Offsite	Oil/Grit/Mechanical Separator
Heatherfield Subdivision	7/21/2015	DuPage	15-25-0003	Onsite	Stormwater Facility With Native Plantings
The Ponds of Naperville Clubhouse		DuPage		Onsite	Vegetated Swale
1050 Prairie Avenue	9/21/2018	DuPage	N/A	Onsite	Drywell
803 W Jefferson	9/27/2018	DuPage	N/A	Onsite	Drywell
1050 Prairie Avenue	11/19/2018	DuPage	N/A	Onsite	Drywell
Charleston Row II	2/15/2019	DuPage		Infiltration Trench	Inflitration Trench
KLA Schools	2/21/2019	DuPage		StormTrap	Detention
KLA Schools	2/21/2019	DuPage		StormTrap-Detention	StormTrap-Detention
440 W Gartner Road	3/1/2019	DuPage		378 CF	Drywell
626 S Webster St	3/1/2019	DuPage		684 CF	Drywell
639 N Sleight St	3/1/2019	DuPage		521 CF	Infiltration Trench
403 Shadow Creek Court	3/1/2019	DuPage		452 CF	Infiltration Trench
223 Claremont Drive	3/8/2019	DuPage		5392 SF NNI	Fee-In-Lieu (awaiting proof)
Naperville Elderly Homes	3/12/2019	DuPage		1,743 CF	Infiltration Trench
Naperville Elderly Homes	3/12/2019	DuPage		1,313 CF	Rain Garden
361 S Columbia St.	3/28/2019	DuPage		344.4 cf	Sewer Trench and Subgrade
29 S Julian St	4/1/2019	DuPage		Yes (230 cf)	Drywell
29 S Julian St	4/1/2019	DuPage		Yes (136 cf)	Drywell


Bennington Woods Pond
Overflow Weir -Before


Bennington Woods Pond
Overflow Weir - After
12/19/2018


Evergreen Woods
Pond Bottom - Before


Evergreen Woods
Pond Bottom - After

NPDES #	Facility Name	Facility City	Facility Address	Owner Name	Phone Number	County	Date Received	More Info.	Uploaded Files
ILR10AP19	Salt Storage Facility Improvements	Oak Brook	Polo Dr and Joe Fullan Ct	Village of Oak Brook	630-368-5272	DU PAGE	02-01-2019	More Info.	View Files
ILR10AN26	Home Build - Lot 2	Oak Brook	10 Deerpath Lane	Mike Vennetti	708-912-9274	DU PAGE	01-08-2019	More Info.	View Files
ILR10AM47	SINGLE FAMILY IMPROVEMENT	OAK BROOK	2916 OAK BROOK HILLS RD	SAMIR SHARMA	312-961-2045	DU PAGE	12-03-2018	More Info.	View Files
ILR10AL44	3601 MADISON ST	OAK BROOK	3601 MADISON ST	ANTHONY BARBARA	630-789-1648	DU PAGE	10-26-2018	More Info.	View Files
ILR10AE57	CONTRACT 4388 ROADWAY REHABILITATION & WIDENING 1-294	OAK BROOK	I-294	ILLINOIS STATE TOLL HIGHWAY AUTHORITY	630-241-6800	COOK	06-19-2018	More Info.	View Files
ILR10AC71	PROPOSED PARKING EXPANSION	OAK BROOK	2122 YORK RD	YORK ROAD ASSOCIATES LLC	312-345-8780	DU PAGE	05-14-2018	More Info.	View Files
ILR10AB26	W.O. 116006, I-88 & Spring Rd	Oak Brook	Interstate 88 and Spring Road	Nicor Gas Company	630-388-3057	DU PAGE	04-24-2018	More Info.	View Files
ILR10AA28	Agha Residence	Oak Brook	2505 35th Street	A&E Luxury Homes	630-696-7431	DU PAGE	04-02-2018	More Info.	View Files
ILR10Z843	OAK BROOK CARVANA	OAK BROOK	720 ENETRPRISE DR	ELECMAT HOLDING LLC	708-417-1207	DU PAGE	03-01-2018	More Info.	View Files
ILR10Z746	LIFE TIME OAKBROOK CENTER	OAK BROOK	2 OAKBROOK CENTER	LIFE TIME HEALTHY WAY OF LIFE	952-229-7683	DU PAGE	02-13-2018	More Info.	View Files
ILR10Z766	CENTRAL PARK	Oak Brook	1500 Forest Gate Rd	Oak Brook Park District	630-645-9540	DU PAGE	02-16-2018	More Info.	View Files

American Society of Civil Engineers (ASCE) Illinois Section

Certificate of Attendance

James Patterson

participated in:

ILLINOIS MS4 IMPLEMENTATION SEMINAR

February 27, 2018

Schaumburg, IL

3.0 professional development hours

I hereby certify that on the above-mentioned date I did attend the event identified above, thereby earning the professional development hours listed.

IWEA

EWRI ENVIRONMENTAL & WATER RESOURCES INSTITUTE

APWA SUBURBAN BRANCH

Signed (attendee)

Matt Moffitt, P.E.
Chair, ASCE IL Section Environmental & Water Resources Institute

Illinois Association for Floodplain and Stormwater Management

Certificate of Training

James Patterson

has satisfactorily completed training during the

2018 IAFSM Annual Conference

Conducted by

The Illinois Association for Floodplain and Stormwater Management

Location: Tinley Park, Illinois
Date: March 14th and 15th, 2018

PDH Credits: 11.5
CEC Credits: 10

Diane Bouckaert, PE, CFM, CPESC
Chair, Education Outreach Committee

IAFSM
Illinois Association for Floodplain and Stormwater Management

Lake County Stormwater Management Commission

Certificate of Completion

is hereby granted to

James Patterson

to certify that he/she has completed to satisfaction

Designated Erosion Control Inspector Workshop

4.5 PDHs
4.5 CECs

April 5, 2018

Michael D. Warner, P.E., CFM
Executive Director

LAKE COUNTY
STORMWATER MANAGEMENT COMMISSION

Kurt A. Woolford, P.E., CFM
Chief Engineer

Public Works Training – NPDES

- APWA, North American Snow Conference, May 6-9, Lee Hammer

- APWA, Snow and Ice Leadership Seminar, August 14, Josh Crampton, Alex Strockis

- DuPage County & DRSCW, Public Roads Deicing Workshop, October 25, Matt Kennedy, Tyler Puetz

- DuPage County Stormwater Management, Green Infrastructure for MS4 Communities, December 13, Lee Hammer, Tyler Puetz

Public Works Good Housekeeping - 2018 Totals

- Leaf pickup - 6161 Cubic Yards
- Salt usage - 1246 Tons
- Street sweeping miles – 1069 miles
- Inlets cleaned – 79
- Catch basins cleaned – 28

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

217/782-0610

10/26/2018

GPATRICK HOMES LLC
WARREN MCELWAIN
318 EMERALD DR
STREAMWOOD, IL 60107

RE: FACILITY : BRYN MAWR VILLAGE, ROSELLE, IL
COUNTY : DU PAGE, NPDES Permit No : ILR10AK41
Notice of Coverage Under Construction Site Activity Storm Water General Permit

Dear NPDES Permittee:

We have reviewed your application and determined that storm water discharges associated with industrial activity from construction sites are appropriately covered by the attached General NPDES Permit issued by the Agency. Your discharge is covered by this permit effective as of the date of this letter or as identified by the conditions of the permit. The Permit as issued covers application requirements, a storm water pollution prevention plan and reporting requirements.

As a Permit Holder, it is your responsibility to:

1. Submit a modified Notice of Intent of any **ownership or address change** to the Permit Section within 30 days;
2. **A Notice of Termination** must be sent to the Agency, at the address indicated on the Notice of Termination, once your construction project has been **completed and the site is properly stabilized.** A Notice of Termination form has been enclosed for your convenience;

This letter shows your facility permit number below the construction site name. Please save this number and reference it in all future correspondence. Should you have any questions concerning the Permit, please contact Melissa Parrott at (217) 782-0610.

Very truly yours,

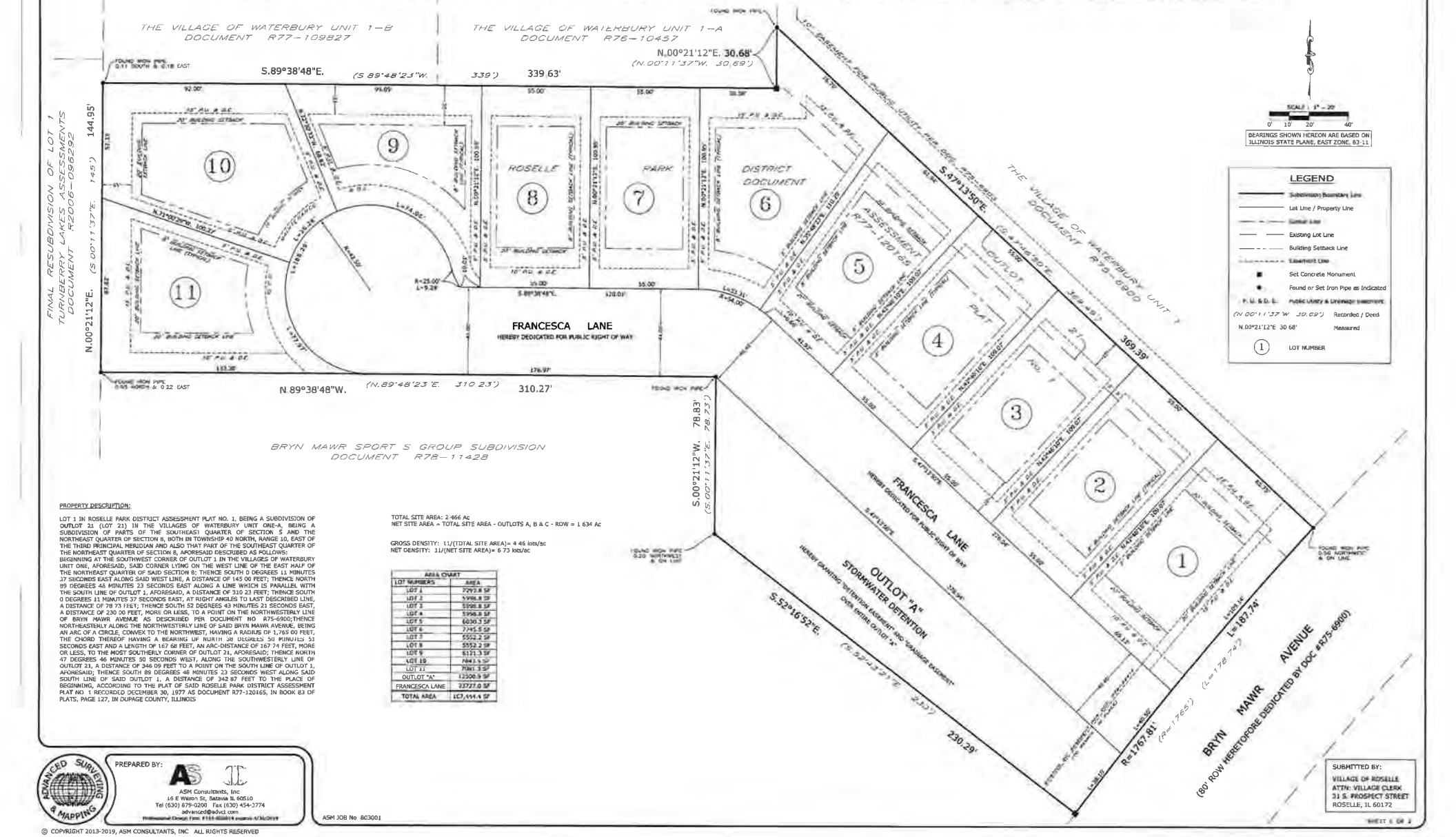
Amy L. Dragovich, P.E.
Manager, Permit Section
Division of Water Pollution Control

CC : Records Unit, County Engineers, DuPage County SWCD, Region : DesPlaines

BRYN MAWR VILLAGE SUBDIVISION

Exhibit A

BEING A RESUBDIVISION OF ROSELLE PARK DISTRICT ASSESSMENT PLAT NO. 1, BEING A RESUBDIVISION OF PART OF OUTLOT 21 (LOT 21) IN THE VILLAGES OF WATERBURY UNIT ONE-A, BEING A SUBDIVISION OF PART OF OUTLOT 1 IN THE VILLAGES OF WATERBURY UNIT ONE, BEING A SUBDIVISION OF PARTS OF THE SOUTHEAST QUARTER OF SECTION 5 AND THE NORTHEAST QUARTER OF SECTION 8, BOTH IN TOWNSHIP 40 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN AND ALSO: THAT PART OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 8, AFORESAID , DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF OUTLOT 1 IN THE VILLAGES OF WATERBURY UNIT ONE, AFORESAID, SAID CORNER LYING ON THE WEST LINE OF THE EAST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 8; THENCE SOUTH 0 DEGREES 11 MINUTES 37 SECONDS EAST, ALONG SAID WEST LINE, A DISTANCE OF 145.00 FEET; THENCE NORTH 89 DEGREES 48 MINUTES 23 SECONDS EAST, ALONG A LINE WHICH IS PARALLEL WITH THE SOUTH LINE OF OUTLOT 1, AFORESAID, A DISTANCE OF 310.23 FEET; THENCE SOUTH 0 DEGREES 11 MINUTES 37 SECONDS EAST, AT RIGHT ANGLES TO LAST DESCRIBED LINE, A DISTANCE OF 78.73 FEET; THENCE SOUTH 52 DEGREES 43 MINUTES 21 SECONDS EAST, A DISTANCE OF 230.00 FEET, MORE OR LESS, TO A POINT ON THE NORTHWESTERLY LINE OF BYRN MAWR AVENUES AS DEDICATED PER DOCUMENT NO. R75-6900; THENCE NORTHEASTERLY ALONG THE NORTHWESTERLY LINE OF SAID BRYN MAWR AVENUE, BEING AN ARC OF A CIRCLE, CONVEX TO THE NORTHWEST, HAVING A RADIUS OF 1765.00 FEET, THE CHORD THEREOF HAVING A BEARING OF NORTH 38 DEGREES 50 MINUTES 51 SECONDS EAST AND A LENGTH OF 167.68 FEET, AN ARC-DISTANCE OF 167.74 FEET, MORE OR LESS, TO THE MOST SOUTHERLY CORNER OF OUTLOT 21 AFORESAID; THENCE NORTH 47 DEGREES 46 MINUTES 50 SECONDS WEST, ALONG THE SOUTHWESTERLY LINE OUTLOT 21, A DISTANCE OF 346.09 FEET TO A POINT ON THE SOUTH LINE OF OUTLOT 1, AFORESAID; THENCE SOUTH 89 DEGREES 48 MINUTES 23 SECONDS WEST, ALONG SAID SOUTH LINE OF SAID OUTLOT 21 A DISTANCE OF 342.87 FEET TO THE PLACE OF BEGINNING, ALL IN DUPAGE COUNTY, ILLINOIS.



PROPERTY DESCRIPTION:

LOT 1 IN ROSELLE PARK DISTRICT ASSESSMENT PLAT NO. 1, BEING A SUBDIVISION OF OUTLOT 21 (LOT 21) IN THE VILLAGES OF WATERBURY UNIT ONE-A, BEING A SUBDIVISION OF PARTS OF THE SOUTHEAST QUARTER OF SECTION 5 AND THE NORTHEAST QUARTER OF SECTION 8, BOTH IN TOWNSHIP 40 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN AND ALSO THAT PART OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 8, AFORESAID DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF OUTLOT 1 IN THE VILLAGES OF WATERBURY UNIT ONE, AFORESAID, SAID CORNER LYING ON THE WEST LINE OF THE EAST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 8; THENCE SOUTH 0 DEGREES 11 MINUTES 37 SECONDS EAST ALONG SAID WEST LINE, A DISTANCE OF 145 00 FEET; THENCE NORTH 89 DEGREES 48 MINUTES 23 SECONDS EAST ALONG A LINE WHICH IS PARALLEL WITH THE SOUTH LINE OF OUTLOT 1, AFORESAID, A DISTANCE OF 310 23 FEET; THENCE SOUTH 0 DEGREES 11 MINUTES 37 SECONDS EAST, AT RIGHT ANGLES TO LAST DESCRIBED LINE, A DISTANCE OF 78 73 FEET; THENCE SOUTH 52 DEGREES 43 MINUTES 21 SECONDS EAST, A DISTANCE OF 230 00 FEET, MORE OR LESS, TO A POINT ON THE NORTHWESTERLY LINE OF BRYN MAWR AVENUE AS DESCRIBED PER DOCUMENT NO R75-6900;THENCE NORTHEASTERLY ALONG THE NORTHWESTERLY LINE OF SAID BRYN MAWR AVENUE, BEING AN ARC OF A CIRCLE, CONVEX TO THE NORTHWEST, HAVING A RADIUS OF 1,765 00 FEET, THE CHORD THEREOF HAVING A BEARING OF NORTH 38 DEGREES 50 MINUTES 51 SECONDS EAST AND A LENGTH OF 167 68 FEET, AN ARC-DISTANCE OF 167 74 FEET, MORE OR LESS, TO THE MOST SOUTHERLY CORNER OF OUTLOT 21, AFORESAID; THENCE NORTH 47 DEGREES 46 MINUTES 50 SECONDS WEST, ALONG THE SOUTHWESTERLY LINE OF OUTLOT 21, A DISTANCE OF 346 09 FEET TO A POINT ON THE SOUTH LINE OF OUTLOT 1, AFORESAID; THENCE SOUTH 89 DEGREES 48 MINUTES 23 SECONDS WEST ALONG SAID SOUTH LINE OF SAID OUTLOT 1, A DISTANCE OF 342 87 FEET TO THE PLACE OF BEGINNING, ACCORDING TO THE PLAT OF SAID ROSELLE PARK DISTRICT ASSESSMENT PLAT NO 1 RECORDED DECEMBER 30, 1977 AS DOCUMENT R77-120165, IN BOOK 83 OF PLATS, PAGE 127, IN DUPAGE COUNTY, ILLINOIS

TOTAL SITE AREA: 2 466 Ac
NET SITE AREA = TOTAL SITE AREA - OUTLOTS A, B & C - ROW = 1 634 Ac

GROSS DENSITY: 1 1/(TOTAL SITE AREA)= 4 46 lots/ac
NET DENSITY: 1 1/(NET SITE AREA)= 6 73 lots/ac

AREA CHART	
LOT NUMBERS	AREA
LOT 1	7293.8 SF
LOT 2	5996.8 SF
LOT 3	5996.8 SF
LOT 4	5996.8 SF
LOT 5	6030.3 SF
LOT 6	7745.5 SF
LOT 7	5552.2 SF
LOT 8	5552.2 SF
LOT 9	8121.3 SF
LOT 10	7843.5 SF
LOT 11	7061.3 SF
OUTLOT "A"	13500.9 SF
FRANCESCA LANE	23727.0 SF
TOTAL AREA	167,994.4 SF

PREPARED BY:
ASM Consultants, Inc
16 E Wilson St, Batavia IL 60510
Tel (630) 879-0200 Fax (630) 454-2774
advanced@advct.com
Professional Design Firm: 184.005019 expires 4/30/2019

ASM JOB No 803001

SUBMITTED BY:
VILLAGE OF ROSELLE
ATTN: VILLAGE CLERK
31 S. PROSPECT STREET
ROSELLE, IL 60172

SHEET 1 OF 2

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Certificate of Completion

This is to certify that

Jorge Jorda

has been awarded 4 Continuing Education Credits or Professional Development Hours for successfully completing the following Professional Development Courses:

Green Infrastructure for MS4 Communities
at NIU Naperville Conference Center
December 13, 2018

12/13/2018

Date

Anthony J. Charlton, PE- Director
DuPage County Stormwater Management
421 N. County Farm Road
Wheaton, Illinois 60187

Village of Roselle
Tradition Meets Tomorrow

Make a Difference:
Add a Rain Barrel to Your Garden
(and help an ash tree in your neighborhood*)

Fact: A quarter-inch of rain falling on the average home yields over 200 gallons of water.

Fact: 40 percent of household water is used in the yard during the hottest days of summer.

Rain barrels are simply large recycled containers that capture rainwater at the end of your downspout, and have a spigot on the front making captured rainwater available.



Rain Barrels:

- Reduce stress on our creeks and rivers
- Help recharge our local water supply
- Protect our streams and rivers from run-off pesticides and fertilizers
- Provide mineral-rich and chlorine-free rain water for gardens and houseplants
- Are sealed, safe and insect resistant

Our 55-gallon black, blue, grey, or terracotta colored recycled food grade plastic barrels are 21 inches in diameter and 34 inches tall. *Proceeds from the sale of rain barrels will help fund the treatment of trees against Emerald Ash Borer infestations in Roselle and for reforestation efforts following ash tree removals.

The barrels sell for $85.00 (plus tax) each and cash or check is accepted.
For additional information, please contact Village Clerk Patty Burns at (630) 671-2802.

Rain Barrel Order Form

Cost: $85 Per Barrel (plus tax)

Please complete the form below and return it to Village Hall, 31 S Prospect Street, with cash or a check payable to: **Village of Roselle**. This is a limited-time offer, based on availability.

Name: _____

Address: _____

Phone Number: _____

E-Mail Address: _____

Color (indicate quantity each): _____Black _____Blue _____Grey _____Terra Cotta
*We will do our best to supply the color barrel you have requested, although color cannot be guaranteed.

Amount enclosed: $ _____ **Cash:**_____ **Check number:**_____

Rain Barrel Stand
Sold separately



$25.00 ea.
plus tax

ROSELLE FIRE DEPARTMENT
Weekly Report

December 14, 2018 – January 3, 2019

ADMINISTRATION

Administratively, **Chief Anderson** and **Deputy Chief Bozik** attended the following meetings or events:

- Alliance Chief's Meeting (Dec 14th);
- Alliance Training Officers Meeting;
- Roselle Fire District Meeting
- MABAS 12 Technical Rescue Training Meeting.

TRAINING

Department personnel trained on the following topics:

- Alliance Multi-Company Drill Crews trained on **Firefighter Survival Training** at West Chicago's Training Center;
- Crews trained on **Alliance SOG Review, Solar Panel Review** and **Thermal Imaging Camera** Drills;
- **New Employee Orientation** Training.

OTHER ACTIVITIES

Personnel continued to review ambulance specifications and visited a number of departments to view their ambulances.

A number of interviews were conducted for part-time and anticipated Metro Contract vacancies.

INCIDENTS

On Thursday, December 27th at approximately 2:00pm, crews responded for a type of fuel spill in the creek near Park and Thorndale. Crews found Public Works trying to identify the source of what appeared to be diesel fuel coming from the storm drain into the creek. Absorbent booms were placed to contain the spill. PW and FD traced the spill all the way back to Prospect Street by Italian Pizza Kitchen where a delivery truck had broken down. The repairs made to the truck created a leak of approximately 15 gallons of diesel fuel. Oil dry was thrown on this and was not cleaned up prior. As a result, several hours of rain washed the fuel into the storm system and into the creek. Responsible parties were notified and an environmental clean-up company responded to continue mitigation efforts. The FD remained involved in the incident until approximately 6:00pm.

Roselle Public Works
Storm Sewer System Maintenance
Period: March 2018-March 2019

DATE: April 12, 2019
REVISED: April 16, 2019

	Location (2018)	***Notes***	***Date Completed***
1	RidgeCourt	Dig out, vacon, and animal covers	3/15/2018
2	Hastings Court	Replaced inlet frame & grate	4/3/2018
3	1535 Colony Lane	Formed and poured concrete	4/4/2018
4	Edenwood Drive & Dalton Lane	Hydroplug	4/4/2018
5	St. Walter Driveway	Repaired/mortar storm inlet	4/6/2018
6	Rose Drive E	Patched storm sewer	4/10/2018
7	South Metra Lot Detention Pond	Repaired FES & regraded ground	4/16/2018
8	610 Edenwood Drive	Adjusted storm manhole frame	5/3/2018
9	Main Street	Repaired/Patched storm manhole	5/8/2018
10	745 Oak Street	Installed new inlet structure	6/1/2018
11	Spring Street	Contractor replaced storm pipes	6/24/2018
12	727 Spring Street	Installed adjusting ring next to driveway	6/24/2018
13	Hampton outfall (under Central Ave)	Contractor replaced storm pipes	7/10/2018
14	W. Bryn Mawr Av by high school	Installed 10" storm pipes and 2 structures	7/25/2018
15	750 Mensching Road	Installed 12" box storm inlet	8/8/2018
16	870 Brandywine Drive	Hydroplug storm basin	8/8/2018
17	230 - 256 Lincoln Street	Installed 6" underdrains and 3 structures	8/9/2018
18	Springhill Drive and Hazel Court	Replaced roadway culvert	8/13/2018
19	1617 Indian Hill Drive	Replaced roadway culvert	8/14/2018
20	650 Woodfield Trail	Contractor replaced storm pipes	8/15/2019
21	Heritage Drive and Valley Road	Repaired/Patched storm manhole	8/20/2018
22	Avebury Lane & Dalton Lane	Hydro-excavate & pour concrete collar	8/21/2018
23	Orchard Terrace & White Oak Drive	Replaced roadway culverts	8/23/2018
24	Brookwood Court/Spring Street	Locate buried manhole	8/24/2018
25	Headwall at Central Avenue	Hydroplug holes in pipes	9/7/2018
26	Twin Culverts under Central Avenue	Contractor repaired the twin-culvert pipes	9/15/2018
27	Bokelman St & Hattendorf Av	New riser and form and concrete front	9/18/2018
28	31 E. Pine Avenue	Daylight clay pipe by parkway	9/19/2018
29	17 W. Glenlake Avenue	Replaced storm frame/grate	9/19/2018
30	659 Daisy Lane	Replaced adjustment ring 7 hydroplug	10/2/2018
31	Berwick Pl & Rodenburg Rd N & S	Replaced riser and brick front	10/2/2018
32	310 Jennifer Lane	Cleaned & Hydroplug storm structure	10/2/2018
33	Congress Circle & Chancellor Drive	Hydroplug & patched pavement	10/2/2018
34	Morningside Dr & Morningside Ct	Hydroplug	10/2/2018
35	Morningside Dr & Lawrence Av	Concrete front of manhole	10/2/2018
36	Behind Public Works Garage	Installed 2 new storm manholes	10/6/2018
37	Goose Lake Detention & Garden Av	Repaired field tile	10/22/2018
38	137-141 W. Hattendorf Avenue	Regraded ditches	10/29/2018
39			
40			

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 0540-3

Date 3/20/15 WM Order # 575131

Customer Village of Riverside

Job# _____ P.O. # _____

Location(s) Follow as usual

Start Time 7:00am **Finish Time** 3:30pm **Total** _____

Down Time _____ **Adj. Total** _____

Unit Type ☐ VAC ☐ HD **Loaded** _____ **Empty** _____

Driver Dave **Unit#** 303

Comments: 300 ✓ gallons of water

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 03/16/18-03/31/18
Invoice Date: 03/28/2018
Invoice Number: 3189837-2354-1

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**04/27/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$3,454.29** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
3,454.29		(3,454.29)		0.00		3,454.29		**3,454.29**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
Street sweeping flat	03/26/18	575131	1.00	3,454.29
Curbed				0.00
Ticket Total				**3,454.29**
Total Current Charges				**3,454.29**

Per Denise, Drive she is doing the curb with others - to prevent driving past others areas to get to the curb locations. So she incorporate it with regular sweep. Bill indicate curb.

RECEIVED
APR 04 2018
BY:_____

✂ ---------- *Please detach and send the lower portion with payment* --- *(no cash or staples)* ----------

WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
03/28/2018	3189837-2354-1	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 04/27/2018	$3,454.29	$3,454.29

2354000135231423001031898370000034542900000345429 3

0000116 NX 7087 -C03-P00116-I1 I2354O31

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

THINK GREEN®

Printed on recycled paper.

803-105043-2354-7

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 059043

Date 3-27-18 WM Order # 575683

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Orange not done

Start Time 7 0Hr Finish Time 3:00pm Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver _____ Unit# 303

Comments: Winter ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 059043

Date 3-28-18 WM Order # 575684

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Yellowstone / Red not done

Start Time 6:30AM Finish Time 3:00pm Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver _____ Unit# 303

Comments: 300 Yellow Winter ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 3/29/18 WM Order # 5756485

Customer VG Rosello

Job# _____ P.O. # _____

Location(s) Red not done

Start Time 7:30am **Finish Time** 3:00pm **Total** _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Dennis Unit# 303

Comments: Can't ✓

_____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 3/30/18 WM Order # 5756846

Customer VG Rosello

Job# _____ P.O. # _____

Location(s) Red + Orange finished

Start Time 7:00am **Finish Time** 3:00pm **Total** _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Dennis Unit# 303

Comments: 300 gal left of water ✓

_____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/3/18 WM Order # 575799

Customer VG Koselka

Job# _____ P.O. # _____

Location(s) Blue Thorn and Stone

Start Time 7:00A Finish Time 1 6p Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Jesus Unit# 303

Comments: 30 yd Hook for winter

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/3/18 WM Order # 575798

Customer VG Koselka

Job# _____ P.O. # _____

Location(s) Blue Thorn and Stone

Start Time 7:00A Finish Time 1 6p Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Jesus Unit# 303

Comments: Quarter

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/9/18 WM Order # 575973

Customer Ug Roselle

Job# _____ P.O. # _____

Location(s) Yellow not Lane

Start Time 7:00AM Finish Time 3:00pm Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty X

Driver Duane ✓ Unit# 303

Comments: Owner

Authorized Customer Signature Dan Clifford

Print Name DAN Clifford

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/9/18 WM Order # 575974

Customer Ug Roselle

Job# _____ P.O. # _____

Location(s) Non curb per section

Start Time 7:00AM Finish Time 3:00pm Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty X

Driver Duane ✓ Unit# 303

Comments: Owner

Authorized Customer Signature Dan Clifford

Print Name DAN Clifford

Disclaimer: Customer is responsible for providing sufficient authorized water suppl complete this job. Customer assumes liability for a disposal location and subsequent rem of materials accumulated during the course of this job. Those customers without water disposal facilities will incur additional charges (See back of ticket for additional informat

Thank Y

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/11/18 WM Order # 575975

Customer VG Roselle

Job# _____ P.O. # _____

Location(s) Orange

Start Time 7:00AM Finish Time 3:00pm Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Dwayne Unit# 303

Comments: 300 ✓ gallons of water

Authorized Customer Signature Terry DeMatio

Print Name TERRY DEMATIO

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/11/18 WM Order # 575976

Customer VG Roselle

Job# _____ P.O. # _____

Location(s) Rod ✓

Start Time 6:30AM Finish Time 1:45pm Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Dwayne Unit# 303

Comments: 350 gallons of water

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 4/12/18 WM Order # 575977

Customer VFW Roselle

Job# _____ P.O. # _____

Location(s) Rod Dove, Yellow Dove

Start Time 7:00AM **Finish Time** 3:30p **Total** _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty 0

Driver Denise Unit# 375

Comments: 30 Yellow Dove Lantern

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

WASTE MANAGEMENT #2

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 04/01/18-04/15/18
Invoice Date: 04/16/2018
Invoice Number: 3189878-2354-5

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**05/16/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	~~$8,307.15~~ $4,852.86 See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
3,454.29		0.00		0.00		4,852.86		~~8,307.15~~

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	03/27/18	575683	1.00	0.00
Residential sweep				0.00
Ticket Total				**0.00**
No charge service	03/28/18	575684	1.00	0.00
Ticket Total				**0.00**
No charge service	03/29/18	575685	1.00	0.00
Ticket Total				**0.00**
No charge service	03/30/18	575686	1.00	0.00
Ticket Total				**0.00**
No charge service	04/02/18	575799	1.00	0.00
Ticket Total				**0.00**

RECEIVED
APR 25 2018
BY:

Please detach and send the lower portion with payment (no cash or staples)

WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
04/16/2018	3189878-2354-5	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 05/16/2018	~~$8,307.15~~	$4,852.86

23540001352314230010318987800000485286000008307157

0000001 NX 7103 -C03-P00001-I1 I2354O33

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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13523142300103189878 7

WASTE MANAGEMENT

Customer ID: **13-52314-23001**
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 04/01/18-04/15/18
Invoice Date: 04/16/2018
Invoice Number: 3189878-2354-5

Details for Service Location: **Customer ID: 13-52314-23001**
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904
PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	04/03/18	575878	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	04/09/18	575973	1.00	3,782.00
Curbed				0.00
Ticket Total				**3,782.00**
Street sweeping flat	04/09/18	575974	1.00	1,070.86
Non-curbed				0.00
Ticket Total				**OK - 1,070.86**
No charge service	04/10/18	575975	1.00	0.00
Ticket Total				**0.00**
No charge service	04/11/18	575976	1.00	0.00
Ticket Total				**0.00**
No charge service	04/12/18	575977	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**4,852.86**

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 2/14/18 WM Order # 576452

Customer Wal Mart

Job# _____ P.O. # _____

Location(s) Yellow (see note)

Start Time 7am Finish Time 3PM Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver _____ Unit# 354303

Comments: ✓

_____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 5-15-18 WM Order # 576483

Customer T of Roselle

Job# _____ P.O. # _____

Location(s) 10 yr at Rink

Start Time 7:30AM Finish Time 2:15PM Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver _____ Unit# 354303

Comments: 300 yr Class of ice ✓

_____

Authorized Customer Signature OK

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 6/6/18 WM Order # 576487

Customer Vic Gosselle

Job# _____ P.O. # _____

Location(s) Red not Door / Yellow Door

Start Time 7am Finish Time 3pm Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver V Hernandez Unit# _____

Comments: 300 gallons of pit dirt ✓

Authorized Customer Signature _____

Print Name MIKE SCHULZ

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 6/7/18 WM Order # 576485

Customer Vic Gosselle

Job# _____ P.O. # _____

Location(s) Red Door & Blue Lot Door

Start Time 7am Finish Time 2:30pm Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver P Hernandez Unit# 854

Comments: 300 gallons ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # _____

Date 5-6-14 WM Order # 5-6-14

Customer City of Berwyn

Job# _____ P.O. # _____

Location(s) _____

Start Time _____ Finish Time 3 pm (2:56) Actual Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver P. Hayward Unit# _____

Comments: Dirt on Curb & Gutter

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

WASTE MANAGEMENT #3

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 05/16/18-05/31/18
Invoice Date: 05/29/2018
Invoice Number: 3190073-2354-0

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**06/28/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$3,782.00** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
8,307.15		(8,307.15)		0.00		3,782.00		**3,782.00**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
Street sweeping flat	05/14/18	576482	1.00	3,782.00
Curbed				0.00
Ticket Total				**3,782.00**
No charge service	05/15/18	576483	1.00	0.00
Ticket Total				**0.00**
No charge service	05/16/18	576487	1.00	0.00
Ticket Total				**0.00**
No charge service	05/17/18	576485	1.00	0.00
Ticket Total				**0.00**
No charge service	05/18/18	576486	1.00	0.00
Ticket Total				**0.00**

Please detach and send the lower portion with payment --- (no cash or staples)

WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
05/29/2018	3190073-2354-0	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 06/28/2018	~~$3,782.00~~	$3237.12

2354000135231423001031900730000037820000000378200 3

0000225 NX 7149 -C03-P00225-I1 I2354O37

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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7 35SC 6V0050L 0V0

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105902

Date 6-12-18 WM Order # 57727

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Yellow - Loop

Start Time 7:00AM Finish Time 3:00 Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver _____ Unit# 854303

Comments: 300 gallons

_____

Authorized Customer Signature _____

Print Name Juan Hernandez

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105902

Date 6-12-18 WM Order # 57730

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) ORANGE Done

Start Time 7:15 AM Finish Time 2:00PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ❑ HD Loaded _____ Empty ✓

Driver Juan Hernandez Unit# 854303

Comments: _____

300 gallons of water

_____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 85763

Date 6 12 18 WM Order # 577310

Customer V of Rosle

Job# _____ P.O. # _____

Location(s) RED Wood

Start Time 7 DAM Finish Time 2 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver P Hernandez Unit# 854303

Comments: 300 gallons of water

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 06/01/18-06/15/18
Invoice Date: 06/16/2018
Invoice Number: 3190130-2354-8

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**07/16/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$7,291.55** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
3,782.00		0.00		0.00		3,509.55		**7,291.55**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
Street sweeping flat	06/11/18	577271	1.00	3,509.55
Curbed				0.00
Ticket Total				**3,509.55**
No charge service	06/12/18	577301	1.00	0.00
Ticket Total				**0.00**
No charge service	06/13/18	577319	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**3,509.55**

RECEIVED
JUN 21 2018
BY:

Please detach and send the lower portion with payment - - - (no cash or staples)

WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
06/16/2018	3190130-2354-8	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 07/16/2018	$7,291.55	

2354000135231423001031901300000035095500000729155 9

0000046 NX 7165 -C03-P00046-11 I2354O39

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 6-14-13 WM Order # 577348

Customer V of Roselle

Job# _____ P.O. # _____

Location(s) Blue & Board Done

Start Time _____ Finish Time _____ Total 10 hrs N/C

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854303

Comments: _____

300 Gallon of WATER

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904-3

Date 6-15-18 WM Order # 577400

Customer Village of Roselle

Job# _____ P.O.# _____

Location(s) Commuter Lots

Start Time 5:30A Finish Time 7:00A Total N/C

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854303

Comments: _____

Authorized Customer Signature Jorge Jorda

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105043

Date 6-19-18 WM Order # 577429

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Purple Route

Start Time 5:00 Finish Time 6:45 Total N/C

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854303

Comments: _____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: **13-52314-23001**
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 06/16/18-06/30/18
Invoice Date: 06/27/2018
Invoice Number: 3190202-2354-5

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**07/27/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$7,291.55** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
7,291.55		0.00		0.00		0.00		**7,291.55**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	06/14/18	577348	1.00	0.00
Ticket Total				**0.00**
No charge service	06/15/18	577400	1.00	0.00
Ticket Total				**0.00**
No charge service	06/19/18	577429	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**0.00**

RECEIVED
JUL 06 2018

Rest of #4 Sweeps
No Payment Due - this Invoice

h and send the lower portion with payment - - - (no cash or staples)

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
06/27/2018	3190202-2354-5	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 07/27/2018	$7,291.55	

3142300103190202000000000000000729155 2

0000160 NX 7178 -C03-P00160-I1 I2354O40

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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03-1059043-2354-7

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 6-25-18 WM Order # 577457

Customer Village of Rosemont

Job# _____ P.O. # _____

Location(s) Mannheim Road

Start Time 7:00am Finish Time _____ Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854303

Comments: 300 gallons of water ✓

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 6-26-18 WM Order # 577458

Customer Village of Rosemont

Job# _____ P.O. # _____

Location(s) ORANGE Durso

Start Time 7:00AM Finish Time 115 Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854303

Comments: 300 gallons of water x 2 ✓

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 6-28-18 WM Order # 577561

Customer Village of Rosemont

Job# _____ P.O. # _____

Location(s) RED & PURPLE Zone

Start Time 6:00AM Finish Time _____ Total _____

Down Time _____ Adj. Total _____

Unit Type ❑ VAC ❑ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854/803

Comments: 300 gal (ons) of WATER ✓ X2

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 6-28-18 WM Order # 577562

Customer Village of Rosemont

Job# _____ P.O. # _____

Location(s) Brown & Blue

Start Time 7:00AM Finish Time 12:05p Total _____

Down Time _____ Adj. Total _____

Unit Type ✓ VAC ❑ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854/803

Comments: 300 gallons of WATER ✓

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904

Date 7-9-18 WM Order # 577806

Customer Posse Co

Job# _____ P.O. # _____

Location(s) Midtown Hotel

Start Time 7:00 Finish Time 2:05 Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver P. Hernandez Unit# 854303

Comments: 300 gallons of water ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904

Date 7-10-18 WM Order # 577807

Customer Posse Co

Job# _____ P.O. # _____

Location(s) ORANGE Room

Start Time 7:00AM Finish Time 4:15 Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver P. Hernandez Unit# 854303

Comments: 300 gallons of water ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supp
complete this job. Customer assumes liability for a disposal location and subsequent re
of materials accumulated during the course of this job. Those customers without wate
disposal facilities will incur additional charges (See back of ticket for additional informa

Thank Y

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 7-11-18 WM Order # 577808

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Rose Purple Row

Start Time 6:00AM Finish Time 1:30PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver PEDRO FERNANDEZ Unit# 854375

Comments: 300 gallons of water ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 7-12-18 WM Order # 577809

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Blue & Brown

Start Time 6:30 Finish Time 11:30 Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Fernandez Unit# 854375

Comments: _____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 07/01/18-07/15/18
Invoice Date: 07/16/2018
Invoice Number: 3190268-2354-6

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**08/15/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	~~$10,528.67~~ $7019.12 See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
7,291.55		(3,237.12)		(544.88)		7,019.12		**10,528.67**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
Street sweeping flat	06/25/18	577457	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**
No charge service	06/26/18	577458	1.00	0.00
Ticket Total				**0.00**
No charge service	06/27/18	577561	1.00	0.00
Ticket Total				**0.00**
No charge service	06/28/18	577562	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	07/09/18	577806	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**

✂ ---------- *Please detach and send the lower portion with payment --- (no cash or staples)* ----------

WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
07/16/2018	3190268-2354-6	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 08/15/2018	~~$10,528.67~~ 7019.12	$7019.12

2354000135231423001031902680000070191200001052867 8

0000027 NX 7194 -C03-P00027-I1 I2354O42

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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803-10503A3-2354-7

WASTE MANAGEMENT

Customer ID: **13-52314-23001**
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 07/01/18-07/15/18
Invoice Date: 07/16/2018
Invoice Number: 3190268-2354-6

Details for Service Location: **Customer ID: 13-52314-23001**
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904
PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	07/10/18	577807	1.00	0.00
Ticket Total				**0.00**
No charge service	07/11/18	577808	1.00	0.00
Ticket Total				**0.00**
No charge service	07/12/18	577809	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**7,019.12**

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1059043

Date 8-15-18 WM Order # 578495

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Orange Lane

Start Time 7:00AM Finish Time 1:00PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854375

Comments: _____

Authorized Customer Signature _____

Print Name Victor Ramirez

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

578561

Customer Account # OBU NOT USED

Date 8-15-18 WM Order # OBU NOT USED

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Reed & Purple Dove

Start Time 7:30AM Finish Time _____ Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854375

Comments: _____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904

Date 8-16-14 WM Order # 578497

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Brown & Blue Dore

Start Time 7:00A **Finish Time** _____ **Total** _____

Down Time _____ **Adj. Total** _____

Unit Type ☑ VAC ☐ HD **Loaded** _____ **Empty** ✓

Driver Pedro Hernandez **Unit#** 854 375

Comments: _____

_____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: **13-52314-23001**
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 08/01/18-08/15/18
Invoice Date: 08/16/2018
Invoice Number: 3190388-2354-2

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**09/15/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	~~$10,528.68~~ See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
10,528.67		(3,509.55)		0.00		3,509.56		~~10,528.68~~

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
Street sweeping flat	08/13/18 to 8/16/18	578494	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**
Total Current Charges				**3,509.56**

RECEIVED
AUG 27 2018
BY:

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WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
08/16/2018	3190388-2354-2	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 09/15/2018	~~$10,528.68~~	$3,509.56

2354000135231423001031903880000035095600001052868 5

0000389 NX 7226 -C03-P00389-I1 I2354O45

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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803-1059043-2354-7

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904 3

Date 8-27-18 WM Order # 578808

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Yellow Dots

Start Time 7:30 AM Finish Time 1:30PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854375

Comments: 300 G of water ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904 3

Date 8-28-18 WM Order # 578809

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Dots

Start Time 7:13AM Finish Time 10:45 Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854375

Comments: 300 G of water ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply complete this job. Customer assumes liability for a disposal location and subsequent remov of materials accumulated during the course of this job. Those customers without water &/ disposal facilities will incur additional charges (See back of ticket for additional informatio

Thank Yo

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904 3

Date 8-29-18 WM Order # 578810

Customer Village of Roscoe

Job# _____ P.O. # _____

Location(s) RED & PURPLE Zone

Start Time 7:11 AM Finish Time 1:00 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854375

Comments: 300 g. of water ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105904 3

Date 8-30-18 WM Order # 578811

Customer Village of Roscoe

Job# _____ P.O. # _____

Location(s) BLUE & BROWN Zone

Start Time 7:00 Finish Time _____ Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 854375

Comments: ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water & disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 08/16/18-08/31/18
Invoice Date: 08/29/2018
Invoice Number: 3190480-2354-7

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**09/28/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$7,019.12** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
10,528.68		(7,019.12)		0.00		3,509.56		7,019.12

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	08/14/18	578495	1.00	0.00
Ticket Total				**0.00**
No charge service	08/15/18	578561	1.00	0.00
Ticket Total				**0.00**
No charge service	08/16/18	578497	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	08/27/18	578808	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**
No charge service	08/28/18	578809	1.00	0.00
Ticket Total				**0.00**

WK 07 8/13/18

RECEIVED SEP 04 2018 BY:

WK: 07 8/22/18

Please detach and send the lower portion with payment --- (no cash or staples)

WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
08/29/2018	3190480-2354-7	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 09/28/2018	$7,019.12	$3,509.56

2354000135231423001031904800000035095600000701912 3

0000094 NX 7241 -C03-P00094-I1 I2354O46

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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803-1059043-2354-7

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 9-10-18 **WM Order #** 579123

Customer Village of Posen

Job# _____ **P.O. #** _____

Location(s) Yellow Done

Start Time 7 00 **Finish Time** 10:45 **Total** _____

Down Time _____ **Adj. Total** _____

Unit Type ☐ VAC ☐ HD **Loaded** _____ **Empty** ✓

Driver Pedro Hernandez **Unit#** 854375

Comments: 3cu yd Loose (WATER) ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 9-11-18 **WM Order #** 579124

Customer Village of Posen

Job# _____ **P.O. #** _____

Location(s) ORANGE DONE

Start Time 7:30 AM **Finish Time** 2:30 PM **Total** _____

Down Time _____ **Adj. Total** _____

Unit Type ☐ VAC ☐ HD **Loaded** _____ **Empty** ✓

Driver Pedro Hernandez **Unit#** 854375

Comments: _____

Authorized Customer Signature OK

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply t complete this job. Customer assumes liability for a disposal location and subsequent remova of materials accumulated during the course of this job. Those customers without water &/o disposal facilities will incur additional charges (See back of ticket for additional information

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 09/01/18-09/15/18
Invoice Date: 09/16/2018
Invoice Number: 3190605-2354-9

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**10/16/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	~~$10,528.68~~ $3,509.56 See Reverse for Important Messages

Pd 9/14/18

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
7,019.12		0.00		0.00		3,509.56		~~10,528.68~~

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	08/29/18	578810	1.00	0.00
Ticket Total				**0.00**
No charge service	08/30/18	578811	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	09/10/18	579123	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**
No charge service	09/11/18	579124	1.00	0.00
Ticket Total				**0.00**
Total Current Charges	9/13/18			**3,509.56**

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WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
09/16/2018	3190605-2354-9	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 10/16/2018	~~$10,528.68~~	$3,509.56

2354000135231423001031906050000035095600001052868 2

0000026 NX 7257 -C03-P00026-I1 I2354O49

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 9-11-18 WM Order # 579125

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Red & Purple

Start Time 7:30 pm Finish Time 1:45pm. Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 864375

Comments: _____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 9-13-18 WM Order # 579126

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Blue & Brown Line

Start Time 7:00pm Finish Time 1:30 Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 864375

Comments: _____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 9-25-18 WM Order # 579464

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Orange Zone

Start Time 7:15AM Finish Time 2:35 Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Posen/Brannon Unit# 554375

Comments: _____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 9-25-18 WM Order # 579405

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Orange Zone

Start Time 7:20 AM Finish Time 1:45PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Posen/Brannon Unit# 554375

Comments: 300 G. of WATER ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply complete this job. Customer assumes liability for a disposal location and subsequent remo of materials accumulated during the course of this job. Those customers without water & disposal facilities will incur additional charges (See back of ticket for additional informati

Thank Yo

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 09/16/18-09/30/18
Invoice Date: 09/26/2018
Invoice Number: 3190680-2354-2

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**10/26/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$7,019.12** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
10,528.68		(7,019.12)		0.00		3,509.56		**7,019.12**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	09/12/18	579125	1.00	0.00
Ticket Total				**0.00**
No charge service	09/13/18	579126	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	09/24/18	579404	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**
No charge service	09/25/18	579405	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**3,509.56**

RECEIVED
OCT 02 2018
BY:

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WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
09/26/2018	3190680-2354-2	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 10/26/2018	$7,019.12	$3,509.56

2354000135231423001031906800000035095600000701912 8

0000277 NX 7269 -C03-P00277-I1 I2354O50

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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803-1059043-2354-7

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 10-10-18 WM Order # 579734

Customer Village of Rosemont

Job# _____ P.O. # _____

Location(s) Durkin & RGD

Start Time 7:30AM Finish Time 4:30PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Hernandez Unit# 852375

Comments: ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 10-11-18 WM Order # 579735

Customer Village of Rosemont

Job# Brown P.O. # _____

Location(s) _____

Start Time 7:00PM. Finish Time 12:30PM. Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Hernandez Unit# 852375 ✓

Comments: _____

Authorized Customer Signature Ok

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water su complete this job. Customer assumes liability for a disposal location and subsequent of materials accumulated during the course of this job. Those customers without wa disposal facilities will incur additional charges (See back of ticket for additional infor

Thank

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105 9043

Date 10-8-18 WM Order # 579712

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Yellow Rose

Start Time 7:10 AM Finish Time 3:20 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 85375

Comments: 300 G of WATER.

Authorized Customer Signature Ok ✓

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105 9043

Date 10-9-18 WM Order # 579733

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Orange Line

Start Time 7:15 AM Finish Time 2:45 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# ✓

Comments: 300 G of WATER.

Authorized Customer Signature Ok

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply t complete this job. Customer assumes liability for a disposal location and subsequent remova of materials accumulated during the course of this job. Those customers without water &/ disposal facilities will incur additional charges (See back of ticket for additional information

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 9.20.18 WM Order # 579406

Customer Village of Glenco

Job# _____ P.O. # _____

Location(s) Park & Apple Lane

Start Time 7:00AM Finish Time 1:40pm Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Frank/Alexander Unit# 854375

Comments: 2nd g. of ann ✓

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105943

Date 9-27-18 WM Order # 579407

Customer Village of Glenco

Job# Blue & Brown P.O. # _____

Location(s) _____

Start Time 7:00AM Finish Time _____ Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Frank/Alexander Unit# 854375

Comments: ✓

Authorized Customer Signature [signature]

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 10/01/18-10/15/18
Invoice Date: 10/16/2018
Invoice Number: 3190731-2354-3

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**11/15/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	**$7,019.12** See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
7,019.12		(3,509.56)		0.00		3,509.56		**7,019.12**

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	09/26/18	579406	1.00	0.00
Ticket Total				**0.00**
No charge service	09/27/18	579407	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	10/08/18	579712	1.00	3,509.56
Curbed				0.00
Ticket Total				**3,509.56**
No charge service	10/09/18	579733	1.00	0.00
Ticket Total				**0.00**
No charge service	10/10/18	579734	1.00	0.00
Ticket Total				**0.00**

RECEIVED
OCT 23 2018
BY:

✂ ---------- *Please detach and send the lower portion with payment --- (no cash or staples)* ----------

WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
10/16/2018	3190731-2354-3	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 11/15/2018	~~$7,019.12~~	$3509.56

23540001352314230010319073100000350956000007019 12 9

0000030 NX 7288 -C03-P00030-I1 I2354O52

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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Printed on recycled paper.

803-1059043-2354-7

WASTE MANAGEMENT

Customer ID: 13-52314-2300
Customer Name: VILLAGE OF ROSELLE - RES
Service Period: 10/01/18-10/15/18
Invoice Date: 10/16/2018
Invoice Number: 3190731-2354-3

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	10/11/18	579735	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**3,509.56**

THINK GREEN.®

Printed on recycled paper.

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105947-3

Date 10-11-12 WM Order # 579582

Customer [illegible]

Job# _____ P.O. # _____

Location(s) 510 Gregory Pk

Start Time _____ **Finish Time** _____ **Total** _____

Down Time _____ **Adj. Total** _____

Unit Type ☑ VAC ☐ HD **Loaded** _____ **Empty** ✓

Driver Juan Hernandez **Unit#** 86375

Comments: _____

_____

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

Sweeping 866-747-4285

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Complaint 810 Quincy Drive Piles of leaves Called in and they will be back Monday.

Called back resident & left message 630-674-7825 3:25pm

Customer Account # 105947-3

Date 10-11-12 WM Order # 579582

Customer Village of [illegible]

Job# _____ P.O. # _____

Location(s) 810 Quincy

Start Time 7:15 AM **Finish Time** 11:30 **Total** _____

Down Time _____ **Adj. Total** _____

Unit Type ☑ VAC ☐ HD **Loaded** _____ **Empty** ✓

Driver Juan Hernandez **Unit#** 86375

Comments: 2nd Complaint

_____

Authorized Customer Signature [illegible] ✓

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 10-23-18 WM Order # 580019

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Garage & Forest 10-24-18

Start Time 7:15 AM Finish Time 3:45 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Jose Hernandez Unit# 552 375

Comments: 300 G of water JX ✓

Authorized Customer Signature Jorge Jorda 10-24-18

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 10-23-18 WM Order # 580019

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Garage 10/24/18

Start Time 7:15 AM Finish Time 3:45 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☐ VAC ☐ HD Loaded _____ Empty ✓

Driver Jose Hernandez Unit# 552 375

Comments: 300 G of water. ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 10-2-18 WM Order # 580020

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Trucks work (TUES - 10-2-18 & 10-25-18)

Start Time 7:10 AM Finish Time 5:40 Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Frank Hernandez Unit# 54375

Comments: 300 G of WATER 2x ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 105903

Date 10-25-18 WM Order # 580021

Customer Village of Posen

Job# _____ P.O. # _____

Location(s) Brown Done (Blue 10-2-18 & 10-25-18)

Start Time 5:40pm Finish Time _____ Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Pedro Hernandez Unit# 55375

Comments: 300 G of WATER ✓

Authorized Customer Signature _____

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

SWEEPING
5050 W. Pershing Rd.
Cicero, IL 60804
(800) 789-3350

Customer Account # 1057043

Date 10-20-18 WM Order # 580072

Customer Village of Roselle

Job# _____ P.O. # _____

Location(s) Fleming Acres

Start Time 7:21 AM Finish Time 1:40 PM Total _____

Down Time _____ Adj. Total _____

Unit Type ☑ VAC ☐ HD Loaded _____ Empty ✓

Driver Frank Hernandez Unit# 554375

Comments: 300 G of water 2X ✓

Authorized Customer Signature OK

Print Name _____

Disclaimer: Customer is responsible for providing sufficient authorized water supply to complete this job. Customer assumes liability for a disposal location and subsequent removal of materials accumulated during the course of this job. Those customers without water &/or disposal facilities will incur additional charges (See back of ticket for additional information).

Thank You

WASTE MANAGEMENT

INVOICE

Customer ID: 13-52314-23001
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 10/16/18-10/31/18
Invoice Date: 10/30/2018
Invoice Number: 3190815-2354-4

How To Contact Us	Your Payment Is Due	Your Total Due
Visit **wm.com** To setup your online profile, sign up for paperless statements, manage your account, view holiday schedules, pay your invoice or schedule a pickup Customer Service: **(800) 789-3350**	**11/29/2018** If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of $5, or such late charge allowed under applicable law, regulation or contract.	~~$7,019.12~~ $3,509.56 See Reverse for Important Messages

Previous Balance	+	Payments	+	Adjustments	+	Current Charges	=	Total Due
7,019.12		(3,509.56)		0.00		3,509.56		~~7,019.12~~

Details for Service Location:
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904

Customer ID: 13-52314-23001

PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	10/12/18	579830	1.00	0.00
Ticket Total				**0.00**
No charge service	10/15/18	579883	1.00	0.00
Ticket Total				**0.00**
Street sweeping flat	10/22/18	580018	1.00	3,509.56
Flat curbed				0.00
Ticket Total				**3,509.56**
No charge service	10/23/18	580019	1.00	0.00
Ticket Total				**0.00**
No charge service	10/24/18	580020	1.00	0.00
N/c				0.00
Ticket Total				**0.00**

NOV 12 2018

Please detach and send the lower portion with payment --- (no cash or staples)

WASTE MANAGEMENT
WASTE MANAGEMENT
ATTN: SWEEPING/TANKER BILLING
PO BOX 42390
PHOENIX, AZ 85080
(800) 789-3350

Invoice Date	Invoice Number	Customer ID *(Include with your payment)*
10/30/2018	3190815-2354-4	**13-52314-23001**
Payment Terms	**Total Due**	**Amount**
Total Due by 11/29/2018	~~$7,019.12~~ $3,509.56	$3,509.56

2354000135231423001031908150000035095600000701912 0

0000109 NX 7303 -C03-P00109-I1 I2354O53

VILLAGE OF ROSELLE - RESI
31 S PROSPECT ST
ROSELLE IL 60172-2097

WASTE MANAGEMENT
PO BOX 4648
CAROL STREAM, IL 60197-4648

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803-1059043-2354-7

WASTE MANAGEMENT

Customer ID: **13-52314-23001**
Customer Name: VILLAGE OF ROSELLE - RESI
Service Period: 10/16/18-10/31/18
Invoice Date: 10/30/2018
Invoice Number: 3190815-2354-4

Details for Service Location: **Customer ID: 13-52314-23001**
Roselle, Village Of-Resi(Tkt), 474 Congress Cir N, Roselle IL 60172-3904
PO#: 14910015-000

Description	Date	Ticket	Quantity	Amount
No charge service	10/25/18	580021	1.00	0.00
Ticket Total				**0.00**
No charge service	10/26/18	580022	1.00	0.00
Ticket Total				**0.00**
Total Current Charges				**3,509.56**

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. (MON.) TUE. WED. THUR. FRI. SAT. 1 1 2016 1/7/19

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	DM JP	:	:	:	:	10 :10		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	DM JP	:	:	:	:	10 :15		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon	DM JP	:	:	:	:	11 :35		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack	DM JP	:	:	:	:	10 :55		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side	DM JP	:	:	10 :50	:	:		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping	DM JP	:	:	10 :43	:	:		
S-7		•	FOSTER AVENUE BRIDGE	DM JP	:	:	:	:	10 :40		
S-8		•	LOT 372 BEHIND 400 LAKE STREET	DM JP	:	:	11 :10	:	:		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss	DM JP	:	:	10 :35	:	:		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream	DM JP	:	:	10 :27	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas	DM JP	:	9 :15	:	:	:		
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	DM JP	:	:	:	:	10 :55		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks	DM JP	:	:	:	:	10 :30		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack	DM JP	:	:	:	:	10 :30		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd	DM JP	:	:	:	:	10 :32		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

Joe Ken
Dave Mack

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 1 / 07 / 2016 2014

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	JP DM	2:20	:	:	:	:		
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry	JP DM	2:23	:	:	:	:		
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets	JP PM	2:25	:	:	:	:		
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts	JP PM	2:30	:	:	:	:		
		•	**MANARY PARK** ~ Pond grate		2:28						
M-5	X		**638 WOODFIELD TRAIL** Trash rack	JP PM	2:35	:	:	:	:		
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure	JP PM	2:38	:	:	:	:		
M-6		•	**310 JENNIFER LANE** Front yard flared end	JP PM	2:40	:	:	:	:		
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each	JP PM	2:56	:	:	:	:		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures	JP DM	2:56	:	:	:	:		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post	JP DM	3:00	:	:	:	:		
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park	JP DM	2:08	:	:	:	:		
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street	JP PM	2:04	:	:	:	:		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

Kevin/Brandon checked prior (AM) (PM)

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 10 / 31 / 2018

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	KC BS	:	:	:	:	7:40	Low	
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		:	:	:	:	7:43	Low	
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		:	:	7:45	:	:	High	SILT FENCE FROM CONSTRUCTION IS WORKING
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		:	:	7:53	:	:	Low	
		•	**MANARY PARK** ~ Pond grate								
M-5	X		**638 WOODFIELD TRAIL** Trash rack		:	:	:	:	8:03	Low	
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		:	:	:	:	8:10	Low	
M-6		•	**310 JENNIFER LANE** Front yard flared end		:	:	:	:	8:13	Low	
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		:	:	8:21	:	:	Low	
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		:	:	8:23	:	:	Low	
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		:	:	8:35	:	:	Low	
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		:	:	:	:	8:40	Low	
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street		:	:	:	:	8:43	Low	

X = During the storm event

• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. (WED) THUR. FRI. SAT. 10 / 31 / 2018 ~~2016~~

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		**HILL STREET @ CLARIA DRIVE** Trash rack	DM+JP	:	7 :55	:	:	:		
S-2	X		**54 W. ELM STREET** Trash rack, 90" storm sewer conveying Springbrook Creek	DM+JP	:	7 :59	:	:	:		
S-3		•	**WILLIAMS ST./DEVON AVE. DETENTION POND** Check restrictor on west side of Williams behind 355 Devon	DM&JP	:	9 :20	:	:	:		
S-4		•	**WALNUT AVENUE @ ROSELLE ROAD** Huge trash rack	DM+JP	:	:	:	:	8 :50		
S-5	X		**RUSH @ SPRING STREET** Trash rack and 12" pipe within - east side	DM+JP	:	8 :45	:	:	:		
S-6	X		**FOSTER AVENUE & SPRINGHILL DRIVE** Intersection piping	DM+JP	:	:	:	:	8 :35		
S-7		•	**FOSTER AVENUE BRIDGE**	DM+JP	:	:	:	:	8 :25		
S-8		•	**LOT 372 BEHIND 400 LAKE STREET**	DM+JP	:	9 :00	:	:	:		
S-9	X		**ACROSS FROM 611 WEST END ROAD** 4" restrictor beneath beehive, flow from south half of Clauss	PM&JP	:	8 :20	:	:	:		
S-10		•	**WEST END ROAD / WOODWORTH PLACE** High school pond outlet - Brookrose upstream	DM+JP	:	8 :10	:	:	:		
S-11	X	•	**CENTRAL AVENUE POND** Trash rack & overflow structure-across (north) R. Thomas	DM+JP	:	7 :43	:	:	:		
S-12	X	•	**23W556 W. WALNUT N & S SIDES OF STREET** Trash Racks	DM+JP	:	:	:	:	8 :50		
S-13	X	•	**Turner @ Hill SW, NW, & SE Corner** Trash Racks	DM+JP	:	:	:	:	8 :13		
S-14	X	•	**107 W TURNER FRONT YARD** Trash Rack	DM+JP	:	:	:	:	8 :13		
S-15	X	•	**280 &300 Heritage dr @ Valley Rd Side** Trash Rack & overflow structures east and west of valley rd	DM+JP	:	:	:	:	8 :16		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Demalio

Complete

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. (MON) TUE. WED. THUR. FRI. SAT. 10 / 08 / 2018 AM

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	JP DM	:	7:55	:	:	:		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	JP DM	:	7:59	7:57	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon	JP DM	:	9:05	:	:	:		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack	JP DM	:	:	:	:	8:37		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side	JP DM	:	:	:	:	8:33		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping	JP DM	:	:	:	:	8:27		
S-7		•	FOSTER AVENUE BRIDGE	JP DM	8:24	:	:	:	:		
S-8		•	LOT 372 BEHIND 400 LAKE STREET	JP DM	:	8:48	:	:	:		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss	JP DM	:	8:20	:	:	:		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream	JP DM	:	8:07	:	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas	JP DM	:	7:49	:	:	:		
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	JP DM	:	:	:	:	8:36		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks	JP DM	:	:	8:11	:	:		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack	JP DM	:	:	8:10	:	:		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd	JP DM	:	:	8:15	:	:		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Demalio

Joe Perri
Dave Mack
AM 10/08/18

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 10 / 8 / 2016

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	KC 135	:	:	7:34	:	:		
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		:	:	7:40	:	:		
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		:	:	:	:	7:53		
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		:	:	7:46	:	:		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		:	:	8:10	:	:		
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		:	:	:	:	8:13		
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		:	:	:	:	8:00		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		:	:	:	:	8:20		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. Oct / 8 / ~~2016~~ 2018

No.	X	•	Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	MC GG	7:10	:	:	:	7:13	low	
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		7:15	:	:	:	7:15	low	
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		7:16	:	:	:	7:16		
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		7:22	:	:	:	7:23		
		•	**MANARY PARK** ~ Pond grate		7:18				7:20		
M-5	X		**638 WOODFIELD TRAIL** Trash rack		7:26	:	:	:	7:27		
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		7:30	:	:	:	7:40		
M-6		•	**310 JENNIFER LANE** Front yard flared end		7:30	:	:	:	7:40		
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		7:45	:	:	:	7:47		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		7:45	:	:	:	7:47		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		7:51	:	:	:	7:55		
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		7:57	:	:	:	7:58		
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street		8:00	:	:	:	8:01		

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Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. Oct / 8 / ~~2016~~ 2018

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	GG EP	7 : 49	:	:	:	7 : 49	Low	
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		8 : 00	:	:	:	8 : 00		
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		8 : 01	:	:	:	8 : 01		
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		8 : 07	:	:	:	8 : 08		
		•	**MANARY PARK** ~ Pond grate		8 04				8 05		
M-5	X		**638 WOODFIELD TRAIL** Trash rack		8 : 14	:	:	:	8 : 15		
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		9 : 12	:	:	:	9 : 15		
M-6		•	**310 JENNIFER LANE** Front yard flared end		9 : 12	:	:	:	9 : 15		
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		9 : 12	:	:	:	9 : 15		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		9 : 12	:	:	:	9 : 15		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		9 : 18	:	:	:	9 : 20		
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		9 : 22	:	:	:	9 : 23		
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street	✓	9 : 25	:	:	:	9 : 26		

X = During the storm event

• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 10 / 5 / 2016

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	FC BS	:	:	7:50	:	:		
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		:	:	8:08	:	:		
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		:	:	:	:	9:12		
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		:	:	:	8 :	8:10		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		:	:	:	:	8:15		
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		:	:	:	:	8:23		
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		:	:	:	:	8:25		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		:	:	:	:	:		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. (FRI.) SAT. 10 / 05 / ~~2016~~ 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		**HILL STREET @ CLARIA DRIVE** Trash rack	JP DM	:	8 : 38	:	:	:		
S-2	X		**54 W. ELM STREET** Trash rack, 90" storm sewer conveying Springbrook Creek	JP DM	:	8 : 43	:	:	:		
S-3		•	**WILLIAMS ST./DEVON AVE. DETENTION POND** Check restrictor on west side of Williams behind 355 Devon	JP DM	11 : 15	:	:	:	:		
S-4		•	**WALNUT AVENUE @ ROSELLE ROAD** Huge trash rack	JP DM	10 : 37	:	:	:	:		
S-5	X		**RUSH @ SPRING STREET** Trash rack and 12" pipe within - east side	JP DM	10 : 29	:	:	:	:		
S-6	X		**FOSTER AVENUE & SPRINGHILL DRIVE** Intersection piping	JP DM	10 : 20	:	:	:	:		
S-7		•	**FOSTER AVENUE BRIDGE**	JP DM	10 : 18	:	:	:	:		
S-8		•	**LOT 372 BEHIND 400 LAKE STREET**	JP DM	:	10 : 56	:	:	:		
S-9	X		**ACROSS FROM 611 WEST END ROAD** 4" restrictor beneath beehive, flow from south half of Clauss	JP DM	:	10 : 14	:	:	:		
S-10		•	**WEST END ROAD / WOODWORTH PLACE** High school pond outlet - Brookrose upstream	JP DM	:	8 : 50	:	:	:		
S-11	X	•	**CENTRAL AVENUE POND** Trash rack & overflow structure-across (north) R. Thomas	JP DM	11 : 20	:	:	:	:		
S-12	X	•	**23W556 W. WALNUT N & S SIDES OF STREET** Trash Racks	JP DM	10 : 35	:	:	:	:		
S-13	X	•	**Turner @ Hill SW, NW, & SE Corner** Trash Racks	JP DM	10 : 05	:	:	:	:		
S-14	X	•	**107 W TURNER FRONT YARD** Trash Rack	JP DM	10 : 04	:	:	:	:		
S-15	X	•	**280 &300 Heritage dr @ Valley Rd Side** Trash Rack & overflow structures east and west of valley rd	JP DM	10 : 08	:	:	:	:		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Demalio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 10 / 3/ / 2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	KC BS	:	:	10:15	:	:	Low	
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		:	:	10:22	:	:	Low	
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		:	:	:	:	10:35	Low	
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		:	:	:	:	10:30	Low	
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		:	:	:	:	10:40	Low	
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		:	:	:	:	10:43	Low	
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		:	:	:	:	10:48	Low	
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		:	:	:	:	10:53	Low	

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 10 / 1 / 2018

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	KC BS	:	:	:	:	8:20		
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		:	:	:	:	8:22		
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		:	:	:	:	8:23		
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		:	:	8:33	:	:		
		•	**MANARY PARK** ~ Pond grate								
M-5	X		**638 WOODFIELD TRAIL** Trash rack		:	:	8:43	:	:		
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		:	:	:	:	8:56		
M-6		•	**310 JENNIFER LANE** Front yard flared end		:	:	:	:	8:47		
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		:	:	:	:	9:03		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		:	:	:	:	9:03		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		:	:	:	:	9:15		
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		:	:	:	:	9:18		
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street		:	:	:	:	9:21		

X = During the storm event

• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 10 / / / 2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	KC BS	:	:	:	:	10:30		
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		:	:	:	:	10:36		
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		:	:	:	:	10:49		
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		:	:	:	:	10:40		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		:	:	:	:	10:59		
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		:	:	:	:	11:05		
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		:	:	:	:	11:08		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		:	:	:	:	11:16		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. (MON) TUE. WED. THUR. FRI. SAT. 10 / 1 / 2016

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	HC BS	1:09	:	:	:	1:11		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek		1:12	:	:	:	1:16		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon		2:15	:	:	:	2:16		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack		1:53	:	:	:	1:54		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side		1:49	:	:	:	1:50		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping		1:45	:	:	:	1:46		
S-7		•	FOSTER AVENUE BRIDGE		1:42	:	:	:	1:43		
S-8		•	LOT 372 BEHIND 400 LAKE STREET		1:58	:	:	:	2:03		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss		1:40	:	:	:	1:41		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream		1:20	:	:	:	1:29		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas		1:02	:	:	:	1:06	LOW	
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks		1:41	:	:	:	1:41		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks		1:32	:	:	:	1:34		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack		1:35	:	:	:	1:35		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd		1:37	:	:	:	1:38		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. Sept 1 4 1 ~~2016~~ 2019

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	C-L-EP	7:03	:	:	:	7:04		
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		7:06	:	:	:	7:07		
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		7:07	:	:	:	7:09		
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		7:13	:	:	:	7:14		
		•	**MANARY PARK** ~ Pond grate		7:11				7:13		
M-5	X		**638 WOODFIELD TRAIL** Trash rack		7:18	:	:	:	7:19		
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		7:25	:	:	:	7:30		
M-6		•	**310 JENNIFER LANE** Front yard flared end		7:25	:	:	:	7:30		
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		7:37	:	:	:	7:39		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		7:37	:	:	:	7:39		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		7:44	:	:	:	7:44		
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		7:48	:	:	:	7:49		
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street		7:58	:	:	:	7:51		

X = During the storm event

• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. (TUE.) WED. THUR. FRI. SAT. 9 / 4 / ~~2016~~ 2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	JC	7:23	:	✓ :	:	7:28	Low	
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		7:32	:	✓ :	:	7:37	Medium	
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		7:39	:	:	:	7:39		
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		7:40	:	:	:	7:40		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		7:52	:	✓ :	:	7:58	Medium	
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		7:59	:	:	:	8:00	High - Flowing	
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		:	:	:	:	:		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks	✓	8:03	:	:	:	8:06		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. (TUE.) WED. THUR. FRI. SAT. 9 / 4 / 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	DM JP	:	7:18	7:18	:	:		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	DM JP	:	:	7:25	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon	DM JP	:	:	:	:	8:45		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack	DM JP	:	:	:	:	8:05		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side	DM JP	:	:	:	:	8:01		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping	DM JP	:	:	:	:	7:52		
S-7		•	FOSTER AVENUE BRIDGE	DM JP	:	:	:	:	7:50		
S-8		•	LOT 372 BEHIND 400 LAKE STREET	DM JP	:	:	8:19	:	:		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss	DM JP	:	:	7:42	:	:		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream	DM JP	:	:	7:07	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas	DM JP	:	:	:	:	7:00		
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	DM JP	:	:	:	:	8:05		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks	DM JP	:	:	7:32	:	:		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack	DM JP	:	:	:	:	7:32		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd	DM JP	:	:	:	:	7:37		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Glovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Demelio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 8 / 29 ~~2018~~ 2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1	✓	•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	DS BS	:	1:27	:	:	:		
D-2	X	✓	**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		:	1:28	:	:	:		LOW
D-3	X	✓	**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		:	:	:	:	7:34		
D-4	✓	•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		:	~~7:30~~	:	:	7:38		GOOD Flow
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		:	:	:	:	:		
D-6	✓	•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		:	:	:	:	7:53		LOW GOOD Flow
D-7	✓	•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		:	:	:	:	8:06		
D-8	✓	•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		:	:	:	:	8:11		GOOD Flow

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
~~**RM** Rob Marchinski~~
GG Gino Giovenco
~~**JM** John Murphy~~
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

El. in Forest

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. (WED.) THUR. FRI. SAT. 8 / 29 / 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	DM JP	:	:	:	:	7 :10		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	DM JP	:	:	7 :20	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon	DM JP	:	:	:	:	8 55		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack	DM JP	:	:	:	:	7 :65		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side	DM JP	:	:	8 :09	:	:		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping	DM JP	:	:	:	:	7 :47		
S-7		•	FOSTER AVENUE BRIDGE	DM JP	:	:	:	:	7 :43		
S-8		•	LOT 372 BEHIND 400 LAKE STREET	DM JP	:	:	8 :36	:	:		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss	DM JP	:	:	:	:	7 :37		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream	DM JP	:	:	7 :28	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas	DM JP	:	:	7 :06	:	:		
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	DM JP	:	:	:	:	7 :55		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks	DM JP	:	:	:	:	7 :31		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack	DM JP	:	:	:	:	7 :31		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd	DM JP	:	:	:	:	7 :34		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Demalio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 8 / 20 / ~~2016~~ 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X	✓	HILL STREET @ CLARIA DRIVE Trash rack	DS JD	:	7:06	:	:	:		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	DS JD	:	7:12	:	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon		:	:	:	:	:		
S-4		• ✓	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack		:	:	:	:	:		
S-5	X	✓	RUSH @ SPRING STREET Trash rack and 12" pipe within - east side		:	:	:	:	7:38		
S-6	X	✓	FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping		:	:	:	:	7:33		
S-7		• ✓	FOSTER AVENUE BRIDGE		:	:	:	:	7:28		
S-8		• ✓	LOT 372 BEHIND 400 LAKE STREET		:	:	:	:	9~~7~~:35		
S-9	X	✓	ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss		:	:	:	:	7:23		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream		:	:	:	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas		:	:	:	:	:		
S-12	X	• ✓	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	DS JD	:	:	:	:	7:16		
S-13	X	• ✓	Turner @ Hill SW, NW, & SE Corner Trash Racks		:	:	:	:	7:20		
S-14	X	• ✓	107 W TURNER FRONT YARD Trash Rack		:	:	:	:	7:14		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd		:	:	:	:	:		

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Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 8 / 20 / 2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	DM BS	:	:	10 : 30	:	:		
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge	DM BS	:	:	10 : 38	:	:		
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot	DM BS	:	:	:	:	10 : 40		
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post	DM BS	:	:	10 : 41	:	:		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge	DM BS	:	:	:	:	11 : 00		
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo	DM BS	:	:	:	:	11 : 01		
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway	DM BS	:	:	:	:	10 : 58		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks	DM BS	:	:	:	:	11 : 15		

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Personnel Assigned:

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GG Gino Giovenco
JM John Murphy
DS Dale Sorci
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JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 8 / 6 / 2018 → 8/7/2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	JP + DM	:	:	:	:	11:11		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	JP + DM	:	:	11:15	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon		:	:	:	:	:		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack	JP + PH	:	:	:	:	11:16		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side	JP + DM	:	:	:	:	11:40		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping	JP + DM	:	:	:	:	11:35		
S-7		•	FOSTER AVENUE BRIDGE	JP + DM	:	:	:	:	11:31		
S-8		•	LOT 372 BEHIND 400 LAKE STREET	JP + DM	:	:	2:25	:	:		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss	JP + DM	:	:	:	:	11:25		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream	JP + DM	:	:	:	:	2:13		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas		:	:	:	:	:		
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	JP + DM	:	:	:	:	11:43		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks	JP + DM	:	:	:	:	11:20		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack	JP + DM	:	:	:	:	11:20		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd	JP + DM	:	:	:	:	11:22		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. (THUR.) FRI. SAT. 5 / 31 ~~2016~~ 2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	KC BS	9:15	:	:	:	:		
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		10:15	:	:	:	:		A LOT OF DEBRIS
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		10:20	:	:	:	:	/	
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		10:22	:	:	:	:		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		1030	:	:	:	:		CLEANED DEBRIS
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		10:38	:	:	:	:		
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		10:33	:	:	:	:		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		10:45	:	:	:	:		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. ~~THUR.~~ FRI. SAT. 5 / 31 / ~~2016~~ 2018

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	KC BS	7:20	:	:	:	:	Low	
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		7:21	:	:	:	:	Low	
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		7:22	:	:	:	:		
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		7:30	:	:	:	:	High	
		•	**MANARY PARK** ~ Pond grate								
M-5	X		**638 WOODFIELD TRAIL** Trash rack		7:38	:	:	:	:	Low	
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		7:45	:	:	:	:	Low	
M-6		•	**310 JENNIFER LANE** Front yard flared end		7:50	:	:	:	:		A LOT OF DEBRIS
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		8:10	:	:	:	:		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		8:11	:	:	:	:		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		8:20	:	:	:	:	High	
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		8:30	:	:	:	:	Low	
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street		8:35	:	:	:	:	Low	

X = During the storm event

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Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

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ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 5 / 31 / ~~2018~~ 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack		:	7:46	:	:	:		
S-2	X	✓	64 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek		:	7:54	:	:	:		
S-3		• ✓	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon		:	:	:	:	9:20		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack		:	:	:	:	:		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side		:	8:47	:	:	:		
S-6	X	✓	FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping		:	8:35	:	:	:		
S-7		• ✓	FOSTER AVENUE BRIDGE		:	:	:	:	8:22		
S-8		• ✓	LOT 372 BEHIND 400 LAKE STREET		:	9:07	:	:	:		
S-9	X	✓	ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss		:	:	:	:	8:06		Good Flow
S-10		• ✓	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream		:	7:30	:	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas		:	:	:	:	:		
S-12	X	• ✓	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks		:	:	:	:	8:01		
S-13	X	• ✓	Turner @ Hill SW, NW, & SE Corner Trash Racks		:	:	:	:	7:54		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack		:	:	:	:	:		
S-15	X	• ✓	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd		:	8:05	:	:	:		Good Flow

X = DURING THE STORM EVENT

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Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

H:\STORM SEWER MAINTENANCE LOG 3-16-16 new sheets

Dale/Joe 5-31-18

	MOWING SITES AND DATES MOWED:	DATES	DATES	DATES	DATES	DATES
1	474 CONGRESS CIRCLE NORTH (OUTLOT WEST OF BLDG.)	5/10	5/23	5/30	6/6	6/12
2	474 CONGRESS CIRCLE NORTH (back of building)	5/10	5/23	5/30	6/6	6/12
3	PERIMETER AT THE CENTRAL AVENUE DETENTION POND	5/10	5/23	5/30	6/7	6/12
4	PARKWAY ON THE SOUTH SIDE OF CENTRAL Between West End and Deeke		5/24	—	6/7	6/13
5	WEST PUMP STATION S.E. Corner of Mensching / Bryn Mawr	5/10	5/23	5/29	6/5	6/12
6	PARKWAY ON THE SOUTH SIDE OF MENSCHING Across from West Pump Station	5/10	5/23	5/29	6/5	6/12
7	BRENTWOOD COURT ISLAND	—	—	—	—	—
8	S.E. Corner of Forest and Mensching	—	—	—	—	—
9	BOOSTER STATION AT MENSCHING AND SUMMERFIELD	5/10	5/23	5/29	6/5	6/12
10	LOT AT WEST END AND HERITAGE	5/10	5/23	5/29	6/5	6/12
11	N.E. CORNER LAKE AND GARY	—	—	—	—	—
12	LOT 372 (SUMMERFIELD AND LAKE) (off of Fall Circle)	5/10	—	5/30	6/6	6/13
13	PARKWAYS ON RODENBURG NORTH OF TRAVIS TO THE RAILROAD TRACKS		5/23	5/29	6/6	6/12
14	S.W. CORNER TURNER AND ROSELLE		5/24	5/29	6/5	6/12
15	PARKWAY ON THE NORTH SIDE OF MAIN East of Starbucks to Spring		5/24	5/30	6/5	6/11
16	EAST END OF PLUM TREE LANE	5/16	5/25	5/30	6/6	6/11
17	EAST PUMPING STATION SITE	5/16	5/25	—	6/6	6/11
18	PARKWAY ON THE EAST SIDE OF PLUM GROVE Between Devon & Lawrence		5/25	~~5/31~~	6/5	6/12
19	4 Corners at Plum Grove Bridge		5/25	—	6/5	6/12
20	PARKWAY ON THE NORTH SIDE OF EAST DEVON Between Countryside Dr. and 514 E. Devon	5/16	5/25	5/31	6/5	6/11
21	CAREY AT ROSYLN	5/16	5/23	5/29	6/5	6/12
22	West site water tank (off of Cental by railroad spur track N. to the water tank) 1800 Central In and outside the fence		5/25	5/29	6/5	6/11
23	NORTH SIDE OF ARTHUR FROM MARION EAST TO DEAD END	5/16	5/25	5/29	6/5	6/11
24	CHERRY STREET CREEK		5/24	—	6/6	6/13
25	West Irving Park Rd. at Railroad tracks Village WELCOME SIGN on south side of Rd.		5/24	5/30	6/6	6/11
26	CHATBURG PARK	—	—	—	—	—
27	Ditch Leading into Devlin	—	—	5/29	6/6	6/13

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 6/21 ~~2016~~ 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X	✓	HILL STREET @ CLARIA DRIVE Trash rack	DSP	:	8:37	:	:	:		
S-2	X	✓	54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek		:	8:43	:	:	:		
S-3		• ✓	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon		:	:	:	:	10:20		
S-4	✓	•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack		:	:	:	:	9:24	High Flow	
S-5	X	✓	RUSH @ SPRING STREET Trash rack and 12" pipe within - east side		:	:	:	:	9:13	MED Level	
S-6	X	✓	FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping		:	:	:	:	9:07	Good Flow	
S-7		• ✓	FOSTER AVENUE BRIDGE		:	:	:	:	9:04	High Flow	
S-8		•	LOT 372 BEHIND 400 LAKE STREET		:	:	:	:	:		
S-9	X	✓	ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss		:	:	:	:	9:00		Good Flow
S-10		• ✓	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream		:	:	:	:	8:49		
S-11	X	• ✓	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas		:	:	:	:	:		
S-12	X	• ✓	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks		:	:	:	:	8:55		Good Flow
S-13	X	• ✓	Turner @ Hill SW, NW, & SE Corner Trash Racks		:	:	:	:	8:54		Flow over Lawn
S-14	X	• ✓	107 W TURNER FRONT YARD Trash Rack		:	:	:	:	8:53		High Flow
S-15	X	• ✓	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd		:	:	:	:	8:57		Holding water in Low Land and Flowing over Plate

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

Joe Perri, 6/22/18

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS 2018

DATE: SUN. MON. TUE. WED. THUR. (FRI.) SAT. 06 / 22 / ~~2016~~

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: AM HOURS CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	JP	:	7:45	:	:	:		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek		:	7:50	:	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon		:	:	:	:	8:45		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack		:	:	:	:	8:28		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side		:	:	:	:	8:25		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping		:	:	:	:	8:18		
S-7		•	FOSTER AVENUE BRIDGE		:	:	:	:	8:15	Medium	
S-8		•	LOT 372 BEHIND 400 LAKE STREET		:	:	:	:	9:15	High	Too High To Clear
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss		:	:	:	:	8:12		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream		:	8:00	:	:			BRUSH HOG SOON
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas		:	9:25	:	:	:		
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks		:	:	:	:	8:33		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks		:	:	:	:	8:06		
S-14	X	•	107 W TURNER FRONT YARD Trash Rack		:	:	:	:	8:05		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd		:	:	:	:	8:08		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. (THUR) FRI. SAT. 6 / 12 / 2018 ~~2016~~

No.			Meacham Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
M-1	X		**40 CHERRY STREET** Jersey barriers	KC TBS	:	8:00	:	:	:	High	
M-2		•	**GRANVILLE BRIDGE ~ Twin Culverts** Cherry Creek crossing, outlet for Turner Pond & 40 Cherry		8:05	:	:	:	:	High	
M-3	X		**DEE / GRANVILLE INTERSECTION** Curb inlets and two-high capacity parkway inlets		8:10	:	:	:	:	High	
M-4	X		**PLUM GROVE RD. @ VENTURA POND** Check notch and triple box culverts		:	8:20	:	:	:		
		•	**MANARY PARK** ~ Pond grate								
M-5	X		**638 WOODFIELD TRAIL** Trash rack		:	8:30	:	:	:		
M-6		•	**BEHIND 319 JENNIFER LANE** Detention pond overflow structure		:	8:45	:	:	:		
M-6		•	**310 JENNIFER LANE** Front yard flared end		:	:	8:50	:	:		
M-7	X	•	**HEATHERGREEN POND OUTLETS** Two outlets, sign post (marker) at each		:	:	9:03	:	:		
M-8	X		**ARTHUR / MARION INTERSECTION** Curb inlets structures		:	:	9:15	:	:		
M-9	X		**TURNER POND** East side trash rack; 6" low flow pipe marked with post		:	:	10:15	:	:		
M-10		•	**54" OUTLET STRUCTURE BEHIND 111 E. THORNDALE** Drains Hattendorf, Bokelman, Roselle / Irving Park		:	:	10:25	:	:		
M-11		•	**226 PARK LANE** Box culvert in rear yard Trash rack at street		:	:	10:30	:	:		

X = During the storm event

• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. (THUR.) FRI. SAT. 6/21/2018

No.			DuPage River West Branch Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
D-1		•	**"ROCK RUN BUNKER"** Edenwood west of Dalton	JP/MB	8:20	:	:	:	:		
D-2	X		**GOOSE LAKE NORTH OUTLET** Behind apartments - at "stream" gauge		8:35	:	:	:	:		
D-3	X		**"FISH GRATE BUNKER"** (Goose Lake North east of Waterbury School) & 54" trash rack at Rodenburg & School Parking Lot		:	8:30	:	:	:		
D-4		•	**GOOSE LAKE NORTH** Trash rack next to path - sign post		8:40	:	:	:	:		
D-5	X		**1075 FLAMINGO DRIVE** Wetland outlet - at "stream" gauge		9:05	:	:	:	:		
D-6		•	**FLAMINGO & PELICAN** Pond outlets both sides of Flamingo		9:08	:	:	:	:		
D-7		•	**HAMPTON IN THE PARK OUTLET** On Central Avenue (north side) in parkway		9:20	:	:	:	:		
D-8		•	**ASHBURY LANE WEST** Wetland outlet near railroad tracks		9:15	:	:	:	:		

X = During the storm event
• = Spring, Summer, Fall and after major event

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. (TUE.) WED. THUR. FRI. SAT. 05 / 15 / 2018 / 2016

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		HILL STREET @ CLARIA DRIVE Trash rack	J.P. D.S.	:	8:09	:	:	:		
S-2	X		54 W. ELM STREET Trash rack, 90" storm sewer conveying Springbrook Creek	J.P. D.S.	:	8:14	:	:	:		
S-3		•	WILLIAMS ST./DEVON AVE. DETENTION POND Check restrictor on west side of Williams behind 355 Devon	J.P. D.S.	:	:	:	:	9:24		
S-4		•	WALNUT AVENUE @ ROSELLE ROAD Huge trash rack	J.P. D.S.	:	[illegible]	:	:	9:18		
S-5	X		RUSH @ SPRING STREET Trash rack and 12" pipe within - east side	J.P. D.S.	:	9:15	:	:	:		
S-6	X		FOSTER AVENUE & SPRINGHILL DRIVE Intersection piping	J.P. D.S.	:	9:07	:	:	:		
S-7		•	FOSTER AVENUE BRIDGE	J.P. D.S	:	9:05	:	:	:		
S-8		•	LOT 372 BEHIND 400 LAKE STREET	J.P. D.S.	:	8:52	:	:	:		
S-9	X		ACROSS FROM 611 WEST END ROAD 4" restrictor beneath beehive, flow from south half of Clauss	J.P. D.S.	8:39	:	:	:	:		
S-10		•	WEST END ROAD / WOODWORTH PLACE High school pond outlet - Brookrose upstream	J.P. D.S.	:	8:30	:	:	:		
S-11	X	•	CENTRAL AVENUE POND Trash rack & overflow structure-across (north) R. Thomas	J.P. D.S.	:	:	:	:	9:30		Rob & Brandon cleaned
S-12	X	•	23W556 W. WALNUT N & S SIDES OF STREET Trash Racks	J.P. D.S.	:	[illegible]	:	:	8:36		
S-13	X	•	Turner @ Hill SW, NW, & SE Corner Trash Racks	J.P. D.S	:	8:35	:	:	:		Under Drain Running Going Over land
S-14	X	•	107 W TURNER FRONT YARD Trash Rack	J.P. D.S	:	8:35	:	:	:		
S-15	X	•	280 &300 Heritage dr @ Valley Rd Side Trash Rack & overflow structures east and west of valley rd	J.P. D.S.	:	:	:	:	8:38		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

ROSELLE PUBLIC WORKS

STORM SEWER STRUCTURE INSPECTION AND CLEANING LOCATIONS

DATE: SUN. MON. TUE. WED. THUR. FRI. SAT. 5 / 22 / ~~2016~~ 2018

No.			Springbrook Creek Tributary Structure Location:	INITIALS OF PERSONNEL ASSIGNED:	TIME OF INSPECTIONS / TASKS: CHECKED / INSPECTED STRUCTURE	DEBRIS REMOVED & CLEANED UP	CLEANED INLET AND GRATES	REPAIRED STRUCTURE	ALL CLEAR	WATER LEVEL	NOTES:
S-1	X		**HILL STREET @ CLARIA DRIVE** Trash rack		:	7:18	:	:	:		
S-2	X		**54 W. ELM STREET** Trash rack, 90" storm sewer conveying Springbrook Creek		:	7:26	:	:	:		
S-3		•	**WILLIAMS ST./DEVON AVE. DETENTION POND** Check restrictor on west side of Williams behind 355 Devon		:	:	:	:	8:32		
S-4		•	**WALNUT AVENUE @ ROSELLE ROAD** Huge trash rack		:	:	:	:	:		
S-5	X		**RUSH @ SPRING STREET** Trash rack and 12" pipe within - east side		:	~~4~~	:	:	7:56		
S-6	X		**FOSTER AVENUE & SPRINGHILL DRIVE** Intersection piping		:	7:50	:	:	:		
S-7		•	**FOSTER AVENUE BRIDGE**		:	:	:	:	7:48		
S-8		•	**LOT 372 BEHIND 400 LAKE STREET**		:	9:06	:	:	:		
S-9	X		**ACROSS FROM 611 WEST END ROAD** 4" restrictor beneath beehive, flow from south half of Clauss		:	:	:	:	~~8:14~~		Removed lock Key Broken in lock
S-10		•	**WEST END ROAD / WOODWORTH PLACE** High school pond outlet - Brookrose upstream		:	7:00	:	:	:		CUT OFF=LOCK
S-11	X	•	**CENTRAL AVENUE POND** Trash rack & overflow structure-across (north) R. Thomas		:	:	:	:	:		
S-12	X	•	**23W556 W. WALNUT N & S SIDES OF STREET** Trash Racks		:	:	:	:	7:42		
S-13	X	•	**Turner @ Hill SW, NW, & SE Corner** Trash Racks		:	:	:	:	7:39		UNDER DRAIN working
S-14	X	•	**107 W TURNER FRONT YARD** Trash Rack		:	:	:	:	7:38		
S-15	X	•	**280 &300 Heritage dr @ Valley Rd Side** Trash Rack & overflow structures east and west of valley rd		:	:	:	:	7:43		

X = DURING THE STORM EVENT

• = SPRING, SUMMER, FALL AND AFTER MAJOR EVENT

Personnel Assigned:

MB Mike Bills
RM Rob Marchinski
GG Gino Giovenco
JM John Murphy
DS Dale Sorci
BS Brandon Scurto
JD Jerry Dematio

March 2018 - March 2019	March - IAFSM	May - Pollution Prevention Seminar for MS4 Communities	October - Public Road Deicing Workshop
Kristine Hocking	X	X	
David Romero			
Phil Kuchler	X	X	X
Justin Miller			
Jamie Clark		X	X
John Satter			
Jamie Leonard			
Dave Neal			X
Bruce Padalik			X

Employee	Activity	Total Hours
Bruce	Storm Sewer Repair/Maintenance	32.5
Bruce	Manhole Clean/Replace/Repair	3.5
Jamie	Storm Sewer Repair/Maintenance	274
Jeff	Storm Sewer Repair/Maintenance	183.5
Jeff	Manhole Clean/Replace/Repair	38.5
Dave	Storm Sewer Repair/Maintenance	25.5
Dave	Manhole Clean/Replace/Repair	2
Dave	Street Sweeping	230.5
Rob	Storm Sewer Repair/Maintenance	179.5
Rob	Manhole Clean/Replace/Repair	13

WARRENVILLE NATURALLY

ENVIRONMENTAL ADVISORY COMMISSION

THE RESOURCE

Volume 11, Issue 1
Spring 2018

CELEBRATE ARBOR DAY!

When: Saturday, April 28, 2018
10:00 a.m. - Noon

Warrenville Park District Recreation Center
3S260 Warren Ave

Free tree giveaway, door prizes, kids crafts, live entertainment, light refreshments, environmental fair, and planting of the ceremonial tree

Celebrating 31 Years as a Tree City USA



Ceremonial Tree Planting Arbor Day 2017

HEALTHY LAWNS

It's time to start thinking about how to cultivate the healthiest yard you can this summer. It doesn't have to be hard or complicated, and you can save money as well.

A lawn without pesticides does not have to be an eyesore. Recommended practices include keeping lawn height at three inches to shade out weeds, hand pulling dandelions, and using corn gluten for natural fertilizer and weed-seed germination inhibition. There are many wonderful resources for caring for a natural lawn, particularly Midwest Pesticide Action Center and Pure Prairie Organics. Also, Harvard University maintains its lawns using only compost tea, and their program is available on their website.

Another option is to convert lawn over to native plantings, which are as healthful for native pollinators, songbirds, and other wildlife as they are for people. Greater DuPage Wild Ones are an excellent resource, as is the Morton Arboretum.

Bottom line? Healthy lawns keep our waterways clean and provide habitat for pollinators and other wildlife. Enjoy the beauty of monarchs resting on milkweed, goldfinches perched on coneflowers, and bees collecting pollen from Blackeyed Susans.



Submitted by EAC Commissioner Jean-Marie Kauth
Sources:
http://midwestpesticideaction.org/midwest-grows-green/, http://www.pureprairieorganics.net, http://energyandfacilities.harvard.edu/facilities-services/landscape-maintenance, http://dupage.wildones.org, and http://www.mortonarb.org/native-trees-midwest

11th Annual Shredding Day and Newly Added Electronics Recycling!

The Police Department is pleased to announce the inclusion of electronics recycling at the 11th annual Document Shredding Day event. The event will be held on Saturday, May 19, 2018, at the Warrenville Public Works facility, 3S346 Mignin Drive, from 9 a.m. to 12 noon.

This free (*) event is open to all residents of the community. Residents are encouraged to drop off their paper documents to be shredded. As with past events, please limit the quantity of items to three banker-sized boxes.



And, for the first time at this event, electronics recycling will be accepted. Items accepted for recycling include computers, laptops, servers, switches, modems, routers, batteries, UPS systems, printers, copiers, fax machines, circuit boards, cords, wires, toys, small appliances, stereo equipment, office equipment, telephone systems, cell phones, games, PDAs, and banking/financial/medical equipment.

Other larger items (e.g. televisions, microwaves, CRT/LCD monitors, mini refrigerators, etc.) will be accepted at the recycling drop-off location, **but will require a purchased voucher either at the event or prior to the event online.** More detailed information on accepted items, costs, and a link to purchase vouchers will be added to the City website and released through social media. Questions regarding this event may be directed to Police Deputy Chief Jacobson at (630) 393-2131 or jjacobson@warrenville.il.us.
(*) Larger electronic items require a fee to be paid prior to the item being accepted.

In observance of Memorial Day,
City Offices and the Police Department
Records Division will be closed on
Monday, May 28th.

DuPage River Sweep
Help Clean Up Ferry Creek

Mark your calendar to help make a positive change by helping to clean up and restore local waterways! The annual DuPage County River Sweep is a county-wide, self-coordinated, stream cleanup and restoration event.

Join EAC Commissioner Bob Kanara and other volunteers at 9:00 a.m., Saturday, May 19th, to clean up Ferry Creek.

Volunteers will meet at Kiwanis Park and are required to sign a waiver. For more information, call Bob at (630) 689-6168.

DuPage County RIVER SWEEP





City of Warrenville Public Works

OPEN HOUSE





City of Warrenville Public Works
3S346 Mignin Drive, Warrenville, IL 60555

WARRENVILLE
NATURALLY

OPEN HOUSE

Wednesday, May 23

3 p.m. - 7 p.m.

Public Works Building

3S346 Mignin Drive

FREE EVENT

OPEN TO THE PUBLIC

FEATURING

Big Equipment to Explore!

Free promotional items

River Model

Water main Demo

And So Much More!

Call 630-836-3056

For more information

Environmental Advisory Commission

The Resource

Volume 11, Issue 2
Fall 2018

Skip the Straw

Single-use plastics, including straws, are used for a very short time. Plastic straws take around 200 years to break down into many small pieces, but never biodegrade or fully disappear. Plastic straws not only pollute landfills, but also can be found in oceans and harm marine life. According to a recent report by the market research firm Fredonia Group, in 2017 Americans used about 390 million plastic straws every day.[1]

What can be done to change this trend?

- Request drinks without a straw.
- Ask for an "opt-in" policy at restaurants.
- Paper, compostable, and reusable straws are available for those with disabilities or for drinks "to go".
- Spread the word and be aware of single-use plastic waste.

Submitted by EAC Commissioner Kathy Franke

Source: 1 https://get-green-now.com/environmental-impact-plastic-straws/



Image from: mercurynews.com

Styrofoam Recycling

Styrofoam recycling is available to the public at the Dart Container Corporation facility located at 310 Evergreen Drive, North Aurora, IL. The facility is open 24 hours a day, seven days a week. Collection area is at the front entry. Please adhere to the following guidelines when using this facility.

- Make sure the foam has the 6 PS symbol.
- Please place foam in clear, sealed bags.
- Place packaging foam and food service containers in separate bags.
- Food service containers MUST be clean and rinsed.
- No straws, lids, plastic wrap, or trash.
- No packaging peanuts. UPS and FedEx no longer accept #6 Plastic Peanuts because they do not use them anymore. Some packaging peanuts are biodegradable, one way to test that is dropping the peanuts in water. If they dissolve, then they are biodegradable.
- No foam insulation.



Call (630) 896-4631 to schedule large deliveries.

Go to www.dart.biz.com or call (800) 288-CARE for more information.

Waste Management Cart Service

Waste Management (WM) offers City residents, that currently participate in City curbside refuse collection, the option to switch to once-per-week refuse collection with a 95-gallon cart. The cost of the cart is currently $21.42 per month. WM will bill residents directly and they will provide the cart and any other related equipment necessary for collection. To enroll, contact WM at (800) 796-9696.

The refuse sticker program is still available for those who wish to remain with that program. Currently, individual stickers are $4.87 each, or $24.35 for a sheet of five , and can be purchased at City Hall or Family Foods.

NOTE: Effective May 1, 2019 pricing:

	Current	Effective May 1
Individual sticker	$4.87	$5.04
Sheet of 5	$24.35	$25.20
95-gallon cart	$21.42	$22.17



Keep Waterways Free of Chlorides

Road salts traditionally used for deicing are carried into storm drains and streams via stormwater runoff. Once in waterways, these chlorides never fully dissipate and can be harmful for aquatic life. Residents are encouraged to utilize best management practices for snow and ice removal during the winter months.

Removing snow prior to applying a deicer, applying just enough to reduce hazard, sweeping up and properly storing salt after a storm for reuse are all good ways to reduce the levels of chlorides in DuPage County waterways this winter.



Employee Anniversaries

Congratulations to the following employee who is celebrating a milestone anniversary in February:

Erin Howard
Crossing Guard — 15 years

Hometown Happenings recognizes employees celebrating milestone 5, 10, 15, 20 or more years of employment.

Landlord Information

Do you own a rental property in Warrenville? If your tenant leaves and does not pay the water and sewer utility bill, City Code states that the property owner is responsible for the unpaid bill. Water and sewer service cannot be started for a new tenant until the previous tenant's bill has been paid in full.

As a landlord, you can check on your tenant's account balance. You may also request to receive a duplicate copy of your tenant's bill. Call (630) 393-5753 for more information.

2018-2019 City of West Chicago MS4 Highlights:

3/14/2018

WTP and Utility Division staff participated in Baxter and Woodman's NPDES Phase II Storm Water Pollution Prevention training. Members viewed the prepared PowerPoint presentation and took a quiz to verify retention of the information.

4/3/2018

Street Division staff participated in Baxter and Woodman's NPDES Phase II Storm Water Pollution Prevention training. Members viewed the prepared PowerPoint presentation and took a quiz to verify retention of the information.

4/27/2018

One member of Public Works staff attended the West Branch Watershed Workshop.

5/10/2018

Three members of Public Works staff attended a Pollution Prevention for MS4 Communities training session.

5/19/2018

One member of City Staff along with all members of the West Chicago Environmental Commission staffed a booth from 9:00 a.m. until 3:00 p.m. at the Annual Blooming Fest event. The group answered questions related to recycling, water conservation and other environmental related topics. Staff attracted people to the booth using give-a-ways that included reusable shopping bags, and chip clips donated by Groot Waste and Recycling Co., toilet leak detection tablets, and shower timers. Printed information downloaded from the DuPage County Storm Water management website was also available. Printed information pertaining to storm water management and recycling was inserted in the reusable bags before they were given away. Information was also provided for the West Chicago Adopt a Highway Program and rain barrel sales through the City website.

5/21/2018

City Council Approved Resolution No. 18-R-0033 – An Intergovernmental Agreement Between the City of West Chicago and the County of DuPage, Illinois, for the Implementation of the National Pollutant Discharge Elimination System Program in the West Branch DuPage River and Fox River Watersheds.

Summer 2018

SCARCE DuPage County Storm Drain Medallion Program, West Chicago Environmental Commission and the First United Methodist Church participated in this program, placing No Dumping Drains to River medallions on select storm sewer inlet backs in West Chicago.

Six PW staff members (supervisors and crew leaders) attend the 2018 Parking Lots & Sidewalk Deicing Workshop on 10/18/19 and the 2018 Public Roads Deicing Workshop on 10/25/18.

10/25/18

One enforcement action taken for report of gas spill in the detention pond at the Thorntons fuel station located at Rt. 59 and Rt. 38. The contaminant was contained in the pond, Code enforcement monitored cleanup over a period of five days 10/25/18 - 10/29/18.

Water Treatment Plant Tours

There were a total of 3 plant tours provided to residents, students, and educators between March 1, 2018 – March 1, 2019.

January 24, 2019

One member of City Staff attended the West Branch Watershed Workshop sponsored by the Conservation Foundation, and DuPage County Storm Water Management.

February 2019

Street Division staff participated in Baxter and Woodman's NPDES Phase II Storm Water Pollution Prevention training. Members viewed the prepared PowerPoint presentation and took a quiz to verify retention of the information.

SCARCE 2018 Summer Graduate Course Teachers Ready to Foster Global Citizens

This June SCARCE led two enthusiastic groups of teachers on our Where is Away? and Living Waters teacher courses. These teachers took a deep dive into water quality, resource conservation, recycling, and the human impact on the environment. Participants represent all grade levels and each left ready to infuse their classroom with lessons to inspire our next generation to strive towards a sustainable future for all. Lead the way!



Exploring water purification technology

Joe Munder, West Chicago Water Treatment Plant Superintendent (back row far right), lead 3 tours of the City's water treatment plant between March 1, 2018 – March 1, 2019 including this group of educators.

VILLAGE OF WESTMONT

ILR40 ANNUAL REPORT

MARCH 2018 – MARCH 2019

VILLAGE OF WESTMONT
PUBLIC WORKS DEPARTMENT
31 W. QUINCY STREET
WESTMONT, IL 60559
MAY 2019

How do you provide water quality brochures to the public? In office, online, or both?

The Village of Westmont endorses and utilizes DuPage County's general education and outreach programs on stormwater and water quality. Educational information to the public helps outline steps the public can take to help reduce pollutants in stormwater runoff. County staff has created and updated several handouts and brochures pertaining to sources of pollutants in waterways and water quality BMPs. Educational materials are distributed at public events, located on the County's website where the Village has established links to their site from the Village's website and paper copies are available at our Village Hall offices.

DuPage County Stormwater Management has taken advantage of technology to enhance outreach efforts. Their department runs Facebook, Twitter, Instagram and YouTube pages that detail water quality trends and highlight practices that can reduce the transport of pollutants into waterways. In recent years, DuPage County has created video public service announcements, videos detailing flood control facilities and water quality projects occurring around the County, and displayed billboards as part of a water quality campaign with seasonal messages. The Village of Westmont disseminates additional information to the public about Village infrastructure improvement projects affecting the environment, community events and public participation programs such as the recycling of cooking oil and latex paint and also the Electronics Recycling program; the Adopt a Highway program; the Holiday Light Collection program, Safe Disposal of Needles, Guest Speakers, and many other such activities run by the Village of Westmont Environmental Improvement Commission (EIC) through the Village website. Additionally the EIC meeting minutes are available online for the public to view.

DuPage County hosts events and participates in municipal & township education and outreach events on behalf of partnering MS4. List any additional community events you participated in or hosted.

In 2018, Public Works staff attended the following educational/seminars held sponsored by DuPage County Stormwater Management, Lower Des Plaines River Workgroup, APWA, and Conservation Foundation:

- APWA Snow and Ice Seminar (Addison, IL)
- DRSCW Parking Lots and Sidewalk Deicing Workshop (Wheaton, IL)
- LDRWG Parking Lots and Sidewalk Deicing Workshop (New Lenox, IL)
- DRSCW Public Roads Deicing Workshop (Wheaton, IL)
- LDRWG Public Roads Deicing Workshop (New Lenox, IL)

DuPage County sponsors countywide volunteer programs such as Adopt a Stream and the Storm Drain Stenciling programs. List any additional volunteer programs you coordinate or sponsor.

The Village participated in the following County sponsored events:

- Storm Drain Stenciling Program held on April 28th, 2018 (10 volunteers)

- River Sweep held on May 19th, 2018 (14 volunteers)
- Community Rain Barrel Program thru The Conservation Foundation (114 barrels sold)

The Village also sponsors the following events:

- Tree Seedling Giveaway (400 seedlings)
- Parkway Tree Program (600 trees planted)
- Assisting with the construction of Richmond Education Gardens and Apiary Project

DuPage County hosts stakeholder meetings and workshops at various locations throughout the year. List any additional meetings you hosted.

The Village is an active participant to the County's Stakeholders Meetings. The Municipal Engineers Discussion Group (MEDG) and Water Quality Stakeholder Committee meets on a regular basis to review and discuss program development as it pertains to Appendix J of the DuPage County Stormwater Management Plan and Federal Mandates.

The Village is also a member of the DuPage River Salt Creek Workgroup and the Lower Des Plaines River Watershed Group.

DuPage County conducts outfall inspections on behalf of permit partners for Illicit Discharge Detection and Elimination Program. Please list any additional inspections or if there were enforcement actions taken.

Village's Public Works also performs annual inspections of our outfall locations. Staff will also assist with any Illicit Discharge complaints.

Did your agency issue development permits for sites over 1 acre permit during the reporting year? Was every site over 1 acre required to provide soil erosion and sediment control measures? Did your agency conduct a soil erosion and sediment control plan review? Did you investigate all soil erosion and sediment control complaints received during the reporting year? Were construction sites inspected to ensure that soil erosion and sediment control requirements were being met?

During the 2018 reporting year, the Village issued three (3) development permits that the site was over one (1) acre.

1. North Warwick (400 Block) Stormwater Management Project: Construction of a stormwater management facility in a flood area. Stormwater Management area was restored using Native Plantings versus grass turf.
2. FDHQ Detention Modification Project: Construction of an expanded detention facility and restored with Wetland/Native Plantings. This project was awarded grant funding from the County's Water Quality Improvement Program.
3. Market Centre located at 6200 S. Cass Avenue: Development of a 14 acre parcel for the construction of an LA Fitness, boutique movie theater, and four (4) outlots.
4. Natatorium located at 275 Plaza Drive: Development of an indoor aquatic center on a

five (5) acre parcel.

5. Westview Hills Middle School located at 630 65th Street: Building Addition and Parking Lot construction on a twelve (12) acre site.

All development sites are required to provide Soil Erosion and Sediment Control Measures where staff does provide both Soil Erosion and Sediment Control Plan reviews and inspections to ensure compliance.

Does your agency issue permits for post construction best management practices? Were easements required over all site runoff storage facilities over one acre? Were three-year maintenance and monitoring periods required over BMPs containing native vegetation? Were these sites inspected during the establishment period?

For development sites that trigger DuPage County BMPs and PCBMPs, the Village will ensure compliance to the County's Stormwater Ordinance. All sites that require storage facilities must be placed within a Stormwater / Detention Easement. Staff will also require developments to provide a minimum of three (3) year Maintenance, Monitoring, and Reporting over the required BMPs that contain wetland/native plantings. The permittee will be required to provide necessary documentation each year until establishment is successful; otherwise the associated securities will not be released.

Did the supervisors who oversee maintenance of public surfaces attend a training on current green infrastructure, pollution prevention, and/or the de-icing workshop?

The Village of Westmont Public Works Department does have various Supervisory staff attend the listed training events. In 2018, the following staff attended the required training:

- Director of Public Works: Pollution Prevention for MS4 Communities (05/10/2018)
- Assistant Director of Public Works - Village Engineer: Salt Creek Watershed Workshop (01/31/2018), Pollution Prevention for MS4 Communities (05/10/2018), LDRWG Parking Lots and Sidewalks Deicing Workshop (10/16/2018), Salt Creek Workshop (10/24/2018), Green Infrastructure Seminar for MS4 Communities (12/13/2018)
- Public Works Foreman: LDRWG Public Roads Deicing Workshop (10/23/2018)

Does your agency follow an established good housekeeping program of inspection and maintenance of equipment and facilities?

The Village of Westmont is responsible for the care and upkeep of the general facilities, municipal roads, and associated maintenance yards. Many maintenance activities are most regularly performed directly by staff; however from time to time contractors are employed to perform specific activities. On-going education and training is provided to ensure that all of its employees have the knowledge and skills necessary to perform their functions effectively and efficiently.

Street sweeping operations are performed to reduce potential illicit discharges and to provide a clean environment. The curb lines of streets are cleaned on a rotating basis. The rotation may be

changed or interrupted if heavy rain occurs, the sweeper is out of order due to mechanical problems, or the Public Works Department experiences heavy workload. The in-house sweepers handle all service requests, special events and in-house construction jobs. Village streets are currently swept an average of 1,600 lane miles per year.

The Village has a catch basin and storm sewer maintenance program which is carried out by the Westmont Public Works Department. The Westmont Public Works Department currently inspects, cleans, and maintains the MS4 components on a routine annual basis of approximately 5% of the storm sewer pipe system and 10% of the catch basins. The debris that is collected by Public Works is taken to a specially designed and constructed storm sewer debris dump station which is located within the Public Works facility. This dump station is utilized for drying storm sewer debris prior to hauling the solid material off-site for proper disposal.

The Village of Westmont maintains its general facilities, municipal roads, associated maintenance yards, and other public areas. Municipal staff is responsible for Litter and Debris that can accumulate of Village property and roadway right-of-ways. Clean-up at park district recreation areas is the responsibility of the Westmont Park District. Village properties and right-of-ways (including municipal, Township, County and State right-of-ways within the MS4 limits) are cleaned by Public Works personnel on an as-needed basis.

Yard waste and leaves from private residences are collected through the refuse collection contractor. Yard waste is collected weekly from April till November which reduces debris from landing in the street and being caught in catch basins and flowing to the waterways.

During snow removal and ice control activities, salt, de-icing chemicals, abrasives and snow melt may pollute stormwater runoff. To address these potential pollutants, the following procedures for the "winter season" (November 1 through April 1) are implemented.

Roadway Ice Control:
The Village's goal is to use the minimal amount of salt, de-icing chemicals and additives necessary for effective control. Prior to November 1, preparation work to obtain seasonal readiness is completed. These tasks include: inspecting and reconditioning of spreaders and spinners, installing these items onto snow removal vehicles, performing test operations, and conducting effective driver training. Performing these preparatory tasks helps ensure that only the necessary level of salt is applied.

Village Public Works personnel has been taking measures to limit the use of salt due to its high cost and environmental impacts. Staff has reduced road salt usage by lowering the application rates for the salt when possible. Under certain circumstances only hills, curves, intersections, arterials, and collector streets and neighborhood connector roadways have been salted.

The Public Works Department is taking a proactive approach to snow and ice control by continuing to expand the anti-icing program. The program involves the application of

Therma Point R on specified streets prior to an expected storm. The application of the "supermix" through spray nozzles leaves a residual on the street which begins the melting action as soon as the snow begins to fall. This residual prevents the snow and ice from bonding to the pavement. The immediate melting action will not only give snow fighting crews time to respond but should also reduce the number of isolated slippery conditions which would normally require limited action by the Public Works Department. The program will concentrate on the downtown business district, arterials, and other known trouble spots around the Village. Anti-icing application will be done prior to storms as conditions allow. As we fully expect good results, it is our intention to continue the program each year.

Salt Delivery and Storage:
Steps are taken to ensure that the delivery, storage and distribution of salt does not pollute stormwater runoff from the Public Works yards. The floor of the salt storage building and adjacent receiving/unloading area are constructed of asphalt. Delivered salt is unloaded at the Village's storage dome located at 39 East Burlington Avenue. The Village has one salt dome and one covered storage bin.

Snow Plowing:
Snow plowing activities direct snow off the pavement and onto the parkways. This reduces the amount of salt, chemical additives, abrasives or other pollutants that go directly into the storm sewer system. Snow blowing, plowing or dumping into drainageways is not allowed.

Public Works Department washes all vehicles in an enclosed wash bay at their facility which drains to the sanitary sewer after passing through a triple-basin separator. Fire Department vehicles are washed at their respective fire stations in a similar manner. All Police and other smaller municipal vehicles are washed at a local privately-owned commercial car wash facility.

The Village maintains good housekeeping habits:

- Clean Facility – picking up trash/debris; sweeping out Public Works garage minimally monthly
- Containers are stored orderly and away from traffic to prevent spills
- Vehicles are cleaned inside garage which drains directly to Wastewater Treatment Plant
- Storage containers are properly labeled
- Plant chemicals, petroleum are stored inside the Public Works garage
- Building floor drains are piped back to the treatment facility

CITY OF WHEATON Illinois

ENGINEERING DEPARTMENT
303 W WESLEY STREET, WHEATON, IL, 60187
630.260.2065 | www.wheaton.il.us

April 5, 2019

The following statistics occurred between April 1, 2018 – March 31, 2019 and were the results of work performed by City of Wheaton Staff and City of Wheaton Environmental Improvement Commission members and volunteers.

- The Public Relations Division distributed environmental information via press releases (13), tweets (69), Facebook (112), and monthly newsletters. The City has more than 3,671 Facebook followers and more than 3,526 Twitter followers.

- Each week more than 3,290 subscribers receive the City's weekly email newsletter, Wheaton Weekly. Environmental messages are included whenever possible, reminding residents of upcoming electronic recycling events, Environmental Improvement Commission-sponsored events and programs, watering restrictions, environmental reminders, recycling tips and more.

- Environmental information is available on over 43 separate pages on the City of Wheaton website on topics such as flooding prevention, stormwater management to address pollutants, parkway ash tree replacement program, electronic recycling, keeping fats & oils out of the sewers, watering restrictions, yard waste/food scrap composting and more.

- Additionally, the City produced the following videos and PSAs which are shared on Facebook, Twitter, played on the City's government access channel (CWC10) and posted and promoted on the City's website:
  - City Scene: Dye Testing in the City Sewers
  - First-ever Syringe Collection Event
  - Free Paper Shredding Event (more than 2,500 views)
  - Leaf Disposal Reminders
  - Arbor Day Celebration

- Drainage Reviews (Private Property Meetings) were provided to all residents that requested one. This resulted in a total of 81 personal property site visits between April 1, 2018 and March 31, 2019.

- The Prairie Path Cleanup had a turnout of over 125 volunteers and included the collection of 71 bags of trash and 29 bags of recyclables.

WHEATON MAYOR MICHAEL J. GRESK CITY MANAGER MICHAEL DZUGAN
CITY COUNCIL: MICHAEL BARBIER | SUZANNE FITCH | JOHN PRENDIVILLE | JOHN RUTLEDGE | TODD SCALZO | PHILIP SUESS

- The Electronics Recycling Program had over 2070 cars come through and drop off electronics to be recycled during monthly events.

- The Adopt a Highway program resulted in at least 12 bags of trash being collected.

- The collection of fluorescent lights totaled 1472 light bulbs

- Over 24 Gallons of cooking oil was collected and 15000 lbs of paper shredded and recycled.

- The pumpkin composting event resulted in 8500 lbs of pumpkins being composted

- The City vacuum swept 11,006 miles of streets which equates to each mile of City street being swept of sediment and debris over 36 times in the reporting period.

- The Public Works Yard sediment baskets were removed and a permanent Stormceptor hydrodynamic separator installed.

- 37.9% of the City's storm sewer structures were inspected, cleaned, or maintained exceeding our goal of 30%. 178 Structures were inspected, 46 structures received repairs, 21 were replaced, and 1742 were cleaned.

- 22.2% of the City's storm sewer mains were inspected, cleaned, or maintained exceeding our goal of 10%. 164542 LF of storm sewer was cleaned and 52378 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 265 tons of sediment and debris removed from the MS4 and sent to a landfill.

Projects Performed During The 2018-2019 Permit Year

CITY OF WHEATON

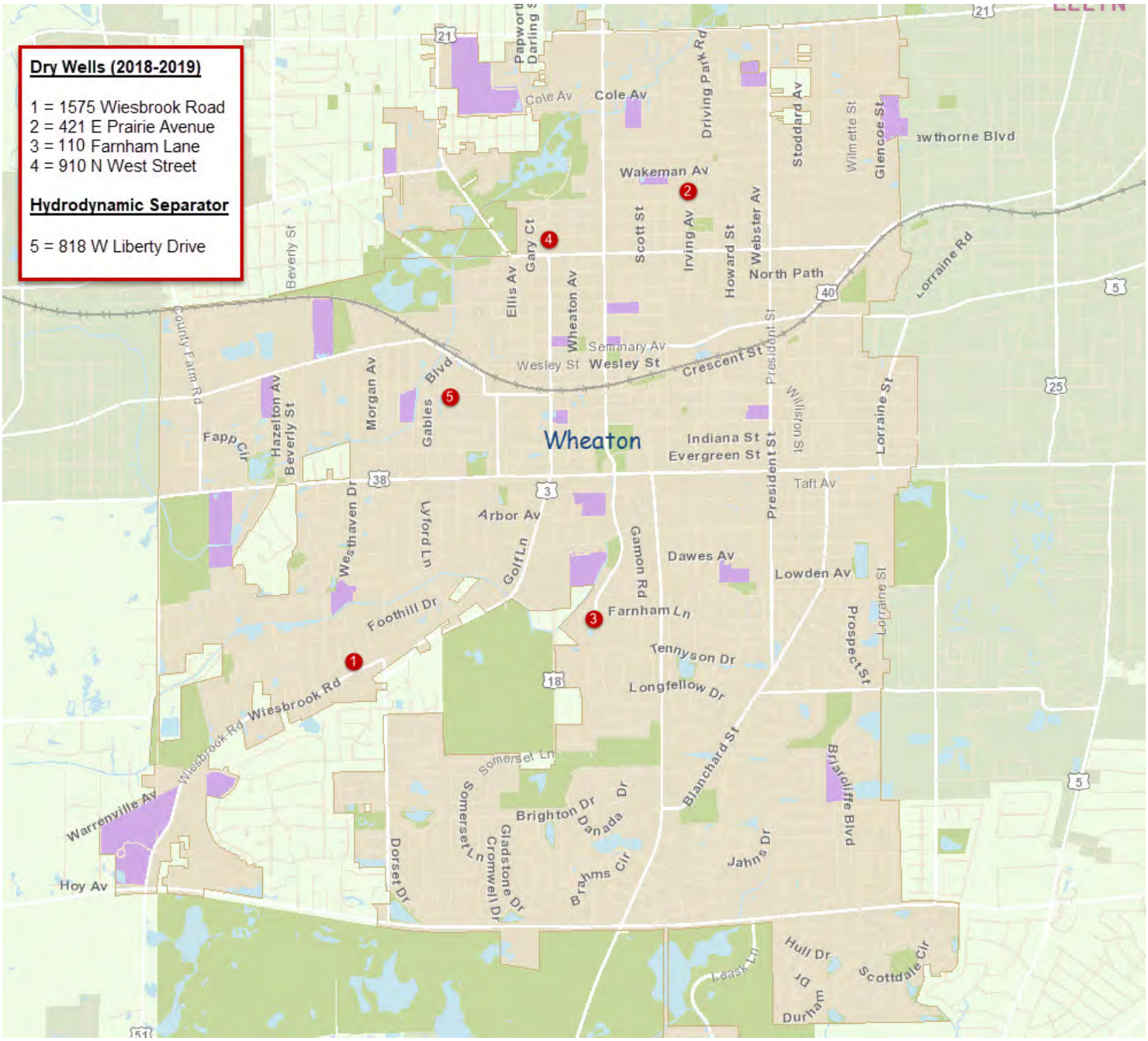
Location / Project name	Type of work	Start date – end date
2018 Road, Sewer, and Water Rehabilitation Program – Various streets	*Pavement resurfacing and general street maintenance*	*April 2018 – October 2018*
2018 Sewer Main Lining Project	*CIPP Liner to rehabilitate sanitary and storm mains*	*October 2018- January 2019*
2018 Manhole Rehabilitation Project	*Rehabilitated sanitary sewer manholes with Spectrashield*	*August 2018- October 2018*
Downtown Streetscape Utility Phase 2	*Pavement Patching, Water and Sewer Replacement*	*September 2018 – December 2018*
Parking Lot Reconstruction Lot #8	*Resurface/Reconstruct*	*June 2018 – August 2018*
Downtown Streetscape - Phase 1	*Street and Sidewalk replacement with pavement resurfacing*	*April 2018 – December 2018*
Sidewalk Replacement Program	*Replace defective sidewalk panels*	*June 2018 – September 2018*
New Sidewalk Installation	*Install new sidewalks at Park Avenue, Howard Street and Thomas Avenue*	*August 2018 – November 2018*
Public Works Yard Drive Replacement- 2	*Remove & Replace Existing Driveway Bay with PCC*	*July 2018 – September 2018*
West and Main Street LAFO Resurfacing Project	*Resurface 2 Connector Streets*	*May 2018 – December 2018*
Route 56 Headwall Repair Project	*Replace headwall*	*August 2018 – December 2018*

CITY OF
WHEATON
Illinois

ENGINEERING DEPARTMENT
303 W WESLEY STREET, WHEATON, IL, 60187
630.260.2065 | www.wheaton.il.us

April 5, 2019

The following Best Management Practices (BMP) were installed between April 1, 2018 – March 31, 2019.



WHEATON MAYOR MICHAEL J. GRESK CITY MANAGER MICHAEL DZUGAN
CITY COUNCIL: MICHAEL BARBIER | SUZANNE FITCH | JOHN PRENDIVILLE | JOHN RUTLEDGE | TODD SCALZO | PHILIP SUESS

The City of Wheaton had five BMP's permitted and constructed during the 2018-2019 permit cycle. The BMP's were four dry wells and one hydrodynamic separator and can be found at the following addresses:

- 1575 Wiesbrook Road
- 421 E Prairie Avenue
- 110 Farnham Lane
- 910 N West Street
- 818 W Liberty Drive

The method used by engineering to calculate the pollutant load resulting from the site/drainage area was the "Simple Method" (Schueler, 1987). Engineering used the New Hampshire Pollutant Removal Efficiency Appendix B to determine the amount of pollutants being removed by the Dry Wells.

Dry Well Summary of the Pollutant Removal

The TSS Removed Annually was found to be approximately 131.97 lbs

The TP Removed Annually was found to be approximately .45 lbs

The TN Removed Annually was found to be approximately 6.53 lbs

Dry Well Pollutant Removal Calculations

The Simple Method (Schueler, 1987)
L= 0.226 x R x C x A

L=Annual Load (lbs)
R=Annual Runoff (inches) (US EPA National Stormwater Calculator)
C=Pollutant Concentration (mg/L)
A=Area (acres)
.226 = Conversion Factor

Address	Area Roof (sq ft)	Area Drive (sq ft)
1575 Wiesbrook	2499	3629
421 E Prairie	13448	6894
110 Farnham	5013	9742
910 N West	5092	2071

AR Tot= 0.5980 acres R = 25.74"
AD Tot= 0.5127 acres

Water Quality Pollutant Removal (New Hampshire Pollutant Removal Efficiency Appendix B)				
BMP	TSS Removed	TP Removed	TN Removed	
Dry Well	90%	55%	60%	

Total TSS Loading = L_{TSS}= 0.226 x R x C x A
L_{TSS}= 146.6409

Total TP Loading = L_{TP}= 0.226 x R x C x A
L_{TP}= 0.830135

Total TN Loading = L_{TN}= 0.226 x R x C x A
L_{TN}= 10.88614

	Annually Removed (lbs)
TSS Removed =	131.9768296
TP Removed =	0.456574014
TN Removed =	6.531686815

New York State Stormwater Management Design Manual			
Constituent	TSS	TP	TN
	mg/L	mg/L	mg/L
Resid Roof	19	0.11	1.5
Comm Roof	9	0.14	2.1
Indust Roof	17	n/a	n/a
C/R Parking	27	0.15	1.9
Indust Parking	228	n/a	n/a
Res Street	172	0.55	1.4
Comm Street	468	n/a	n/a
Rural Hughway	51	n/a	22
Urban Highway	142	0.32	3
Lawns	602	2.1	9.1
Landscaping	37	n/a	n/a
Driveway	173	0.56	2.1
Gas Station	31	n/a	n/a
Auto Recycler	335	n/a	n/a
Heavy Industrial	124	n/a	n/a

TSS = Clayton and Schueler (1996), TP = Average of Steuer et al. (1997), Bannerman (1993) and Waschbusch (2000),

TN= Steuer et al. (1997)

Stormceptor Hydrodynamic Separator (HDS) Summary of the Pollutant Removal

A Stormceptor HDS was installed to combat TSS pollutant loading into the storm sewer which serviced the City's Public Works Storage Yard. The City installed a STC4800 model. Although this unit has an 85% removal for OK-110 particle distribution, staff believes the public works yard has a finer sediment distribution. This was accounted for during selection of the HDS and TSS removal was found to be 81% for a Fine (organics, silts and sand) particle size distribution.

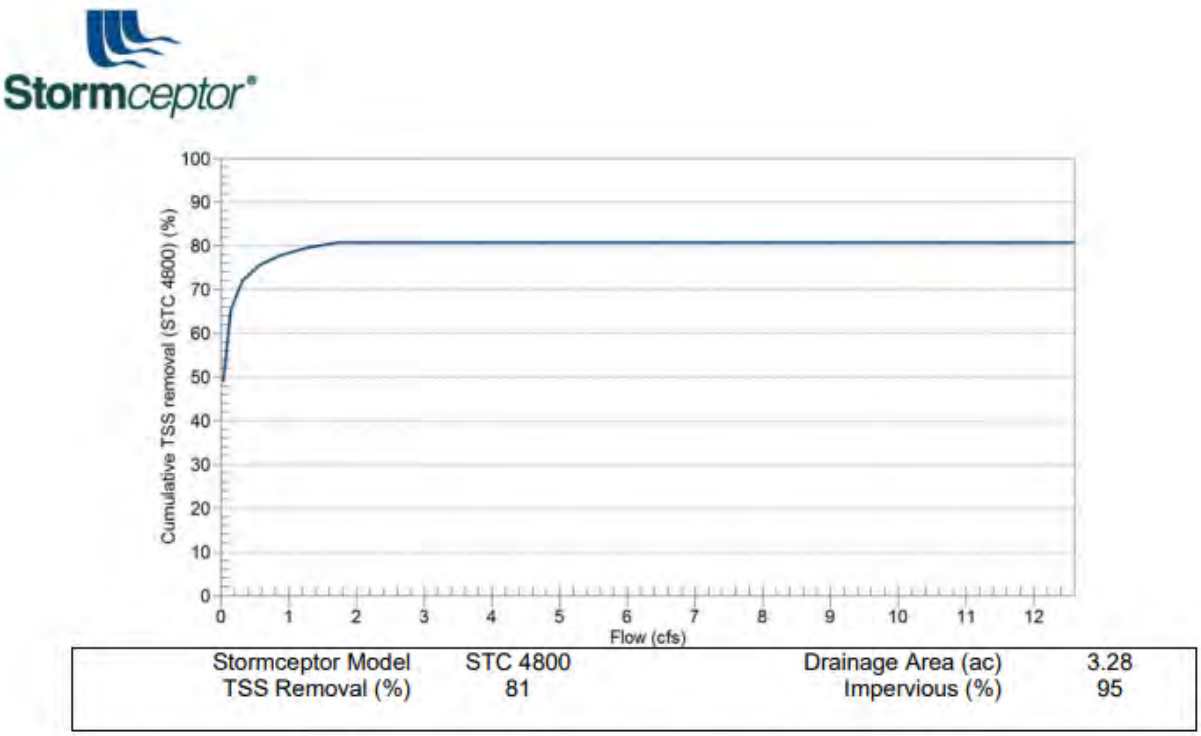


Figure 3. Cumulative TSS Removal by Flow Rate for CHICAGO OHARE AP – 1549, 1962 to 2005. Stormceptor continuously removes TSS throughout the full range of storm events analyzed. Note that large events do not significantly impact the average annual TSS removal. Therefore no decline in cumulative TSS removal indicates scour does not occur as the flow rate increases.

PLEASE NOTE THAT ANNUAL REPORTING CORRELATE TO EACH NOTICE OF INTENT BMP AS CHECKED ON ORIGINAL PERMIT AS FOLLOWS:

A. Public Education and Outreach

B. Public Participation/Involvement

C. Illicit Discharge Detection/Elimination

D. Construction Site Runoff Control

E. Post-Construction Runoff Control

F. Pollution Prevention/Good Housekeep.

Best Management Practices:

BMP A - Public Education and Outreach

Completed tasks in Year 16:

- Village delivered notices throughout the year to the public through various methods containing articles related to environmental issues and water quality –such as activities by the sustainability organization SCARCE, DuPage County stormwater information, prescription drug take back (permanent drop off box located in the Woodridge Police Department), free leaf collection and disposal, latex paint and electronics recycling, the impact of nutrients on ponds, amongst other activities throughout the year.
- The Village updated its website with the new reports and confirmed all of the links as functional with the DuPage County Stormwater website.
- In April 2018 the Village of Woodridge sponsored Arbor Day activities with a local grade school along with being named a Tree City USA for the 27th year.
- In April 2018 the Village coordinated a community clean up day to have volunteers assist Village staff in picking up litter and debris from along roadways/bikepaths. This was in addition to efforts by Village staff and use of the DuPage County Sheriff's Work Alternative Program (SWAP).
- In April 2018 the Village hosted a Town Meeting in .which every Department presented information on their operations. Public Works provided information on maintenance of trees, water saving measures, leak detection in their homes, proper disposal and recycling requirements for various types of items, and stormwater management and green infrastructure options.
- In May 2018, a local church sponsored an electronic/book recycling event which the Village helped advertise
- In May 2018 the Woodridge Rotary sponsored a recycling extravaganza in Woodridge which the Village advertised and Village staff volunteered at.
- In May 2018 the Village passed a proclamation recognizing River Sweep 2018 and advertised the event to encourage residents to participate in the event, and advertised local opportunities to volunteer.
- The Village hosted a free drop off for residents to recycle Christmas tree lights from approximately November 2018 – February 2019.
- The Village, through its waste hauler, offered a Christmas Tree recycling program in January 2019.

BMP B - Public Participation/Involvement

Completed tasks in Year 16:

- Village representatives attended monthly meetings of the DuPage County Municipal Engineers Group where discussions regarding water quality improvements regularly take place, including 12/7/18, 9/6/18, and 10/4/18
- 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 August 29, 2018.
- Village staff overviewed stormwater related plans and programs at the public budget workshop in October 2018, including looking for feedback and questions on stormwater projects.
- Village advertised the DuPage County Stormwater Management Planning Committee meeting on February 5, 2019 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.

BMP C - Illicit Discharge Detection/Elimination

Completed tasks in Year 16:

- The IDDE program was adopted by the County in 2009 and the Village previously approved an intergovernmental agreement between the two entities in 2010. Under the terms of the agreement, the County monitors for illicit discharges. If one is found, the County will trace the source and the Village will enforce the Ordinance. While the agreement term has expired, the County has continued outfall inspections and the Village has continued to advise the County of issues raised.
- The Village and DuPage County approved an additional intergovernmental agreement in November 2017 for DuPage County to complete inspections of Woodridge outfalls located in Will County (in addition to formalizing the partnership on implementation of the overall NPDES program). All Village outfalls (regardless of location) are now inspected by DuPage County.
- The Village is continuing to work with the staffing provided through the Village's membership in the intergovernmental GIS consortium, and through Village staff, in order to integrate additional storm sewer data from subdivision as builts, new developments that are being constructed in the community, and related mapping efforts. Overall approximately 15 hours of mapping updates were completed.
- In December 2018, the Village was contacted by an attorney representing a property owner in Bolingbrook who alleged they were being impacted by unpermitted stormwater work from another property owner in Bolingbrook who had completed the work on a property located in Woodridge. When Village staff visited the site and found a gray water run off coming from the property and advised DuPage County who tendered the issue to Bolingbrook who was the appropriate jurisdiction.

BMP D - Construction Site Runoff Control

Completed tasks in Year 16:

- The Village and its stormwater consultant reviewed and issued approximately 16 new storm water permits which included multiple reviews for each for proposed development/construction project for compliance with the Stormwater Ordinance. The Village (through staff and consultants) completes scheduled inspections specific to stormwater, random spot checks, as well as checks as a part of building permit related site visits on residential and commercial developments for erosion control, BMP inspection/compliance, as well as annual monitoring report reviews.

BMP E - Post-Construction Runoff Control

Completed tasks in Year 16:

- No amendments were completed by DuPage County or the Village for the Countywide Stormwater and Floodplain Ordinance. However, Village representatives attended various meetings and discussions including:
- Village representatives attended monthly meetings of the DuPage County Municipal Engineers Group where discussions regarding water quality improvements, design standards, and inspection activities, regularly take place.
- The Village of Woodridge has proactively encouraged developers to incorporate permanent BMPs into their final design wherever possible with new development.
- The Village continued with the language previously added to its development agreements, where developers must submit to the Village copies of all inspection reports and compliance documents being created as compliance requirement for Stormwater Pollution Prevention Plan (SWPPP) mandates, along with spot auditing developers not submitting for compliance.
- The Village has continued with the language being placed into Village agreements to require additional training to assist with pre and post development inspection and impacts by any contractor of the Village - *("In compliance with National Pollutant Discharge Elimination System (NPDES) and ILR40 permit requirements, every contractor hired by the Village that will be engaged in any task or project that could potentially have an impact on water quality is required to have provided training to their employees to prevent and reduce storm water pollution from their activities.").*
- The Village and its stormwater consultant reviewed and issued approximately 16 new storm water permits which included multiple reviews for each for proposed development/construction project for compliance with the Stormwater Ordinance. The Village (through staff and consultants) completes scheduled inspections specific to stormwater, random spot checks, as well as checks as a part of building permit related site visits on residential and commercial developments for erosion control, BMP inspection/compliance, as well as annual monitoring report reviews. The Village's consultant performed 231 routine soil erosion/sediment control (SE/SC) inspections, which is in addition to the inspection work completed by Village staff.

BMP F - Pollution Prevention/Good Housekeep.

Completed tasks in Year 16:

- February 2018 – Village staff attended the East Branch Watershed Workshop
- February 2018 – Village staff attended the Kane DuPage Soil and Water Conservation District Seminar
- May 2018 – Village staff attended a training on Pollution Prevention for MS4 Communities
- May 2018 – the Village advertised to the public and staff an opportunity to complete a clean-up of a section of the DuPage River under the River Sweep program.
- August 2018 – Village staff attended a snow and ice leadership seminar.
- October 2018 – Village staff attended the East Branch Watershed Workshop
- October 2018 – Village staff attended the West Branch Watershed Workshop
- October 2018 – Village staff attended the annual Public Roads deicing workshop presented by the DuPage River Salt Creek Workgroup/Conservation Foundation (that information is integrated into the Village's annual snow and ice training for Village staff). Staff were retrained on proper truck cleaning and wash down in March 2019 at the conclusion of the snow season as well.
- November 2018 – all Village operations staff (supervisors and maintenance workers) attended the 2018/2019 snow and ice training for the upcoming winter season put on by Village supervisors
- Village representatives attended numerous monthly meetings of the DuPage County Municipal Engineers workgroup and the DuPage River Salt Creek workgroup.
- 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 to improve response and reduce chloride run off.

Chloride Reduction Workshops
Two chloride reduction workshops were held during the reporting period ending March 2019.

The **Public Roads Deicing Workshop** held at DuPage County DOT on October 25, 2018 with the following agenda:



- 7:00 - 7:30 Registration and Breakfast
- 7:30 -7:35 Welcome and Housekeeping- *Jeff Peroni, Highway Maintenance Supervisor, DuPage County Department of Transportation*
- 7:35 – 7:55 Visualizing the Movement of Chloride in the Shallow Aquifers of McHenry County *Daniel Abrams, Groundwater Flow Modeler, Illinois State Water Survey*
- 7:55 – 8:20 Premium and Flexible Plow Blades for Effective Winter Operations, *Gardi Willis, Managing Director, Kueper North America, LLC*
- 8:20 – 8:45 Alternative Cutting Edges, *Scott Weber, Streets and Forestry Supervisor, Village of Hanover Park*
- 8:45 –8:50 Sponsor Overview
- 8:50 – 9:05 BREAK
- 9:05– 10:10 Tiered Road Use Panel: *Chris Drey, Superintendent of Public Works, Village of Shorewood; Jason Pauling, Street Supervisor, Village of Carol Stream; Joseph Dragovich, Roadway District 1 Manager, Illinois Tollway; Moderated by Scott Weber, Streets and Forestry Supervisor, Village of Hanover Park*
- 10:10 – 10:35 Chlorides, the Corrosion Challenge, *Charles (Chuck) Lawrence, Independent Consulting Engineer*
- 10:35 – 10:55 Chloride Toxicity: Reviewing the State's Water Quality Standard, *Stephen McCracken, The Conservation Foundation/DRSCW*
- 10:55 – 11:10 BREAK
- 11:10 – 11:30 Practicable Direct Liquid Application, *Craig Eldred, Public Services Director, City of Waconia,*
- 11:30 – 11:45 Wrap Up, Evaluations, Equipment Show

Attendance – 147 registered, 13 presenters/staff, 7 committee members/guests; 7 sponsors/exhibitors = 174 total. All participants received a certificate of attendance. We received 59 feedback forms from participants. Attachment B includes a list of all registrants and the affiliation for the 2018 Public Roads Deicing Workshop.

The **Parking Lots and Sidewalks Deicing Worksho**p was held at DuPage County DOT on October 18, 2018 with the following agenda:

- Ambient conditions and regulatory update: Stephen McCracken, The Conservation Foundation/DRSCW
- Information on developing efficient and cost-effective snow fighting operations, appropriate product selection, equipment selection, application rates, equipment calibration, ambient conditions monitoring. Presenters: Connie Fortin, Fortin Consulting and Chris Walsh, (former Public Works Director with City of Beloit, WI)
- Test on workshop materials.



Attendance - 82 registrations, 5 presenters/staff, 2 exhibitors/staff = 89 total. All participants received a training certificate and participants who successfully completed the test are recognized on DuPage County Stormwater Management's Water Quality – Pollution Prevention/Good Housekeeping web page. The DRCCW received 68 program evaluations from participants. Attachment include Cs a list of all registrants and the affiliation for the 2018 Parking Lots and Sidewalks Deicing Workshop.

Ambient Winter Chloride Monitoring

Ambient monitoring of winter conductivity was carried out at five (5) locations in the program area in 2017-2018 (3 sites monitored by the DRSCW and 2 site monitored by MWRD). Conductivity is used to calculate chloride concentrations based on a relationship established by the DRSCW in 2007. Annual chloride concentrations for the winter months from 2006-2018 for 4 of the sites are depicted in Figure 1-4.

Figure 1. Annual chloride concentrations - winter months (2006-2018) for Salt Creek at Wolf Road.

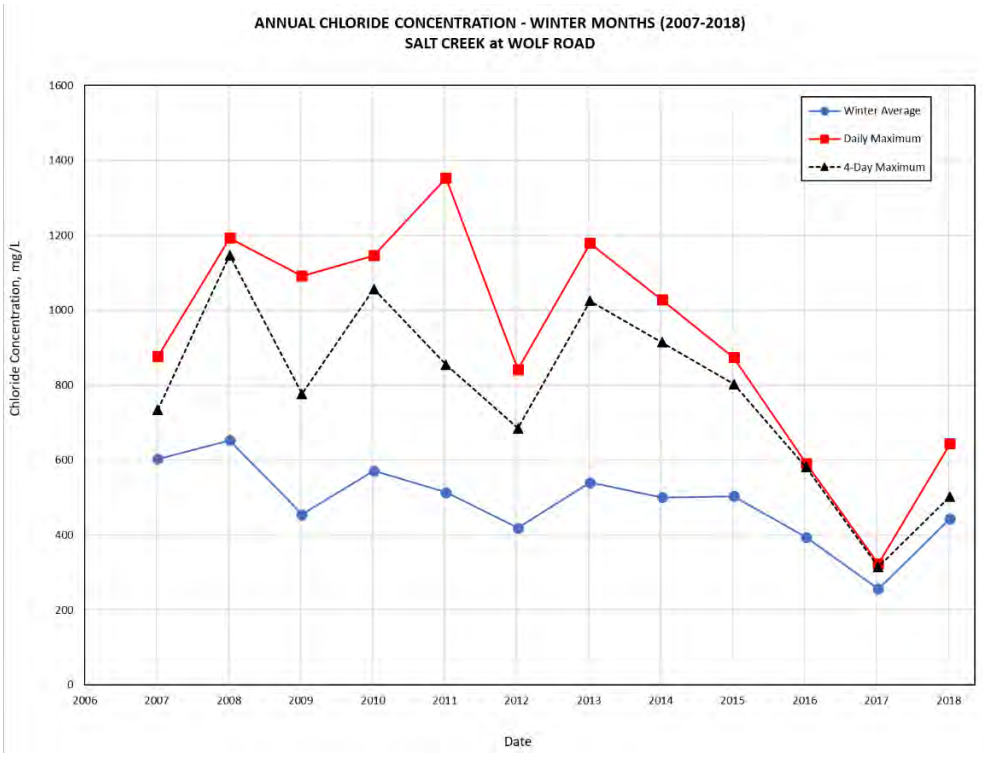


Figure 1. Annual chloride concentrations - winter months (2006-2018) for Salt Creek at Busse Woods Main Dam.

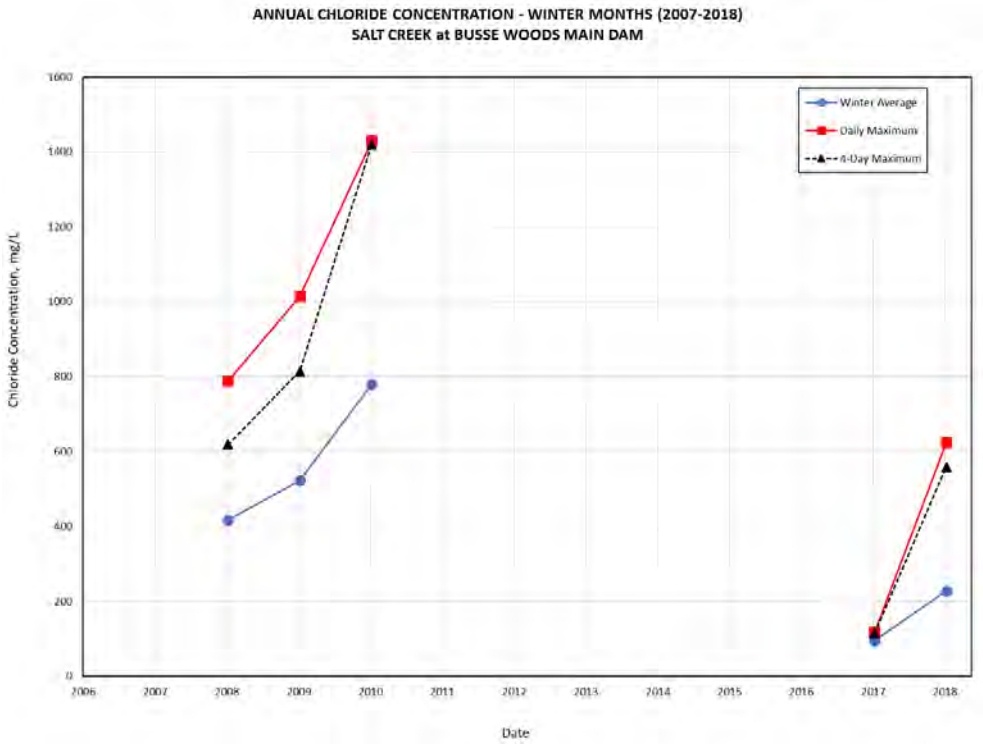


Figure 2. Annual chloride concentrations - winter months (2006-2018) for East Branch at Hobson Road.

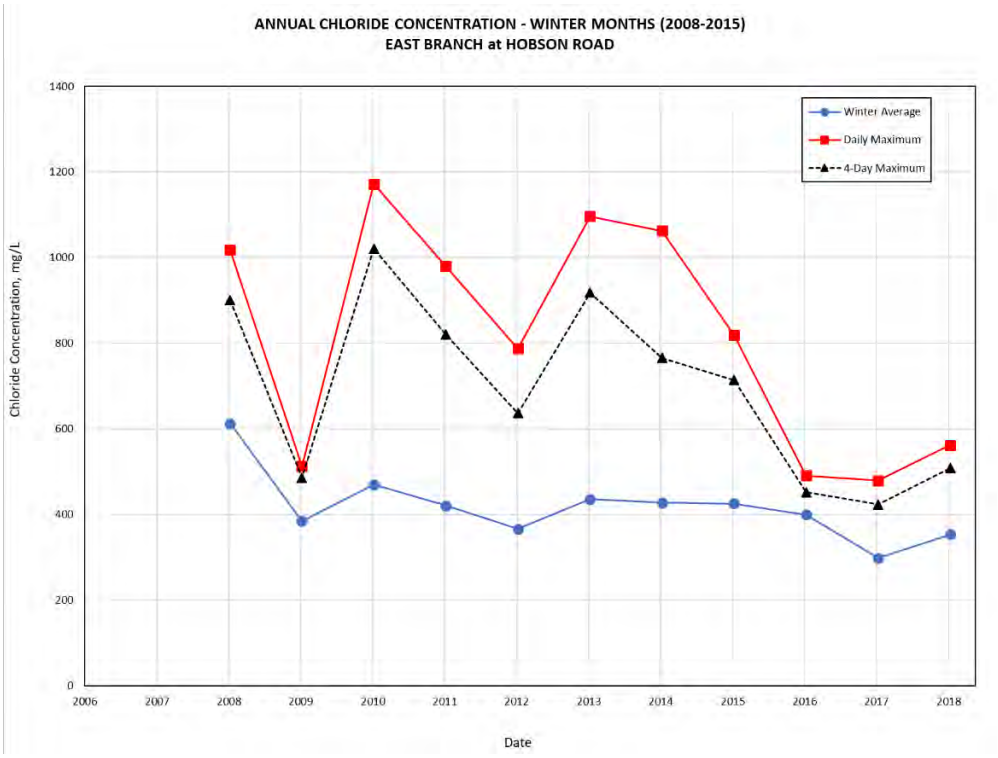
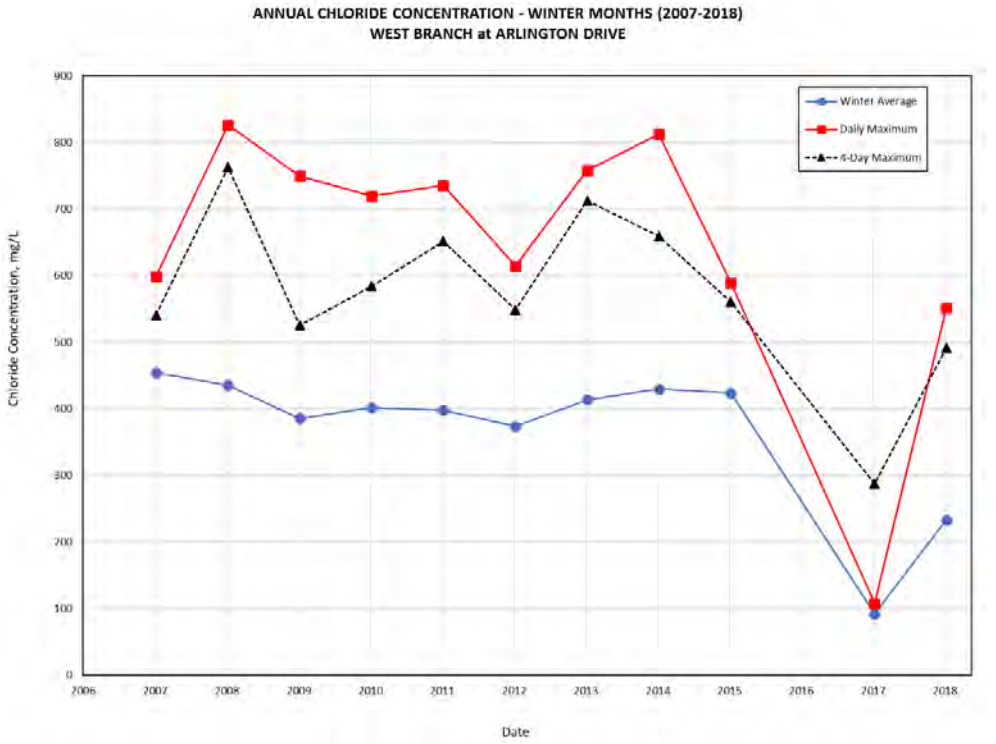


Figure 3. Annual chloride concentrations - winter months from 2006-2018 for West Branch at Arlington Drive.



C. Qualifying State, Country or Local Program

Not applicable to the work of the DRSCW.

D. Sharing Responsibility

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

E. Reviewing and Updating Stormwater Management Programs

Not applicable to the work of the DRSCW.

PART V. MONITORING, RECORDKEEPING, AND REPORTING

A. Monitoring

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

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

The DRSCW water quality monitoring program is made up of two components: 1) Bioassessment and 2) DO monitoring.

BIOASSESSMENT

Overview and Sampling Plan

A biological and water quality survey, or "biosurvey", is an interdisciplinary monitoring effort coordinated on a waterbody specific or watershed scale. This may involve a relatively simple setting focusing on one or two small streams, one or two principal stressors, and a handful of sampling sites or a much more complex effort including entire drainage basins, multiple and overlapping stressors, and tens of sites. The DRSCW bioassessment is the latter. The DRSCW bioassessment program began in 2007 with sampling in the West Branch DuPage River, East Branch DuPage River and Salt Creek watersheds. From 2009-2016, each watershed was sampled

on a 3-year rotation beginning with the West Branch DuPage River watershed in 2006. Beginning in 2017, watershed will be sampled in a 5-year rotation ensuring that each watershed will be sampled during the effective period of the ILR40 permit. The bioassessment program functions under a quality assurance plan agreed on with the Illinois Environmental Protection Agency (http://drscw.org/wp/bioassessment/). Table 1 details the bioassessment sampling dates for each DRSCW watershed.

Table 1. Bioassessment sampling dates for the DRSCW watershed

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

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

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

The data collects as part of the bioassessment is processed, evaluated, and synthesized as a biological and water quality assessment of aquatic life use status. The assessments are directly comparable to previously conducted bioassessments such that trends in status can be examined and causes and sources of impairment can be confirmed, amended, or removed. A final report containing a summary of major findings and recommendations for future monitoring, follow-up investigations, and any immediate actions that are needed to resolve readily diagnosed impairments is prepared following each bioassessment. The bioassessment reports are posted on the DRSCW at http://drscw.org/wp/bioassessment/. It is not the role of the bioassessments to identify specific remedial actions on a site specific or watershed basis. However, the baseline data provided by the bioassessments contributes to the Integrated Priority System that was developed to help determine and prioritize remedial projects (http://drscw.org/wp/project-identification-and-prioritization-system/).

Sampling sites for the bioassessment were determined systematically using a geometric design supplemented by the bracketing of features likely to exude an influence over stream resource quality, such as CSOs, dams and wastewater outfalls. The geometric site selection process starts at the downstream terminus or “pour point” of the watershed (Level 1 site), then continues by deriving each subsequent “panel” at descending intervals of one-half the drainage area (D.A.) of the preceding level. Thus, the drainage area of each successive level decreases geometrically.

This results in in seven drainage area levels in each of the three watersheds, starting at the largest (150 sq. mi) and continuing through successive panels of 75, 38, 19, 9, 5 and 2 sq. mi. Targeted sites are then added to fill gaps left by the geometric design and assure complete spatial coverage in order to capture all significant pollution gradients including reaches that are impacted by wastewater treatment plants (WWTPs), major stormwater sources, combined sewer overflows (CSOs) and dams. The number of sampling sites by method/protocol and watershed are listed in Table 2 and illustrated in Map 1.

Representativeness – Reference Sites

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

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

Method/Protocol	West Branch DuPage River (2013)	East Branch DuPage River (2014)	Salt Creek (2016)	Reference Sites (2006-2016)	Total Sites
Biological sampling					
Fish	44	36	51	13	144
Macroinvertebrates	44	36	51	13	144
QHEI	44	36	51	13	144
Water Column Chemical/Physical Sampling					
Nutrients*	44	36	51	6	137
Water Quality Metals	44	36	51	6	137
Water Quality Organics	18	11	16	6	51
Sediment Sampling	18	11	16	6	51

*Also included indicators or organic enrichment and ionic strength, total suspended solids (TSS), DO, pH and temperature

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

FISH

Methodology

Methods for the collection of fish at wadeable sites was performed using a tow-barge or longline pulsed D.C. electrofishing apparatus (MBI 2006b). A Wisconsin DNR battery powered backpack

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

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

Results

The fish sampling results presented in this report summarize the findings for the mainstem reaches of the East Branch DuPage River, the West Branch DuPage River and Salt Creek. Information on the tributaries and detailed analysis of all results can be found at http://drscw.org/wp/bioassessment/.

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

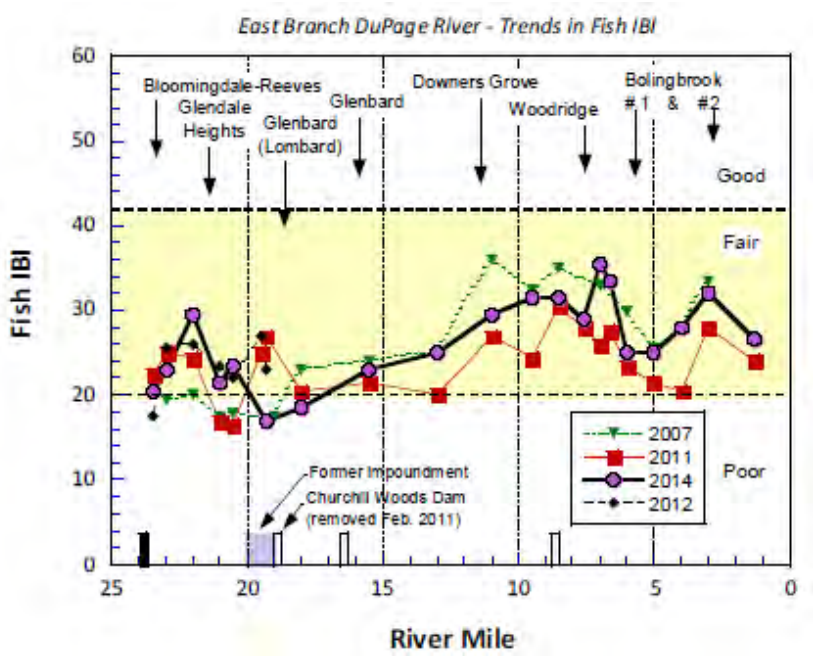
East Branch DuPage River

Fish assemblage conditions throughout the East Branch DuPage River watershed a in the poor and fair ranges (Figure 5). However, the mainstem assemblages show similar quality or modest improvement at nearly all sites when 2014 data is compare to 2011 and approach 2007 levels.

Prior to the modification of the Churchill Woods dam in 2001, fish assembles upstream of the dam, were essentially that of a pond and dominated by sunfish, bullheads, golden shiner, and mosquito fish. Downstream of the dam, the fish assemblage reflected more lotic, stream like

conditions with populations of sand shiner, johnny darter, horneyhead chub and rock bass. Since the modification of the Churchill Woods dam, eight new species have been recorded and other populations have expanded their ranges above the former dam site. Additionally, in 2014, two new species (banded darter and round goby) were recorded in the lower reaches of the East Branch. The appearance of the banded darter, a sensitive species, is a sign of improved quality in the lower nine miles of the main stem.

Figure 4. Fish IBI scores in the East Branch DuPage River, 2014, 2011-12, and 2017 in relation to municipal POTW dischargers.



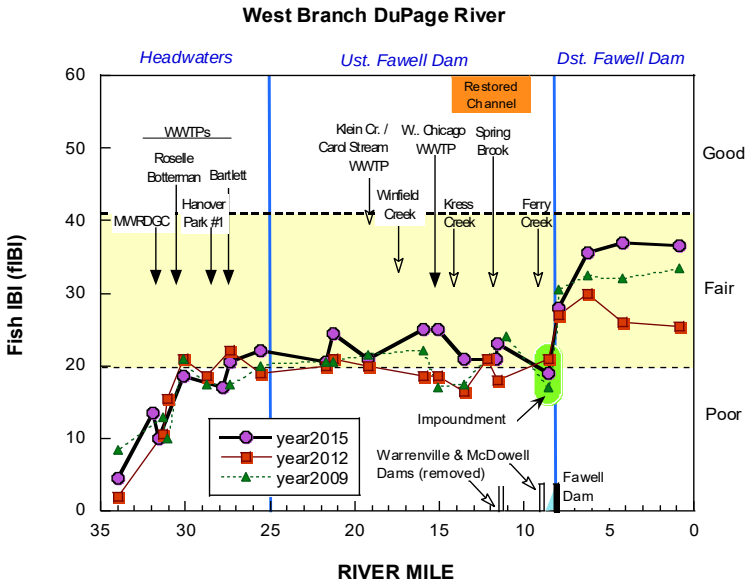
Bars along the x-axis depict mainstem dams or weirs (only black bars impede fish passage). The shaded area demarcates the "fair" narrative range.

West Branch DuPage River

All survey sites fell consistently in the poor or lower fair ranges with slightly higher scores downstream from RM 8.1 and the Fawell Dam (Figure 6). No West Branch sites met the 41-point criterion synonymous with a good quality assemblage.

It should be noted that the Fawell dam is a barrier to several fish species. The DRSCW in cooperation with DuPage County and Forest Preserve District of DuPage County plans to modify the Fawell Dam to allow for fish passage. This project is expected to be completed by 2018.

Figure 5. Fish IBI scores in the West Branch DuPage River, 2015, 2011-12 and 2007 in relation to municipal POTW dischargers.



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

Salt Creek

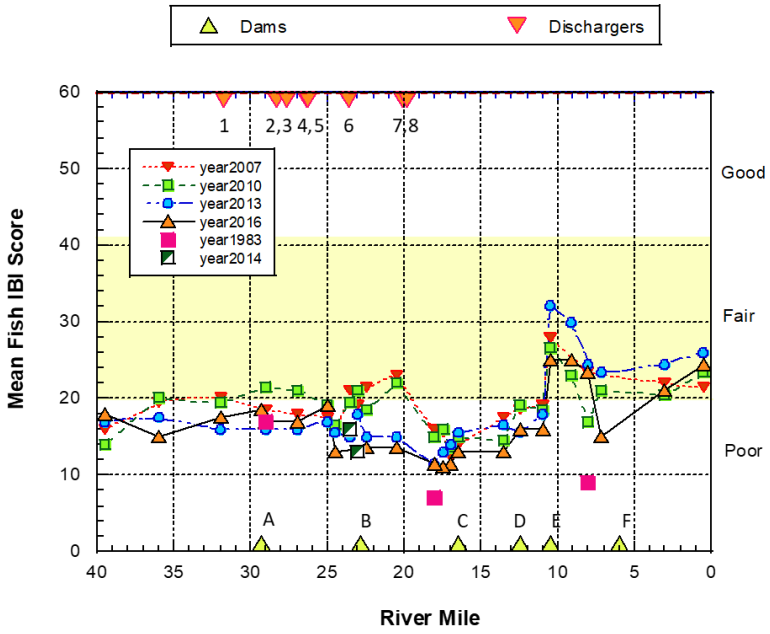
Fish assemblages sampled in Salt Creek mainstem in 2016 were consistently in poor condition upstream from the Graue Mill Dam and mostly fair downstream to the confluence with the Des Plaines River (Figure 7). This was similar to the pattern observed in 2013 although fIBI scores were slightly higher than in 2016 at most sites in the lower one-half of the mainstem. In fact, the general response of the fish assemblage was similar longitudinally among all four survey periods.

The Graue Mill Dam is a barrier to upstream fish movement with 17 fish species found only downstream of the dam and only two species only found upstream (Table 18). Many of the species only found downstream should have populations that extend well upstream of the dam (johnny darter, smallmouth bass, rock bass, hornyhead chub, etc.). Thus the dam as a barrier is a key factor that limits the ability of certain species to recolonize the upper reaches of Salt Creek as other precluding stressors (e.g., D.O., siltation, organic enrichment) are resolved. The DRSCW plans to modify the Fullersburg Woods Dam to allow for fish passage. This project is expected to be completed by 2023.

There was a wide variation in fIBI scores among the tributaries with no sites meeting the General Use fIBI threshold and many sites in poor condition. Sites in the Addison Creek subwatershed had the lowest fIBI scores with most rated as poor across all years. This generally matches the pattern observed with the QHEI in Addison Creek with uniformly poor habitat. However, Addison

Creek also has several water quality stressors and poor habitat condition in other tributaries did not result in the skew of fIBI scores in the poor range.

Figure 6. Fish Index of Biotic Integrity scores for samples collected from Salt Creek in 1983, 2007, 2010, 2013, 2014 and 2016 in relation to the locations of NPDES permitted facilities, combined sewer overflow (CSO) outfalls, dams and principal tributaries.



The locations of dams are arrayed along the x-axis and noted as triangles. The shaded area indicates the range for a restricted fish assemblage as defined by Illinois EPA.

MACROINVERTEBRATES

Methodology

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

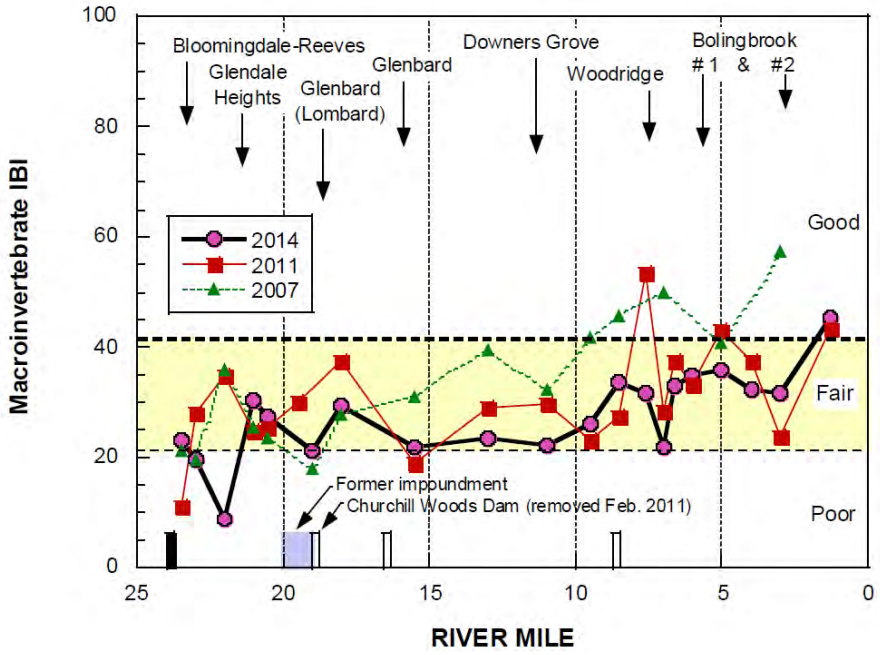
Results

The macroinvertebrate sampling results presented in this report summarize the findings for the mainstem reaches of the East Branch DuPage River, the West Branch DuPage River and Salt Creek. Information on the tributaries and detailed analysis of all results can be found at http://drscw.org/wp/bioassessment/.

East Branch DuPage River

Macroinvertebrate collections from the 2014 East Branch watershed survey fell entirely within the fair or poor quality ranges with the exception of a single "good" site on the lower mainstem (Figure 8). Assemblages throughout the study area are predominated by facultative and tolerant organisms most often associated with elevated nutrients, dissolved solids and low DO.

Figure 7. Macroinvertebrate IBI scores in the East Branch DuPage River, 2014, 2011-12 and 2007 in relation to municipal POTW dischargers.



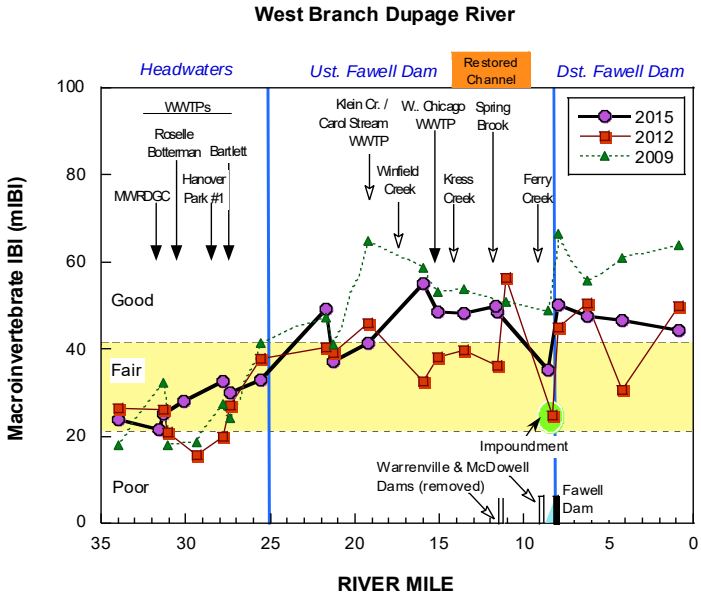
Bars along the x-axis depict mainstem dams or weirs (only black bars impede fish passage). The shaded are demarcates the "fair" narrative range.

West Branch DuPage River

With few exceptions, West Branch macroinvertebrate assemblages from the upper, headwater reach reflected degraded but similar quality between 2007, 2009, 2012 and 2015 (Figure 9). The combination urban drainage, marginal habitat quality and a series of four major WWTP discharges in the small drainage were considered major contributors.

In both 2009 and 2015, major improvement in mIBI scores and clearly good mIBI ratings were detected upstream from Klein Creek and the Carol Stream WWTP (Figure 9). In 2009 and 2015, consistently good quality was maintained along the remaining length of the West Branch downstream to the mouth. In 2006, this downstream improving trend was more erratic; still 5 of the 8 sites between Klein Creek and the mouth exceeded Illinois criteria. In contrast, the 2012 trend was much less distinct as narrative ratings vacillated between a fair or lower good range status through most of the lower 20 mainstem river miles.

Figure 8. Macroinvertebrate IBI scores in the West Branch DuPage River, 2015, 2011-12 and 2007 in relation to municipal POTW dischargers.



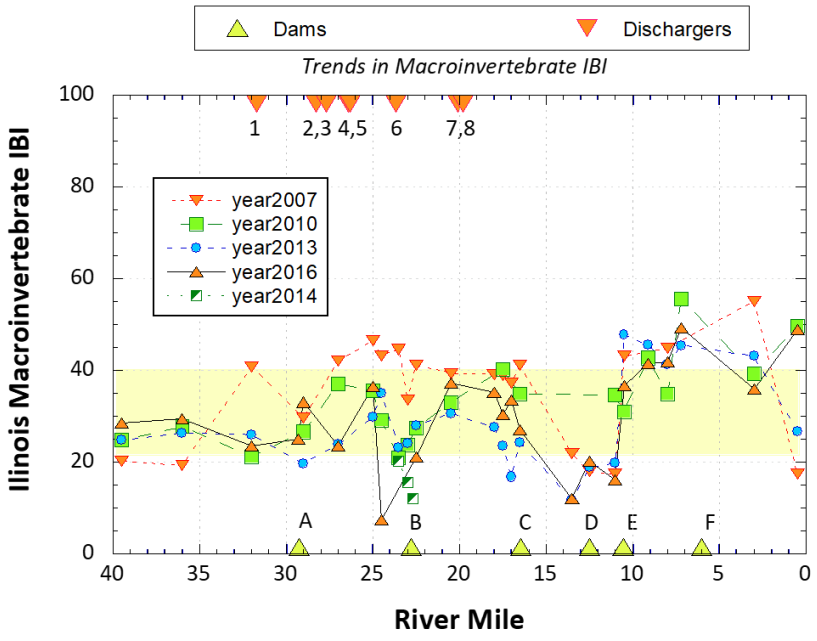
Bars along the x-axis depict mainstem dams or weirs (only black bars impede fish passage). The shaded area demarcates the "fair" narrative range.

Salt Creek

In 2013 and 2016 the macroinvertebrate assemblages in the Salt Creek mainstem were rated fair at most sites upstream from the Graue Mill Dam, and good at four and fair at two of the six sites downstream from the dam (Figure 10). Longitudinally, scores decreased downstream from Spring Brook relative to those upstream. The confluence with Spring Brook marks the reach where multiple WWTPs discharge in short succession.

In the 2016, the Oak Meadows Dam (dam B on Figure 10) was removed in a project sponsored by the Forest Preserve District of DuPage County, DuPage County Stormwater Management, and the DRSCW. Post-project sampling was completed in 2017 and 2018. Post-project, both mIBI and individual species taxa biodiversity improved at the site. The 2017 post-project mean mIBI (33.2) increased 9.6 points compared to the 2013 score. In 2018, the post-project mean mIBI was 34.9. The project's objective is to increase the mean mIBI to 35. Notably two sites achieved a score of 38.5 in 2018. Post-project macroinvertebrate sampling to document the continued effects of this dam removal will occur in 2019.

Figure 9. Macroinvertebrate IBI scores for samples collected from the Salt Creek mainstem, 2007, 2010, 2013, 2014, and 2016 in relation to publicly owned treatment works, low head dams, and combined sewer outfalls (CSO).



Diamonds along the x-axis depict mainstem dams or weirs. The shaded area demarcates the "fair" narrative range.

HABITAT

Methodology

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

Results

The QHEI data presented in this report summarize the findings for the mainstem reaches of the East Branch DuPage River, the West Branch DuPage River and Salt Creek. Information on the tributaries and detailed analysis of all results can be found at http://drscw.org/wp/bioassessment/.

The physical habitat of a stream is a primary determinant of biological quality. Streams in the glaciated Midwest, left in their natural state, typically possess riffle-pool-run sequences, high sinuosity, and well-developed channels with deep pools, heterogeneous substrates and cover in

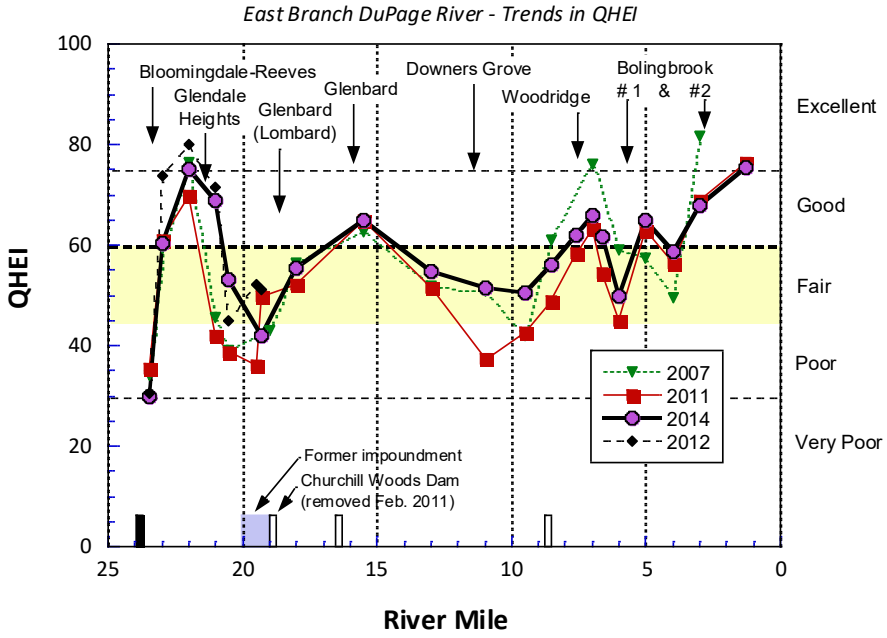
the form of woody debris, glacial tills, and aquatic macrophytes. The QHEI categorically scores the basic components of stream habitat into ranks according to the degree to which those components are found in a natural state, or conversely, in an altered or modified state.

East Branch DuPage River

Based on QHEI scores, mainstem habitat quality fell mostly in the fair to good ranges, but varied by location (Figure 11). Substrate embeddedness was a common characteristic of the mainstem as riffle or pool embeddedness was recorded at all but one location (EB23/RM 22.0).

Since the modification of the Churchill Woods dam in 2011, QHEI scores within and upstream of the former dam have increased by reflecting the appearance of riffles and increased habitat heterogeneity.

Figure 10. Qualitative Habitat Evaluation Index (QHEI) scores for the E. Branch DuPage River in 2007, 2011-12, and 2014 in relation to municipal WWTP discharges.

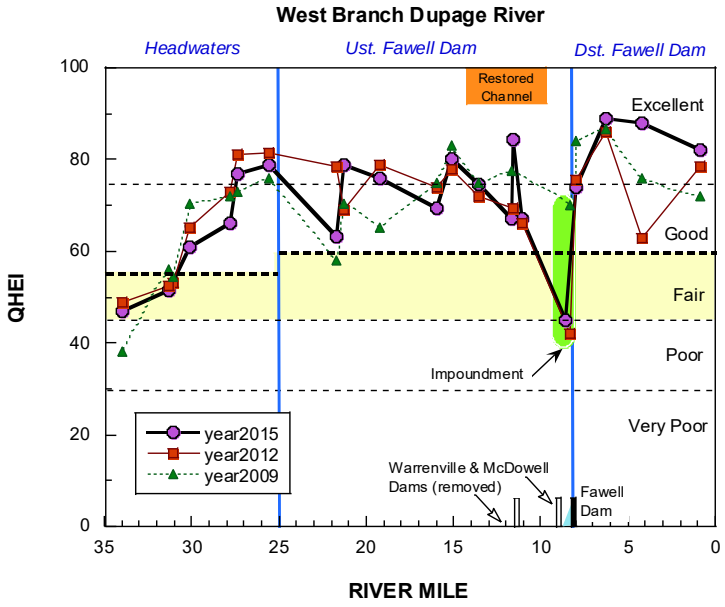


Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage). The shaded region depicts the range of QHEI scores where habitat quality is marginal and limiting to aquatic life. QHEI scores less than 45 are typical of highly modified habitat.

West Branch DuPage River

Mainstem habitat quality in 2012 was good to excellent throughout most of its length and, with the exception of the extreme headwaters (upstream RM 30.1) and Fawell Dam pool (RM 8.3) (Figure 12).

Figure 11. Qualitative Habitat Evaluation Index (QHEI) scores for the W. Branch DuPage River in 2009, 2012, and 2015.



Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage). The shaded region depicts the range of QHEI scores where habitat quality is marginal and limiting to aquatic life. QHEI scores less than 45 are typical of highly modified habitat.

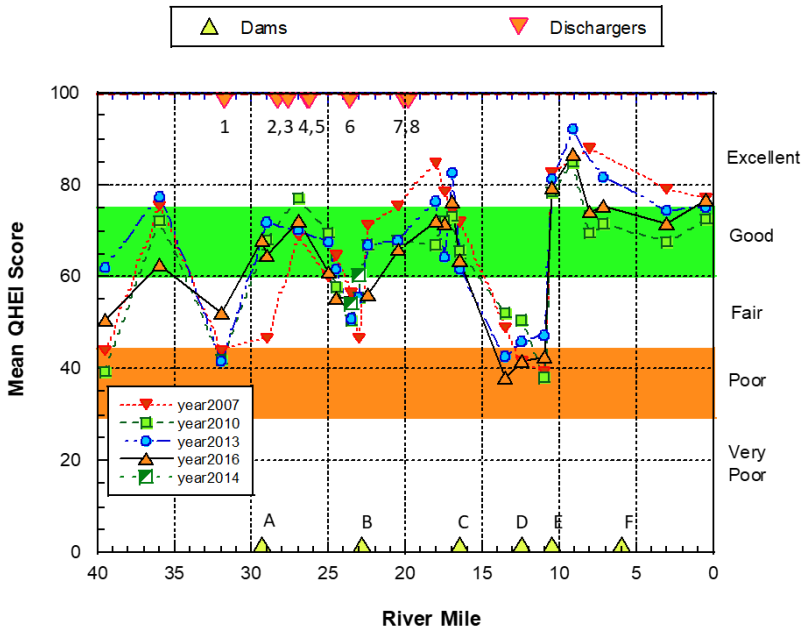
Salt Creek

In Salt Creek, most of the sites possessed the types and amounts of habitat features necessary to support aquatic life consistent with the Illinois General Use (Figure 13), with QHEI scores averaging 66.0 (range: 41.5-92.0) in 2013 and 64.3 (range: 38.0-86.5) in 2016. The longitudinal pattern in habitat quality was consistent between all years (2007, 2010, 2013 and 2016) with habitat generally improving in a downstream direction except where influenced by impoundments. Habitat was generally the poorest in the very headwaters and impoundments formed by low head dams. As in 2007 and 2010, the total number of modified quality attributes relative to the total number of good quality attributes at any given site generally did not overwhelm the capacity of a site to support aquatic life in 2013 and 2016, excepting in the impoundments formed by low head dams. The attributes of the QHEI that are most consistently potentially limiting to aquatic life are the embeddedness and siltation attributes with most sites having high silt cover and moderate to extensively embedded substrates. The prevalence of coarse substrate materials indicates the strongly biological potential if delivery of fines to the stream can be controlled.

In the 2016, the Oak Meadows Dam (dam B on Figure 9) was removed in a project sponsored by the Forest Preserve District of DuPage County, DuPage County Stormwater Management, and the DRSCW. Post-project sampling was completed in 2017 and 2018. Post project QHEI increased at all sites with improvements in substrate, riparian, pool and riffle scores. In 2017,

mean QHEI at the project location increased 12 points to 69.3 (or 68.5 if we discount SC35A, surveyed for QHEI post project only). By 2018, mean QHEI at the project location increased to 70. All QHEI scores were within the "good" range (>60 QHEI points). The DRSCW is optimistic its QHEI goal of >70 will be reached as riparian vegetation at the site matures. Post-project monitoring will continue in 2019.

Figure 12. Qualitative Habitat Evaluation Index (QHEI) scores for Salt Creek plotted by river mile for data from 2007, 2010, 2013, 2014, and 2016.



The orange-shaded region depicts the range of QHEI scores where habitat quality is marginal and limiting to aquatic life. QHEI scores less than 45 are typical of highly modified channels. The triangles arrayed along the x-axis in both plots show the locations of low-head dams.

WATER QUALITY CHEMISTRY

Methodology

Water column and sediment samples are collected as part of the DRSCW bioassessment programs. The total number of sites sampled is detailed in Table 2. Total number of collected samples by watershed typical for a full assessment by watershed are given in Table 3. The number of samples collected at each site is largely a function of the sites drainage area with the frequency of sampling increasing as drainage size increases (Table 4). Organics sampling is a single sample done at a subset of sites. Sediment sampling is done at a subset of 66 sites using the same procedures as IEPA.

The parameters sampled for are included in Table 5 and can be grouped into demand parameters, nutrients, demand, metals and organics. Locations of organic and sediment sites are shown on Figure 2. All sampling occurs between June and October of the sample year. The Standard Operating Procedure for water quality sampling can be found at http://drscw.org/wp/bioassessment/.

Table 3. Total number of samples by watershed typical for a full assessment by watershed.

Watershed	Approximate # Sites	Demand Samples	Nutrients Samples	Metals Samples	Organics Samples
Salt Creek	51	280	280	149	16
West Branch DR	44	218	218	110	18
East Branch DR	36	196	196	100	11

Table 4. Approximate distribution of sample numbers by drainage area across the monitoring area.

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

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

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

Results

The discussion presented below focuses on the constituents listed in the MS4 permit: total suspended solids, total nitrogen, total phosphorus, fecal coliform, chlorides, and oil and grease. Total nitrogen is presented as ammonia, nitrate, and total kjeldahl nitrogen (TKN). Prior to the 2016 sampling period, fecal coliform and oil and grease sampling was not conducted. Oil and grease sampling was added to the bioassessment sampling for Salt Creek in 2016. Fecal coliform and oil and grease sampling will be added to all future bioassessment sampling for the East Branch DuPage River (2019), West Branch DuPage River (2020), and Salt Creek (2021) ensuring that each watershed will be sampled for that parameter during the effective period of the ILR40 permit.

Detailed analysis and results for the other water quality constituents is located at http://drscw.org/wp/bioassessment/.

East Branch DuPage River

East Branch mainstem flows are effluent dominated during the late summer-early fall months. As such, chemical water quality is highly influenced by the concentration and composition of chemical constituents in WWTP effluents (Figures 14-17). The results in 2014 were consistent with 2011 during low flow periods with respect to observing no exceedances of Illinois water quality criteria for regulated parameters (i.e. TSS, NH_3-N).

West Branch DuPage River

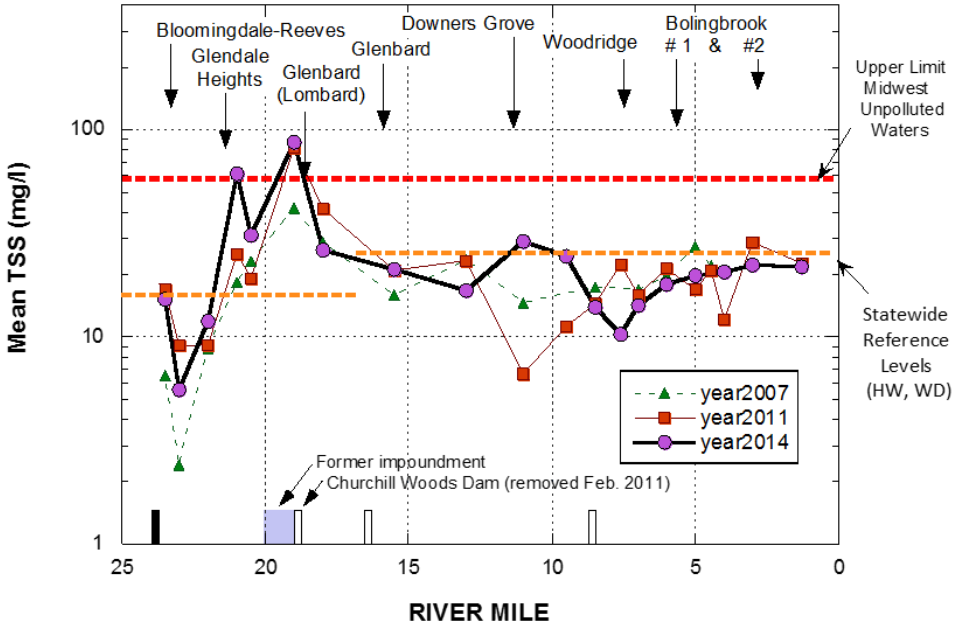
Stream flow in the West Branch DuPage River is effluent dominated during summer months. As such, its water quality is highly influenced by the concentrations and composition of chemical constituents in the effluent as well as runoff from the urban and developed land cover in the watershed. Water quality sampling in 2012 during the summer low-flow periods suggest that the quality of treated effluent, with respect to regulated parameters (i.e., cBOD5, TSS, NH3), was generally good. Effluents did not result directly in exceedances of water quality standards for these parameters. However, increasingly elevated nutrient levels and their attendant influence on mainstem D.O. regimes remain problematic. Figures 18-20 depict the water chemistry of the West Branch DuPage River.

Salt Creek

Salt Creek drains a highly urbanized landscape with a high population density. The increase in Pollutants associated with urbanized landscapes have been documented. Given the high population density in the watershed, treated municipal effluent comprises a significant fraction of the total flow in Salt Creek and strongly influences water quality, especially with respect to nitrogen and phosphorus. The results in 2016 were similar to those in 2013 and 2010. Figures 21-23 depict the water chemistry of Salt Creek.

Figure 13. Concentrations of total suspended solids (top panel) and TKN (lower panel) from E. Branch DuPage River samples in 2007, 2011 and 2014 in relation to municipal WWTP discharges.

Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage). Red dashed lines shows the upper limits of concentrations typical for relatively unpolluted waters for TSS (McNeeley et al. 1979). Orange dashed line in TSS plot is the Ohio reference threshold for headwater (HW) and wadeable (WD) streams. For TKN, the orange dashed line represents the IPS threshold (1.0 mg/l). IPS is a tool developed by the DRSCW and MBI.



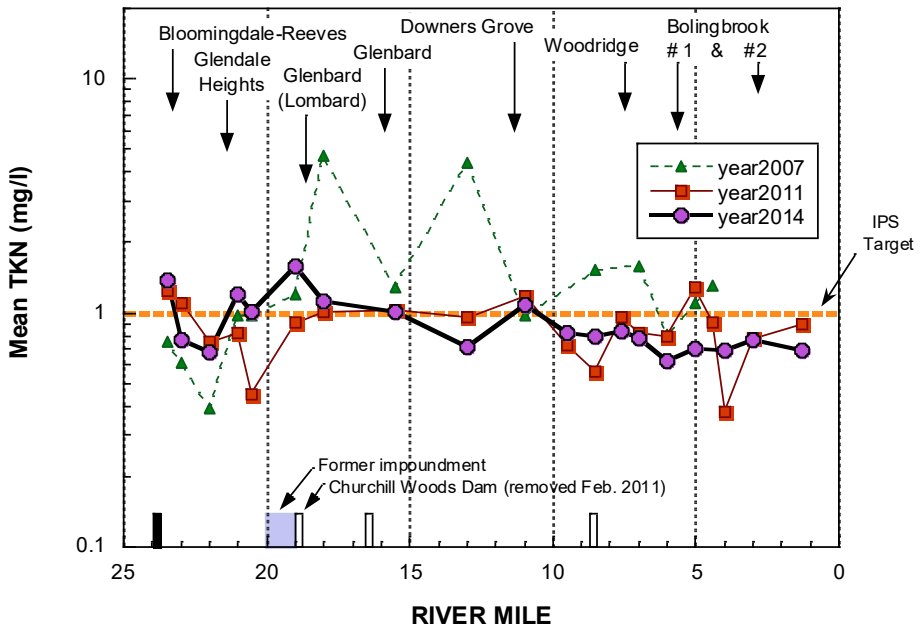


Figure 14. Concentrations of ammonia-N (top panel) and nitrate+nitrite-N (lower panel) from E. Branch. DuPage River samples in 2007, 2011 and 2014 in relation to municipal WWTP discharges.

Bars along the x-axis depict mainstem dams or weirs (only black bars for dams that impede fish passage). For ammonia-N, the red dashed line (1.0 mg/l) represents a threshold concentration beyond which acute toxicity is likely; the orange dashed line (0.15 mg/l) is correlated with impaired biota in the IPS study. For nitrate+nitrite-N, orange dashed lines represent target concentrations for ecoregion 54 (1.8 mg/l) and the Illinois EPA non-standard based criteria (7.8 mg/l). The red dashed line is the Illinois water quality criterion for public water supplies (10 mg/l).

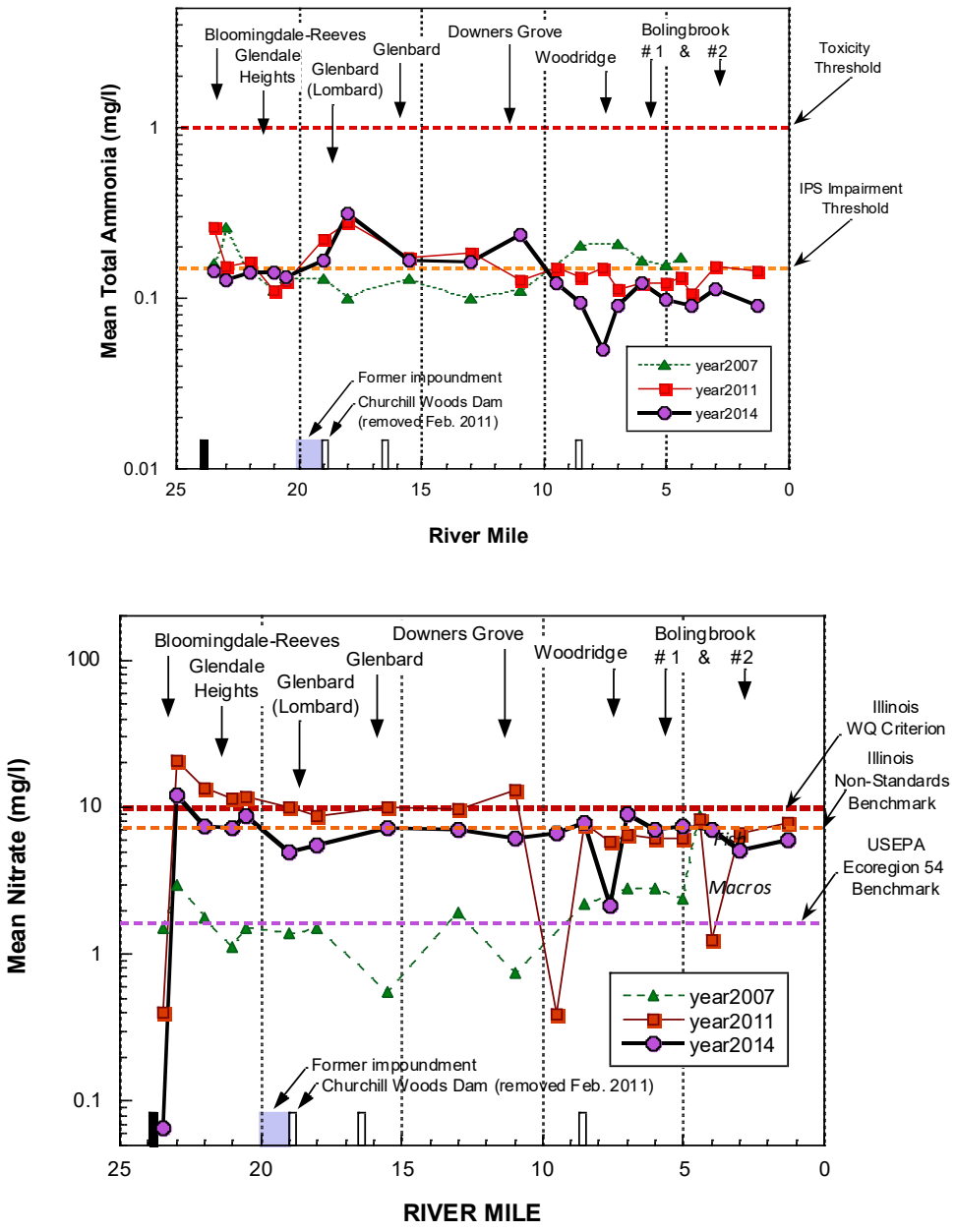


Figure 15. Concentrations total phosphorus from E. Branch DuPage River samples in 2007, 2011 and 2014 in relation to municipal WWTP discharges.

Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage). For phosphorus, orange dashed lines represent target concentrations for ecoregion 54 (0.07 mg/l) and the Illinois EPA non-standard based criterion (0.61 mg/l). The 1.0 mg/l dashed red line is the suggested effluent limit.

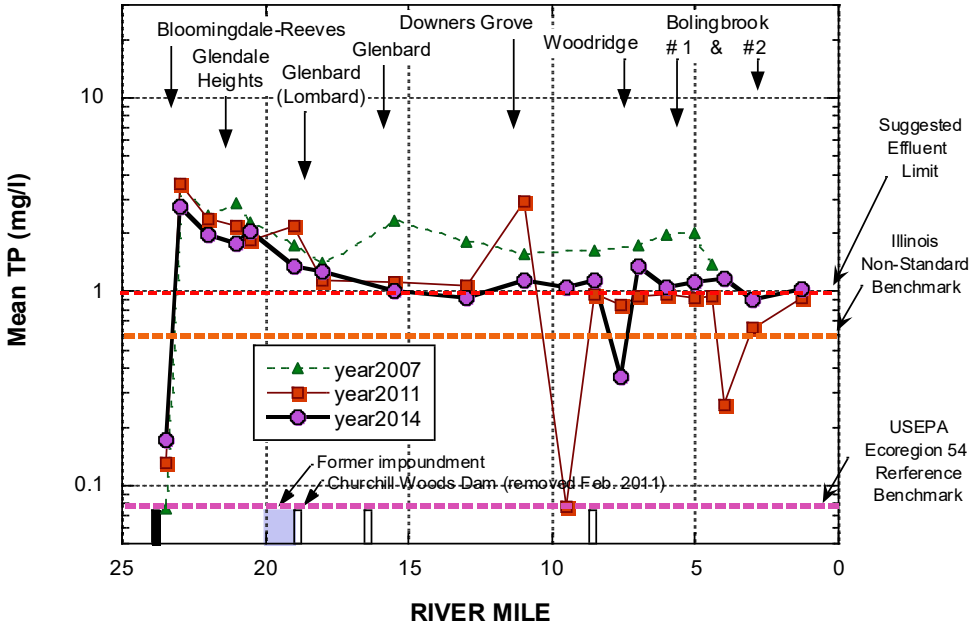


Figure 16. Chloride concentrations from the East Branch DuPage River in the summer of 2007, 2011 and 2014.

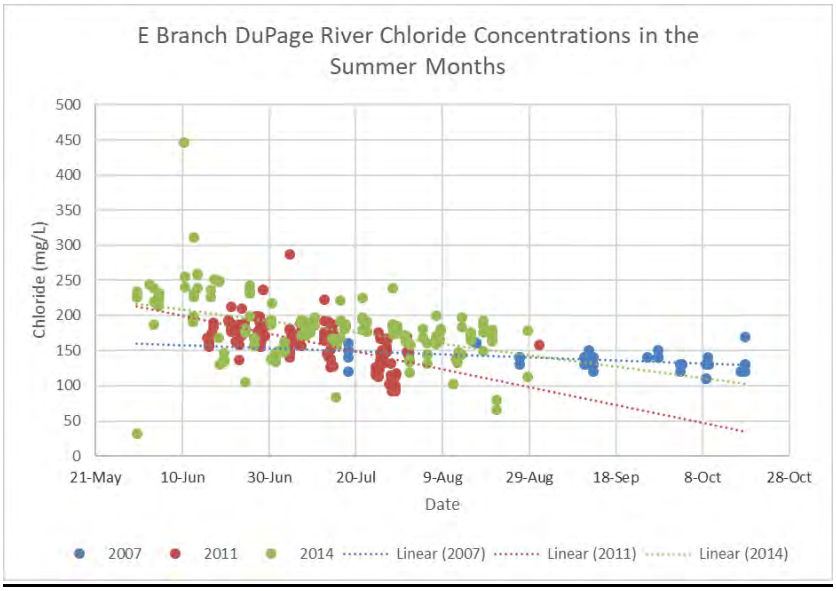
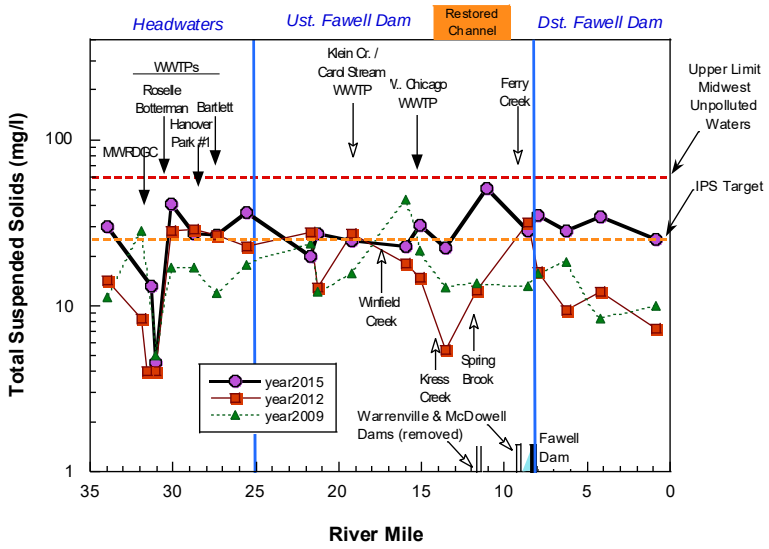


Figure 17. Concentrations of total suspended solids (top panel) and TKN (lower panel) from W. Branch DuPage River samples in 2008, 2012 and 2015 in relation to municipal WWTP discharges.

Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage). Red dashed lines shows the upper limits of concentrations typical for relatively unpolluted waters for TSS (McNeeley et al. 1979). Orange dashed line in TSS plot is the Ohio reference threshold for headwater (HW) and wadeable (WD) streams. For TKN, the orange dashed line represents the IPS threshold (1.0 mg/l). IPS is a tool developed by the DRSCW and MBI.



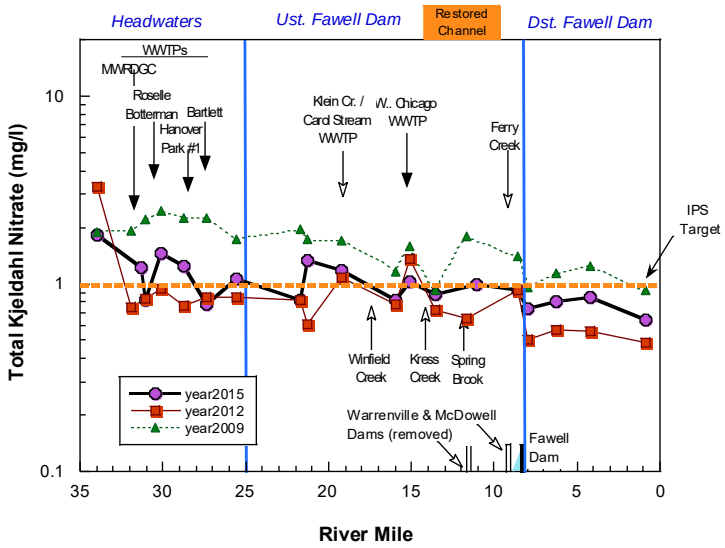


Figure 18. Concentrations of ammonia-N (top panel) and total nitrate (lower panel) from W. Branch DuPage River samples in 2008, 2012 and 2015 in relation to municipal WWTP discharges.

Bars along the x-axis depict mainstem dams or weirs (only black bars for dams that impede fish passage). For ammonia-N, the red dashed line (1.0 mg/l) represents a threshold concentration beyond which acute toxicity is likely; the orange dashed line (0.15 mg/l) is correlated with impaired biota in the IPS study. For total nitrate, red line represents the Illinois Water Quality Criterion, orange dashed line represents the Illinois Non-Standards Benchmark, and purple line represents the US Ecoregion 54 Benchmark.

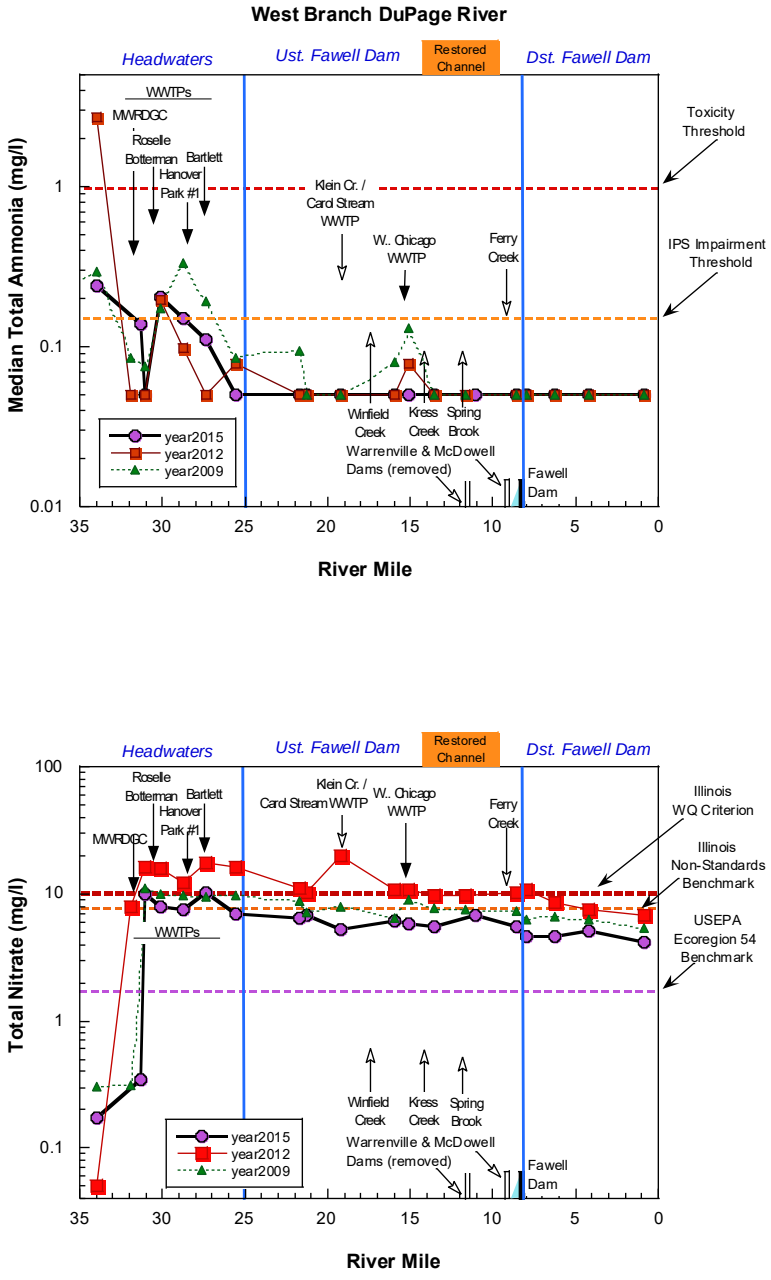
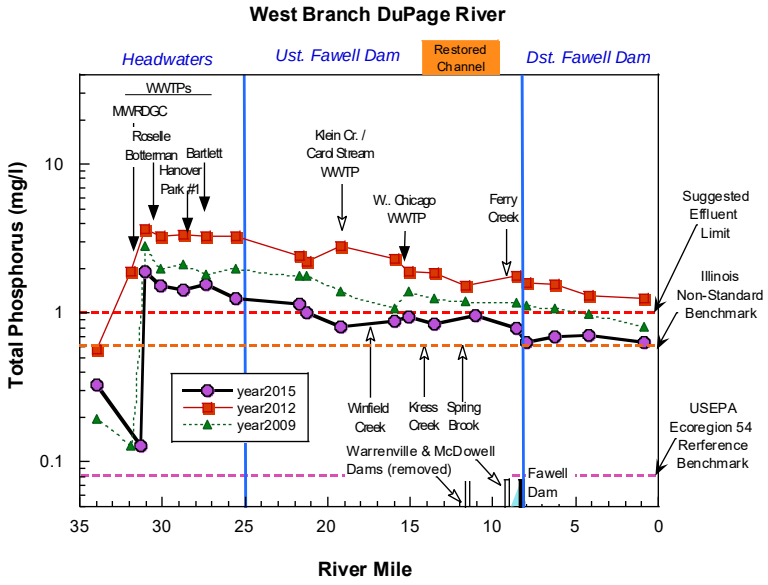


Figure 19. Concentrations total phosphorus (top panel) and chloride (lower panel) from W. Branch DuPage River samples in 2008, 2012 and 2015 in relation to municipal WWTP discharges.

Bars along the x-axis depict mainstem dams or weirs (black bars are dams that impede fish passage). For phosphorus, orange dashed lines represent target concentrations for ecoregion 54 (0.07 mg/l) and the Illinois EPA non-standard based criterion (0.61 mg/l). The 1.0 mg/l dashed red line is the suggested effluent limit. For chloride, red dashed line represents the Illinois Water Quality Criterion (500 mg/L) and orange dashed lines represent the IPS threshold for fish and macroinvertebrates. IPS is a tool developed by the DRSCW and MBI.



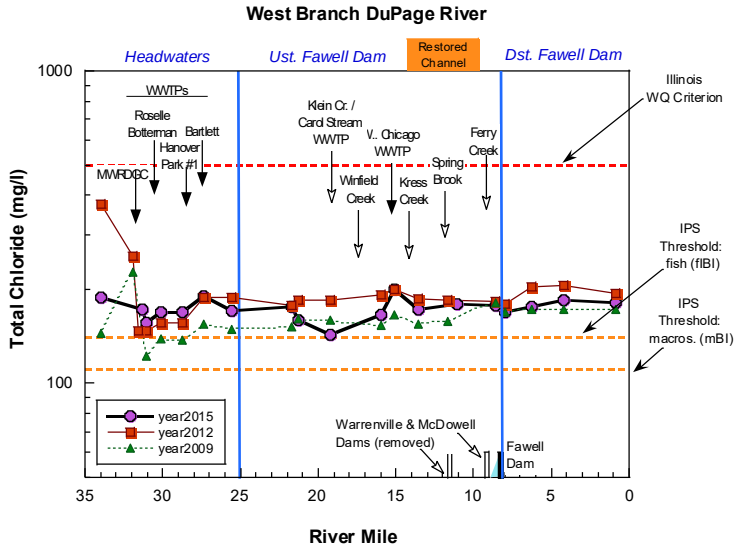
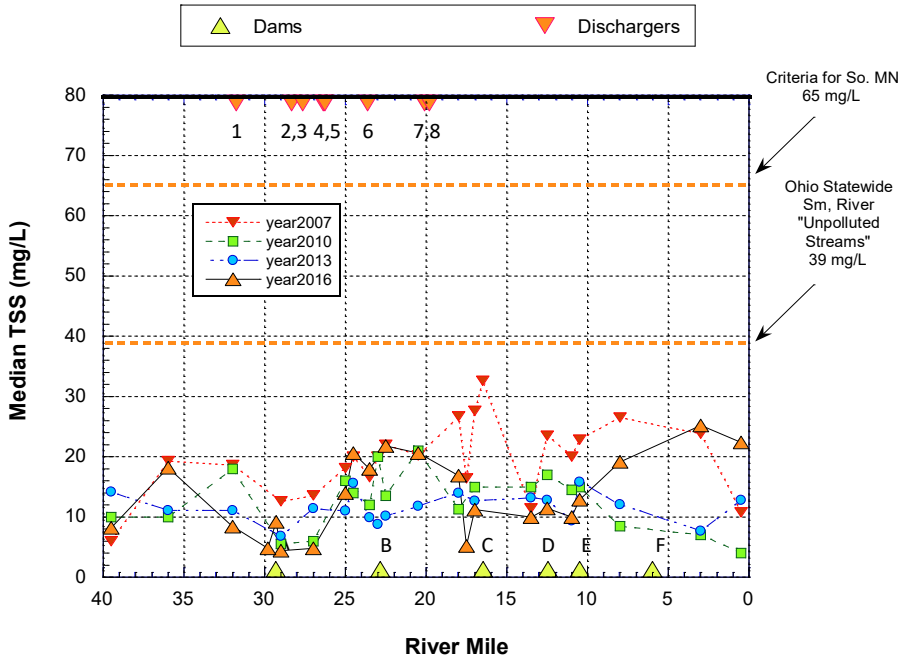


Figure 20. Concentrations of total suspended solids (top panel) and TKN (lower panel) from Salt Creek samples in 2007, 2010, 2013, and 2016 in relation to municipal WWTP discharges.

Yellow triangles along the x-axis depict mainstem dams or weirs. Orange dashed lines shows the upper limits of concentrations typical for relatively unpolluted waters for TSS (McNeeley et al. 1979). Blue dashed line in TSS plot is the Ohio reference threshold for headwater (HW) and wadeable (WD) streams. For TKN, orange dashed line represents the IPS threshold (1.0 mg/l). IPS is a tool developed by the DRSCW and MBI.



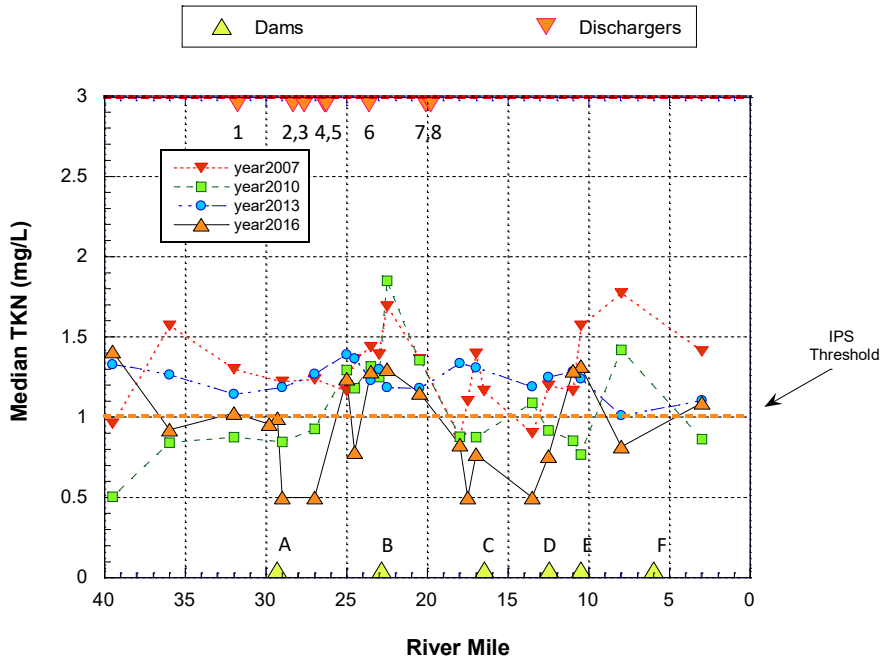


Figure 21. Concentrations of ammonia-N (top panel) and total nitrate (lower panel) from Salt Creek samples in 2007, 2010, 2013, and 2016 in relation to municipal WWTP discharges.

Yellow triangles along the x-axis depict mainstem dams or weirs. For ammonia-N, the blue dashed line (1.0 mg/l) represents a threshold concentration beyond which acute toxicity is likely; the orange dashed line (0.15 mg/l) is correlated with impaired biota in the IPS study. For total nitrate, red line represents the Illinois Water Quality Criterion, orange dashed line represents the Illinois Non-Standards Benchmark, and purple line represents the US Ecoregion 54 Benchmark.

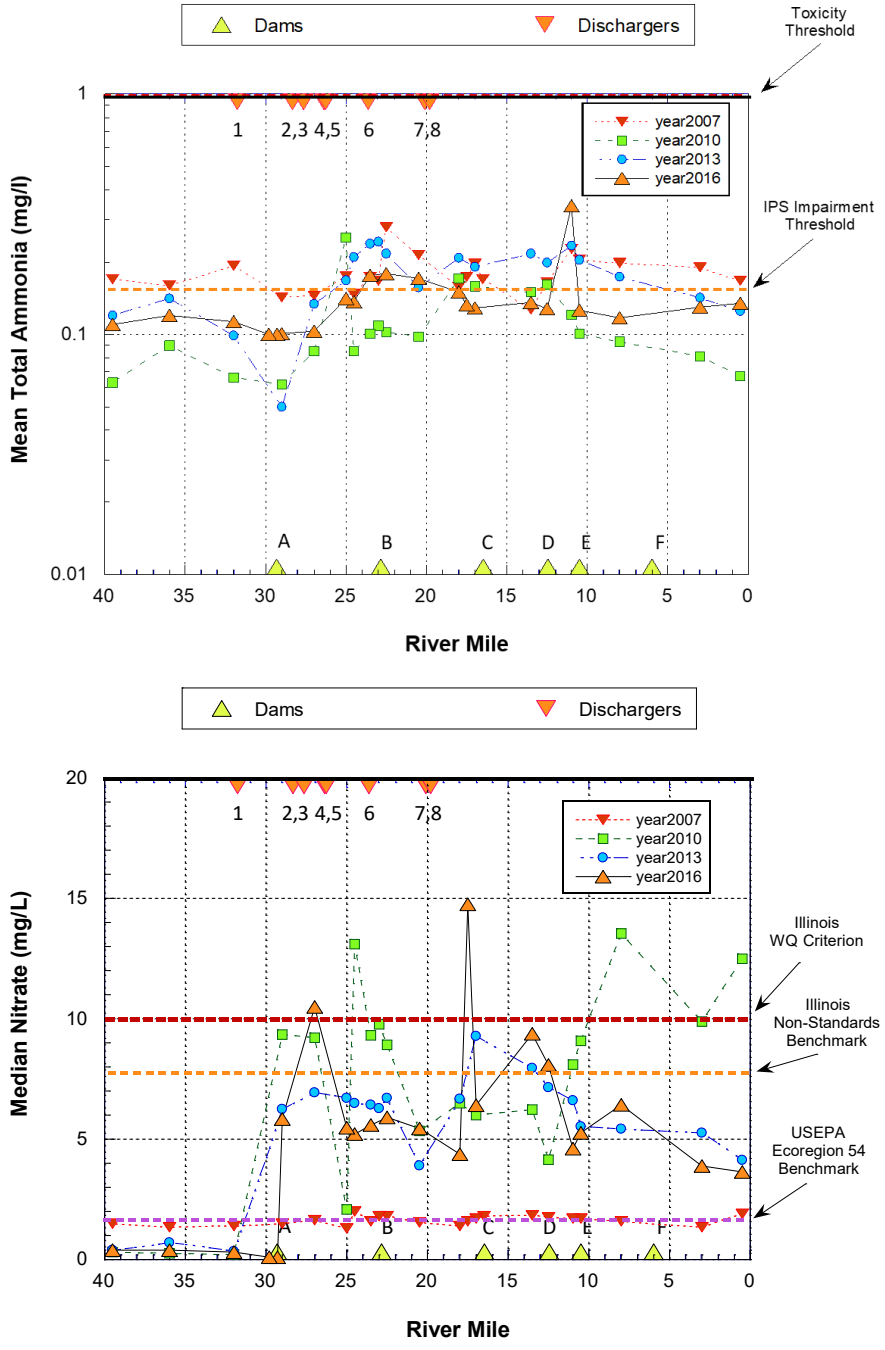
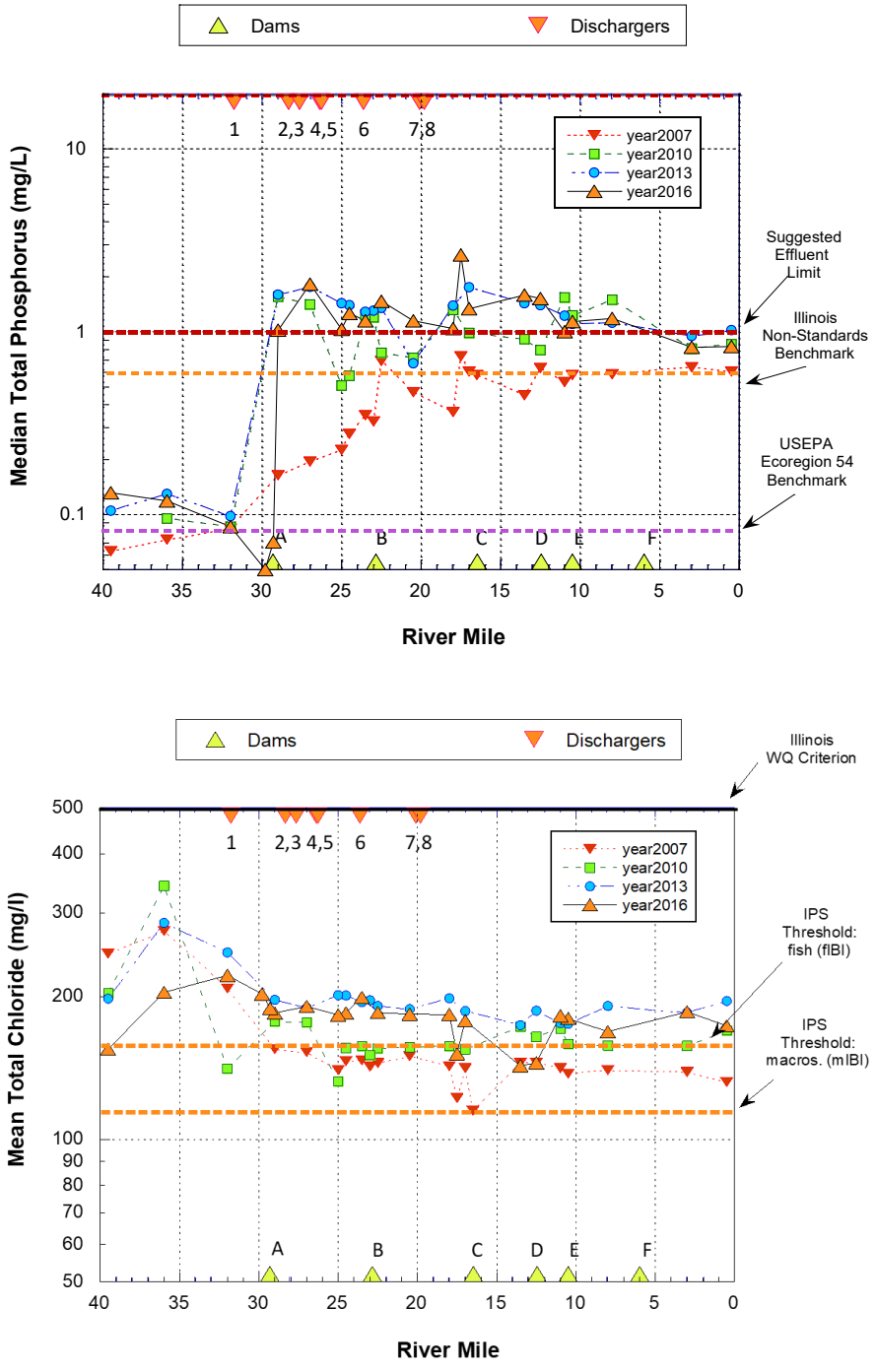


Figure 22. Concentrations total phosphorus (top panel) and chloride (lower panel) from Salt Creek samples in 2007, 2010, 2013, and 2016 in relation to municipal WWTP discharges.

Yellow triangles along the x-axis depict mainstem dams or weirs. For phosphorus, purple dashed lines represent target concentrations for ecoregion 54 (0.07 mg/l) and orange dashed line represents the Illinois EPA non-standard based criterion (0.61 mg/l). The 1.0 mg/l dashed red line is the suggested effluent limit. For chloride, red dashed line represents the Illinois Water Quality Criterion (500 mg/L) and orange dashed lines represent the IPS threshold for fish and macroinvertebrates. IPS is a tool developed by the DRSCW and MBI.



In 2016, samples for Fat, Oil and Grease (FOG) was collected at six (6) sites on the mainstem Salt Creek and one (1) site on Addison Creek. The results are summarized in Table 6.

Table 6. Concentrations of Fat, Oil and Grease in 2016 in the Salt Creek watershed.

Site Number	Latitude	Longitude	River Mile	Result (mg/L)
Salt Creek				
SC44	42.01197	-88.00092	29.3	Non detect
SC41	41.9703	-87.98817	25.0	Non detect
SC23	41.93694	-87.98423	22.5	1.63
SC37	41.88378	-87.96054	17.5	Non detect
SC49	41.82576	-87.90004	8.0	Non detect
SC29	41.8183	-87.83371	0.5	Non detect
Addison Creek				
SC-28	41.86116	-87.86774	1.5	2.47

In 2018, samples for fecal coliform samples were collected at five (5) sites on the mainstem Salt Creek, one (1) site on Springbrook and one (1) site on Addison Creek. Each site was sampled 5 times within a 30-day period beginning on September 19, 2018. The results are summarized below in Table 7.

Table 7. Concentrations of Fecal Coliform in 2018 in the Salt Creek watershed.

Site Number	Site Location	Fecal Coliform cfu/100 ml					Fecal Coliform cfu/100 ml
		9/19/2018	9/26/2018	9/27/2018	10/2/2018	10/8/2018	
Salt Creek							
SC15	Salt Creek at Higgins	750	550	2600	1450	11000	1764.54
SC43	Salt Creek at Arlington Heights	150	350	250	<50	50	160.05
SC51	Salt Creek at Elmhurst	550	1400	350	150	3400	672.40
SC49	Salt Creek at Wolf Road	100	400	3100	1600	13000	1208.64
SC29	Salt Creek at Rt 171	900	1300	350	2900	17000	1823.98
Tributaries							
SC16	Springbrook at Prospect Avenue	900	4200	650	<50	2600	1589.81
SC28	Addison Creek at Gartner Road	2450	2800	1350	1650	40000	3607.78

Sediment Chemistry Results

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

DISSOLVED OXYGEN (DO) MONITORING

Background and Methodology

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

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

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

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

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

Typically, the continuous DO monitoring project includes two to three (2-3) sites on the West Branch DuPage River, four to five (4-5) sites of the East Branch DuPage River, and three to four (3-4) sites on Salt Creek. The program began in 2006 and data has been collected each year since. Each site is equipped with a HydroLab DS 5X which collects data on DO, pH, conductivity and water temperature. Stations have a sample interval of one hour and collect data from June through to October (the seasonal period recognized as containing the lowest annual levels of stream DO). The continuous DO monitoring program functions under a quality assurance plan agreed on with the Illinois Environmental Protection Agency (http://drscw.org/wp/dissolved-oxygen/). Details on the site location are included in Table 8 and site locations are included on Map 1.

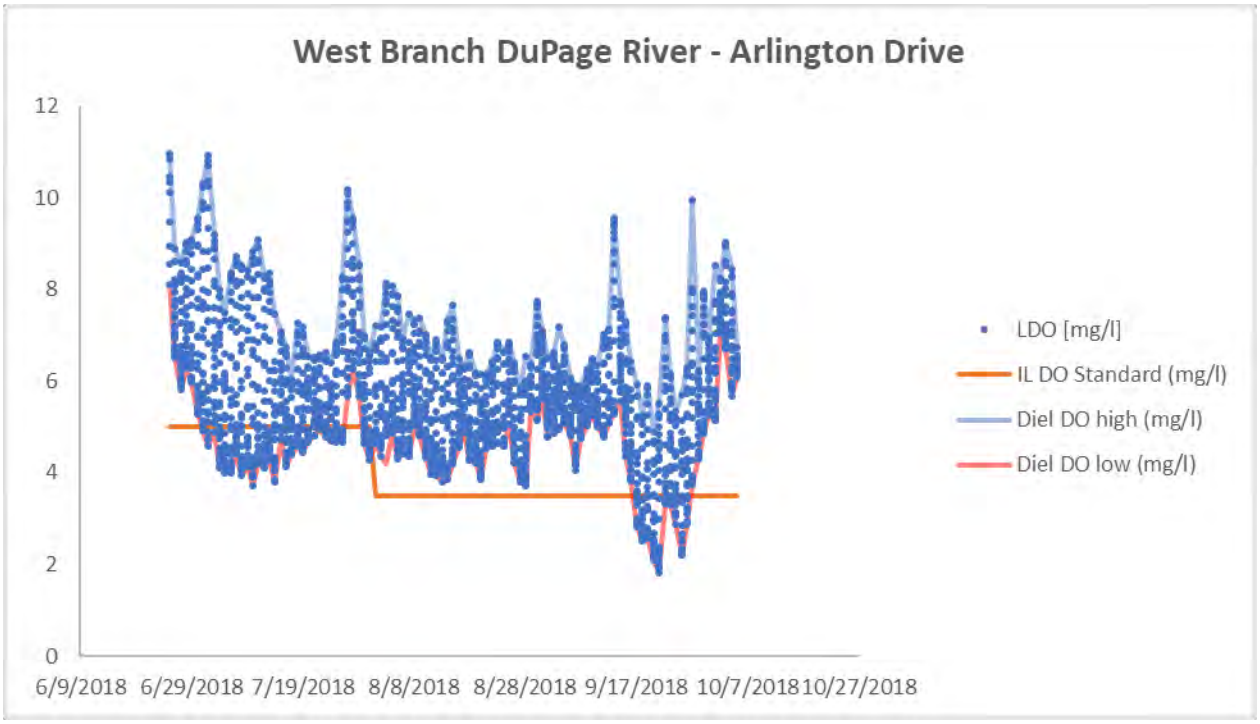
Table 8. Continuous DO monitoring locations in the DRSCW watersheds

Site ID	Stream Name	River Mile	Latitude	Longitude	Location
WBAD	W. Br. DuPage R.	29.9	41.9750	-88.1386	Arlington Drive
WBBR	W. Br. DuPage R.	11.7	41.825268	-88.179456	Butterfield Road
WBWD	W. Br. DuPage R.	11.1	41.82027	-88.17212	Downstream of Warrenville Grove Dam
WBMG	W. Br. DuPage R.	8.6	41.795928	-88.18726339	Downstream of McDowell Grove Dam
EBAR	E. Br. DuPage R.	23.0	41.935171	-88.05843	Army Trail Road
EBCB	E. Br. DuPage R.	18.8	41.88510	-88.04110	Former Churchill Woods pool (Crescent Blvd)
EBHL	E. Br. DuPage R.	14.0	41.82570	-88.05316	Hidden Lake Preserve
EBHR	E. Br. DuPage R.	8.5	41.76800	-88.07160	Upstream Hobson Rd
SCOM	Salt Creek	23.0	41.941279	-87.983363	Oak Meadows Golf Course upstream of former Dam
SCBR	Salt Creek	16.1	41.864686	-87.95073	Butterfield Road
SCFW	Salt Creek	11.1	41.825493	-87.93158	Fullersburg Woods upstream of Dam

Results

Results of the continuous DO monitoring conducted in the summer of 2018 is included in Figures 24-29.

Figure 23. Dissolved Oxygen plots for West Branch DuPage River sites WBAD (top panel) and WBBR (lower panel).



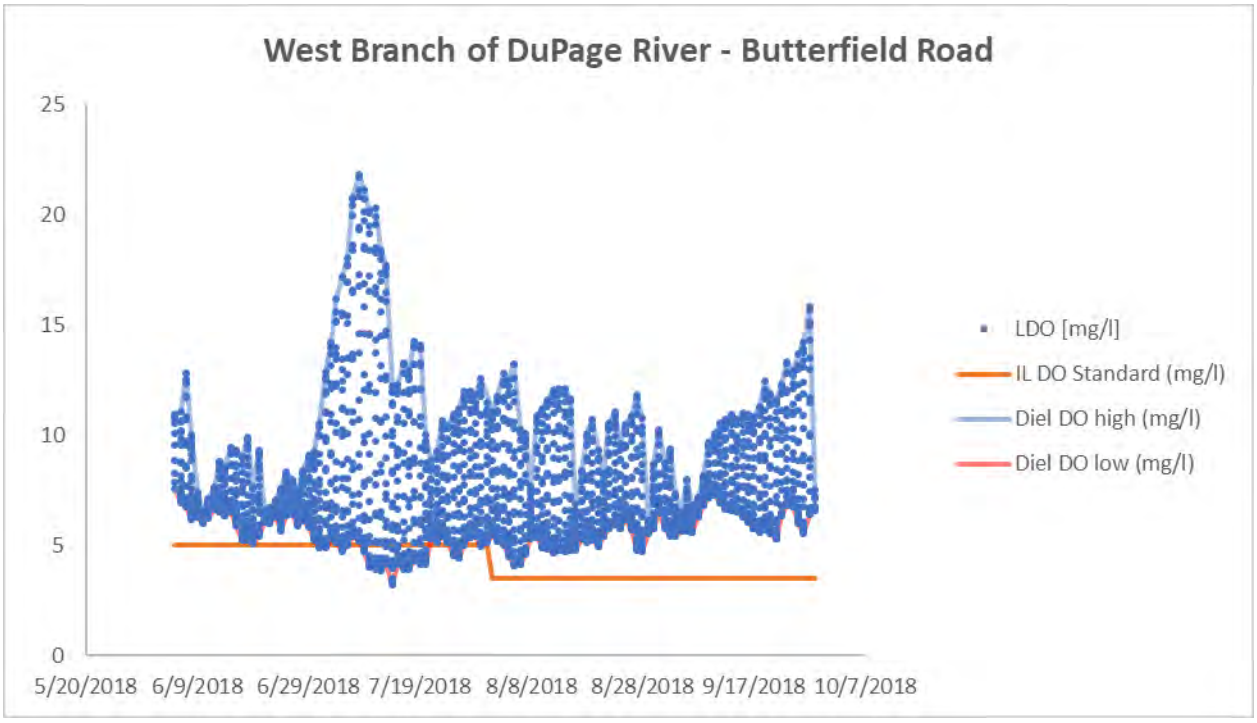


Figure 24. Dissolved Oxygen plots for West Branch DuPage River sites WBWD (top panel) and WBMG (lower panel).

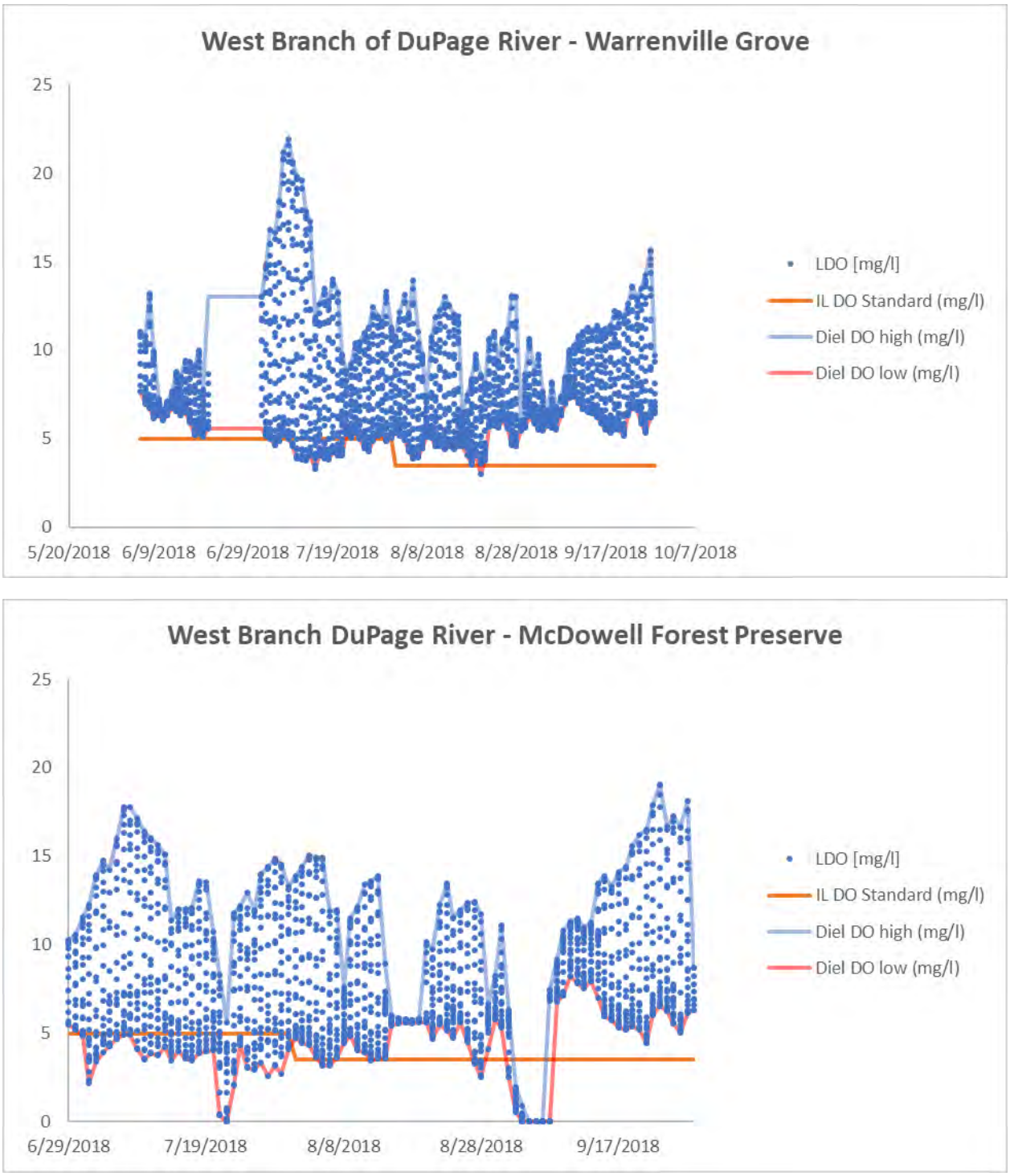


Figure 25. Dissolved Oxygen plots for East Branch DuPage River sites EBAR (top panel) and EBCB (lower panel).

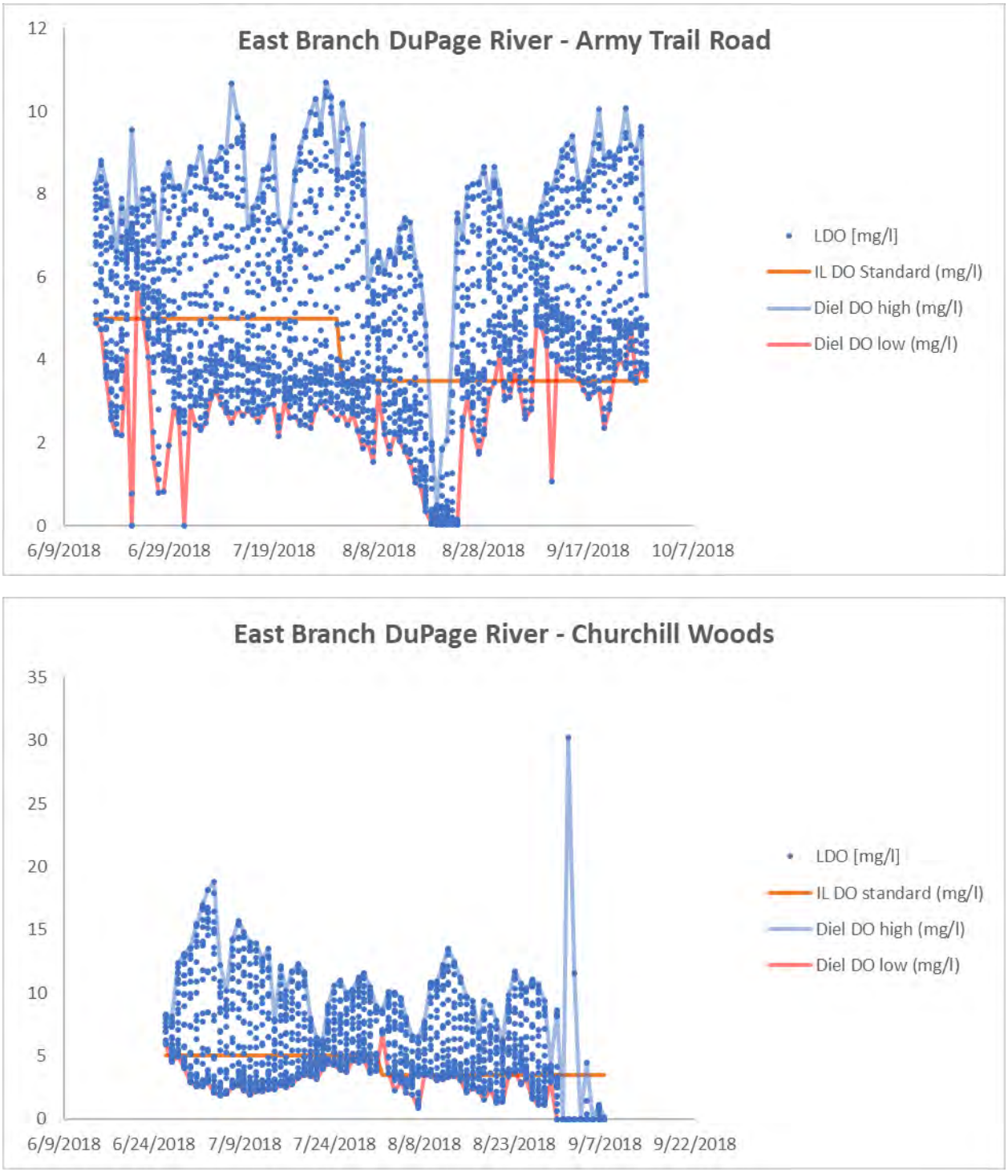
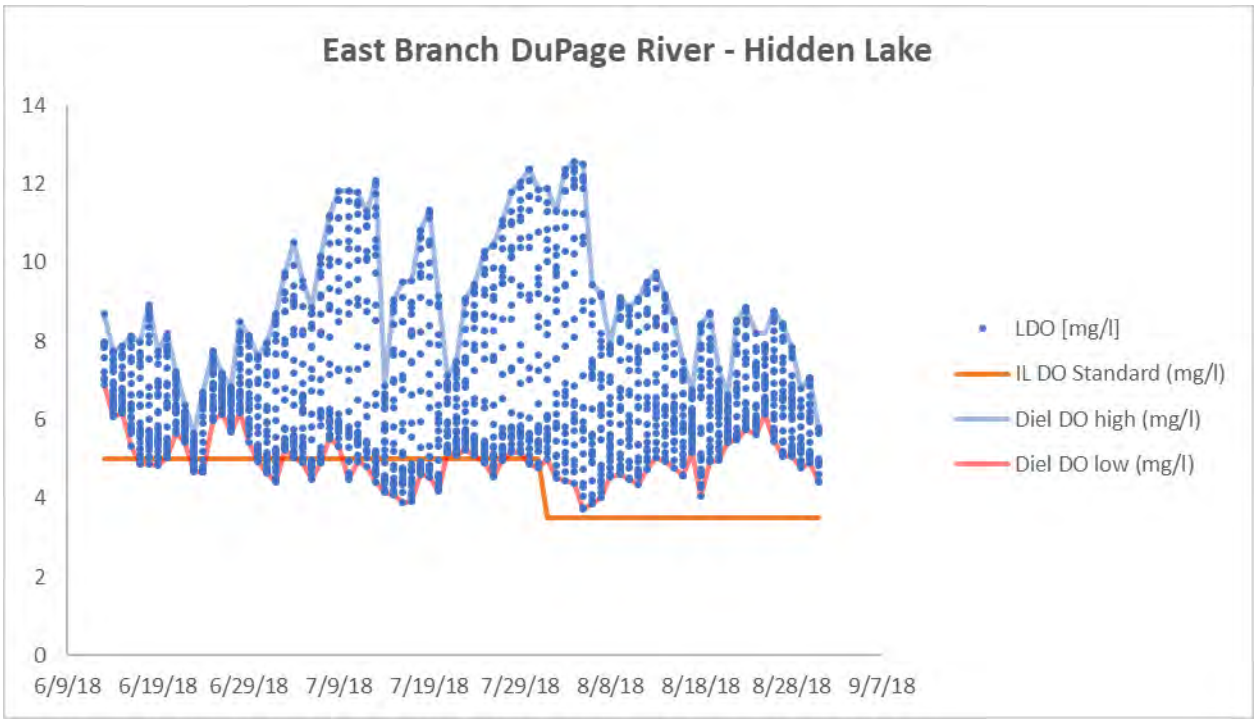


Figure 26. Dissolved Oxygen plots for East Branch DuPage River sites EBHL (top panel) and EBHR (lower panel).



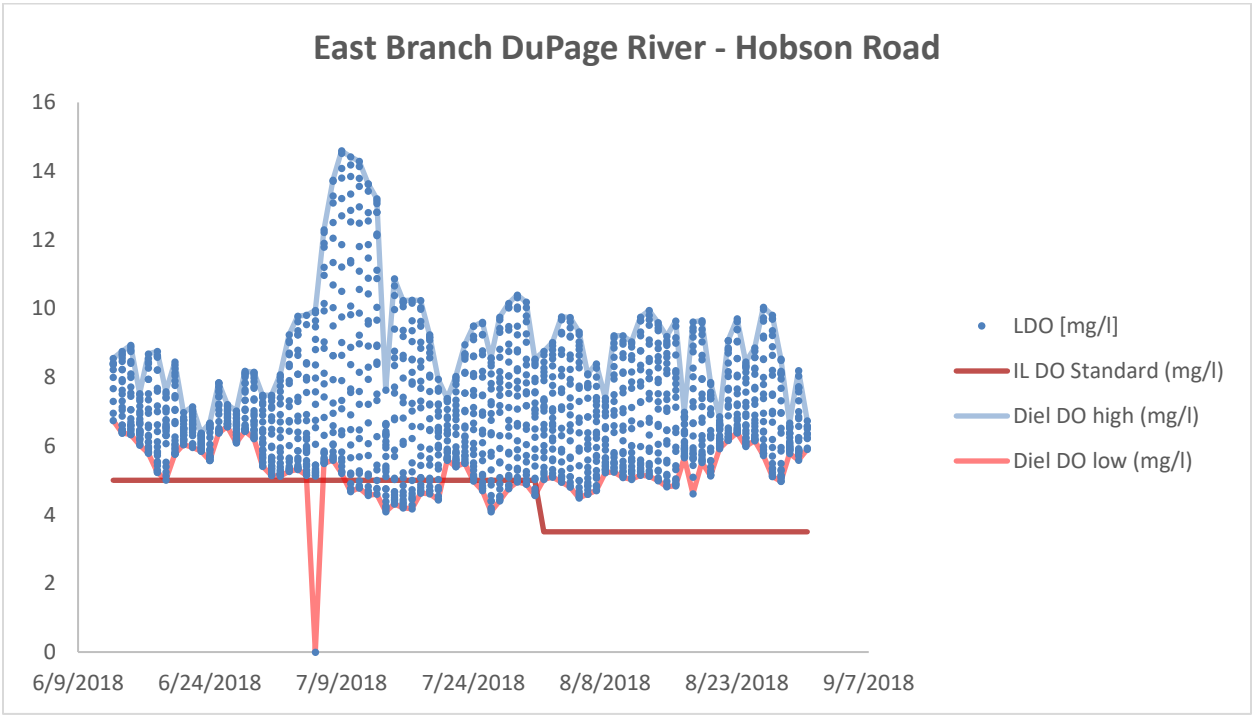
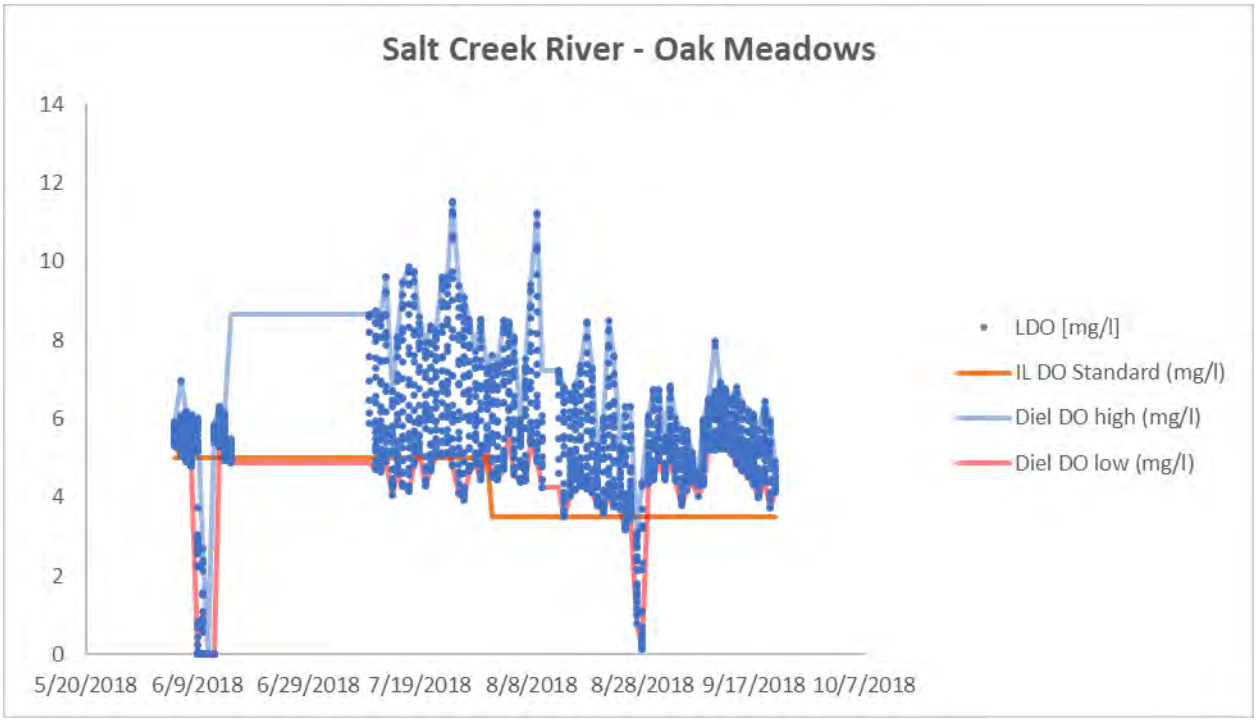


Figure 27. Dissolved Oxygen plots for Salt Creek sites SCOM (top panel) and SCBR (lower panel).



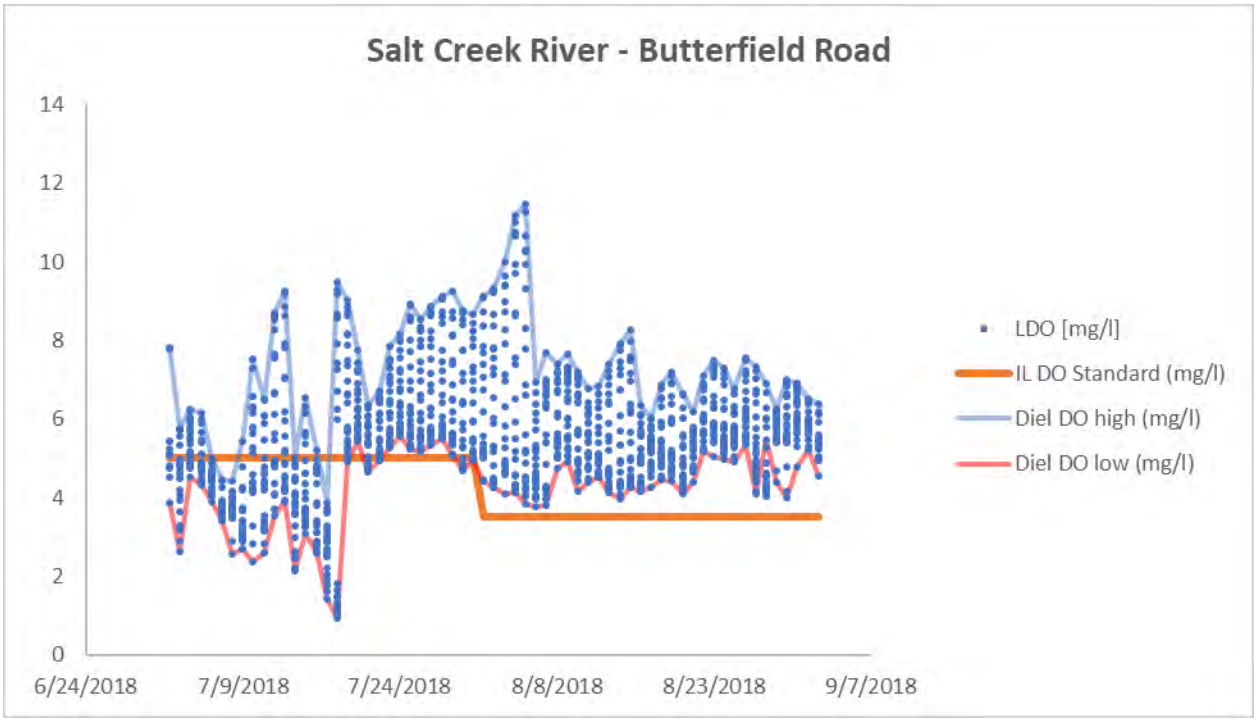
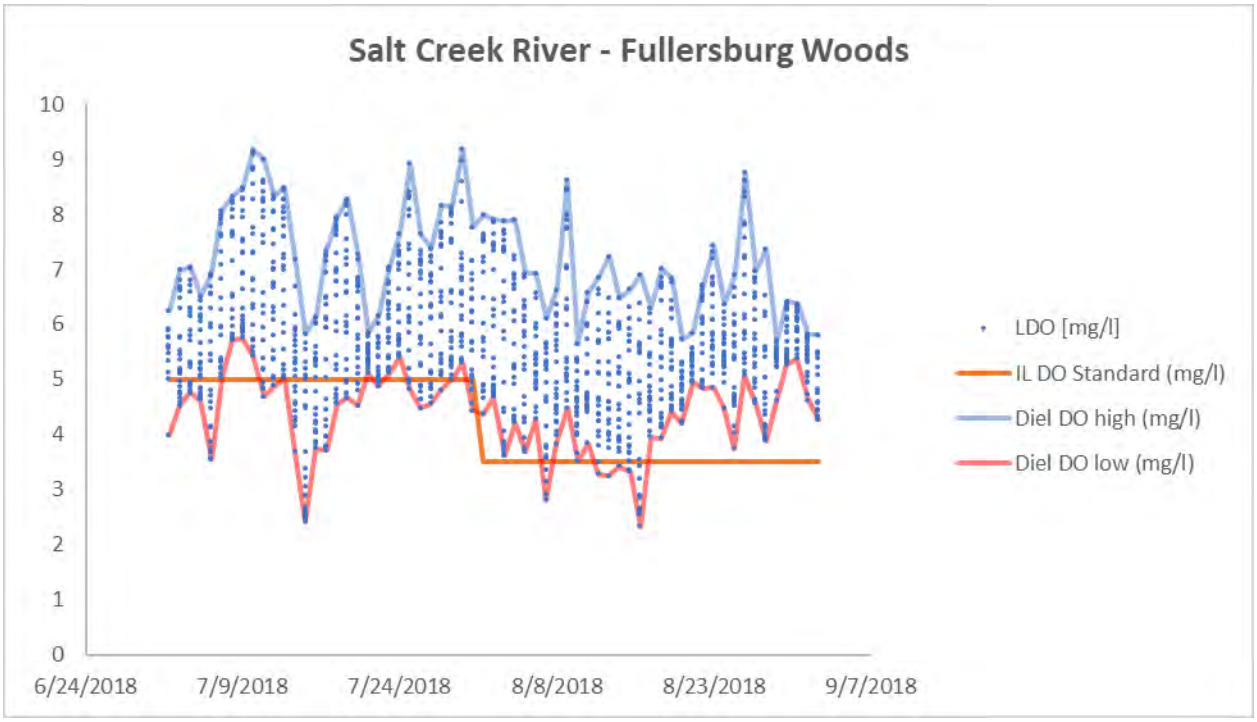


Figure 28. Dissolved Oxygen plots for Salt Creek sites SCFW.



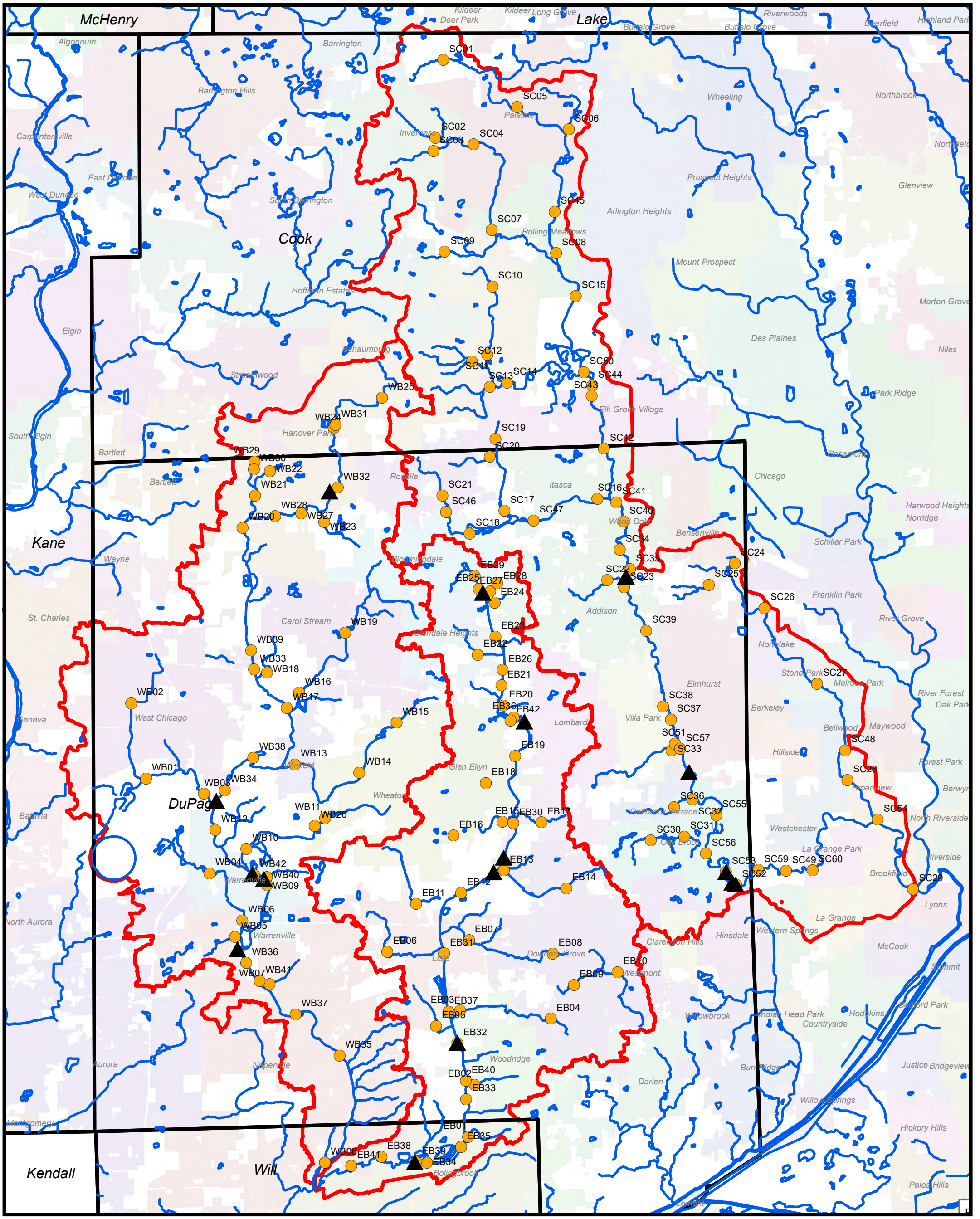
B. Recordkeeping

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

C. Reporting

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

Map 1. DRSCW Ambient Bioassessment and Continuous Dissolved Oxygen Monitoing Locations



Attachment A

2018 Deicing Program Survey Results



BAXTER & WOODMAN Consulting Engineers

DuPage River Salt Creek Workgroup

Chloride Education and Reduction Program
2018 Deicing Program Survey

DRAFT

March 26, 2019

4.15.2019

Section 1
Background and Purpose

The DuPage River Salt Creek Workgroup (DRSCW) is a coalition of local governments, sanitary districts, environmental organizations, and professionals working to improve the ecological health of Salt Creek and the Upper DuPage River. DRSCW is responding to water quality requirements for chloride since the East and West Branches of the DuPage River and Salt Creek have been identified as having chloride related impairments. Total Maximum Daily Load (TMDL) analysis performed by the Illinois Environmental Protection Agency recommended significant reductions in chloride loading for each of the streams to meet the State's water quality standard for chloride (500 mg/L).

DRSCW formed a Chloride Committee and the Chloride Education and Reduction Program to develop and promote alternatives to conventional roadway deicing practices and support the implementation of the alternatives. An element of the program is gathering information from municipal deicing programs via survey questionnaires to benchmark municipal activities and identify positive changes in roadway deicing program practices. This report serves to summarize the responses received from the 2018 deicing program survey.

Funding for the program and this report is provided in part by the Illinois Environmental Protection Agency through Section 319 of the Clean Water Act and DRSCW member dues.

1.1 Background Information

Municipal road salting was identified as a source of chloride loading to DRSCW watersheds. As a result, DRSCW distributed a survey questionnaire to about 80 municipalities in November 2006 and April 2007 to obtain baseline information about deicing practices throughout the watersheds. Thirty-nine responses to the survey were received, forming an informed baseline of the deicing programs implemented in the watersheds. A similar survey was distributed in 2010. Thirty-two public agencies responded to the 2010 survey which helped to note positive changes in local deicing practices. The 2012, 2014, and 2016 the surveys generated 34, 27 and 43 responses respectively. Thirty-nine (39) agencies responded to the 2018 survey.

1.2 Goals of the Questionnaires

The 2018 Deicing Program Survey was conducted in the Spring of 2018 to follow up with agencies on any changes and/or improvements in their deicing programs, potentially because of DRSCW Chloride Reduction Program efforts, and any resulting effects on salt application rates.

The 2018 survey questionnaire asked for information about deicing practices and strategies per the following categories:

- General deicing and snow removal information
- Deicing and snow removal equipment
- Application rates

- Salt storage
- Equipment maintenance and calibration
- Management and record-keeping

The responses to the survey are summarized in Section 2 of this report. The responses are compared to those received in earlier surveys to determine if any changes or improvements have occurred. The survey and response data are included in **Appendix A**.

Section 2
Survey Responses

2.1 Survey Responses

Thirty-nine agencies responded to the 2018 survey. The following subsections summarize the responses in each of the categories described in Section 1. The survey and all responses are included in **Appendix A** of this report. Note that not all agencies provided responses to all questions, and some agencies answered some questions in different ways, resulting in some inconsistencies in survey results.

2.1.1 General Deicing and Snow Removal Information

The survey asked agencies for general deicing and snow removal information. All responding agencies provided some information. Survey responses indicated approximately 7,074 lane miles of road serviced by deicing programs throughout the watersheds.

2.1.1.1 Salt Application and Price

The majority of agencies indicated an average salt application rate of 200-300 pounds per lane mile (lbs/lm). **Figure 2-1 shows** the respondent's salt application rate distribution, comparing 2012-2018 averages to the 2016 and 2018 survey responses.

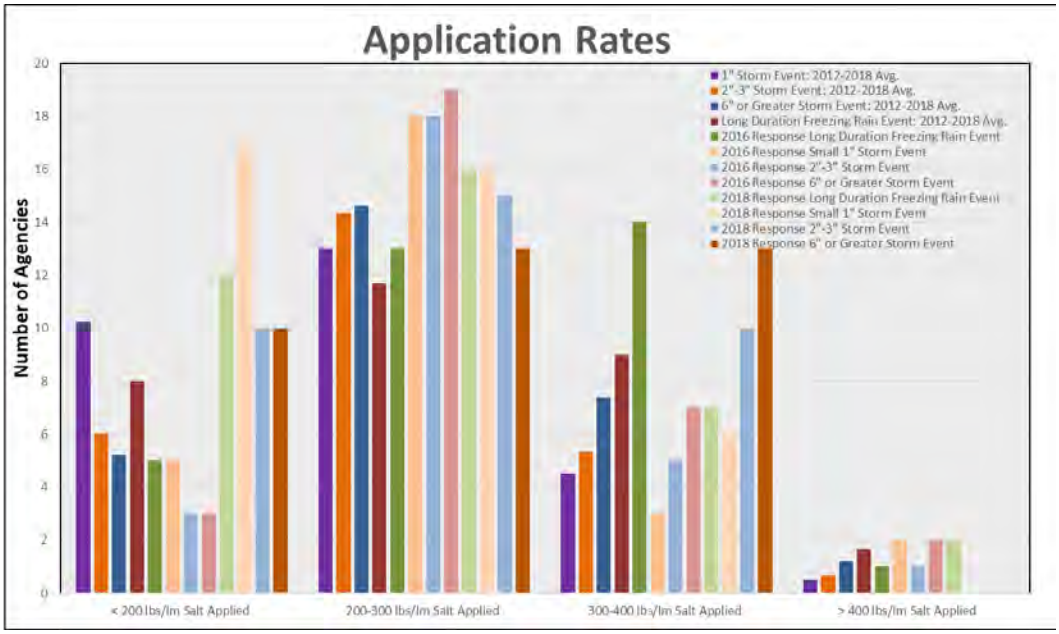


Figure 2-1 – Average Salt Application Rates

Survey responses generally indicate that more agencies are applying less salt per lane mile than in previous years for smaller winter storm events, and more salt per lane mile for the largest of events.

Regarding salt prices, 23 of the 39 agencies responding agencies indicated an increase in salt or deicing product prices over the past few years. Six (6) agencies reported a decrease in salt or deicing product price over the past few years. Nine (9) agencies indicated that product prices have remained the same.

2.1.1.2 Deicing, Anti-Icing, Pre-Wetting, and Deicing Agents

Information about deicing, pre-wetting, and anti-icing practices, as well as the deicing agents used was requested by the survey. The following is a list of deicing agents used by respondents:

- Each of the 39 responding agencies reported the use of salt
- Twenty-eight (28) agencies reported the use of dry rock salt
- Nineteen (19) agencies used liquid calcium chloride
- Ten (10) agencies reported the use of pre-manufactured liquid products

From the 39 responders, 26 reported using pre-wetting practices. The 2018 survey asked what percentage of total salt usage was pre-wetted prior to application. Of those agencies pre-wetting salt, responses ranged from 20 to 100% of total salt used, with the majority pre-wetting 90 to 100%.

Twenty-one (21) responders implement ant-icing practices. Benefits to anti-icing were noted as:

- Lowered salt usage
- Safer roadways
- Melts ice at lower temperatures /easier plowing / prevent freezing
- Reduced time spent plowing
- Reduce call-ins for minor snow events

Barriers to anti-icing were reported as:

- Lack of equipment / cost of equipment / limited vehicle storage
- Lack of personnel
- Political pressures
- Size of town / type of roads

2.1.1.3 Weather and Pavement Temperature Forecasting

Twenty-seven (27) respondents make use of pavement temperature for winter event deicing response, which is a slight increase from the previous survey.

2.1.2 Deicing and Snow Removal Equipment

All agencies use snow plows or similar equipment. Twenty-nine (29) agencies have mechanically controlled spreading equipment, and 32 have computer-controlled equipment. Equipment for spreading liquids is used by 31 agencies.

2.1.3 Salt Storage

2018 survey responses indicated the following salt storage practices:

- Thirty-seven (37) agencies responded that salt storage areas are fully enclosed storage structure or have impervious storage pads.
- Thirty-five (35) agencies store salt on an impervious pad.
- Thirty-seven (37) agencies indicated that drainage from their storage area(s) is controlled or collected.
- Twenty-four (24) agencies indicated that they store salt in a single storage area.
- Thirty-four (34) agencies store salt in an enclosed area.
- Thirty-two (32) reported that residual salt in loading areas is swept up.
- Six responders indicated they have salt storage areas which are not fully enclosed or on an impervious pad, which is a decrease by 8% from 2016.

2.1.4 Equipment Maintenance, Cleaning, and Calibration

Thirty-three (33) agencies indicated that they calibrate their de-icing equipment, an increase in the number of agencies performing calibration as a best management practice. Most agencies providing calibration information perform calibration annually, with 3 agencies calibrating at least 2 times per season, 3 agencies calibrating every 2 years, and 6 agencies calibrating after major maintenance or repairs (in addition to annually.

Thirty-seven (37) agencies responded that equipment is washed at an indoor wash station draining to a sanitary sewer. One (1) agency indicated outdoor washing in areas not drained to a sanitary sewer. Two (2) respondents reported collecting and reusing wash water for brine making. Sixteen (16) responders reported having brine making equipment, and 1 responder indicated the equipment is shared with other townships.

2.1.5 Management and Record-Keeping

Twenty-five (25) agencies indicated that operators are trained annually (or more often). Thirteen (13) of the remaining agencies train at the start of employment and one agency did not specify a training schedule.

From a management standpoint, the rate of salt application is established by the director or supervisor in 35 agencies, solely by the operators in 2 agencies, and 1 agency did not report. During spreading, the rate of product application is controlled solely by the

operator in 26 agencies, by the operator in addition to other measures in 34 agencies, automatically in 2 agencies, and set at a fixed rate in 2 agencies. Twenty-nine (29) agencies reported having set guidelines for equipment speed to control bounce and scatter and loss of salt from the road surface.

Regarding record keeping, thirty-two (32) agencies keep records per winter storm event, 25 keep records per truck, and 25 kept records per season. Twenty-eight (28) agencies keep more than one type of record for program management. Two (2) agencies reported keeping no records.

Seven (7) responders indicate contractors are utilized for clearing operations. Most responding agencies use contractors to clear cul-de-sacs. One uses a contractor to clear 20% of the road system.

2.2 Survey Analysis

The following subsections provide survey conclusions developed by comparing information from the 2016 survey to responses received from the 2014 survey or previous surveys. Forty-three (43) agencies responded to the 2016 survey, while 27 agencies responded to the 2014 survey. The number of new agencies responding to the survey is a positive for the amount of information provided for study and program participation overall, but results in some changes or inconsistencies in information trends.

2.2.1 Alternative Methods and Practices Analysis

Many of the questions in the survey focused on the use of alternative deicing agents, methods, and practices such as pre-wetting and anti-icing. **Figure 2-2** illustrates the percentage of respondents that use various deicing agents as reported on the 2007, 2010, 2012, 2014, 2016, and 2018 questionnaires.

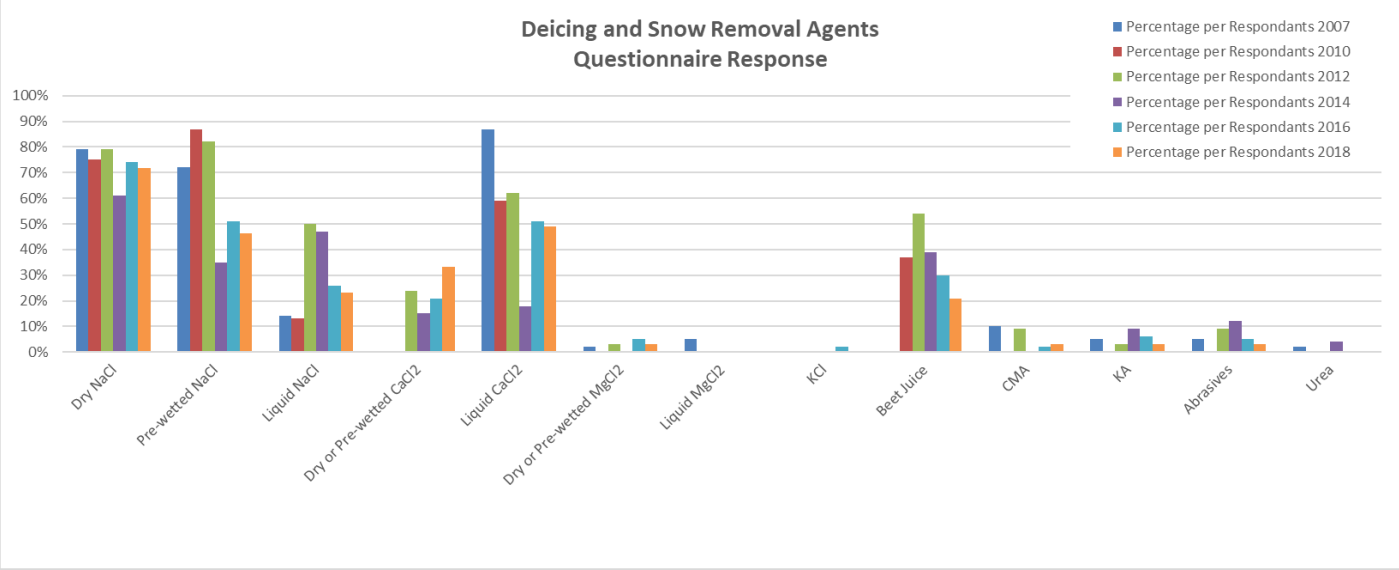


Figure 2-2 – Deicing and Snow Removal Agents

The survey results indicated dry and pre-wetted salt (NaCl) may have slightly decreased from the previous surveys In 2018, 46% of agencies reported using pre-wetted salt, however previous program information suggests that the level of implementation of pre-wetting is much higher than this throughout the watershed. The 2018 survey percentages may be skewed by agencies which did not report, and inexperience with the type of information being asked by the survey. Follow up with individual agencies for future surveys may be needed.

Other analysis observations include:

- Results show a 12% increase in dry or pre-wetted Calcium Chloride ($CaCl_2$).
- Results show a small decrease in the use of dry or pre-wetted Magnesium Chloride ($MgCl_2$).
- No 2018 responders use liquid $MgCl_2$, Urea, or Potassium Chloride (KCL). The 2016 survey reported no MgCl2 or Urea as well, but only one responder for KCL.
- The use of Calcium Magnesium Acetate (CMA) has slightly increased since 2016.
- Potassium Acetate (KA) and Abrasives have decreased since 2016.
- Beet Juice usage was at a peak in 2012, and has declined.

This year's survey asked agencies for the application rate of salt pre-wetting liquids, and application rate of anti-icing liquids to roadways. Application rates for pre-wetting ranged from 5 to 30 gal/ton of salt. Application rates for anti-icing ranged from 10 to 50 gal/lane mile.

In 2007, 14 agencies reported the use of anti-icing practices. Since then the number of reporting agencies has been

- 2010 - 20 agencies
- 2012 - 20 agencies
- 2014 - 13 agencies
- 2016 - 26 agencies

In 2018, 21 reporting agencies implemented anti-icing practices. This trend suggests improvement in the use of anti-icing BMPs over time, with the most widespread use in 2016.

Similar to the 2016 survey results, 2 of the responding agencies reuse vehicle wash-water for making brine solution. The responders who reported reuse of wash water in 2016 are not the same as in 2018.

2.2.2 Salt Application Rates

In 2007, survey respondents were asked about their average annual salt usage. In 2012, 2014, 2016, and again in 2018 respondents were asked about annual salt usage. Respondents gave their annual usage for each winter season which provides a good benchmark for how weather has affected salt application rates. **Figure 2-3** shows an approximated annual salt usage in lbs/lane mile for each watershed in the study area reported from the 2007, 2012, 2014, 2016, and 2018 surveys.

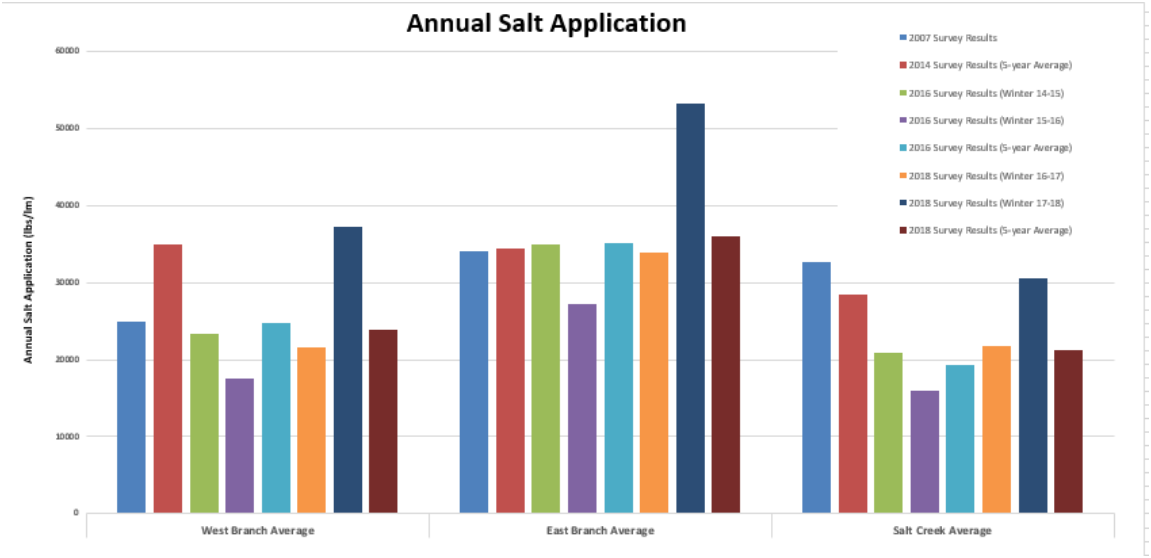


Figure 2-3 – Annual Salt Application Reported from 2007 - 2018

Annual salt application rates generally decreased from 2007 – 2012 in the watersheds, and increased from 2012-2014 as a result of winter precipitation and storm event frequency variation. 2018 survey responses indicated that the per lane mile use of salt in the 2017-18 winter was noticeably larger from that in most previous years. The number and type of winter storm events occurring each year and the different agencies providing usage information for each survey make developing direct usage trends or correlations difficult.

Survey respondents were asked about the average salt application rate per lane mile for specific winter storm events. This information more comparably describes a community's salt usage, or application rate. Figure 2-1 shows salt application rates reported from the 2010, 2012, 2014, 2016, and 2018 surveys. In general, the number of agencies applying 200-300 lbs/lm has increased from 2012 to 2018 for Long Term Freezing Rain event (LTFR) and 1" storm events.

Both annual salt usage data and salt application rates provide insight into individual agency programs and salt application across watersheds, as well as a valuable benchmark for future survey and Chloride Reduction Program efforts. Both of the above

values will continue to be requested of agencies in future surveys to compare and report deicing program improvements, and presumed water quality improvements.

2.3 Survey Conclusions

The purpose of the 2018 survey was to gather follow-up information to determine if alternative deicing practices are being implemented in the DuPage River/Salt Creek watersheds. Thirty-nine (39) agencies responded to the 2018 survey, similar in number to the 2016 survey (two less in 2018). As different agencies provided information, the 2018 survey results may be skewed by the unique practices of the agencies providing information this year, and inexperience with the type of information being asked by the survey. Follow up with individual agencies for future surveys may be needed.

- Almost all agencies in the program area have covered permanent salt storage facilities; however, there are still some opportunities for storage and salt handling improvements across the watersheds.

- Almost all agencies are using pre-wetted salt, either as a pre-wetted product or by pre-wetting the salt on board spreading equipment immediately before applying to road surfaces. Some agencies are not fully implementing pre-wetting practices. The 2018 survey asked what percentage of total salt usage was pre-wetted prior to application. Of those agencies pre-wetting salt, responses ranged from 20 to 100% of total salt used, with the majority pre-wetting 90 to 100%.

- Twenty-nine (29) agencies reported having set guidelines for equipment speed to reduce bounce and scatter and loss of salt from the road surface.

- For the 2018 survey, 21 responders reported the implementation of anti-icing practices. The benefits of anti-icing were noted as:
    - Lowered salt usage
    - Safer roadways
    - Melts ice at lower temperatures /easier plowing / prevent freezing
    - Reduced time spent plowing
    - Reduce call-outs for minor snow events

- Agencies are implementing anti-icing at different levels within their operations, with varying success. The level of implementation could be expanded over time. The barriers to implementing anti-icing practices were reported as:
    - Lack of equipment / cost of equipment
    - Limited vehicle storage available
    - Lack of personnel
    - Size of town / type of roads
    - Political pressures

- Out of the agencies responding, 27 agencies use an advanced weather forecasting service, which is a similar percentage of responders from the previous 2016 survey. Twenty-seven (27) respondents make use of pavement temperature for winter event deicing response, which is a slight increase from the previous

survey. Several communities within the program area are not making use of these practices.

- The 2018 survey asked agencies for the application rate of salt pre-wetting liquids, and application rate of anti-icing liquids to roadways. Application rates for pre-wetting ranged from 5 to 30 gal/ton of salt. Application rates for anti-icing ranged from 10 to 50 gal/lane mile.

- Seven (7) responders indicate contractors are utilized for clearing operations. Most responding agencies use contractors to clear cul-de-sacs. One uses a contractor to clear 20% of the road system.

- Eighteen (18) agencies reported changes made to their program due to local deicing program workshops in 2018, indicating agencies are hearing about alternative ways to implement deicing practices at the workshops and are testing new practices that could reduce overall salt usage.

In order to perform a more definitive trend analysis of program improvements and reductions in salt usage, additional information will need to be collected over time. Information should continue to be collected to characterize any deicing program BMP improvements and resulting reductions in salt usage occurring within the DRSCW watersheds.

Attachment B

List of Registrants at the 2018 Public Roads Deicing Workshop

DRSCW Roads Deicing Workshop Attendees Oct. 25, 2018

Agency	First Name	Last Name
Village of Addison	Eddie	Paladino
Village of Addison	Greg	Soltwisch
Village of Addison	John	Van Meter
Village of Addison	Jon	Wagner
Addison Township Highway Dept	Mike	Capizzano
Addison Township Highway Dept	Alex	Kachiroubas
Addison TownshipHighway Dept	Don	Holod
Village of Bloomingdale	Jim	Johnson
Village of Bloomingdale	Ed	Lewen
Village of Bloomingdale	Jim	Monkemeyer
Bloomingdale Township	Bruno	Barton
Bloomingdale Township	Ben	Dehart
Bloomingdale Township	John	Hitzker
Bloomingdale Township	Robert	Nogan
Bloomingdale Township	John	Pauling
Bloomingdale Township	Nick	Sickafoose
Bloomingdale Township	Brad	Warner
Bloomingdale Township	Dylan	Wiggins
City of Darien	Dave	Brownl
City of Darien	Dennis	Cable
City of Darien	John	Carr
City of Darien	Jeff	Corneils
City of Darien	Dave	Fell
City of Darien	Jim	Herman
City of Darien	Rich	Lepic
City of Darien	Keith	Schuster
City of Warrenville	James	Clark
City of Warrenville	Phil	Kuchler
City of Warrenville	Joe	Mcfadden
City of Warrenville	Dave	Neal
City of Warrenville	Bruce	Padalik
City of Warrenville	John	Satter
DuPage DOT	Jenni	Schlueter
DuPage DOT	Matt	Ebelt
DuPage DOT	Mark	Matozzi
DuPage DOT	Dylan	Schrader
DuPage DOT	Adkin	Rhodes
DuPage DOT	Buddy	Johnson
DuPage Public Works	Ben	Notte
DuPage Public Works	Doug	Daly
DuPage Public Works	Mike	Krause
DuPage Public Works	Charles	Eaves
Elk Grove Village	Bryan	Grippo
Elk Grove Village	John	Temes

Agency	First Name	Last Name
Fermilab	Ed	Collins
Fermilab	Ryan	Frantzen
Fermilab	Jason	Van Hartman
Fermilab	Sheryl	Westwood
Forest Preserve of DuPage Co	Bob	McNeel
Village of Hinsdale	Derek	Donylersky
Village of Hinsdale	Eric	Kasperksi
Village of Hinsdale	Brendon	Mendoza
Village of Hinsdale	Juan	Morin
Village of Hinsdale	Wes	Phenegar
Village of Hinsdale	Rich	Roehn
IL Highway Toll Auth	William	Alicea
IL Highway Toll Auth	Matt	Carter
IL Highway Toll Auth	Hector	Contreras
IL Highway Toll Auth	Brian	Fuqua
IL Highway Toll Auth	Aaron	LaMore
IL Highway Toll Auth	Mike	Velasco
Illinois Tollway GEC	Bryan	Kapala
Milton Township Hwy	Brandon	Bielik
Milton Township Hwy	Mike	Britton
Milton Township Hwy	Eric	Kelly
Milton Township Hwy	Jim	Mauerman
Milton Township Hwy	Gary	Muehlfelt
Milton Township Hwy	Joe	Ocasio
Milton Township Hwy	Rob	Trecker
Milton Township Hwy	Larry	Wangles
Naperville Township	David	Marshall
Naperville Township	Richard	Novinger
Naperville Township	Pat	Testin
Naperville Township	Larry	Wehner
Village of Palatine	Elias	Koutas
Village of Palatine	Jim	McCullar
Village of Burr Ridge	Nate	Arnquist
Village of Burr Ridge	George	Hovorka
Village of Burr Ridge	John	Wernimont
Village of Carol Stream	Sam	Barghi
Village of Carol Stream	Frank	Minniti
Village of Carol Stream	Phil	Modaff
Village of Carol Stream	Jason	Pauling
Village of Carol Stream	Nick	Techter
Village of Carol Stream	Ron	Turner
Village of Downers Grove	Jordan	Daliege
Village of Downers Grove	Justin	Dickey
Village of Downers Grove	Tom	Forrest
Village of Downers Grove	Joe	Guertler
Village of Downers Grove	Nick	Kollintzas

Agency	First Name	Last Name
Village of Downers Grove	Reyes	Vega
Village of Glendale Heights	Rocco	Barbanente
Village of Glendale Heights	Jonathan	Brennan
Village of Glendale Heights	Matt	Frew
Village of Glendale Heights	Steve	Jackson
Village of Glendale Heights	Pat	Kelly
Village of Glendale Heights	Oscar	Marmolejo
Village of Glendale Heights	Ed	Murphy
Village of Glendale Heights	Lino	Novielli
Village of Glendale Heights	Mario	Pignataro
Village of Glendale Heights	Eric	Schmidt
Village of Glendale Heights	Jeff	Timar
Village of Glendale Heights	John	Urso
Village of Lisle	Keith	Dooley
Village of Lisle	Tom	Gallagher
Village of Lisle	Mike	Young
Village of Lombard	Colin	Gaerlan
Village of Lombard	Bill	Harvey
Village of Lombard	Rob	LaMontagna
Village of Lombard	Josh	Leonard
Village of Lombard	Adam	McGown
Village of Lombard	Zach	McKamey
Village of Lombard	Scott	Neetz
Village of Lombard	Rob	Smith
Village of Lombard	Bob	Tirjer
Village of Lombard	Rick	Walker
Village of Oak Brook	Matt	Kennedy
Village of Oak Brook	Tyler	Puetz
Village of Shorewood	Brody	Fay
Village of Shorewood	Jim	Parthun
Village of Shorewood	Riley	Reynolds
Village of Villa Park	Dan	Coulter
Village of Villa Park	Rod	Scheitler
Village of Westchester	Carl	Muell
Village of Westchester	Scott	Russell
Village of Westchester	Steve	Crowley
Wayne Township Road District	Rick	Deeke
Wayne Township Road District	Don	Hodge
Wayne Township Road District	Chad Dumont	McManamon
Wayne Township Road District	Tom	McManamon
City of West Chicago	Pat	Colford
City of West Chicago	Joe	Domzalski
City of West Chicago	Robert	Flatter
City of West Chicago	Steven	Gardner
City of West Chicago	Mark	Harvel
City of West Chicago	Mark	Ruddick

Agency	First Name	Last Name
Village of Westmont	Andy	Peterson
Village of Westmont	Phil	Ricchetti
Winfield Township Road District	Phil	Bergmann
Winfield Township Road District	Michael	Davis
Winfield Township Road District	John	Dusza
Winfield Township Road District	Brad	Kinley
Winfield Township Road District	Chris	Petzek
Winfield Township Road District	Trevor	W
Winfield Township Road District	Brian	Welch
York Township Highway Dept.	Chris	Anderson
York Township Highway Dept.	Dan	Lindeen

Attachment C

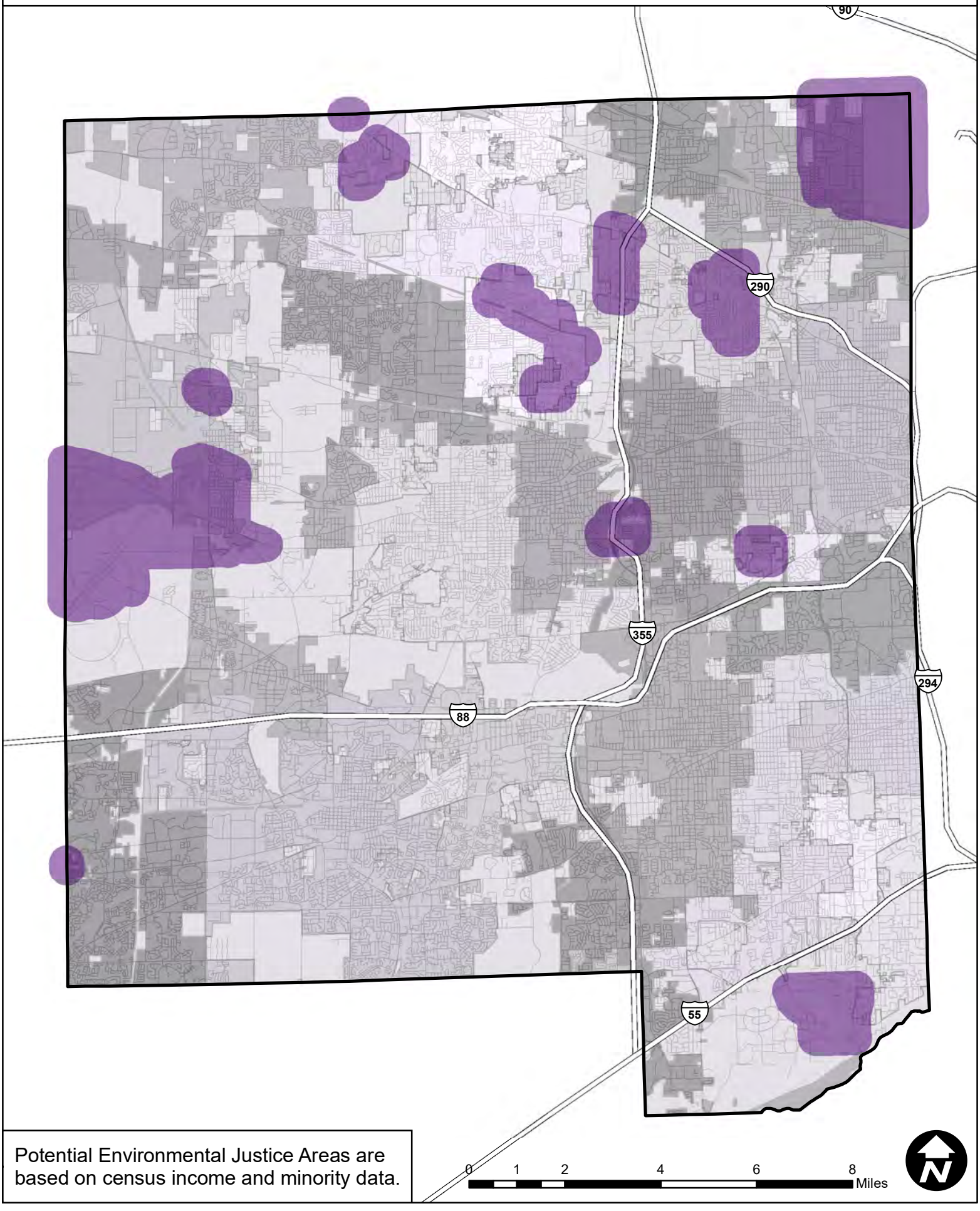
List of Registrants at the 2018 Parking Lots and Sidewalks Deicing Workshop

DRSCW Parking Lots & Sidewalks Deicing Workshop Attendees 2018

Agency	First	Last
City of Aurora	Brett	Bennett
ABM - Bensenville Dist 2	Joe	Czajkowski
ABM - Bensenville Dist 2	Patrick	Schwager
City of Batavia	Dave	Armbrust
City of Batavia	Bill	Kellum
City of Batavia	Brett	Wing
Bridgeview Bank	Harry	Nathanson
Crete Monee School District	Frederick	Jarvey
Crete Monee School District	Keith	McLean
Crete Monee School District	David	Slover
City of Darien	Dave	Brown
City of Darien	Dennis	Cable
City of Darien	John	Carr
City of Darien	Jeff	Corneils
City of Darien	Dave	Fell
City of Darien	Jim	Herman
City of Darien	Rich	Lepic
City of Darien	Keith	Schuster
DuPage DOT	Matthew	Cook
DuPage DOT	Edgar	San Juan Ortega
DuPage DOT	Ramiro	Vargas
Elmhurst Park District	Erik	Jimenez-Garcia
Elmhurst Park District	Tom	Shimko
Fox Valley Park District	Raul	Bernal
Fox Valley Park District	Jerad	Campbell
Fox Valley Park District	Tom	Custer
Fox Valley Park District	Isaac	Delgado
Fox Valley Park District	Mike	Gareski
Fox Valley Park District	Terry	Griffin
Fox Valley Park District	Rob	Jordan
Fox Valley Park District	Kevin	Kraabel
Fox Valley Park District	Chris	Kuehn
Fox Valley Park District	Shawn	Loomis
Fox Valley Park District	Nick	Loomis
Fox Valley Park District	Adam	Mance
Fox Valley Park District	Wesley	Peete
Fox Valley Park District	Mike	Prendeville
Fox Valley Park District	Doug	Quigley
Fox Valley Park District	Johnny	Robles
Fox Valley Park District	Jimmy	Schmidt
Fox Valley Park District	Trevor	VanKampen
Fox Valley Park District	Richard	Williams

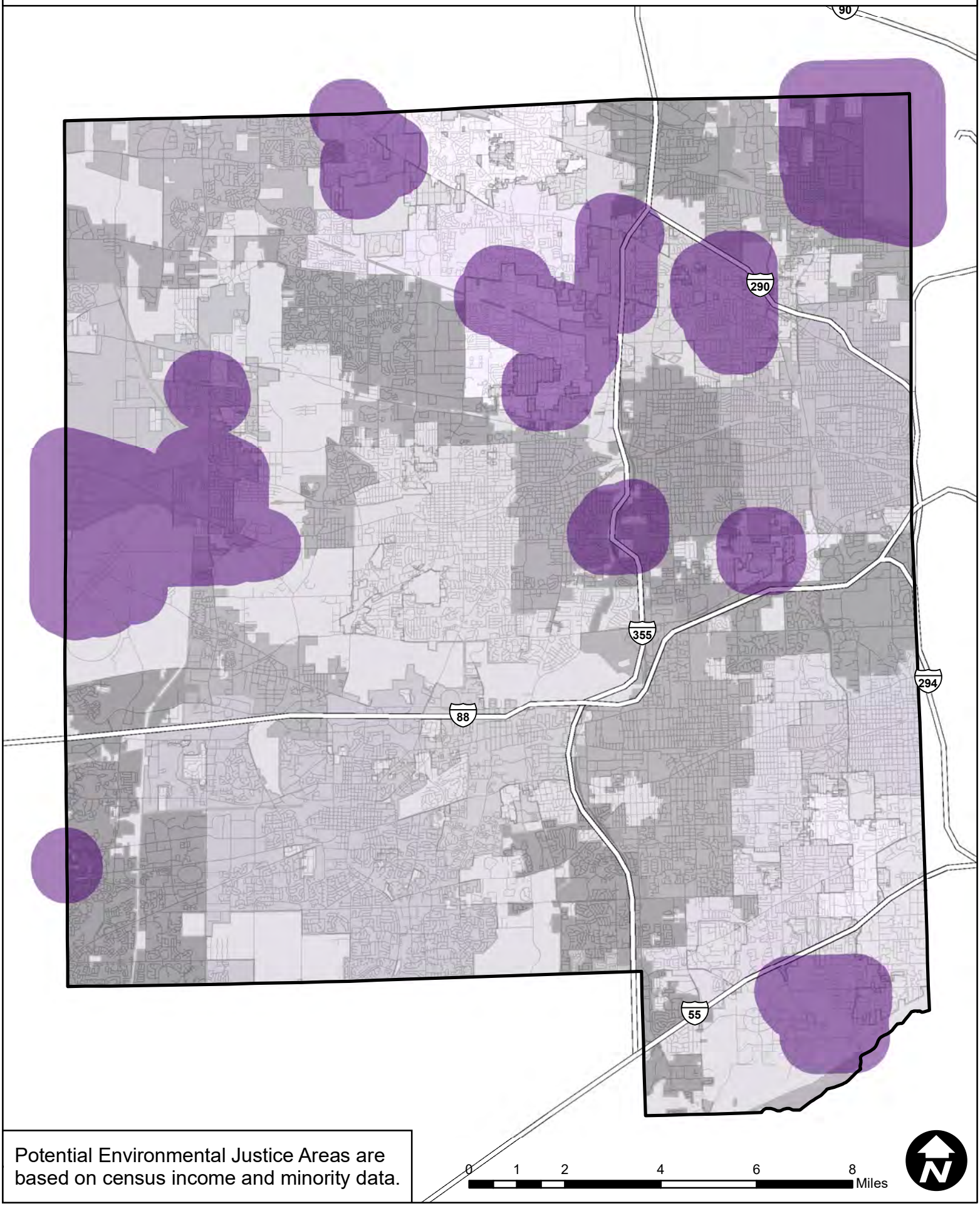
Agency	First	Last
Geneva Park District	Bill	Braun
Geneva Park District	Ken	Kerfoot
Geneva Park District	Larry	Miller
Geneva Park District	Mandy	Morgan
Glenbard Wastewater Authority	Bob	Chejlava
Glenbard Wastewater Authority	Brian	Simpson
Village of Glendale Heights	Andre	Chilton
Village of Glendale Heights	Emmanuel	Garcia
Village of Glendale Heights	Don	Jackson
Village of Glendale Heights	Joe	Mondelli
Village of Glendale Heights	Scott	Moore
Village of Glendale Heights	Stacy	Simpson
Village of Hinsdale	Kurt	Jobst
Village of Hinsdale	Tom	Jung
Village of Hinsdale	Don	Miller
Village of Hinsdale	John	Navarro
Village of Lisle	Robin	Goldman
Village of Lisle	Jeremy	Lake
Village of Lisle	Pete	Nesti
Yorktown Center Mall	Matthew	Romano
North Central College	Sean	Walsh
North Central College	Dean	Balduff
ABM - Bensenville Dist 2	Gregory	Jones
Valley View School District	Ryan	Kehr
Valley View School District	Mike	Singleton
Valley View School District	Kevin	Smith
Engineering Resource Associates	John	Mayer
City of West Chicago	Pat	Colford
City of West Chicago	Joe	Domzalski
City of West Chicago	Robert	Flatter
City of West Chicago	Steven	Gardner
City of West Chicago	Mark	Harvel
City of West Chicago	Mark	Ruddick
Village of Westmont	Edgar	Tapia
Village of Westmont	Patrick	Vath
Village of Woodridge	Wbaldo	Molina Franco
Village of Woodridge	Russ	Neder
Village of Woodridge	Scott	Sramek

Potential Environmental Justice Areas in DuPage County by Census Block Group



Potential Environmental Justice Areas are based on census income and minority data.

Potential Environmental Justice Areas in DuPage County by Census Block Group



Potential Environmental Justice Areas are based on census income and minority data.

DUPAGE COUNTY



Green Infrastructure Seminar for MS4 Communities

HAMPTON, LENZINI AND RENWICK, INC.

Love Blue. Live Green.

DuPage County Stormwater Management

AGENDA

7:30 A.M. – 8:00 A.M.	***CHECK IN & BREAKFAST***
8:00 A.M. – 8:05 A.M.	***INTRODUCTION*** Jim Zay, Chairman, DuPage County Stormwater Management Committee
8:05 A.M. – 8:45 A.M.	***URBAN TREES: THE IMPORTANCE OF PROTECTION, REPLACEMENT & PROPER PLANTING TECHNIQUES*** Steve Ludwig, Village of Algonquin, IL
8:45 A.M. – 9:25 A.M.	***THINK OUTSIDE THE TREE BOX: URBAN TREE SUSTAINABILITY FOR GREEN INFRASTRUCTURE*** Beth Corrigan, The Morton Arboretum
9:25 A.M. – 10:05 A.M.	***GREEN INFRASTRUCTURE: BEST PRACTICES FOR SMALL NATURAL AREAS*** Jeff Weiss, Oakton Community College
10:05 A.M. – 10:15 A.M.	***BREAK***
10:15 A.M. – 10:55 A.M.	***INSTALLATION & MAINTENANCE OF ROADSIDE BIO-CELLS & INFILTRATION PRACTICES*** Ted Semadeni, City of Lenexa, KS
10:55 A.M. – 11:35 A.M.	***ILLINOIS TOLLWAY INVESTING IN SUSTAINABLE ROADWAYS*** Kelsey Musich, Illinois Tollway
11:35 A.M. – NOON	***DUPAGE COUNTY STORMWATER MANAGEMENT WRAP UP*** Sarah Hunn, DuPage County Stormwater Management

ABSTRACTS & SPEAKER BIOGRAPHIES

STEVE LUDWIG

General Services Superintendent, Village of Algonquin, IL

"Urban Trees: The Importance of Protection, Replacement & Proper Planting Techniques"

Abstract: Well-managed urban trees are a key component of all good water management programs. As such, trees must be managed in a way that maximizes the environmental/community dollar, by providing tree populations that are vast, enduring and stable. Steve will cover many areas of tree management including protection, replacement, planting strategies and techniques. Steve's unique perspectives will provide you with some key ideas and the motivation to include trees as a powerful component of your environmental program.

Biography: Steve is a 28-year veteran of the public works industry, serving 23 years with his current employer, including 14 as the Parks & Forestry Superintendent, and currently as the General Services Superintendent. Beginning at the most entry level positions in this industry, Steve prides himself on the fact that he has accomplished the same things he teaches to others, that commitment, dedication, and loyalty will lead to a sense of purpose, and subsequently, great success. Things about Steve it might be nice to know:

- International Society of Arboriculture Certified Arborist (IL-0657AM) since 1993.
- International Society of Arboriculture Municipal Specialist since 2004.
- International Society of Arboriculture Certification Liaison to the Illinois Arborist Association 2005-2009.
- International Society of Arboriculture Certification Liaison Chairperson 2007-2009.
- Illinois Arborist Association Certification Program instructor 2006-2011.
- Illinois Arborist Association Board Member (Municipal Chairperson) 2009-2011.
- Graduate of the Illinois Public Service Institute 2006
- Illinois Public Service Institute Committee 2006-08 and 2014-Current
- Illinois Arborist Association Vice President 2012-13
- Illinois Arborist Association President-Elect 2013-14
- Illinois Arborist Association President – 2014-15
- Owner – Ludwig Speaks Motivational Speaking and Training Services, LLC
- Program facilitator/administrator of the American Public Works Association's Roads Scholar Program for both Illinois and Michigan

Among the many other personal ways in which Steve serves his community, it is his hopeful desire to continue to return to the arboriculture community, the support, leadership and encouragement he has received during his career. Steve is appreciative of your support and grateful for your contributions to our great work.

BETH CORRIGAN

Community Trees Program Specialist, The Morton Arboretum

"Think Outside the Tree Box: Urban Tree Sustainability for Green Infrastructure"

Abstract: Trees are a vital component of green infrastructure. Trees can positively impact your stormwater mitigation and water quality programs. Trees are forest dwellers, but with improvements to soil composition and volume for root growth, trees can grow to maturity -- and maximize their impact. Learn best practices for site design and maintenance to highlight the natural benefits that trees provide. Beth will draw from many partner resources and will provide handouts from U.S. EPA on trees and stormwater.

From the Center for Urban Forestry Research: A healthy urban forest can reduce the amount of runoff and pollutant loading in receiving waters in four primary ways:

1) Through evapotranspiration, trees draw moisture from the soil ground surface, thereby increasing soil water storage potential.
2) Leaves, branch surfaces, and trunk bark intercept and store rainfall, thereby reducing runoff volumes and delaying the onset of peak flows.
3) Root growth and decomposition increase the capacity and rate of soil infiltration by rainfall and reduce overland flow.
4) Tree canopies reduce soil erosion by diminishing the impact of raindrops on barren surfaces.

Biography: Beth is a subject matter expert in urban forestry/green infrastructure and sustainable land management. Beth works with large land managers to understand, value, and manage the urban forest. Beth is an experienced project manager that excels at providing resources to many levels of stakeholders to successfully achieve their goals, including grant management. These include federal, state and local public entities, and other private and public corporations. Beth enjoys meeting new people, building coalitions to drive results, and public speaking at national conferences and private events.

- ISA Certified Arborist, IL 9090-A
- BS, Industrial Technology

JEFF WEISS

President, Living Lands Conservation Company
Steward, Buffalo Grove Prairie
Faculty, Oakton Community College

"Green Infrastructure: Best Practices for Small Natural Areas"

Abstract: Public lands, including parks, detention areas, stream banks, woodlands, prairies and wetlands can be effectively and economically restored and maintained as natural areas through the application of green infrastructure principles and a simple, consistent process. This talk will identify best practices for public lands to protect soil and water quality, improve habitat for plants and wildlife and engage residents in conservation and recreation opportunities.

Biography: Jeff Weiss is the founder of the Buffalo Creek Clean Water Partnership and the Buffalo Grove Environmental Action Team. He is on faculty at College of Lake County, Oakton Community College and The Morton Arboretum, where he teaches ecological restoration and horticulture classes. He is also Steward at Buffalo Grove Prairie and leader of the Buffalo Grove Prairie Guardians, a volunteer stewardship group that has been protecting this remnant prairie since 1989.

He received his MS in Natural Resources and Environmental Sciences at the University of Illinois at Urbana Champaign in 2014. He works very locally with the Village of Buffalo Grove and the Buffalo Grove Park District on green infrastructure projects at 16 village-owned natural areas and 6 parks.

TED SEMADENI

Assistant to the Director of Municipal Services, City of Lenexa, KS

"Installation & Maintenance of Roadside Bio-cells & Infiltration Practices"

Abstract: Proper installation and continued maintenance is a crucial part of the success of stormwater management bio-retention and infiltration practices. When installation is not done correctly, it can result in poor performance and increased maintenance. When there is no plan to conduct regular maintenance or the

maintenance requirements are not understood the practice can fail. Failure of storm water quality best management practices (BMP) can lead to public dislike of green infrastructure. The City of Lenexa Kansas has developed a robust green infrastructure maintenance program to improve storm water quality. The program includes 190 separate water quality BMPs, more than 60 of those are considered infiltration practices. This presentation aims to provide insight into proper installation along with how to develop a comprehensive maintenance plan for managing your green infrastructure facilities. We will cover some of the lessons learned along with some tips to help your facilities be successful and possibly gain the approval of the citizens in the community.

Biography: Ted began working for the City of Lenexa in 2002 as a Street Maintenance Worker in the Public Works Department, now known as Municipal Services. He has held many positions in the Street and Stormwater Divisions of Municipal Services, including Stormwater Superintendent. In 2016, he became the Assistant to the Director of Municipal Services.

As the Stormwater Superintendent Ted was responsible for the maintenance of the City's storm water infrastructure. Including items such as storm drains, underground pipes and ditches. Also including Green Infrastructure in the City of Lenexa ranging in size from a 50 square foot rain garden to a 17-acre prairie, along with 322 acres of riparian zone and 22 miles of streams.

KELSEY MUSICH

Senior Environmental Planner, Illinois Tollway

"***Illinois Tollway Investing in Sustainable Roadways***"

Abstract: Kelsey Musich is the Senior Environmental Planner at the IL Tollway. She is a Certified Professional in Erosion and Sediment Control and has 15 years of experience protecting natural resources and improving water quality in Northern Illinois. Currently, she has been charged with ensuring wetland and water quality permit compliance for the Tollway's MOVE ILLINOIS Capital Program.

Biography: The Tollway has installed nearly 2 dozen bioswales along approximately 17 miles of roadway in segments between Touhy Avenue near O'Hare Airport and Lake Cook Road. Additionally, bioswales will be constructed along an additional 61 miles. Kelsey will discuss bioswale types, locations and a 10-year maintenance and monitoring tool that rates performance related to pollutants, vegetative cover and vegetative diversity.

SARAH HUNN, P.E.

Deputy Director, DuPage County Stormwater Management

Biography: Sarah Hunn is the Chief Engineer for DuPage County Stormwater Management. Sarah started her career at the Illinois Department of Transportation and has worked for DuPage County Stormwater Management for the past 13 years. Sarah currently manages Stormwater Planning, Flood Control Operations and Floodplain Mapping for DuPage County. In addition to her professional work, she is active in the Illinois Association for Floodplain and Stormwater Management and Engineers without Borders. She holds a B.S. degree in Civil Engineering from Michigan Technological University.

DUPAGE COUNTY



Pollution Prevention Seminar for MS4 Communities

Christopher B. Burke Engineering, Ltd.

Love Blue. Live Green.

DuPage County Stormwater Management

AGENDA

7:30 A.M. – 8:00 A.M.	***CHECK IN & BREAKFAST***
8:00 A.M. – 8:05 A.M.	***INTRODUCTION*** Jim Zay, Chairman, DuPage County Stormwater Management Committee
8:05 A.M. – 8:55 A.M.	***CORALVILLE, IOWA'S POLLUTION PREVENTION TOOLBOX*** Amy Foster, City of Coralville, IA
8:55 A.M. – 9:45 A.M.	***CATCH BASIN MAINTENANCE – WESTCHESTER CASE STUDY*** Robert Lewis, Village of Westchester, IL
9:45 A.M. – 9:55 A.M.	***BREAK***
9:55 A.M. – 10:45 A.M.	***DEWATERING DO'S & DON'TS*** Dan Salsinger, HANES
10:45 A.M. – 11:35 A.M.	***ASSESSING YOUR MS4 POLLUTION PREVENTION & GOOD HOUSEKEEPING PROGRAM*** Lori Gates, Christopher B. Burke Engineering, LLC
11:35 A.M. – NOON	***COUNTYWIDE NPDES PROGRAM REQUIREMENTS*** Mary Beth Falsey, DuPage County Stormwater Management

SPEAKER BIOS

AMY FOSTER, CMS4S, CESSWI
Stormwater Coordinator, City of Coralville, IA

Amy Foster is the Stormwater Coordinator for the City of Coralville, Iowa. Amy is originally from Bettendorf, Iowa. Amy attended the University of Iowa and received her Bachelor of Science in Geography in 2007. After college, Amy was hired as a Watershed Coordinator for the Scott County Soil and Water Conservation District. This position involved managing a 15 member Board of Directors that included Public Works Directors, County Officials, local citizens, City Council Members and agricultural landowners. The goal of this Board of Directors was to help local municipalities develop using green infrastructure, improve of local water quality and educate citizens on ways they can be better stewards of their watersheds. After leaving Partners of Scott County Watersheds, Amy took a position with the City of Davenport's Public Work Department in the Natural Resources Division. Amy worked with a team to develop policy and ordinances and implement green design techniques into city projects. Currently, Amy manages the City of Coralville's Municipal Separate Storm Sewer System (MS4) permit. Amy is responsible for providing stormwater plan review of all new and redevelopment areas within the City of Coralville. Amy is a member of American Public Works Association (APWA), and serves on the APWA National Water Resources Committee and is a graduate of the Emerging Leaders Academy. Amy is a member of the Iowa Stormwater Education Program and serves on the Iowa Stormwater Management Manual Editors Group. Amy is also a Certified Erosion, Sediment, and Storm Water Inspector (CESSWI) and Certified Municipal Separate Storm Sewer System Specialist (CMS4S). In her free time, Amy enjoys riding her horse, kayaking, camping and exploring with her husband and daughter.

ROBERT LEWIS, P.E.
Director, Public Works Department, Village of Westchester, IL

Mr. Lewis is a registered professional civil engineer with extensive experience in all phases of Public Works. His project experience includes transportation, utilities, environmental, drainage improvements, safety studies, signal improvements, potable water and wastewater collection systems and public involvement. He has procured funding, grants, finance mechanisms for municipal projects, and worked with operations staff to develop SOP's and maintenance schedules for street repair, pumps stations, street lighting and other infrastructure. He served more than 15 years as Director of Public Works/City Engineer in Westchester, Wilmette and Lombard, Illinois coordinating and implementing numerous public works functions and municipal capital projects. He also has 15 years' experience working on the private side as a consulting engineer working in Illinois, Virginia, Florida, Mid-Atlantic States and the Middle East.

DAN SALSINGER, CPESC, CISEC
Sales Representative, Hanes Geo-Components, Elmhurst, IL

Dan is a local sales representative for Hanes Geo-Components, a supplier of storm water practices, textiles, bioengineering tools and erosion and sediment control products.

LORI GATES, CPESC, CPSWQ, CPMSM, CESSWI

Senior Project Manager, Christopher B. Burke Engineering, LLC, Indianapolis, IN

As a Senior Project Manager with Christopher B. Burke Engineering, LLC since 2003, Lori is responsible for stormwater regulatory compliance for water resources and environmental projects. She has worked with over 65 MS4 entities throughout the state of Indiana. Her specific duties involve ensuring that all municipal, construction, and industrial stormwater quality projects and permits are in compliance with the NPDES Stormwater Permit program, including Section 402 of the Clean Water Act, the Phase I and Phase II MS4 program permitting programs, the Construction Run-off program, and the Industrial Run-off program, and project oversight of on-going required permit implementation activities. Previous duties include serving as the State of Indiana's lead technical expert for the NPDES Storm Water program at IDEM. She received the Indiana Association for Floodplain and Stormwater Management (INAFSM)'s "Chairman's Award for Outstanding Service in Support of the INAFSM" in 2006 and "Outstanding Education and Outreach Project" Award in 2015. She is the current Chair of the INAFSM Board of Directors. Lori also is a Past Chair of the EnviroCert International Board of Directors. She was a primary author on the Certified Professional in Municipal Stormwater Management (CPMSM formerly CMS4S) certification Review Course manual. Lori is a regular presenter at the local, regional and national level. She has presented multiple times at StormCon and the International Erosion Control Association (IECA) national conferences. She is a primary author on most of IECA's MS4 web training modules. Lori has a bachelor's degree in Biological Sciences from Indiana University.

MARY BETH FALSEY, CFM, CPESC

Water Quality Supervisor, DuPage County Stormwater Management

Mary Beth is the Water Quality Supervisor for DuPage County Stormwater Management where she has worked for 13 years. She has a M.S. in Geography from Northern Illinois University with an emphasis in Soil Science and Natural Environmental Systems. She is responsible for DuPage County's compliance with the NPDES permit ILR40 and leads the County's efforts on watershed planning for impaired waterways. Her certifications include Professional Wetland Scientist (PWS), Certified Professional in Erosion and Sediment Control (CPESC), and Certified Floodplain Manager (CFM).