

June 2023

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
Compliance Assurance Section #19  
Municipal Annual Inspection Report  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

Submitted electronically to:  
[epa.ms4annualinsp@illinois.gov](mailto:epa.ms4annualinsp@illinois.gov)  
As per direction on the IEPA website:  
<https://www2.illinois.gov/epa/topics/forms/waterpermits/storm-water/Pages/ms4.aspx>.

**Re: City of Des Plaines – General NPDES Permit No. ILR400325**

Please find the following documents enclosed for the City's annual reporting for General NPDES Permit No. ILR400325.

- **Annual Facility Inspection Report (executed form WPC 691)**
- **2022-2023 Annual Report**
- **Des Plaines Community Calendar attachment**
- **Des Plaines 2022 Water Quality Testing Report**
- **Des Plaines Certificates of Training**

If you should have any questions, please feel free to contact us.

Sincerely,

Timothy P. Oakley, P.E., CFM  
Director of Public Works and Engineering

Marissa Villafuerte, P.E.  
Project Manager

Enclosures

Cc:

Tim Watkins, Assistant Director of Public Works and Engineering  
Robert Greenfield, Superintendent of Utility Services

## 2022-2023 Annual Report (PY 5)

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**This report covers activities that occurred between the following dates:**

March 2022 - February 2023

**For questions regarding this report contact:**

Timothy P. Oakley, P.E., CFM  
Director of Public Works and Engineering  
City Of Des Plaines, 1420 Miner Street  
Des Plaines, IL 60016

### Permit Information

- 1. Permitting Authority:** Illinois Environmental Protection Agency
- 2. Permit Number:** ILR40
- 3. Permit Type:** General
- 4. Permit Name:** Des Plaines NPDES MS4 Phase II Permit (2021-26)
- 5. Date Issue:** 3/1/2021
- 6. Date Expire:** 2/28/2026

### General Information for MS4 Operator

- 1. Operator Name:** Andrew Goczkowski
- 2. Operator Title:** Mayor
- 3. Represented Entity:** City of Des Plaines
- 4. Mailing Address:** 1420 Miner Street
- 5. Mail City, State, Zip:** Des Plaines, IL 60016
- 6. Phone Number:** (847) 391-5301
- 7. E-Mail Address:** agoczkowski@desplaines.org
- 8. Co-Permitting With:** n/a
- 9. Population:** 60,675      **Households:** 22,018      **Area (sq mi):**16
- 10. Official Website:** www.desplaines.org

### General Information for Primary Contact

- 1. Name:** Timothy P. Oakley, P.E., CFM
- 2. Title:** Director of Public Works and Engineering
- 3. Phone Number:** (847) 391-5390
- 4. E-Mail Address:** toakley@desplaines.org

### General Information for Secondary Contact

- 1. Name:** Tim Watkins
- 2. Title:** Assistant Director of Public Works and Engineering
- 3. Phone Number:** (847) 391-5468
- 4. E-Mail Address:** pw@desplaines.org



# Illinois Environmental Protection Agency

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

## Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

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

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

Report Period: From March, 2022 To March, 2023

Permit No. ILR40 0325

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

Name: City of Des Plaines Mailing Address 1: 1420 Miner St  
Mailing Address 2: \_\_\_\_\_ County: Cook  
City: Des Plaines State: IL Zip: 60016 Telephone: 847-391-5390  
Contact Person: Timothy P Oakley Email Address: toakley@desplaines.org  
(Person responsible for Annual Report)

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

COOK COUNTY

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

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

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

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

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

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

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

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

Owner Signature:

Timothy P Oakley

Printed Name:

6-14-23

Date:

Director of Public Works and Engine<sup>+</sup>

Title:

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

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

COMMUNITY NAME: City of Des Plaines

PERMIT #: ILR400325

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through February 2023

A. Changes to Best Management- Were there any changes to the BMPs?			B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	C. Provide results of information collected and analyzed, including monitoring data. Information attached?			D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMP No. A.1 - Curbside Calendar</b>								
Milestone For Reporting Year: Offer and promote the City's comprehensive trash, recycling, and yard waste collection program.								
		X	Annual publication provided to residents indicating dates and general information on the refuse-recycling pick-up and leaf collection programs	Calendars are available at City Hall and posted online in December 2022 for the 2023 calendar year.		X	The City will continue to update the calendar as needed to address new topics, such as green infrastructure and climate change.	Annually
<b>BMP No. A.3 - Cable TV Stormwater Segment</b>								
Milestone For Reporting Year: Tracking of slides, videos, and presentations that are created or updated.								
		X	Educational slides aired on the City's Public Access Channel. Slides are in the broadcast rotation during one month in the spring each year.				Include the slides in the broadcast rotation during one month in the spring each year.	Annually
<b>BMP No. A.4 - Arbor Day Community Events</b>								
Milestone For Reporting Year: Maintain Tree City USA designation and advertise this status to citizens.								
		X	Annual Arbor Day event hosted by the Public Works & Engineering Department. It includes tree-planting activities involving students			X	Host tree planting activities with students.	Annually
<b>BMP No. A.5 - Classroom Education Program</b>								
Milestone For Reporting Year: Educate students about the impacts of stormwater discharges on waterbodies and the steps that they can take to reduce pollutants in stormwater runoff.								
Replacing the MWRD classroom visitor program		X	The City hosts a Clinical Government class with the high school and stormwater is discussed.			X	Educate students about the impacts of stormwater discharges on waterbodies and the steps that they can take to reduce pollutants in stormwater runoff.	On-going through 2022-2023 permit year.

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Comment	YES	NO				If attached information, describe.	YES	NO	Activity	Schedule	
<b>BMP No. A.6 - City Website</b>											
Milestone For Reporting Year: Maintain and update links to websites related to the environment such as the Center for Neighborhood Technology, IEPA, SWALCO Household Hazardous Waste Collection Schedule, and the Rain Garden Network											
		X	Links on the City wbesite have been verified.					X	Provide updated information easily accessible to residents over the internet.	On-going through 2022-2023 permit year.	
<b>BMP No. B.5 - Adopt-a-Spot</b>											
Milestone For Reporting Year: Track which volunteer groups the City has communicated with and assisted.											
New partnership	X		The City has engaged with an environmental clean-up volunteer organization called <i>Clean-Up &amp; Give Back</i>					X	Public survey and engagement	On-going through 2022-2023 permit year.	
<b>BMP No. B.7 - Watershed Organizations</b>											
Milestone For Reporting Year: Track and advertise achievements made through partnership with these organizations											
		X	City attedned and tracked classes and seminars at WEF and similar conferences.			Certificates of Training included	X		Continue attendance at seminars and proffesional organizations	On-going through 2022-2023 permit year.	
<b>BMP No. C.1 - Storm Sewer System Map</b>											
Milestone for Reporting Year: Update structure connections based upon CCTV findings.											
		X	The City reviewed their storm sewer atlas to check for location and attribute accuray. Through February 2023, 43% is reviewed, of which 30% was completed within this reporting period. The storm sewer system atlas will is updatead regularly on a as-needed basis.					X	The City will continue to review the storm sewer assets to its atlas.	On-going through 2022-2023 permit year.	

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Comment	YES	NO				If attached information, describe.	YES	NO	Activity	Schedule	
<b>BMPs No. C.2, C.9 - Regulatory Control Program- Ordinance Language for Illicit Discharge/Public Notification</b>											
Milestone for Reporting Year: Maintain and update											
		X	Illicit connection ordinance- City is updated on stormwater ordinances including the illicit discharge program in order to ensure coordination with the final MWRD Cook County Watershed Management Ordinance.					X	The City will continue to adhere to regulatory updates.	On-going through 2022-2023 permit year.	
<b>BMP No. C.4 - Illicit Discharge Inspection Program</b>											
Milestone for Reporting Year: Maintain and update											
		X	Regular inspections performed during Operations and Maintenance activities. Each outfall in the City is inspected at least once annually.				X		Regular inspections and maintenance work.	On-going through 2022-2023 permit year.	
<b>BMP No. C.5 - Illicit Source Removal Program</b>											
Milestone for Reporting Year: Maintain and update.											
		X	Maintain current first response program.					X	First response assignment- perform coordination, determine and notify responsible authority including PW, IEPA, MWRD, or Fire Department.	On-going through 2022-2023 permit year.	
<b>BMP No. C.9 - Illegal Dumping and Illicit Discharge Line (911)</b>											
Milestone for Reporting Year: Maintain and update.											
		X	Publicized in City newsletter and public access channel.					X	Make information easily accessible to residents over the internet.	On-going through 2022-2023 permit year.	

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMP No. C.10 - Des Plaines River Water Quality Testing</b>								
Milestone for Reporting Year: Get samples tested according to relevant reporting needed.								
		X	Annual testing was performed at the intended locations.		X		Continue intended program.	Annually.
<b>BMPs No. D.1 - Construction Site Stormwater Runoff Control Ordinance</b>								
Milestone for Reporting Year: Ensure all appropriate parties are aware of updates								
		X	City is proposing to update stormwater ordinances including the construction site runoff control program in order to maintain coordination with the MWRD Cook County Watershed Management Ordinance.		X		The City will review the storm water ordinance for permit requirements and update as needed.	On-going through 2022-2023 permit year.
<b>BMPs No. D.4 - Stormwater Runoff Site Plan Review</b>								
Milestone for Reporting Year: Continue formal review procedures.								
		X	City has created checklist for use in reviewing site plans for compliance with stormwater ordinances. The checklist includes verifying that developers/contractors have completed the IEPA NOI paperwork.		X		Continue formal review procedures.	On-going through 2022-2023 permit year.
<b>BMPs No. D.6 - City Staff Site Inspection and Enforcement</b>								
Milestone for Reporting Year: Maintain current inspections and enforcement practices								
		X	City has adopted a formal Erosion Control Inspection Report form for documenting inspections for compliance with regulations and procedures specified in the ordinances.		X		Review the guidance materials with respect to any stormwater ordinance changes made coincident with the adoption of the final MWRD Cook County WMO.	On-going through 2022-2023 permit year.

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMPs No. D.7 - Educate developers and contractors</b>								
Milestone for Reporting Year: Maintain materials and practices.								
		X	The City uses an erosion control detail sheet and specifications for all City projects			X	Provide and maintain development/contractor guidance materials	On-going through 2022-2023 permit year.
<b>BMP No. E.2 - Post Construction Runoff Control Ordinance</b>								
Milestone for Reporting Year: Continue to cooperate with the MWRD.								
		X	City is proposing to update stormwater ordinances including the post construction runoff control program.			X	The City will continue to enforce their stormwater ordinance.	On-going through 2022-2023 permit year.
<b>BMP No. E.3 - Long-Term O&amp;M Procedures Inclusion in Post Construction Runoff Control Ordinance</b>								
Milestone for Reporting Year: Implement inclusion of long-term O&M requirement as part of updated ordinance.								
		X	The City is proposing to revise the existing stormwater ordinances to include long-term O&M requirements.			X	Include long-term O&M requirements as part of update to post construction runoff control ordinances.	On-going through 2022-2023 permit year.
<b>BMP No. E.4 - Review of Construction Plans and Designs</b>								
Milestone for Reporting Year: Continue formal review procedures.								
		X	City has created a checklist for use in reviewing site plans for compliance with stormwater ordinances.			X	Continue formal review of site plans for compliance with stormwater ordinances.	On-going through 2022-2023 permit year.



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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMP No. E.5 - City Staff Site Inspection and Enforcement</b>								
Milestone for Reporting Year: Ensure compliance with relevant standards and apply to ordinances.								
		X	City has adopted a formal Erosion Control Inspection Report form for documenting inspections for compliance with regulations and procedures specified in the ordinances.			X	Maintain current inspections and enforcement practices.	On-going through 2022-2023 permit year.
<b>BMP No. E.7 - Educate Developers and Contractors</b>								
Milestone for Reporting Year: Review and revise materials in relation to Cook County WMO.								
		X	Guidance materials are distributed to developers as part of the permitting process and are available on the City website. Stormwater management is included on the agenda at all pre-bid and pre-construction meetings to ensure that contractors are aware of the requirements.			X	Review the guidance materials with respect to any stormwater ordinance changes made.	On-going through 2022-2023 permit year.
<b>BMP No. F.1- Employee Training Program</b>								
Milestone for Reporting Year: Evaluate and improve.								
		X	New employees receive on the job training and safety in their department specific to their job. Supervisory staff regularly attends IEPA, APWA, AWWA, and other workshops and then relays the information gathered at such to the operational staff. New employees go through an Onboarding Checklist to insure they are trained in all aspects of the Public Works and Engineering operations.	Certificates of Training included		X	The City will evaluate training procedures and continue annual training	On-going through 2022-2023 permit year.

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMP No. F.2 - Inspection &amp; Maintenance Program - Creek and Outfall Structure Inspection and Repair</b>								
Milestone for Reporting Year: Perform necessary repairs								
		X	City spent time inspecting creek outfalls during the year. This includes post rain event inspections. All necessary repairs were made during this time as well			X		On-going through 2022-2023 permit year.
<b>BMP No. F.3 - Municipal Operations Storm Water Control - Street Sweeping</b>								
Milestone for Reporting Year: The City will continue structure cleaning and street sweeping programs.								
City continued street sweeping		X	The City's program's full sweeps include 340 residential lane miles. 8 complete city-wide sweeping circuits were completed. The downtown Business District is swept twice per month. Street sweeping occurs during spring, summer and fall. Winter sweeping may occur depending on weather conditions.			X	The City will continue structure cleaning and street sweeping programs.	On-going through 2022-2023 permit year.
<b>BMP No. F.4 - Municipal Operations Waste Disposal</b>								
Milestone for Reporting Year: Ensure that waste is disposed of in an environmentally responsible matter								
		X	Transfer Station Permit still in place throughout the year. Specifics of the collections are available to residents on the City Website.			X	The City will continue structure cleaning and street sweeping programs.	On-going through 2022-2023 permit year.

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Comment	YES	NO				If attached information, describe.	YES	NO	Activity	Schedule	
<b>BMP No. F.6- Other Municipal Operations Controls - Covered Salt Storage</b>											
Milestone for Reporting Year: Conduct monthly pollution prevention inspections at the Public Works Facility											
		X	The City stores salt in a covered salt dome. The dome is constructed of concrete and wood and has improved ventilation, lighting, and a new sodium chloride & brine dispensing system. The dome has a capacity of 4500 tons of salt. There are no drains because the salt is situated on an asphalt pitch.					X	Operation procedures are reviewed annually. Pollution prevention is checked	On-going through 2022-2023 permit year.	

**General Information for Receiving Waters**

**Receiving Water Lists:** Listed below are all the identified receiving waterbodies to which identified outfalls discharge.

**Receiving Streams**

- Feehanville Ditch
- Wellers Creek
- Prairie Creek
- Farmers Creek
- Willow Creek
- Higgins Creek
- Des Plaines River

**Receiving Waterbodies**

- Big Bend Lake
- Belleau Lake
- Shagbark Lake
- Lake Opeka
- Axehead Lake
- Peterson Lake

**Receiving Watersheds**

- Des Plaines River Watershed



**City of Des Plaines - 2022 Capital Improvement Projects**

Project Name	CONTRACT NO.	NOI on file	SWPPP on file	Comments
2022 CIP CONTRACT A – Storm Sewer Improvements	-	Yes	Yes	NPDES# ILR10ZADI
2022 CIP CONTRACT B (MFT 22-00226-00-RS)– Street Improvements and Water Main Replacement	-	Yes	Yes	NPDES# ILR10ZAL5
2022 CIP CONCRETE PROGRAM (MFT 22-00000-01-GM)	-	Yes	Yes	NPDES# ILR10ZAE1

# 2023 CALENDAR



# HOLIDAYS AND CITY SERVICES

*Don't throw away your trees and holiday lights. Recycle them!*

## RECYCLE YOUR HOLIDAY LIGHTS

The Des Plaines Public Works and Engineering Department is hosting a free holiday light recycling event throughout the months of January and February. Lights that will be accepted include C7 and C9 lights, rope lights, mini-lights (icicle lights), LED lights and extension cords.

Bring items between the hours of 8 a.m. and 3 p.m., Wednesdays to the Public Works facility, 1111 Joseph J. Schwab (Campground) Road. Any holiday light strands still connected to wreaths, garland or other material cannot be accepted. The holiday lights will be recycled for the copper and plastic materials. There is no limit to the amount of holiday lights that you may drop-off.

## RECYCLE YOUR HOLIDAY TREE

Public Works and Engineering is collecting holiday trees throughout the City, weather permitting, starting Tuesday, January 3, 2023 through Friday, January 6, 2023. Bare holiday trees (no decorations, lights, tinsel or plastic bags) should be left at the curbside before 7 a.m. on January 3.

If you miss this opportunity and you're an LRS customer, they will pick up trees through Friday, January 13, weather permitting. After this time, any bare holiday trees will need to be disposed of in April when landscape waste pick-up begins. Trees frozen to the ground cannot be picked up.

## HOLIDAY REFUSE PICK-UP CHANGES

Basic refuse pick-up will be delayed by one day during the weeks of the following holidays:

- New Year's Day (Observed), Monday, January 2
- Memorial Day, Monday, May 29
- Independence Day, Tuesday, July 4
- Labor Day, Monday, September 4
- Thanksgiving, Thursday, November 23
- Christmas Day, Monday, December 25

## HOLIDAY OBSERVANCES

In 2023, City Hall offices will be closed for business on the following days:

- New Year's Day (Observed), Monday, January 2
- Martin Luther King Day, Monday, January 16
- Presidents Day, Monday, February 20
- Memorial Day, Monday, May 29
- Independence Day, Tuesday, July 4
- Labor Day, Monday, September 4
- Columbus Day, Monday, October 9
- Veterans Day (Observed), Friday, November 10
- Thanksgiving Day, Thursday, November 23
- Day after Thanksgiving Day, Friday, November 24
- Christmas Day, Monday, December 25

recycling conserves resources

*Contact information for our Elected Officials and Municipal Offices can be found on the inside back cover of this calendar.*

# JANUARY | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

DECEMBER

S	M	T	W	T	F	S
					1	2
					3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY

S	M	T	W	T	F	S
					1	2
					3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 New Years Day	2 New Years Day (Observed) City Offices Closed One-Day Delay for Refuse Collection Due to Holiday	3 Council Meeting 7 p.m. Public Works Holiday Tree Collection (Weather Permitting)	4	5	6	7
8	9	10	11	12	13 Last Day for Refuse Service Holiday Tree Pick-Up Service	14
15	16 Martin Luther King Day City Offices Closed Refuse Collection Will Follow Its Normal Schedule	17 Council Meeting 7 p.m.	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1			





# WINTER WEATHER INFORMATION

## WHOA! SNOW! KNOW THIS BEFORE YOU SNOWBLOW (OR SHOVEL)

To help avoid that dreaded “second shovel” that often happens as snowplows work to clear roads for safe passage, be sure to clear an area “upstream” from your driveway. This gives the snow on the plow a place to go other than your driveway and will reduce the amount of snow accumulating in the driveway apron after the snowplow’s final clean-up.

Here are some other things you need to know:

- Place snow on parkways, leaving the street free for plow trucks.
- For snowfall over two inches, vehicles must be parked away from snow routes until snow removal operations are completed.
- The City prioritizes winter response operations based on several factors, including emergency response requirements, volume of traffic and other criteria. The Public Works Department uses the following categories to prioritize snow removal on City roadways:
  1. Emergency Response/Public Facilities (City Hall, Police and Fire facilities)
  2. Primary Routes (collector roads, school roads and bus routes)
  3. Secondary Routes (local roads not considered as primary routes)
  4. City-Owned Public Parking Facilities, Cul-de-sacs, Alleys and Courts that do not serve as residential or commercial collectors/arterials

The goal of the Public Works and Engineering Department is to make public ways accessible for vehicles and pedestrians by clearing snow and ice, and we are responsible for clearing approximately 140 lane miles of roadways. *Please help us help you!*

## WHOSE ROAD IS IT?

Numerous government agencies construct, maintain and repair roads in Des Plaines.

The City’s Department of Public Works and Engineering maintains all public streets, which can be identified by a green sign with white letters, and the Des Plaines logo.

The State of Illinois is responsible for maintaining several roads in our community. These are represented by a white sign with black letters and “Illinois.” Please contact IDOT with questions or concerns at 800.452.IDOT (4368).

Cook County is responsible for maintaining these roads: Dempster/Thacker Street (west of Wolf Road), East River Road, Mount Prospect Road and Potter Road (north of Ballard Road). These are blue signs with yellow letters and “Cook County.”

The Cook County Department of Transportation and Highways services include pavement patching, mowing, tree branch trimming and snow and ice control. The 24-hour phone number to report problems is 312.603.1600. They can also be reached by email at [HWY.supt@cookcountyil.gov](mailto:HWY.supt@cookcountyil.gov).

Lastly, the Village of Mount Prospect is responsible for Central Road, west of Wolf Road. For questions or to report a problem here, contact the Village at 847.870.5640.

To contact or report utility problems and outages, the following utilities provide services in Des Plaines:

- Astound Cable 800.427.8686
- AT&T 800.288.2020
- Comcast/Xfinity Cable 800.266.2278
- Commonwealth Edison 800.334.7661
- LRS 844.NEED.LRS (844.633.3577)
- Northern Illinois Gas (NICOR) 888.642.6748



*Des Plaines maintains road*



*Cook County maintains road*



*State Highway under the authority of the Illinois Dept. of Transportation*

# FEBRUARY | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

MARCH

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY



			1	2 Groundhog Day	3	4
5	6 Council Meeting 7 p.m.	7	8	9	10	11
12	13	14 Valentine's Day	15	16	17	18
19	20 Presidents Day City Offices Closed Refuse Collection Will Follow Its Normal Schedule	21 Council Meeting 7 p.m.	22	23	24	25
26	27	28	1	2	3	4

# SUSTAINABILITY STARTS WITH SIMPLE STEPS

## DISPOSE OF CHEMICALS AND MEDICATIONS

Correct disposal of household hazardous waste (HHW) is important to prevent the spread of chemicals in our soil, air and water. When HHW ends up in landfills, it can leech out and contaminate our soil and groundwater and can contribute to health risks. For example, abandoned tires can provide a breeding ground for disease-carrying mosquitoes and can impede proper drainage, which can lead to flooding and fires.

It's also important to clean out your medicine cabinet and dispose of your prescription drugs safely to protect the environment and prevent these drugs from getting into the wrong hands.

Improper dumping of this waste is illegal and violators will be issued a citation. If you witness this, call 9-1-1. Please contact the Des Plaines Police non-emergency number at 847.391.5400 if you discover illegally dumped items.

## ACCEPTABLE WASTES



Household Batteries



Insecticides, Pesticides



Aerosol Paint, Cleaning Products



Fluorescent Light Bulbs



Mercury



Oil-Based Paint Thinner



Old and Expired Medications



Gasoline, Used Motor Oil, Antifreeze

## UNACCEPTABLE WASTES



Fireworks, Explosives



Controlled Substances



Farm Oil, Agricultural Chemical



Fire Extinguishers



Lead Batteries



Smoke Detectors



Needles



Propane Tanks

## HAZARDOUS HOUSEHOLD WASTE

The Environmental Protection Agency (IEPA) coordinates one-day household hazardous waste collections each year in the spring and fall. There are also several long-term collection facilities available for disposal of household hazardous waste throughout the year.

Contact IEPA at 217.782.3397 or visit [www2.illinois.gov/epa](http://www2.illinois.gov/epa) for further information. Scan this QR Code to view the full list of locations along with an interactive map.



## PRESCRIPTION MEDICATIONS

If you cannot bring unwanted medications to an appropriate facility, the Des Plaines Police Department hosts a free Drug Take Back Event every April and October. Residents can also turn in drugs safely and anonymously at the Police Department year-round.

The IEPA also provides these guidelines for safe disposal of medicines:

1. Remove or mark over all labels that identify the materials as pharmaceuticals or that provide personal information.
2. Dissolve them in a small amount of water or alcohol, or grind them up and mix them with coffee grounds or cat litter.
3. Put them in a second container or small plastic bag and place them in your trash.

Improper "sharps" disposal can threaten public safety, puncture and injure waste haulers, and contaminate and jeopardize recycling programs. Residents may place syringes, needles, lancets and other sharp objects in puncture-proof hard plastic or hard metal containers with tightly secured lids, which may then be placed in the garbage, not in the recycling.

# MARCH | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

FEBRUARY

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19	20	21	22	23	24	25
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APRIL

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23	24	25	26	27	28	29
30						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4		
5	6 Council Meeting 7 p.m.	7	8	9	10	11
12 Daylight Saving Begins	13	14	15	16	17 St. Patrick's Day	18
19	20 Council Meeting 7 p.m. Spring Begins	21	22	23	24	25
26	27	28	29	30	31	1

# YARD WASTE & BRANCH COLLECTION

## YARD WASTE COLLECTION

From April 3 through November 30, LRS collects residential yard waste weekly on residents' regular garbage collection day. Please limit yard waste to: grass clippings, leaves, plant clippings, twigs, small branches and brush. Put these items in the garbage (not with the yard waste): fruits, vegetables, dirt, roots, stumps and animal waste.

### Guidelines

- Place yard waste in 32-gallon containers with secure lids and handles, marked with 12-inch red "X" on the bodies of the containers.
- Or, place in 2-ply yard waste paper bags.
- Do not place in plastic bags, cardboard boxes or regular garbage containers. (Those will not be collected.)
- When filled, yard waste containers and bags must not exceed 50 pounds.

## BRANCH COLLECTION

### WEEKLY

From April 3 through November 30, LRS will collect bundled branches weekly on residents' regular garbage collection day.

Branches should be:

- Less than 4 inches in diameter and 4 feet in length.
- Tied in a bundle with string or twine (no wire or plastic).
- Limit to 50 pounds (or less), or a total of 24 inches in diameter.

These items will not be collected: debris (stumps), lumber and large amounts of tree material.

**Note: Please contact a qualified tree service for appropriate debris removal.**

### MONTHLY

May through September, Public Works will collect branch clippings one time per month per zip code – for a total of five collections.

#### COLLECTION SCHEDULE

	60016	60018
1st Collection	May 1	May 15
2nd Collection	June 5	June 19
3rd Collection	July 3	July 17
4th Collection	August 7	August 21
5th Collection	September 5	September 18

- Place branches on the parkway by 7 a.m. on collection day. It may take up to 2 weeks to collect each zone. If branches are placed out late, incorrectly, or cannot be reached, collection will not be attempted again until the next month.
- Do not obstruct sidewalks or streets.
- Branches should be 2 feet or longer, cleanly cut (without roots), and smaller than six inches in diameter, with cut ends pointing to the curb.

## ***It's Not Too Late!***

*Recycle your holiday trees when landscape waste pick-up begins in April. Please see the January page for this year's details.*



# APRIL | 2023

Find more information  
at [desplaines.org](https://desplaines.org).

MARCH

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12	13	14	15	16	17	18
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26	27	28	29	30	31	

MAY

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			29	30	31	1
2	3 Council Meeting 7 p.m. First Week of the Refuse Service Curbside Yard Waste Collection	4 2023 Consolidated Election	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24 Council Meeting 7 p.m.	25	26	27	28	29 Earth Day
30					Arbor Day	

# HOUSEHOLD WASTE DISPOSAL

*Below is a list of some of the most common household items that require special disposal treatment.*

## REFUSE ITEMS ACCEPTED BY LRS

### Bulk Items

One 'bulk' item may be placed out for collection each week at no additional cost. 'Bulk' items are defined as items too large to fit into your waste cart, and 50 pounds in weight or less. 'Bulk' items do not include 'white' goods (appliances like refrigerators, washing machines, etc.), electronic waste, certain types of construction debris (concrete, stone, masonry etc.), dirt, tree stumps and engines, among other items. For additional 'bulk' collection outside of the weekly limit of one item, please contact LRS to schedule service. Items will be charged on a per-yard basis.

### White Goods

'White' goods are generally defined as appliances like refrigerators, washers, dryers and ovens, but include other items as well. LRS will collect these items, but they must be scheduled for collection. There will be a \$30 per-unit charge.

### Do-It-Yourself Construction Debris

Up to one cubic yard of construction debris may be placed out for collection each week. Construction debris is defined as basic material that is consistent with household projects, renovations and clean-outs.

## REPURPOSING ITEMS TO BENEFIT OTHERS

The Frisbie Senior Center is home to the Once & Again Resale Shop, located at 50 E. Northwest Highway. Once & Again is a not-for-profit entity that focuses on reusing instead of recycling. Receipts acknowledging donations are provided for tax purposes. Extremely large donations may require special accommodations, so please call in advance of a large drop-off.

All proceeds benefit the Frisbie Senior Center ([frisbieseniorcenter.org](http://frisbieseniorcenter.org)) and the extensive programs and services offered to its members and the community at-large. Please call 847.768.5944 for more information.

## REFUSE ITEMS ACCEPTED BY THE PUBLIC WORKS DEPARTMENT

Many household items can be dropped off at the City's Public Works Department, located at 1111 Joseph Schwab (Campground) Road.

Accepted items include tires with rims removed (limit 2), household batteries, fluorescent light bulbs, computers and other electronics (Wednesdays only). Appliances (white goods) are not accepted.

Local Motor Oil Recycling and Collection: Oil Express (847.296.7059) accepts motor oil and oil filters for recycling at 1340 Lee Street in Des Plaines. Other local garages may also accept these types of items.



# MAY | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

APRIL

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30						

JUNE

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	1 Council Meeting 7 p.m. Branch Collection for 60016 Begins	2	3	4	5	6
7	8	9	10	11	12	13
14 Mother's Day	15 Council Meeting 7 p.m. Lawn Watering Restrictions Begin Branch Collection for 60018 Begins	16	17	18	19	20 Armed Forces Day
21	22	23	24	25	26	27
28	29 Memorial Day City Offices Closed One-Day Delay for Refuse Collection Due to Holiday →	30	31	1	2	3



# CITY SPONSORED EVENTS

The City sponsors a number of free events that celebrate the spirit of this great community. So, round up the family and some friends to check out the Taste of Des Plaines, our annual Independence Day celebrations and our Holiday Tree Lighting Ceremony in December. Visit our website [desplaines.org](http://desplaines.org) for more information and details on new events. Many of our partner agencies and community-based organizations also host events throughout the year. For more info, visit [desplaines.org](http://desplaines.org).



# JUNE | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

MAY

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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JULY

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			31	1	2	3
4	5 Council Meeting 7 p.m. Branch Collection for 60016 Begins	6	7	8	9	10
11	12	13	14 Flag Day	15	16 Taste of Des Plaines - Downtown Des Plaines	17 Taste of Des Plaines - Downtown Des Plaines
18 Father's Day	19 Juneteenth Council Meeting 7 p.m. Branch Collection for 60018 Begins	20	21 Summer Begins	22	23	24
25	26	27	28	29	30	1

# CURBSIDE WASTE COLLECTION

## RESIDENTIAL SERVICE INFORMATION

The City of Des Plaines contracts with LRS to provide trash, recyclables and yard waste collection services. Residents are billed on a quarterly basis, directly by LRS.

Visit [lrsrecycles.com/desplaines](https://lrsrecycles.com/desplaines) for everything you need to know. For questions or service requests, contact LRS at 844.NEED.LRS or by email at [service@LRSrecycles.com](mailto:service@LRSrecycles.com). If you have an issue or concern, you can reach out to Des Plaines Public Works at 847.391.5464.

## CARTS & CONTAINERS

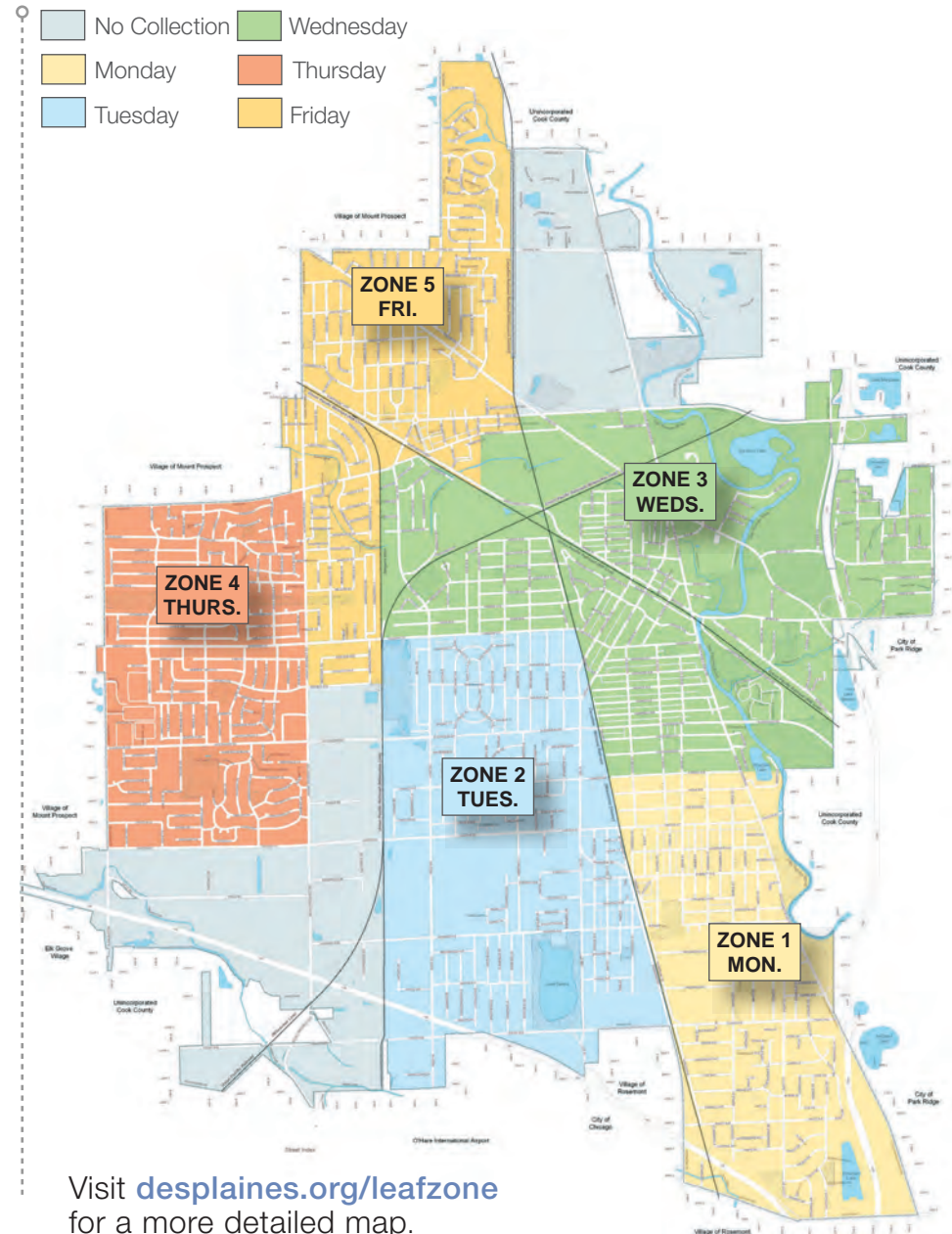
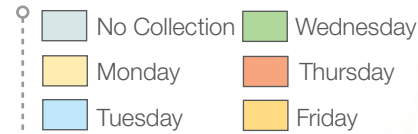
All trash, recycling and yard waste is collected on the same day.

### Help Us Help You:

- Place items in the appropriate carts with lids closed and place curbside on the parkway before 6 a.m. on collection day. Remove from the curb by the end of collection day.
- Please do not place carts out before 4 p.m. the day before collection.
- Face wheels toward the house.
- Fill containers completely before placing any extra items next to the carts.
- Securely close lids.
- Do not place items on top of the lids or in front of the carts.
- Please leave a 2-foot separation between carts and between each cart and mailboxes or trees.
- Do not store containers in front yards. Please move to the backyard or garage.

Damaged or missing carts can be replaced by calling LRS. Des Plaines residents may rent additional recycling and garbage carts directly from LRS when needed.

## GARBAGE COLLECTION DAYS



Visit [desplaines.org/leafzone](https://desplaines.org/leafzone) for a more detailed map.

# JULY | 2023

Find more information  
at [desplaines.org](https://desplaines.org).

JUNE

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4	5	6	7	8	9	10
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18	19	20	21	22	23	24
25	26	27	28	29	30	

AUGUST

S	M	T	W	T	F	S
		1	2	3	4	5
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			28	29	30	1
2  Independence Day Fireworks	3  Council Meeting 7 p.m. Branch Collection for 60016 Begins	4  Independence Day Parade City Offices Closed One-Day Delay for Refuse Collection Due to Holiday →	5	6	7	8
9	10	11	12	13	14	15
16	17  Council Meeting 7 p.m. Branch Collection for 60018 Begins	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# RECYCLING INFORMATION

## RECYCLING DROP-OFF

For those recycling items that aren't allowed in your regular pick-up, the City of Des Plaines accepts specific items at the Public Works facility, 1111 Joseph J. Schwab (Campground) Road, on Wednesdays only from 8 a.m. to 3 p.m.

### Accepted items (per drop-off)

- Automobile Batteries: Limit 2
- Household Batteries: Nickel cadmium, nickel metal hydride, lithium ion and small sealed lead batteries accepted. Terminals should be covered in tape.
- Tires: Rims must be removed. Limit 2
- Fluorescent Light Bulbs: Limit 4
- Electronics including: Computer components, phone equipment, hand-held electronics, DVD and VCR players and televisions. (The City's contracted recycling company will wipe all computer hard drives to the National Institute of Standards and Technology standards.)

### Important Notice About Household Paint

Household paint cannot be accepted for recycling at the Public Works building. However, latex paint can be dried out in a ventilated area before being discarded into the garbage. Oil-based and lead paint can be brought to a household hazardous waste collection center. See the March page of this calendar for info.

## PREVENT STORMWATER RUNOFF POLLUTION

Storm drains can carry pollutants to our streams and waterways. There are many simple, basic steps people can do each day to prevent storm water pollution:

- Don't dump waste into storm drains.
- Keep yard clippings out of the street.
- Dispose of household chemicals properly.
- Clean up oil spills and fix leaking automobiles.
- Use drip pans to catch engine oil and other pollutants while repairing cars.
- Recycle used motor oil.

Report dumping to the Code Enforcement Office at 847.391.5380.

What **should** and **should not** go into the blue LRS recycling cart?

**YES!**  
Clean & Empty  
Replace lids & caps  
Put material in loose  
- Not in Bags

**METAL**  
Steel & Aluminum Containers and Foil

**PAPER**  
Cardboard (flattened),  
Office Paper, Newspaper, Magazines

**GLASS**  
Containers: Bottles & Jars Only

**PLASTIC**  
Containers: Bottles, Tubs, Jugs,  
and Jars Only

**CARTONS**

**NO!**

**No Plastic Bags**  
No Product Wrap  
(return clean to retailer)

**No Big Items** (Electronics, Wood,  
Propane Tanks, Scrap Metal or Styrofoam  
— check with local authority for other options)

**No Tangles** (Hangers, Hoses,  
Wire, Cords, Ropes or Chains)

**No Clothing**  
Textiles or Shoes (donate)

**No Food, Liquid, Diapers,  
Batteries or Needs**

**No Shredded Paper**

These Guidelines represent the common items accepted in most recycling programs. For more information, visit [LRSrecycles.com](http://LRSrecycles.com).



# AUGUST | 2023

Find more information  
at [desplaines.org](https://desplaines.org).

JULY

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7 Council Meeting 7 p.m. Branch Collection for 60016 begins August 7	8	9	10	11	12
13	14	15	16	17	18	19
20	21 Council Meeting 7 p.m. Branch Collection for 60018 begins August 21	22	23	24	25	26
27	28	29	30	31	1	2

# MESSAGE FROM YOUR CHIEFS

Day in and day out, our police, fire and EMTs serve the people of Des Plaines and make a difference in our community and our quality of life.

Des Plaines Police Chief Dave Anderson and Fire Chief Dan Anderson, along with the men and women in uniform and behind the scenes, are strongly committed to delivering exceptional public safety services to Des Plaines.

Additionally, the chiefs are advocates for transparency and community connection to build and grow relationships and partnerships, and most importantly, earn public trust.

To stay up to date on news, information and safety tips, engage in conversations and ask questions, you can connect with both of these departments on Facebook at:

[facebook.com/DesPlainesPolice](https://facebook.com/DesPlainesPolice)

[facebook.com/DesPlainesFireDepartment](https://facebook.com/DesPlainesFireDepartment)



DAVE ANDERSON  
POLICE CHIEF



DAN ANDERSON  
FIRE CHIEF

## PROTECT YOUR VEHICLES

We've seen an increase in reports of stolen catalytic converters in the Chicagoland area.

### ***What is a Catalytic Converter?***

It is a metal cylinder, often made of precious metals, attached to the car exhaust to reduce harmful gases from being released into the environment. Those who steal catalytic converters try to sell them once they remove the part from the car.

### ***How do I know if mine was taken?***

You may notice your vehicle making a loud roaring noise or even sputtering when changing speeds.

### ***What should I do if mine is taken?***

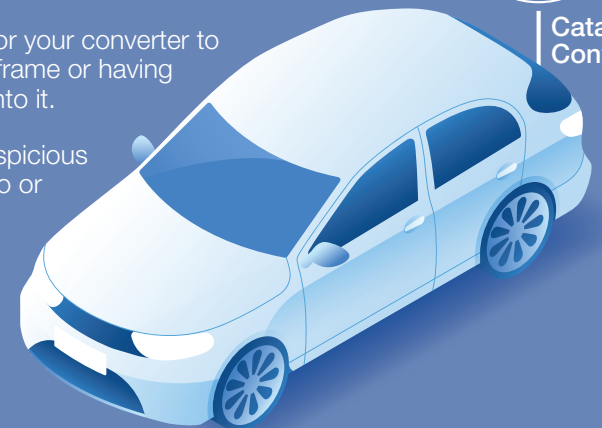
Contact the police department immediately, and then follow up with your insurance company.

## PREVENT CATALYTIC CONVERTER THEFT

- Park in a secured garage or a well-lit area of a parking lot.
- Adjust your car alarm so it will detect smaller vibrations.
- Consider asking for your converter to be welded to the frame or having your VIN etched into it.
- Be cautious of suspicious people looking into or under vehicles!
- Call 9-1-1 to report theft or suspicious activity.



Catalytic Converter



# SEPTEMBER | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

AUGUST

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		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

OCTOBER

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			30	31	1	2
3	4 Labor Day City Offices Closed One-Day Delay for Refuse Collection Due to Holiday Waste Collection →	5 Council Meeting 7 p.m. Final Branch Collection for 60016 Begins	6	7	8	9
10	11 Patriot Day	12	13	14	15 Lawn Watering Restrictions End	16
17	18 Council Meeting 7 p.m. Final Branch Collection for 60018 Begins	19	20	21	22	23 Autumn Begins
24	25	26	27	28	29	30



# LEAF COLLECTION

## OPTION 1 - WEEKLY BAGGED LEAF COLLECTION

The collection of residential leaves is part of an ongoing yard waste program that LRS provides April through November. Please see the April calendar page for more information.

## OPTION 2 - DROP OFF AT PUBLIC WORKS FACILITY

The City's Public Works Department will accept leaves from Monday, October 16 through Friday, December 15. Hours for drop-off are between 9 a.m. and 3 p.m., Monday through Friday.

Only leaves can be accepted during this time. Empty your containers in the designated area conveniently located on the north side of the Public Works facility. Yard waste, such as grass clippings, branches, etc. should be placed curbside for yard waste disposal. To maintain the proper flow of stormwater, roadside ditches, gutters and sewers must remain clear of leaves.

## OPTION 3 - CITY'S BULK CURBSIDE COLLECTION

The City's residential Bulk Curbside Leaf Collection is separate from the refuse service's weekly refuse pick-up. This seasonal in-house program provides residential leaf collection starting Monday, October 16 and continuing through November, weather permitting. In December, Public Works will still accept leaf drop-off at 1111 Joseph J. Schwab (Campground) Road until Friday, December 15. Drop-off hours are 9 a.m. until 3 p.m. Monday through Friday. Please note that only leaves can be accepted.

### 2023 CURBSIDE LEAF COLLECTION SCHEDULE

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
Oct. 19	Oct. 20	Oct. 17	Oct. 18	Oct. 16
Oct. 26	Oct. 27	Oct. 24	Oct. 25	Oct. 23
Nov. 2	Nov. 3	Oct. 31	Nov. 1	Oct. 30
Nov. 9	Nov. 13	Nov. 7	Nov. 8	Nov. 6
Nov. 17	Nov. 20	Nov. 16	Nov. 15	Nov. 14
Nov. 28	Nov. 29	Nov. 27	Nov. 22	Nov. 21

The curbside leaf pick-up zone numbers are the same as the refuse pick-up zone numbers as shown on the July calendar page. However, the curbside leaf pick-up days are different than the refuse pick-up days. Curbside leaf pick-up days are shown on the October and November calendars. In December there is a leaf drop-off deadline. If leaf collection and snow removal seasons overlap, snow removal will take priority.



## Leaf Placement in Streets

To participate, leaves need to be raked into the street by 6 a.m. on the scheduled pick-up date. Being careful to keep storm drains clear, residents are encouraged to position the leaves into one neat, continuous row, 1 foot (12") from the curb.

Only leaves should be raked into the row (Please note: grass, branches, brush, rocks and other debris will not be collected).

To accommodate curbside collection, street parking in posted areas is not allowed on the day of collection from 6:30 a.m. until 3:30 p.m. Where the streets are not posted, residents should be considerate of their neighbors as well as the workers to ensure the success of this ongoing program.

## Leaf Placement in Parkways

Residents living on the following streets should place leaves in the parkways, instead of the streets, to provide for safe parking and traffic flows:

- Algonquin Road
- Ballard Road
- Busse Highway
- Central Road
- Dempster Street
- East River Road
- Elmhurst Road
- Golf Road
- Lee Street
- Mannheim Road
- Mount Prospect Road
- Northwest Highway
- Oakton Street
- Potter Road
- Rand Road
- River Road
- Thacker Street
- Touhy Avenue
- Wolf Road

# OCTOBER | 2023

Find more information  
at [desplaines.org](https://desplaines.org).

SEPTEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

NOVEMBER

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18	19	20	21	22	23	24
25	26	27	28	29	30	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Council Meeting 7 p.m.	3	4	5	6	7
8	9 Columbus Day City Offices Closed Refuse Collection Will Follow Its Normal Schedule →	10	11	12	13	14
15	16 Council Meeting 7 p.m. Leaf Pick Up Zone 5	17 Leaf Pick Up Zone 3	18 Leaf Pick Up Zone 4	19 Leaf Pick Up Zone 1	20 Leaf Pick Up Zone 2	21
22	23 Leaf Pick Up Zone 5	24 Leaf Pick Up Zone 3	25 Leaf Pick Up Zone 4	26 Leaf Pick Up Zone 1	27 Leaf Pick Up Zone 2	28
29	30 Leaf Pick Up Zone 5	31 Halloween Leaf Pick Up Zone 3	1			

# BUILDING PERMIT INFORMATION

## PERMIT GUIDELINES

The City of Des Plaines Community and Economic Development Department (CED) Building Division operates Monday through Friday from 8:30 a.m. to 5 p.m. Permits are required for a number of different projects to protect the health and safety of our residents.

Guidelines and general permit information are available online at [desplaines.org/buildingpermits](https://desplaines.org/buildingpermits).

The following are common, not all-inclusive, projects that require Des Plaines building permits:

- Fences, decks and stairs, concrete, asphalt or paver brick driveways, sidewalks, patios, stoops, and stairs
- Demolitions, exterior door and window replacements, interior alterations
- Fire sprinklers and mechanical systems (heating and air conditioning)
- Grading changes, retention walls and other landscaping involving topographical changes
- New electric services and additional devices requiring new lines, new structures, any structural changes and plumbing (water heaters, etc.)
- Roofing, re-roofing or tear-offs, sewer repairs or clean-outs, sheds, shoring and foundation repairs, siding, signs, banners, tents, swimming pools, spas and hot tubs

## PERMIT RESPONSIBILITY

If a contractor obtains permits on a property owner's behalf, the owner should verify a permit placard has been issued and make sure it is posted in a location visible from the street. A property owner performing construction work on their property must obtain permits and post the placard.

## CONTRACTOR LICENSE

All contractors working in the City of Des Plaines must receive a license from the City before a building permit will be issued. Go to [desplaines.org/ContractorLicensing](https://desplaines.org/ContractorLicensing) for the Contractor License application and email it to [permits@desplaines.org](mailto:permits@desplaines.org) referencing the property address in the subject line.



PROVIDING  
ASSISTANCE AT  
EVERY STEP

## BUILDING INSPECTIONS

In order to avoid delays in your building project, make sure all inspections are performed during the construction process. To schedule an inspection, contact the City's Building Division at 847.391.5382.

A good "rule of thumb" is to call for building inspections before covering-up construction work with materials such as drywall, plywood, concrete, etc. This will save you time and money in the end. Every issued permit requires a final inspection to close-out the project.

## ESSENTIAL INFORMATION

Permit Applications and Guidelines: [desplaines.org/buildingpermits](https://desplaines.org/buildingpermits)

Inspections: To schedule inspections or for questions regarding inspections: 847.391.5382

Contractor Licenses: Call 847.391.5380, email [permits@desplaines.org](mailto:permits@desplaines.org) or visit [desplaines.org/ContractorLicensing](https://desplaines.org/ContractorLicensing)

# NOVEMBER | 2023

Find more information  
at [desplaines.org](https://desplaines.org).

OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
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22	23	24	25	26	27	28
29	30	31				

DECEMBER

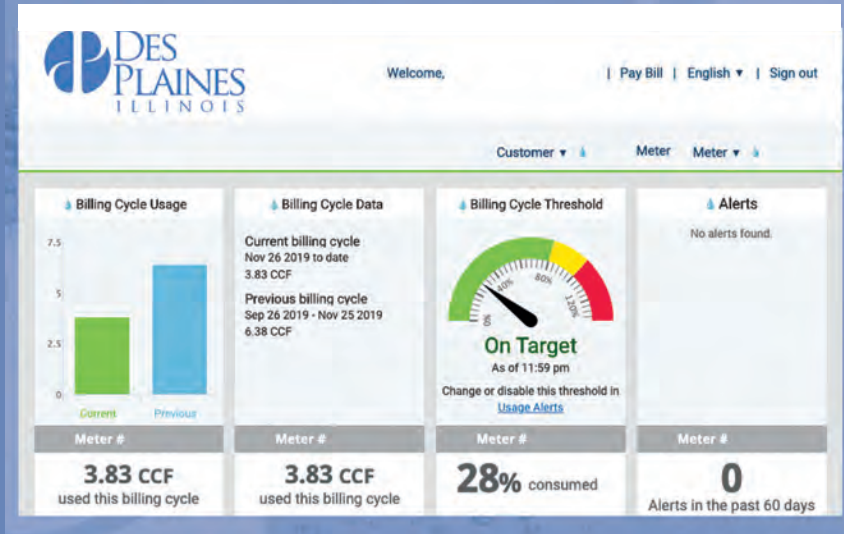
S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
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17	18	19	20	21	22	23
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31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			<b>1</b> Leaf Pick Up Zone 4	<b>2</b> Leaf Pick Up Zone 1	<b>3</b> Leaf Pick Up Zone 2	<b>4</b>
<b>5</b> Daylight Saving Ends	<b>6</b> Council Meeting 7 p.m. Leaf Pick Up Zone 5	<b>7</b> Leaf Pick Up Zone 3	<b>8</b> Leaf Pick Up Zone 4	<b>9</b> Leaf Pick Up Zone 1	<b>10</b> Veterans Day – Observed City Offices Closed	<b>11</b> Veterans Day
<b>12</b>	<b>13</b> Leaf Pick Up Zone 2	<b>14</b> Leaf Pick Up Zone 5	<b>15</b> Leaf Pick Up Zone 4	<b>16</b> Leaf Pick Up Zone 3	<b>17</b> Leaf Pick Up Zone 1	<b>18</b>
<b>19</b>	<b>20</b> Council Meeting 7 p.m. Leaf Pick Up Zone 2	<b>21</b> Leaf Pick Up Zone 5	<b>22</b> Leaf Pick Up Zone 4	<b>23</b> Thanksgiving City Offices Closed One-Day Delay for Refuse Collection Due to Holiday	<b>24</b> Day after Thanksgiving City Offices Closed	<b>25</b>
<b>26</b>	<b>27</b> Final Week of Refuse Service Curbside Yard Waste Collection Begins Leaf Pick Up Zone 3	<b>28</b> Leaf Pick Up Zone 1	<b>29</b> Leaf Pick Up Zone 2	<b>30</b>	<b>1</b>	<b>2</b>

# WATER & UTILITY INFORMATION

## CUSTOMER PORTAL

We've made it easy for you to keep track of your water consumption. Whenever. Wherever. Start today by visiting [desplains.org/waterdashboard](https://desplains.org/waterdashboard) to access the Customer Portal and set up an account. Once verified, you will be able to monitor your meter(s), receive usage alerts and identify a leak or other problem before it gets costly.



## DID YOU KNOW?

The return on the City's investment to partner with the Northwest Water Commission (and reduce reliance on Chicago's water system) is saving the City millions of dollars every year. In fact, the City recouped its original investment in 32 months and continues to save \$10,000 per day!

# DECEMBER | 2023

Find more information  
at [desplaines.org](http://desplaines.org).

NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
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JANUARY

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	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			29	30	1 Holiday Tree Lighting Ceremony	2
3	4 Council Meeting 7 p.m.	5	6	7	8	9
10	11	12	13	14	15 Last Day to Drop Off Leaves at Public Works	16
17	18 Council Meeting 7 p.m.	19	20	21 Winter Begins	22	23
24 Christmas Eve	25 Christmas Day City Offices Closed	26	27	28	29	30
New Year's Eve <b>31</b>	One-Day Delay for Refuse Collection Due to Holiday →					

# SIGN UP FOR E-NEWS

*You can now sign up for City news and information delivered right to your email inbox. It's easy!*

1. Go to [desplaines.org/mycity](https://desplaines.org/mycity).
2. Choose the topics you're interested in.
3. Receive emails from the City, including: emergency information, City Council updates, general news, events, police bulletins and more.



## SUBSCRIPTION TOPICS

- ▶ City News and Events
  - City E-News
  - Emergency Notifications
  - Police Updates
  - Business Information
  - News Releases
  - Community Events
- ▶ City Business
  - RFPs and Bidding Opportunities
- ▶ Construction and Traffic Updates

## TEXT TO SIGN UP

Text "DPNEWS ENEWS [your email address here]" to 468311 to receive the City's E-News bulletins. You'll get an email confirmation after signing up.

## QR CODE SIGN UP

Scan the QR code to go to [desplaines.org/mycity](https://desplaines.org/mycity), and sign up now!



# JANUARY | 2024

Find more information  
at [desplaines.org](http://desplaines.org).

DECEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

FEBRUARY

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17	18	19	20	21	22	23
24	25	26	27	28	29	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	1 New Years Day City Offices Closed One-Day Delay for Refuse	2 Council Meeting 7 p.m. Public Works Holiday Tree Collection (Weather Permitting)	3	4	5	6
7	8	9	10	11	12 Last Day of Refuse Service Holiday Tree Pick Up	13
14	15 Martin Luther King Day City Offices Closed Refuse Collection Will Follow	16 Council Meeting 7 p.m.	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

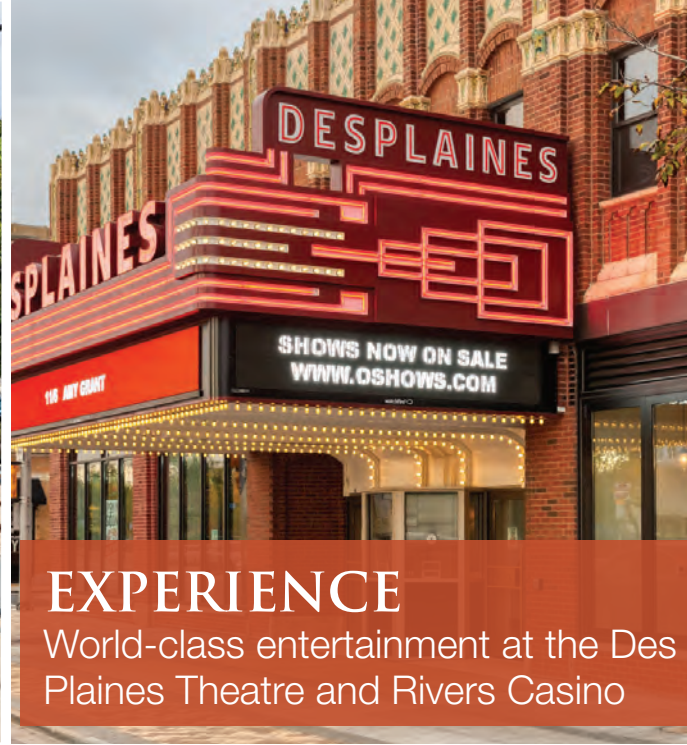


# DESTINATION DES PLAINES



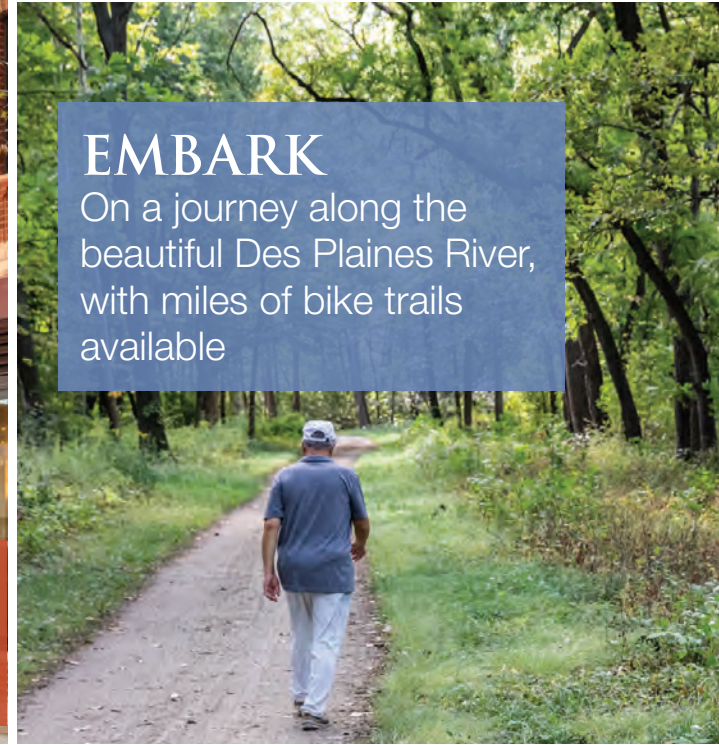
## EXPLORE

Unique boutiques and shops throughout the City



## EXPERIENCE

World-class entertainment at the Des Plaines Theatre and Rivers Casino



## EMBARK

On a journey along the beautiful Des Plaines River, with miles of bike trails available



## EMBRACE

Nature at one of our many parks or the local forest preserve



## ENJOY

Diverse cuisine at one of our many local restaurants

# FEBRUARY | 2024


Find more information  
at [desplaines.org](http://desplaines.org).

JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

MARCH

S	M	T	W	T	F	S
						1 2
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			31	1	2	3
4	5	6	7	8	9 Groundhog Day	10
11	12 Council Meeting 7 p.m.	13	14	15	16	17
18	19	20	21 Valentine's Day	22	23	24
25	26 President's Day City Offices Closed Refuse Collection will follow	27 Council Meeting 7 p.m. its normal schedule →	28	29	1	2

# CONNECT WITH US!

## CALL US AT 847.391.5300

A friendly Des Plaines team member will be happy to help you and connect you with the right resource.



## STREAM DES PLAINES VIDEOS

Watch videos about City services, events and more  
[YOUTUBE.COM/CITYOFDESPLAINES](https://www.youtube.com/c/cityofdesplaines)



## GET SOCIAL

Connect with us on Facebook and LinkedIn  
[DESPLAINES.ORG/SOCIAL](https://www.desplaines.org/social)



## STAY INFORMED

Get City news and information delivered straight to your inbox  
[DESPLAINES.ORG/MYCITY](https://www.desplaines.org/mycity)

## CONTACT INFORMATION

1420 Miner Street: 847.391.5300

### ADMINISTRATION

Mayor's Office, 6th Floor: 847.391.5301  
City Clerk's Office, 6th Floor: 847.391.5311  
City Manager's Office, 6th Floor: 847.391.5488  
Media Services Office, 6th Floor: 847.391.6122

### COMMUNITY AND ECONOMIC DEVELOPMENT

General Inquiries, 3rd Floor: 847.391.5380  
Building Permits and Neglected Yards, 3rd Floor:  
847.391.5370  
Building Inspections, 3rd Floor: 847.391.5382

### FINANCE DEPARTMENT

Utility Bills, 1st Floor: 847.391.5322

### FIRE DEPARTMENT

Administrative Offices, 4th Floor: 847.391.5333  
Fire Station #61 - 405 South River Road  
Fire Station #62 - 1313 East Oakton Street  
Fire Station #63 - 130 East Thacker Street

### HEALTH AND HUMAN SERVICES

General Inquiries, 5th Floor: 847.391.5480

### HUMAN RESOURCES

General Inquiries, 5th Floor: 847.391.5486

### POLICE DEPARTMENT

Non-Emergency: 847.391.5400  
Police Records, City Hall, 2nd Floor: 847.391.5504

### PUBLIC WORKS AND ENGINEERING

Public Works, 1111 Joseph J. Schwab  
(Campground) Road: 847.391.5464  
Engineering, 5th Floor, 1420 Miner Street:  
847.391.5390



# MESSAGE FROM THE MAYOR

*Dear Neighbors,*

It is an honor to serve you each and every day as Mayor. I am committed to ensuring that Des Plaines remains a safe, welcoming, and prosperous community.

In 2022, the City Council and I:

- ✓ Passed a **balanced budget** with **no tax increase**. We invested millions of dollars in infrastructure improvements and fully funded public safety.
- ✓ Hosted **more successful community events** with **higher attendance** than ever before.
- ✓ Facilitated more than **\$100 million in residential, commercial, and industrial development**. Remember: new investments help our community continue to grow **without new taxes**.

I have and will continue to make sure you have access to information like this on a regular basis. I encourage you to sign up for my newsletter and follow the city's social media pages to know what is going on, and why.

Very Sincerely,



Andrew Goczkowski  
Mayor

# YOUR ELECTED OFFICIALS

The City of Des Plaines is a municipal government comprised of ten elected officials: the Mayor, City Clerk and eight Aldermen. The City is divided into eight wards, with residents of each ward electing an Alderman to represent the ward.

To view the locations of all eight wards, visit [desplaines.org/maps](https://desplaines.org/maps).

Please note: Pictured are the current elected officials at the time of printing.



**MAYOR**  
Andrew Goczkowski  
agoczkowski@desplaines.org  
847.391.5301



**CITY CLERK**  
Jessica Mastalski  
jmastalski@desplaines.org  
847.391.5311



**FIRST WARD**  
Mark Lysakowski  
mlysakowski@desplaines.org  
847.514.8526



**SECOND WARD**  
Colt Moylan  
cmoylan@desplaines.org  
847.530.3345



**THIRD WARD**  
Sean Oskerka  
soskerka@desplaines.org  
847.514.6318



**FOURTH WARD**  
Artur Zadrozny  
azadrozny@desplaines.org  
847.894.4719



**FIFTH WARD**  
Carla Brookman  
cbrookman@desplaines.org  
847.812.6463



**SIXTH WARD**  
Malcolm Chester  
mchester@desplaines.org  
847.372.1097



**SEVENTH WARD**  
Patsy Smith  
psmith@desplaines.org  
847.878.5289



**EIGHTH WARD**  
Shamoon Ebrahimi  
sebrahimi@desplaines.org  
847.878.5291



PRSRRT STD  
U.S. POSTAGE  
PAID  
DES PLAINES, IL  
PERMIT No. 5

IMPORTANT INFORMATION FOR THE DES PLAINES COMMUNITY

## COMMUNITY CALENDAR

- Holiday Recycling (January)
- Winter Weather (February)
- Recycling (March and August)
- Yard Waste and Branch Collection (April)
- Waste (Garbage) Disposal (May)
- Special Events (June)
- Curbside Waste (July)
- Message from your Police and Fire Chiefs (September)
- Leaf Collection (October)
- Building Permits (November)
- Water and Utility (December)
- E-News Sign Up (January 2024)
- Destination Des Plaines (February 2024)

*Flip for important City contact information and a Message from the Mayor.*

*And, keep flipping for other not-to-miss information!*



# Water Quality Monitoring & Assessment Program

Water Quality Testing Report  
for Sampling Conducted on  
November 28, 2022

Prepared for:



City of Des Plaines  
Cook County, IL



## Contents

I. Introduction.....	1
II. Water Quality Monitoring & Assessment Program.....	6
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Figure 2 Impaired Waters

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Table 2 Typical Pollutants and Potential Sources

Table 3 Municipal Activities with Potential for Generating Pollutants

Table 4 Accepted Limits for Each Water Quality Parameter

## List of Appendices

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Appendix B Lab Report

## I. Introduction

### Executive Summary

The City of Des Plaines developed this Water Quality Monitoring & Assessment Program as required by the Illinois Environmental Protection Agency (IEPA) under the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit program. The NPDES MS4 permit program regulates the discharge of storm water from MS4s based on amendments to the Clean Water Act in 1987 and the subsequent 1990 and 1999 regulations by the USEPA. In Illinois, the USEPA delegated administration of the federal NPDES MS4 permit program to the IEPA. Under the NPDES MS4 permit program, all MS4s partially or fully in urbanized areas based on the 2000 census are required to obtain storm water permits for their discharges into receiving waters.

On December 20, 1999, the IEPA issued a General NPDES Storm Water Permit for all MS4s (ILR40 permit). The IEPA reissued the ILR40 permit on February 20, 2012 and again on February 10, 2016. In the 2016 permit, a new requirement was included in the ILR40 permit for water quality monitoring and assessment. The City started water quality testing in 2010 under the previous permit.

This document describes the Water Quality Monitoring & Assessment Program that is implemented by the City of Des Plaines to evaluate the effectiveness of Best Management Practices (BMPs) implemented by the City to reduce pollutant loadings and water quality impacts. This is accomplished through annual water quality testing of receiving waters upstream and downstream of the City.

### Permit Coverage

As previously noted, the ILR40 permit authorizes the discharge of storm water from MS4s into receiving waters. Storm water is defined in the ILR40 permit as “storm water runoff, snow melt runoff, and surface runoff and drainage”. MS4s contain a conveyance or system of conveyances that are: owned by a state, city, town, or other public entity that discharges storm water to waters of the U.S.; designed or used to collect or convey storm water (e.g., storm drains, pipes, ditches); not a combined sewer; and not part of a sewage treatment plant, or publicly owned treatment works. Regulated conveyance systems typically include roadway drainage systems, storm sewers, catch basins, gutters, ditches, swales, manmade channels, and storm sewers.

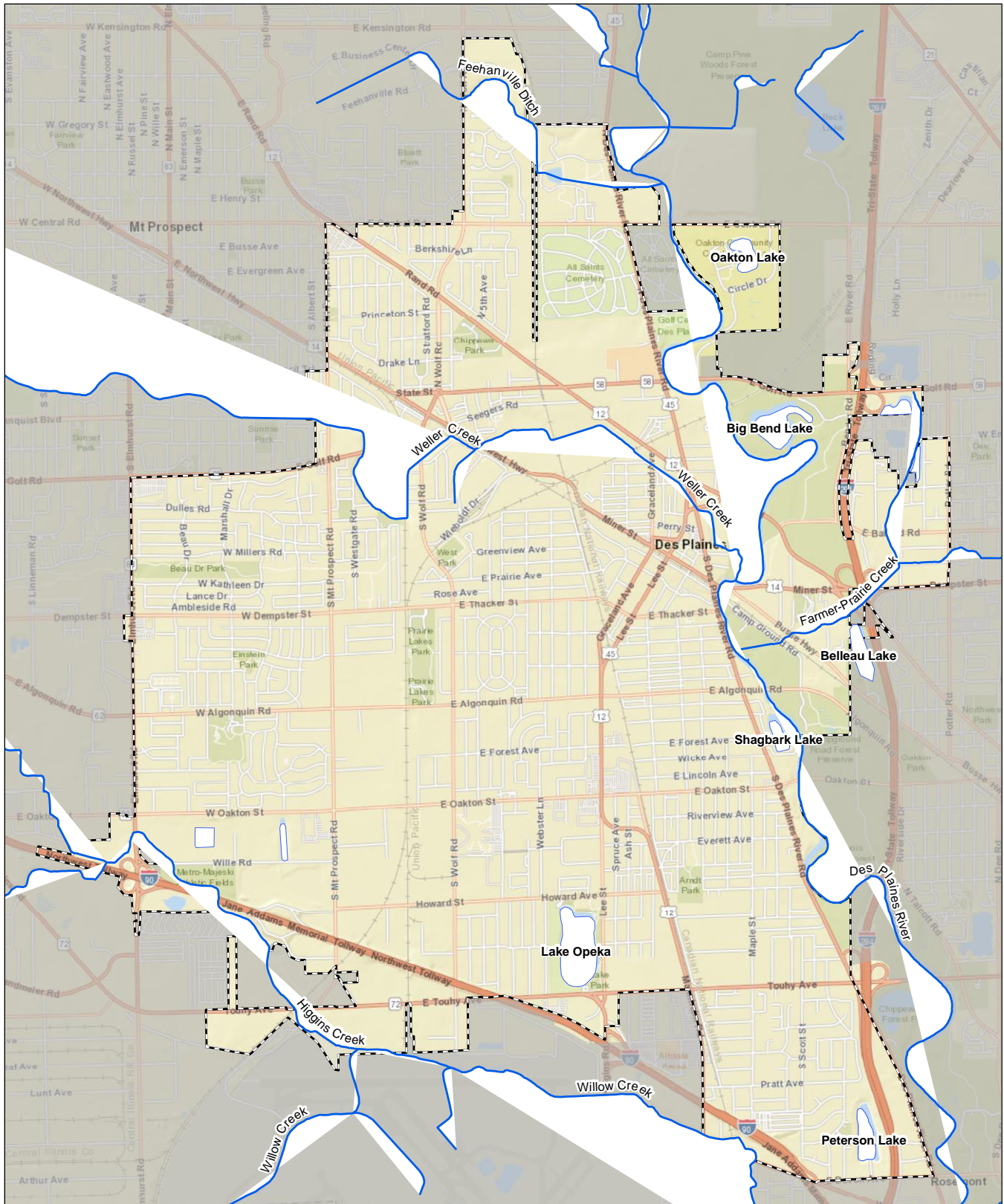
### Receiving Waters

A receiving water is a natural or man-made system into which storm water is discharged, including major rivers such as the Des Plaines River and its tributary stream systems. Receiving waters within the City include (see Figure 1):

- Des Plaines River
- Feehanville Ditch
- Weller Creek
- Higgins Creek
- Farmer-Prairie Creek
- Oakton Lake
- Big Bend Lake
- Belleau Lake
- Lake Opeka
- Shagbark Lake
- Peterson Lake



Figure 1 Receiving Waters



## Storm Water Pollutants of Concern

Polluted storm water runoff is commonly transported through MS4s, and then often discharged, untreated, into local waterways. Storm water runoff naturally contains numerous constituents; however, urbanization and urban activities (including municipal activities) typically increase concentrations to levels that may impact water quality. The typical pollutants found in urban storm water include sediment, nutrients, fecal coliform, chlorides, oil & grease, pesticides, herbicides, and metals. Table 1 identifies the pollutants of concern for the City and their potential sources. Table 2 identifies a list of municipal activities that have the potential for generating pollutants.

**Table 1 Typical Pollutants and Potential Sources**

Pollutants	Sources	
Sediment	Construction sites	Streambank erosion
Nutrients	Fertilizers Pet waste	Sanitary sewer overflows
Fecal Coliform	Untreated sewage Pet waste	Improper restaurant practices Excessive organic debris
Chlorides	De-icing salts	Sanitary sewer overflows Illicit connections
Oil & Grease	Parking lots and streets Automotive facilities Illicit discharges	Spills and leaks Motor lubricants Hydraulic fluids
Pesticides & Herbicides	Residential lawn care	Commercial lawn care
Metals	Rust from automobiles Moving engine parts Lubricating oil	Tire and brake lining wear Diesel fuel and gasoline exhaust

**Table 2 Municipal Activities with Potential for Generating Pollutants**

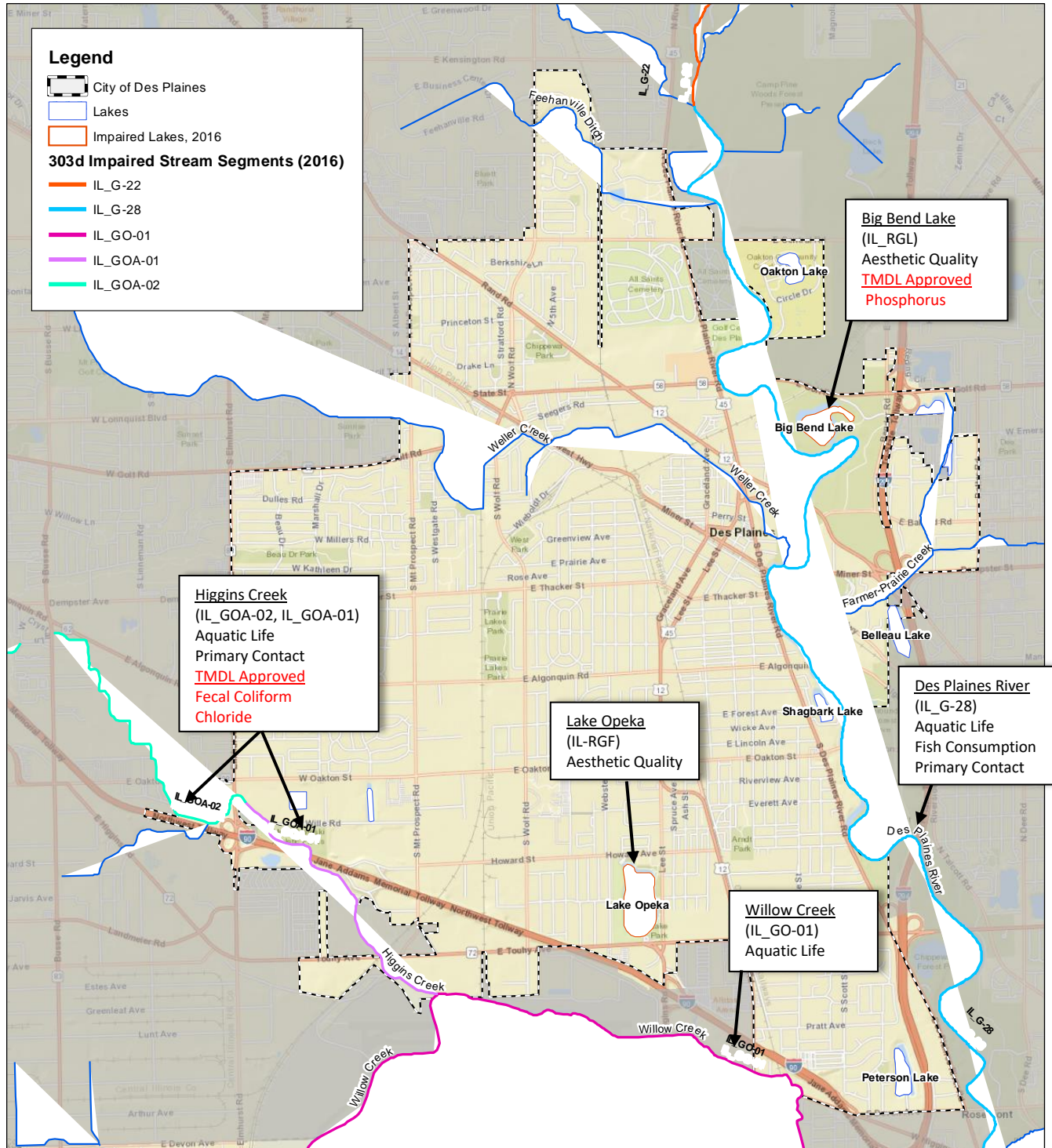
Fixed Facilities Activities	Field Program Activities
Building Maintenance and Repair	Street Sweeping and Cleaning
Parking Lot Maintenance	Street Repair and Maintenance
Landscape Maintenance	Bridge and Structure Maintenance
Waste Handling and Disposal	Sidewalk Surface Repair and Cleaning
Vehicle Fueling and Storage Tank Filling	Landscape Mowing/Trimming/Planting
Equipment Maintenance and Repair	Fertilizer and Pesticide Application
Vehicle and Equipment Storage	Solid Waste Collection and Recycling
Vehicle and Equipment Cleaning	
Material Handling and Storage	
Material Loading and Unloading	

## Status of Waters

The most recent Integrated Water Quality Report and Section 303(d) List prepared by the IEPA can be found at <https://www2.illinois.gov/epa/topics/water-quality/monitoring/Pages/default.aspx>.

The assessment completed in 2018 by the IEPA identified impairments to water quality in the Des Plaines River, Willow Creek, Higgins Creek, Big Bend Lake, and Lake Opeka, and placed them on the Illinois Integrated Water Quality Report Section 303(d) (impaired waters) List. Impaired waters within the City are shown on Figure 2. A summary of the IEPA 2018 assessment for receiving waters in the City is presented in Table 3.

Figure 2 Impaired Waters



**Table 3 IEPA 2018 Assessment Summary**

Receiving Water	Designated Use Not Being Met	Potential Cause	Potential Source	Impairment/TMDL Status
Des Plaines River IL_G-28	<ul style="list-style-type: none"> <li>• Aquatic Life</li> <li>• Fish Consumption</li> <li>• Primary Contact</li> </ul>	<ul style="list-style-type: none"> <li>• Alteration in stream-side or littoral vegetative covers</li> <li>• Other flow regime alterations</li> <li>• Chloride</li> <li>• Dissolved oxygen</li> <li>• Mercury</li> <li>• Polychlorinated biphenyls</li> <li>• Fecal coliform</li> </ul>	<ul style="list-style-type: none"> <li>• Streambank modifications/destabilization</li> <li>• Combined sewer overflow</li> <li>• Municipal point source discharge</li> <li>• Urban runoff/storm sewers</li> <li>• Impacts from hydrostructure flow regulation/modification</li> <li>• Atmospheric deposition-toxics</li> <li>• Other unknown sources</li> </ul>	TMDL not developed.
Willow Creek IL_GO-01	<ul style="list-style-type: none"> <li>• Aquatic Life</li> </ul>	<ul style="list-style-type: none"> <li>• Alteration in stream-side or littoral vegetative covers</li> <li>• Phosphorus (Total)</li> <li>• Loss of instream cover</li> </ul>	<ul style="list-style-type: none"> <li>• Channelization</li> <li>• Loss of riparian habitat</li> <li>• Municipal point source discharges</li> </ul>	Assessed in 2018 and on 2018 303(d) list. TMDL not developed.
Higgins Creek IL_GOA-02	<ul style="list-style-type: none"> <li>• Aquatic Life</li> <li>• Primary Contact</li> </ul>	<ul style="list-style-type: none"> <li>• Chloride</li> <li>• Fecal coliform</li> <li>• Cause unknown</li> </ul>	<ul style="list-style-type: none"> <li>• Urban runoff/storm sewers</li> </ul>	Fecal Coliform and Chloride TMDL approved 8/26/2013.
Higgins Creek IL_GOA-01	<ul style="list-style-type: none"> <li>• Aquatic Life</li> <li>• Primary Contact</li> </ul>	<ul style="list-style-type: none"> <li>• Chloride</li> <li>• Phosphorus (Total)</li> <li>• Fecal coliform</li> </ul>	<ul style="list-style-type: none"> <li>• Municipal point source discharges</li> <li>• Urban runoff/storm sewers</li> </ul>	Fecal Coliform and Chloride TMDL approved 8/26/2013.
Oakton Lake IL_WGG	<ul style="list-style-type: none"> <li>• Aquatic Life<sup>2</sup></li> <li>• Aesthetic Quality<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Total suspended solids</li> <li>• Phosphorus (Total)</li> <li>• Aquatic algae</li> </ul>	<ul style="list-style-type: none"> <li>• Source unknown</li> </ul>	Assessed in 2018, not impaired.
Big Bend Lake IL_RGL	<ul style="list-style-type: none"> <li>• Aesthetic Quality</li> </ul>	<ul style="list-style-type: none"> <li>• Phosphorus (Total)</li> <li>• Aquatic algae</li> </ul>	<ul style="list-style-type: none"> <li>• Internal nutrient recycling</li> <li>• Littoral/shore area modifications</li> <li>• Urban runoff/storm sewers</li> <li>• Runoff from forest/grassland/parkland</li> <li>• Waterfowl</li> </ul>	Phosphorus TMDL approved 8/26/2013.
Belleau Lake IL_RGZR	Currently meeting all use attainments	NA	NA	NA
Lake Opeka IL_RGF	<ul style="list-style-type: none"> <li>• Aesthetic Quality</li> </ul>	<ul style="list-style-type: none"> <li>• Cause unknown</li> </ul>	<ul style="list-style-type: none"> <li>• Source unknown</li> </ul>	Assessed in 2018 and on 2018 303(d) list. TMDL not developed

<sup>1</sup>Does not include receiving waters that were not assessed in 2018 (Shagbark Lake and Peterson Lake).

<sup>2</sup>Insufficient information per the IEPA Specific Assessment Information for Lakes, 2018.

## II. Water Quality Monitoring & Assessment Program

### Monitoring

This Water Quality Monitoring & Assessment Program has been developed for the City of Des Plaines for the purpose of demonstrating compliance with the minimum standards required by the ILR40 permit for discharges from MS4s. The ILR40 permit requires annual monitoring of receiving waters upstream and downstream of MS4 discharges, use of indicators to gauge the effects of storm water discharges on the physical/habitat-related aspects of the receiving waters, and/or monitoring of the effectiveness of the BMPs. Per the ILR40 permit, monitoring of storm water discharges must be performed within 48 hours of a precipitation event greater than or equal to 0.25" in a 24-hour period. The ILR40 permit requires analysis of storm water for the following parameters:

- Total suspended solids
- Total nitrogen
- Total phosphorous
- Fecal coliform
- Chlorides
- Oil and grease
- Polychlorinated biphenyls (Des Plaines River only)
- Mercury (Des Plaines River only)

### Assessment

Illinois' water pollution control program is designed to protect the beneficial uses of water resources. Illinois has set water quality standards (WQS) that protect these beneficial uses, commonly referred to as "designated uses". In Illinois, waters are designated for various uses including aquatic life, wildlife, agricultural use, primary contact (e.g., swimming, water skiing), secondary contact (e.g., boating, fishing), industrial use, drinking water, food-processing water supply, and aesthetic quality. Illinois' WQS provide the basis for assessing whether the beneficial uses of the state's waters are being attained. This Water Quality Monitoring & Assessment Program includes an assessment of the quality of receiving waters based on annual testing.

Annual test results are compared against the water quality standards (WQS) established by the Illinois Pollution Control Program (IPCB). Not all the constituents included in the City's Water Quality Monitoring & Assessment Program have an established limit under the General Use Water Quality Standard and are therefore compared to an industry accepted standard. The Illinois WQS are located in the Illinois Administrative Rules Title 35, Environmental Protection; Subtitle C, Water Pollution; Chapter I, Pollution Control Board; Part 302, Water Quality Standards. The purpose of these standards is to protect existing uses of all waters of the State of Illinois, maintain above standard water quality, and prevent unnecessary deterioration of waters of the State. Table 4 identifies the section of the IPCB standards (or other reference material) used for the purposes of this analysis. This analysis is in no way meant to identify violations of the IPCB Standards.

## III. Test Locations

Water samples are taken at locations upstream and downstream of the City's discharge into receiving waters. Upstream and downstream results are compared to identify areas of concern that are potentially contributing to water pollution in receiving waters. In the City of Des Plaines, ten (10) sites have been chosen for water quality testing at upstream and downstream locations. A location map is included in Appendix A of this report which identifies the testing locations.

### Des Plaines River Upstream

The test site is the upstream testing location for the Des Plaines River. The sample is taken east of the intersection of Quigley Drive and N River Road.

### **Des Plaines River Downstream**

This test site is the downstream testing location for the Des Plaines River. The sample is taken east of the intersection of Esser Court and S River Road.

### **Feehanville Upstream**

This test site is the upstream testing location for Feehanville Ditch. The sample is taken east of the intersection of N Wolf Road and Longford Drive.

### **Feehanville Downstream**

This test site is the downstream testing location for Feehanville Ditch. The sample is taken just west of the railroad tracks, west of Gregory Avenue.

### **Weller Upstream**

This test site is the upstream testing location for Weller Creek. The sample is taken southwest of the intersection of Fletcher Drive and Mount Prospect Road.

### **Weller Downstream**

This test site is the downstream testing location for Feehanville Ditch. The sample is taken northeast of the intersection of Miner Street and S River Road

### **Higgins Upstream**

This test site is the upstream testing location for Higgins Creek. The sample is taken from Hamilton Road.

### **Higgins Downstream**

This test site is the downstream testing location for Higgins Creek. The sample is taken west of the intersection of Touhy Avenue and S Mount Prospect Road.

### **Farmer-Prairie Upstream**

This test site is the upstream testing location for Farmer-Prairie Creek. The sample is taken at the intersection of S Lyman Avenue and E Prairie Avenue.

### **Farmer-Prairie Downstream**

This test site is the downstream testing location for Farmer-Prairie Creek. The sample is taken from Camp Ground Road, north of Algonquin Road.

## **IV. Testing Parameters**

Water samples are collected at each location once per year (within 48 hours of a 0.25" rain event). Each sample is sent to a lab and analyzed for the following parameters: total suspended solids; total nitrogen; total phosphorous; fecal coliform; chlorides; and fats, oils, and grease.

While not specifically required by the ILR40 permit, the following on-site measurements are completed based on common practice for evaluating general water quality: temperature, dissolved oxygen, total dissolved solids, conductivity, turbidity, and pH.

In addition to the parameters listed above, the City tested the Des Plaines River for polychlorinated biphenyls and mercury as those were determined to be potential causes of impairment in the IEPA's 2018 Integrated Water Quality Report and Section 303(d).

Sampling is conducted in accordance with EPA standard protocols. Parameters are analyzed according to Standard Methods, 17th and 18th Editions, and USEPA methods.

**Table 4 Accepted Limits for Water Quality Parameters**

Water Quality Parameters	Illinois Water Pollution Control Board WQS <sup>1</sup>	IPCB Standards or Accepted Limits
Total Suspended Solids	304 Effluent Standards	15.0-30.0 mg/L
Total Nitrogen	United States Environmental Protection Agency Volunteer Stream Manual	<6.0 mg/L
Total Phosphorus	302.205	0.05 mg/L
Fecal Coliform	Illinois Administrative Code. Title 35: Environmental Protection; Subtitle C: Water Pollution; Chapter I: Pollution Control Board; Part 302 Water Quality Standards Section 302.209	200 cfu/100 ml geometric mean based on a minimum of 5 samples taken over any 30-day period;  400 cfu/100 ml maximum not to be exceeded in more than 10% of samples taken during any 30-day period.
Chlorides	302.304	500.0 mg/L
Fats, Oils, and Grease	Federation of Sewage Works Associations (now known as the Water Environment Federation [WEF]) published a Manual of Practice (MOP) (1949)	100 mg/L
Polychlorinated Biphenyls	Illinois Administrative Code. Title 35: Environmental Protection; Subtitle C: Water Pollution; Chapter I: Pollution Control Board; Part 302 Water Quality Standards Section 302.501	2.60 mg/L (human health standards)
Mercury	Illinois Administrative Code. Title 35: Environmental Protection; Subtitle C: Water Pollution; Chapter I: Pollution Control Board; Part 302 Water Quality Standards Section 302.208	0.0022 mg/L (acute standard)
<b>On-Site Testing</b>		
Temperature (°F)	302.211	December – March 60.0°F Max April – February 90.0°F Max
Dissolved Oxygen	302.206	March - July at least 5.0 mg/L August – February at least 3.5 mg/L
Total Dissolved Solids	302.304	1,000 ppm
Conductivity	USEPA Volunteer Stream Monitoring Manual	50.0 – 1500.00 µs/cm
Turbidity	D.H. Franklin, J.L. Steiiner and G.Wheeler (2001)	<50 NTU
pH	302.304	6.5 – 9.0

<sup>1</sup>Title 35 Part 302 Water Quality Standards unless otherwise noted.

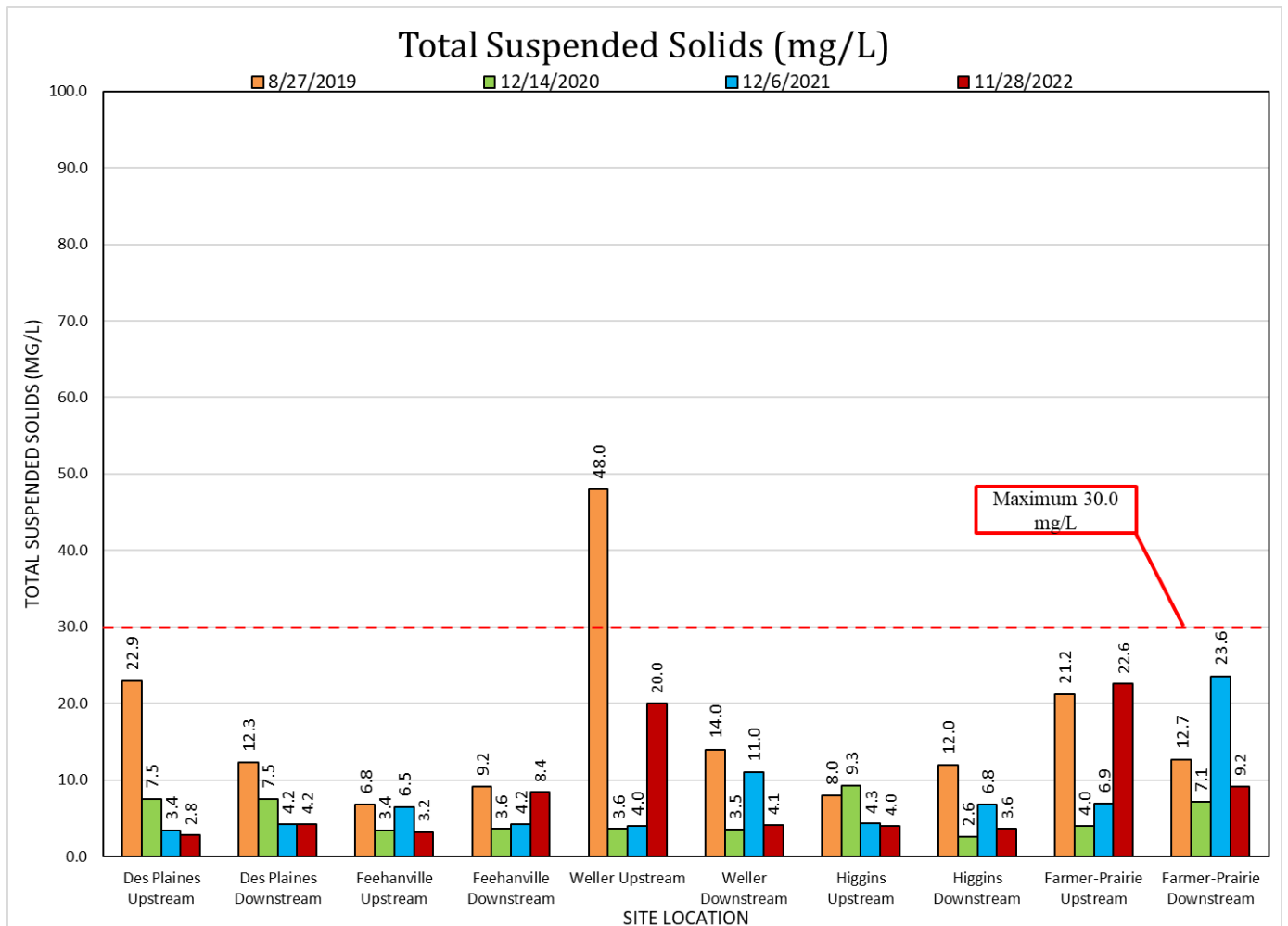
## V. Results

On November 28, 2022, Aquatic Ecosystems Management collected water samples at ten (10) designated locations. The sampling was collected within forty-eight-hours of a rain event greater than 0.25". The total rainfall was equal to 0.83". The following is a summary of each water quality parameter tested and the results.

### Total Suspended Solids

Total suspended solids (TSS) are particulate solid materials (organic and inorganic) that have relatively low density and are too small to settle. Usually TSS includes silt, mud, and industrial wastes. As TSS increases, turbidity increases (meaning the transparency of the water decreases). High concentrations of TSS can lower water quality by absorbing light which raises the temperature of the water thereby decreasing levels of dissolved oxygen. The combination of warmer water, less light, and less oxygen makes it difficult for some forms of life to exist. The IEPA has determined that Oakton Lake is impaired for phosphorus (IEPA Assessment, 2018).

The established limit for TSS is 15.0 - 30.0 mg/L. Results of the TSS testing conducted from 2019-2022 are provided in the graph below. In 2022, none of the test results exceeded the 15 - 30 mg/L threshold.

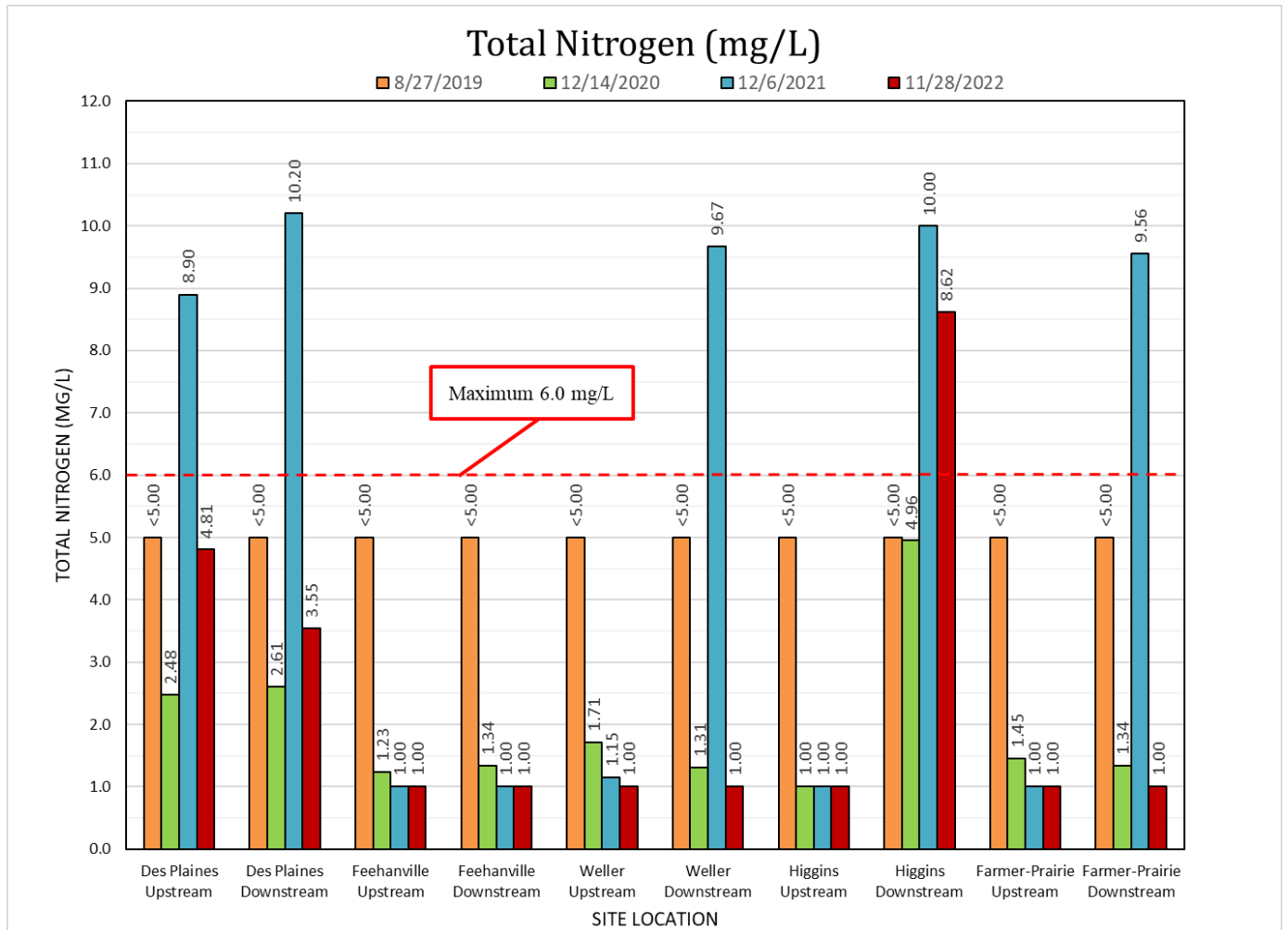




## Total Nitrogen

Total nitrogen is an essential nutrient for plants and animals. However, an excess amount of nitrogen in a waterway may lead to low levels of dissolved oxygen and negatively alter various plant life and organisms. Sources of nitrogen include wastewater treatment plants, runoff from fertilized lawns, runoff from animal manure and storage areas, and industrial discharges that contain corrosion inhibitors. None of the receiving waters within the city are designated as impaired for nitrogen.

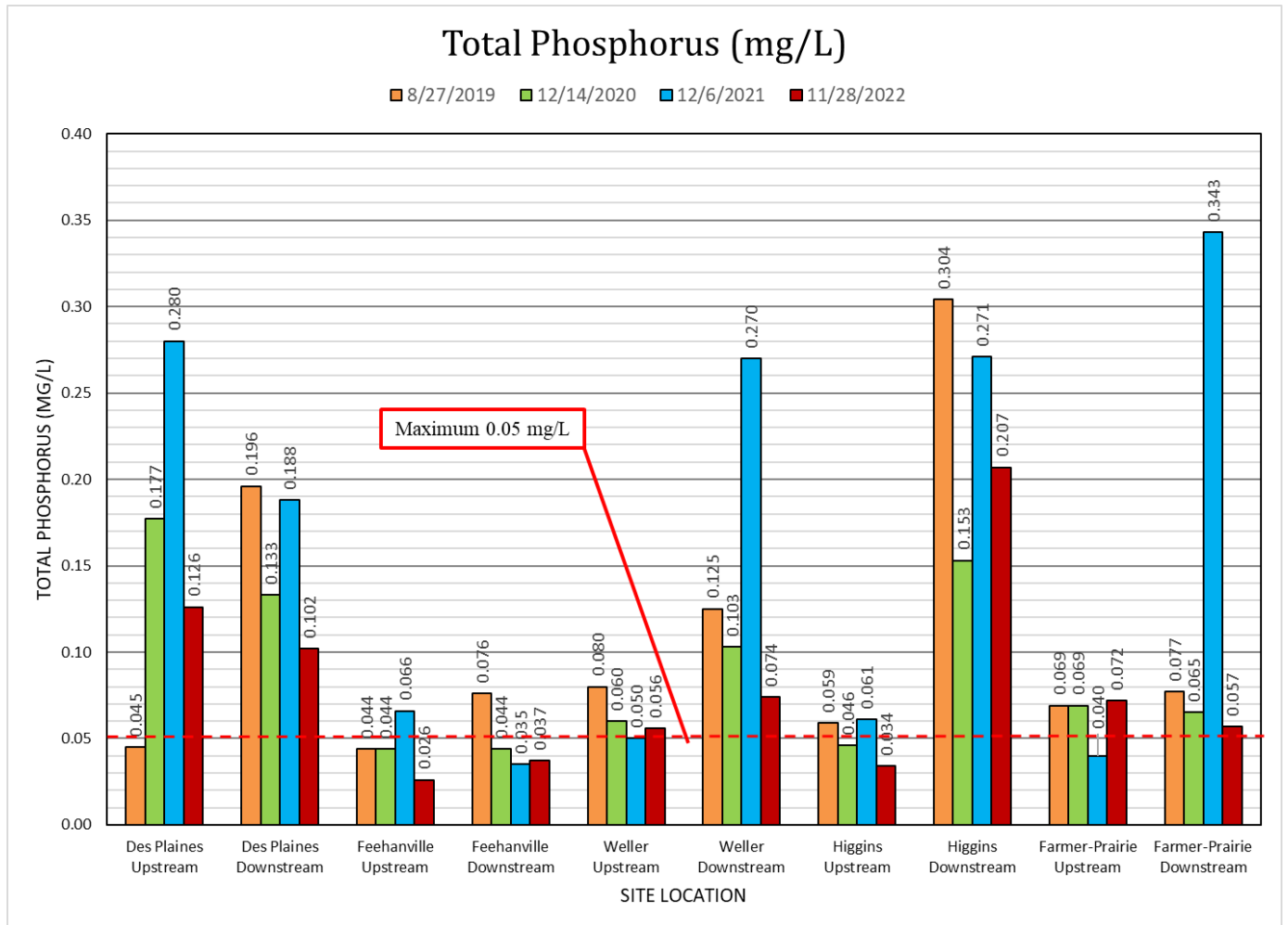
An acceptable range of total nitrogen is 2 mg/L – 6 mg/L. Results of the total nitrogen testing conducted from 2019-2022 are provided in the graph below. In 2022, one of the test locations exceeded the 6 mg/L threshold.



## Total Phosphorus

Total phosphorus is one of the key elements necessary for animal and plant growth. Phosphorus stimulates the growth of algae and aquatic plants that provide food for fish. This may cause an increase in the fish population. However, excess phosphorus may cause disproportionate growth in algae and aquatic plants, choking waterways and using up large amounts of oxygen. Rainfall causes varying amounts of phosphorus (from fertilized lawns) to wash away from urban areas into local waterways in the form of runoff. The IEPA has determined that Willow Creek, Higgins Creek, Oakton Lake, and Big Bend Lake are impaired for phosphorus (IEPA Assessment, 2018).

The established limit for total phosphorous is 0.05 mg/L for any reservoir or lake with a surface area of  $\geq 20.0$  acres, or in any stream at the point where it enters any such reservoir or lake. Results of the phosphorus testing conducted from 2019-2022 are provided in the graph below. In 2022, all but three sites exceeded the 0.05 mg/L threshold. It should be noted that this threshold is used for streams as a guideline only as it is relevant to reservoirs and lakes.

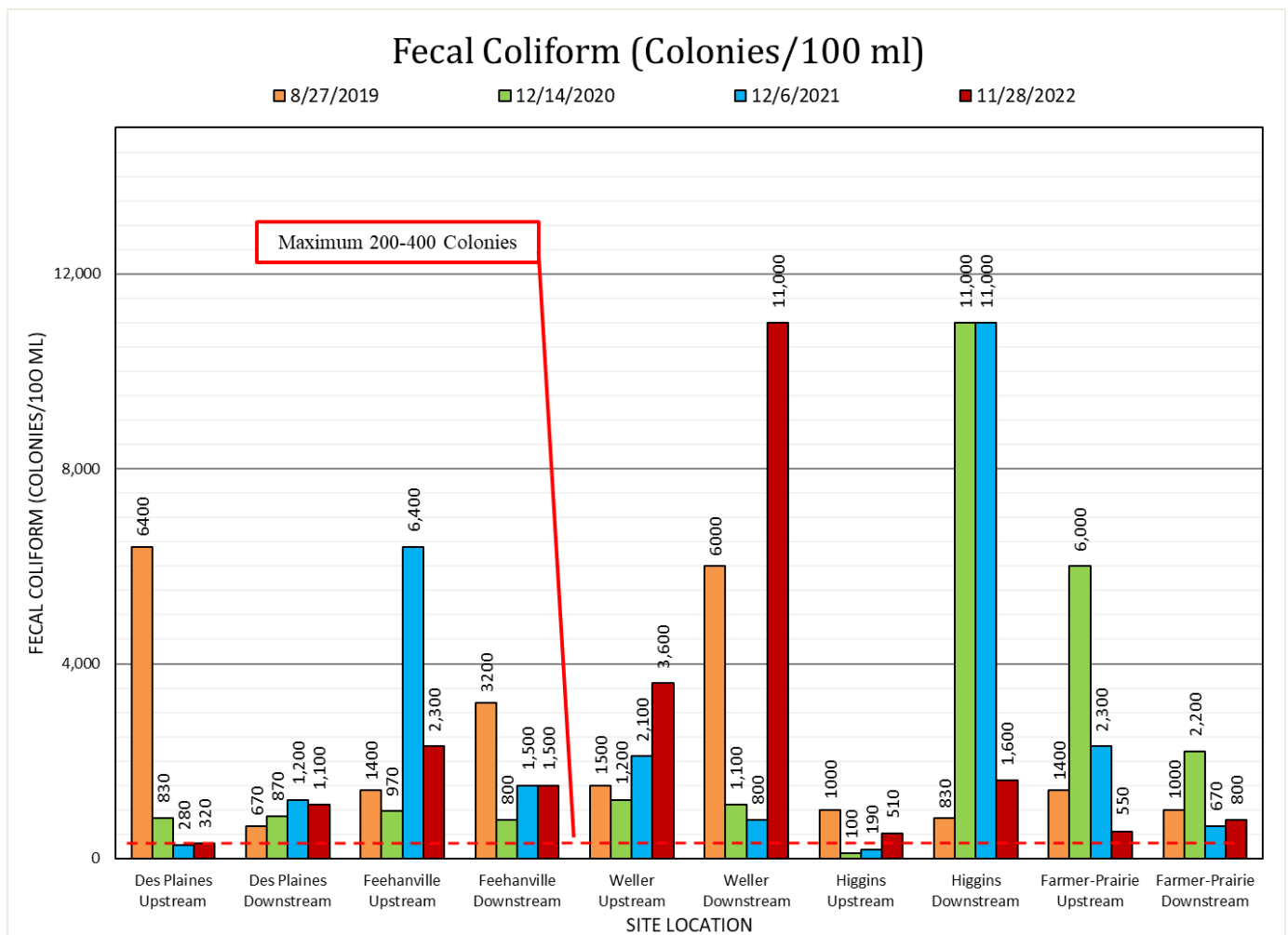


## Fecal Coliform

*E. coli* is an anaerobic bacterium that grows in the intestinal track of animals. Its presence is an indication of fecal contamination and other disease-causing organisms, which are more difficult to identify and quantify. The accepted limits for fecal coliform in Illinois are expressed in colony forming units (cfus) per 100 milliliters of water. Fully Supporting Use or “Good Water Quality” for designated beneficial uses, such as recreation or primary contact, is observed when the following limits are not exceeded:

- 200 cfu/100 ml geometric mean based on a minimum of 5 samples taken over any 30-day period;
- 400 cfu/100 ml maximum not to be exceeded in more than 10% of samples taken during any 30-day period.

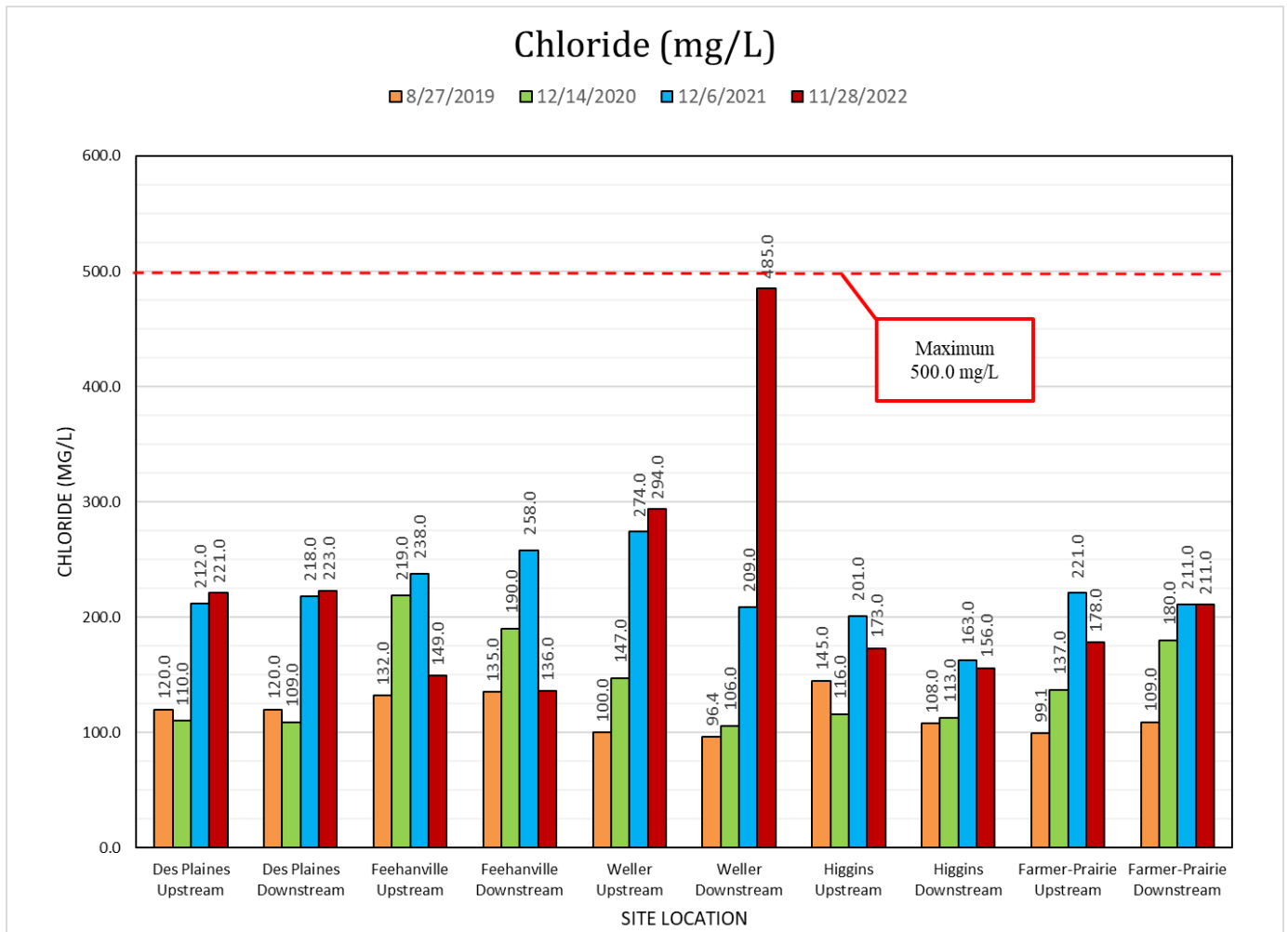
The IEPA has determined that the Des Plaines River and Higgins Creek are impaired for fecal coliform (IEPA Assessment, 2018). Results of the fecal coliform testing conducted from 2019-2022 are provided in the graph below. In 2022, all sites exceeded the 200 cfu/100 ml threshold. The City of Des Plaines should consider evaluating if any activities occurring between the upstream and downstream testing locations may be causing an elevated reading.



## Chlorides

Chloride is essential to life in small doses. Chloride may enter the water system from rocks containing chlorides, agricultural runoff, industrial wastewater, oil well wastes, wastewater treatment plant effluents, and road salts. When chloride builds up in large quantities, it can have negative impacts on the survival of aquatic life. The IEPA has determined that the Des Plaines River and Higgins Creek are impaired for chloride (IEPA Assessment, 2018).

The established limit for chloride is 500.0 mg/L. Results of the chloride testing conducted from 2019-2022 are provided in the graph below. In 2022, none of the test results exceed the 500.0 mg/L standard. It should be noted the downstream Weller location more than doubled from 2021.

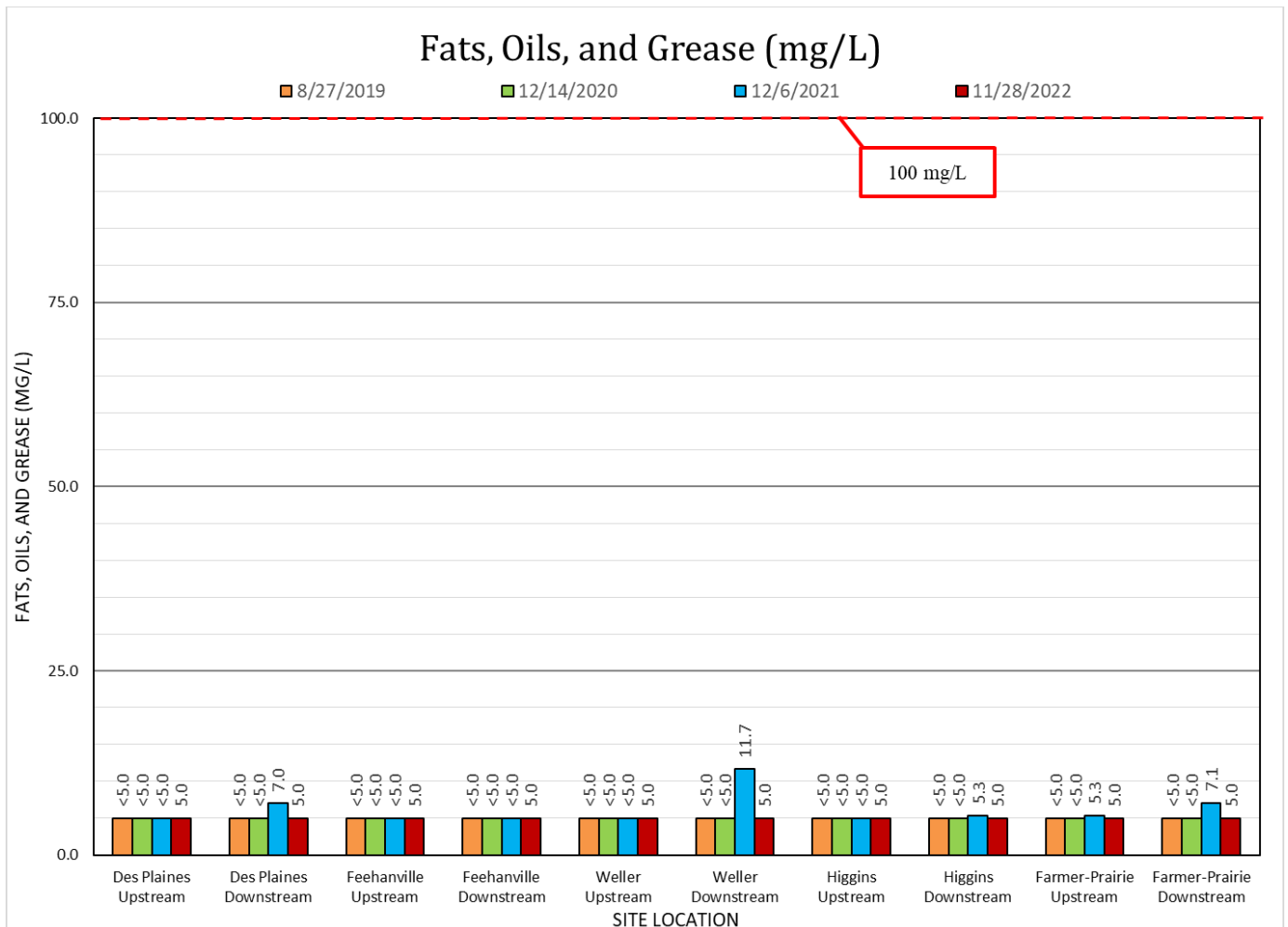


## Fats, Oils, and Grease

Oil and grease are found in wastewater and storm water either as an emulsion or as free-floating agglomerates. Chemicals, such as detergents and solvents, and mechanical agitation can cause oil and grease to become emulsified. According to the Water Environment Federation’s Pretreatment of Industrial Wastes, Manual of Practice FD-3, “Grease is a general classification for grouping such materials as fats, oils, waxes, and soaps according to their effect on wastewater collection and treatment systems or their physical (semisolid) forms.” For the purpose of this document, the acronym “FOG” will be used as a general term for fats, oils, and grease.

By its very nature, grease will adhere to many types of surfaces, with sewers especially vulnerable to grease build-up. Over a period of time, clumps of grease will build up to the point that the sewer is completely choked. Grease also accumulates due to cooling and dilution of surfactants. None of the receiving waters within the City are designated as impaired for fats, oils, and grease.

The most commonly used numerical limit for FOG is 100 mg/L. This limit does not appear to be based upon any empirical evidence but rather on general correlations and an industry consensus that this level limits the build-up of FOG in the collection system. Results of the FOG testing conducted from 2019-2022 are provided in the graph below. In 2022, none of the sites exceeded the 100 mg/L threshold.

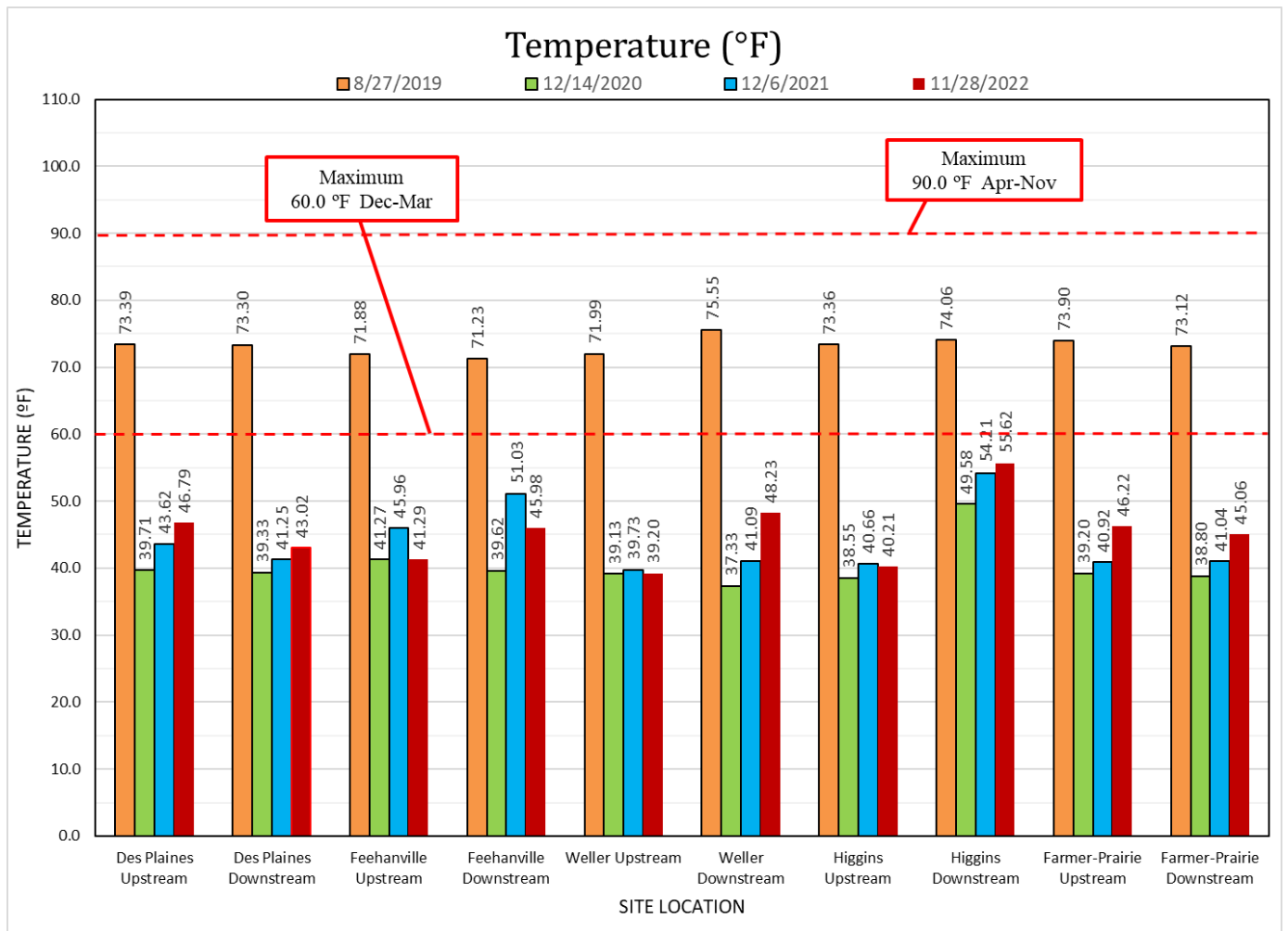


## Temperature

The rates of biological and chemical processes depend on temperature. Organisms are dependent on certain temperature ranges for their optimal health. Optimal temperatures for fish depend on the species: some survive better in colder water, whereas others prefer warmer water. Benthic macroinvertebrates are also sensitive to temperature and will relocate to find their optimal temperature. If temperatures are outside this optimal range for a prolonged period, organisms become stressed and can die.

Temperature also affects the oxygen content of the water (oxygen levels become lower as temperature increases), the rate of photosynthesis by aquatic plants, the metabolic rates of aquatic organisms, and the sensitivity of organisms to toxic wastes, parasites, and diseases. Causes of temperature change include weather, removal of shading streambank vegetation, impoundments, discharge of cooling water, and urban storm water inflows to the stream. None of the receiving waters within the City are designated as impaired for temperature.

The established limit for temperature is a maximum of 60° F from December through March and 90° F from April through November. Temperature readings from 2019-2022 are provided in the graph below. In 2022, all locations were within the normal temperature range.

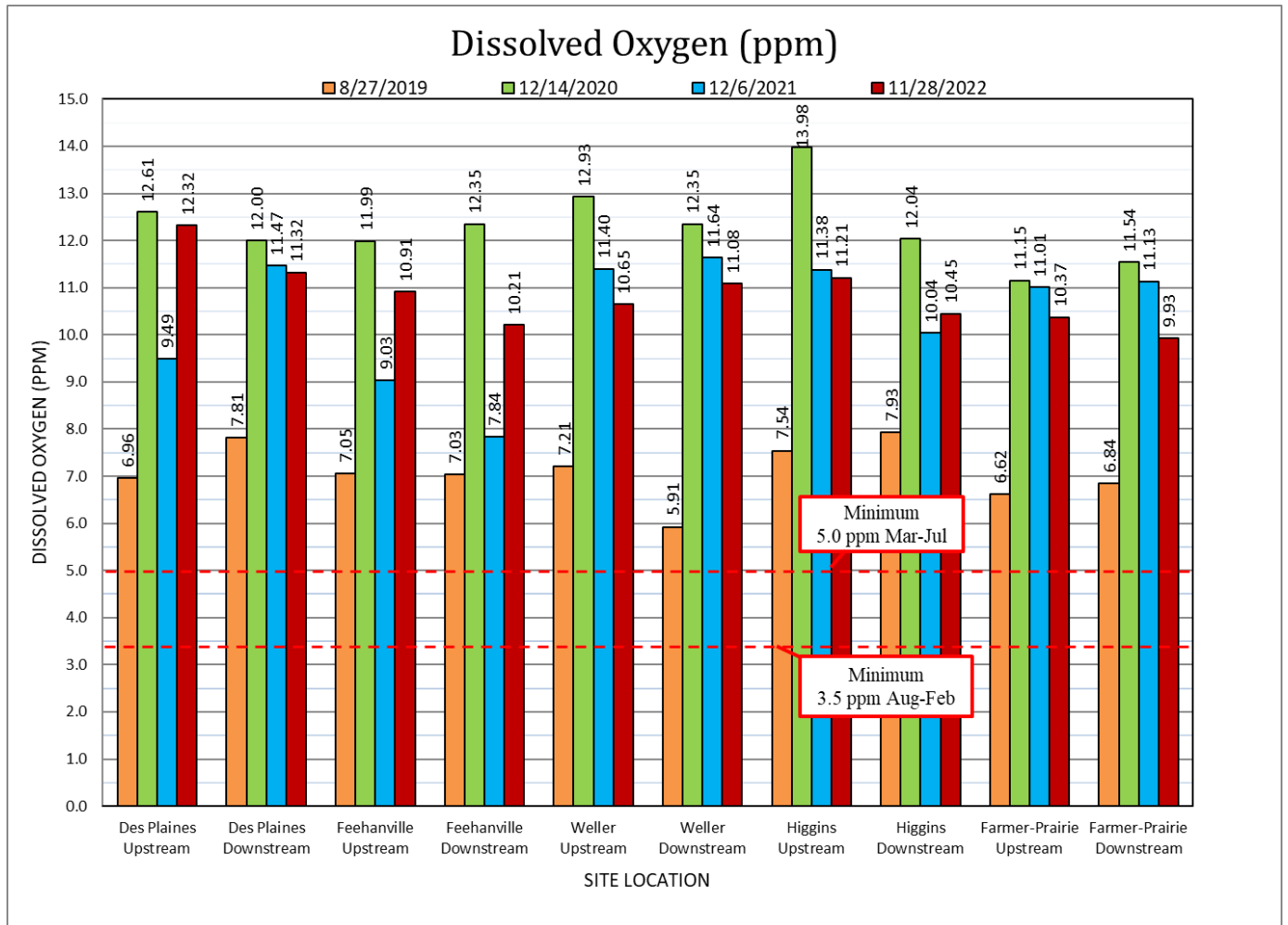


## Dissolved Oxygen

One of the most important measures of the health of a stream is the amount of available dissolved oxygen (DO) in the water. Oxygen gas dissolves in water through the mixing of the water surface with the atmosphere. Oxygen is vital to fish and other animals for respiration. If the levels of DO fall too low, many species of fish, macroinvertebrates, and plants cannot survive.

The level of DO in the water is inversely related to water temperature. The lower the temperature, the more oxygen can dissolve in the water. Aquatic animals are most vulnerable to lowered DO levels in the early morning on hot summer days when stream flows are low, water temperatures are high, and aquatic plants have not been producing oxygen since sunset. The IEPA determined that the Des Plaines River is impaired for DO (IEPA Assessment, 2018).

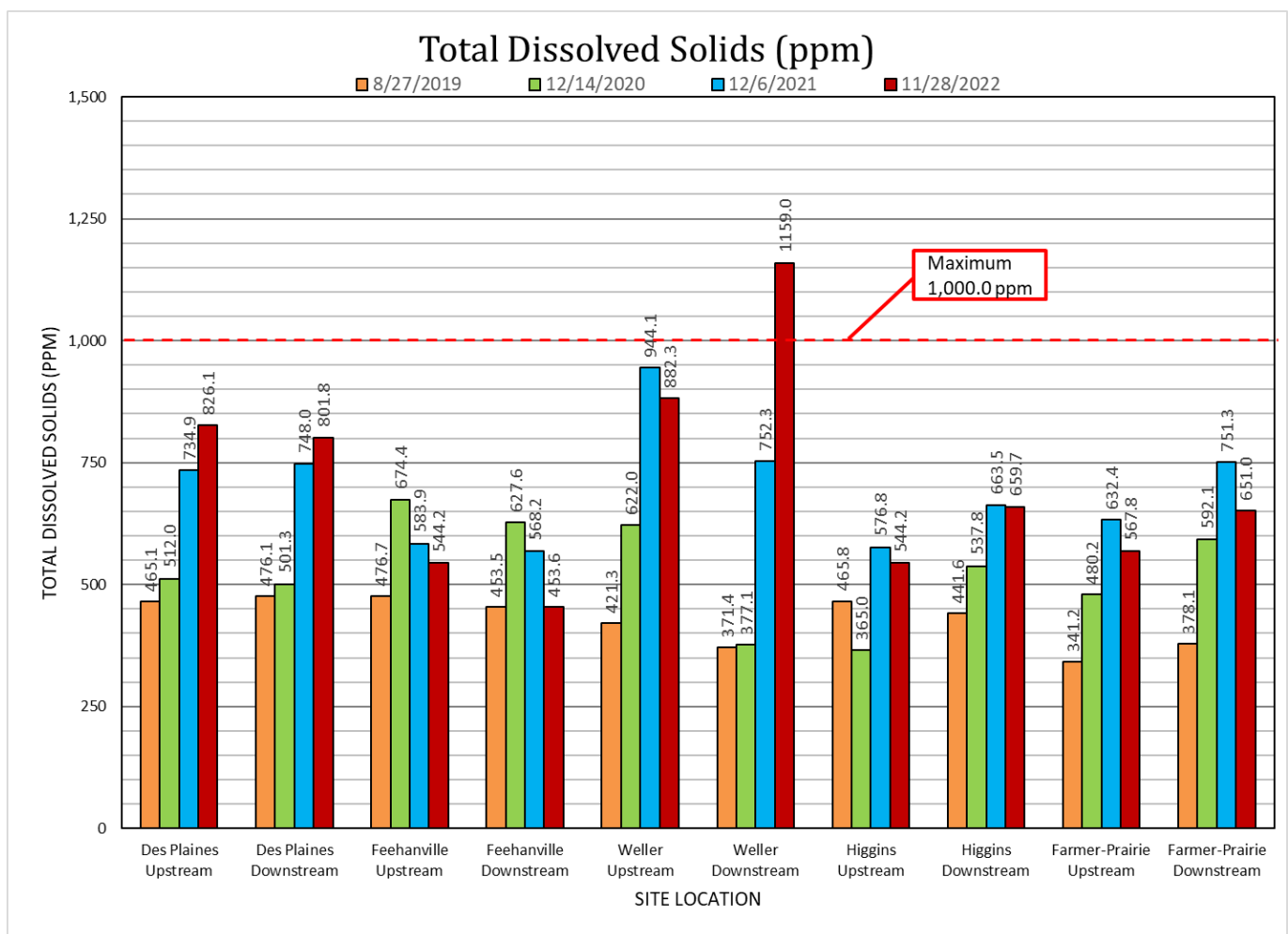
The established minimum for DO level is 5.0 parts per million (ppm) between March and July and 3.5 ppm between August and February. Results of the DO testing conducted from 2019-2022 are provided in the graph below. In 2022, all test results met the minimum levels.



## Total Dissolved Solids

Total dissolved solids (TDS) are comprised of inorganic salts (principally calcium, magnesium, potassium, sodium, bicarbonates, chlorides, and sulfates) and some small amounts of organic matter that are dissolved in water. While not a health hazard, elevated TDS levels decrease the aesthetic quality of water and can cause the water to become corrosive. Additionally, elevated TDS concentrations in water can cause a salty or brackish taste, interference and decreased efficiency of hot water heaters, and lime-scale formation. Elevated TDS concentrations indicate elevated levels of ions that are above the Primary or Secondary Drinking Water Standards. None of the receiving waters within the City are designated as impaired for TDS.

The established limit for TDS is 1000.0 ppm. Results of the TDS testing conducted from 2019-2022 are provided in the graph below. In 2022, one location was noted to exceed the maximum TDS 1000.0 ppm threshold.



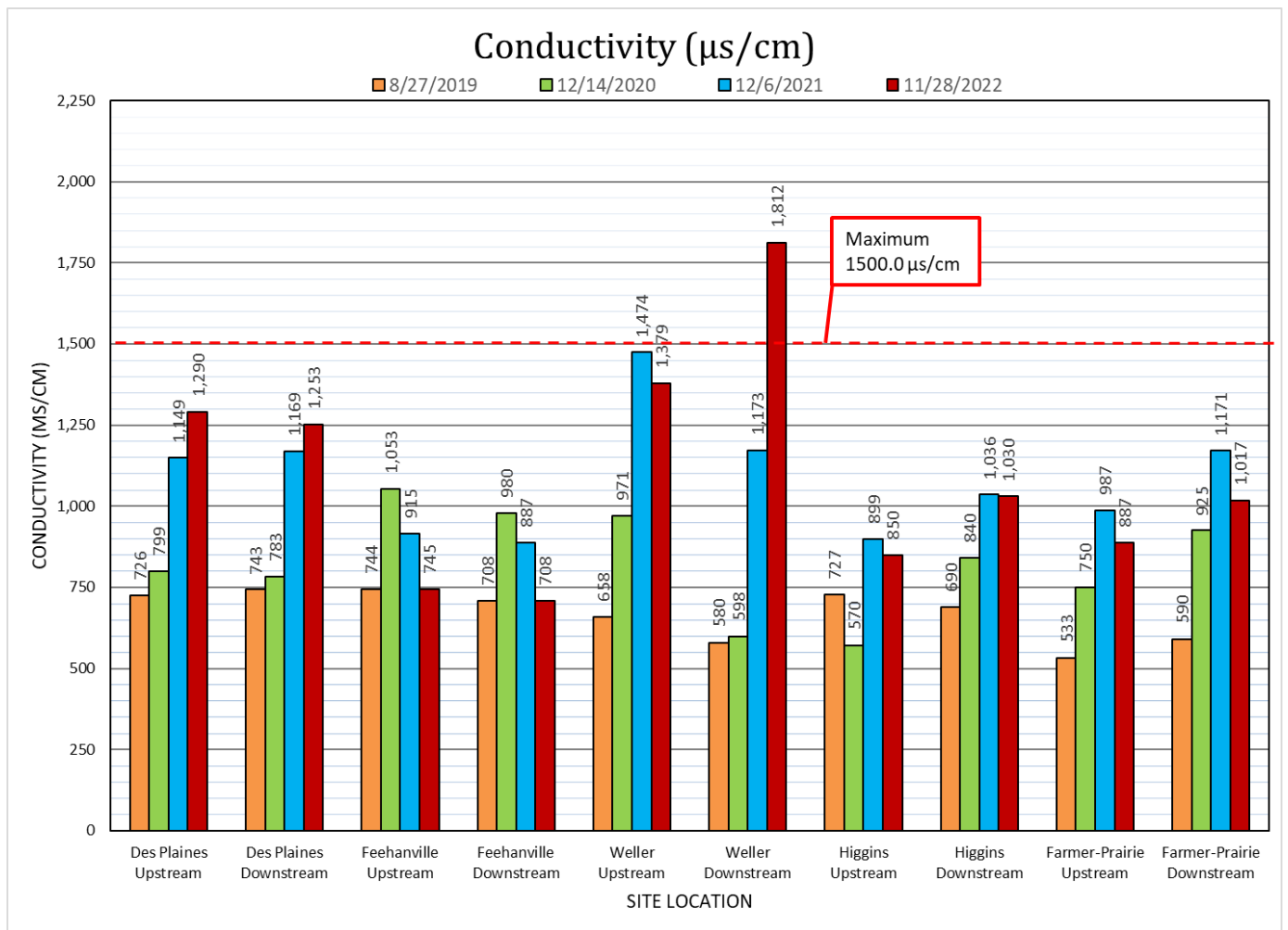


## Conductivity

Conductivity is the measure of water’s ability to carry an electrical current. Conductivity in waterbodies is affected by the presence of inorganic dissolved solids such as chloride, nitrate, sulfate, sodium, magnesium, calcium, iron, and aluminum cations (ions that carry a positive charge). Organic compounds like oil, phenol, alcohol, and sugar do not conduct electrical current very well and therefore have a low conductivity level in water. Conductivity is also affected by temperature: the warmer the water, the higher the conductivity.

Discharges to streams can change the conductivity depending on their composition. For example, a failing sewage system would raise conductivity due to the presence of chloride, phosphate, and nitrate, while an oil spill would lower conductivity. None of the receiving waters within the City are designated as impaired for conductivity.

The established range for conductivity is 50-1,500  $\mu\text{s}/\text{cm}$ . Results of the conductivity testing from 2019-2022 are provided in the graph below. In 2022, one location of all testing sites was noted to exceed the 1,500  $\mu\text{s}/\text{cm}$  threshold for conductivity.

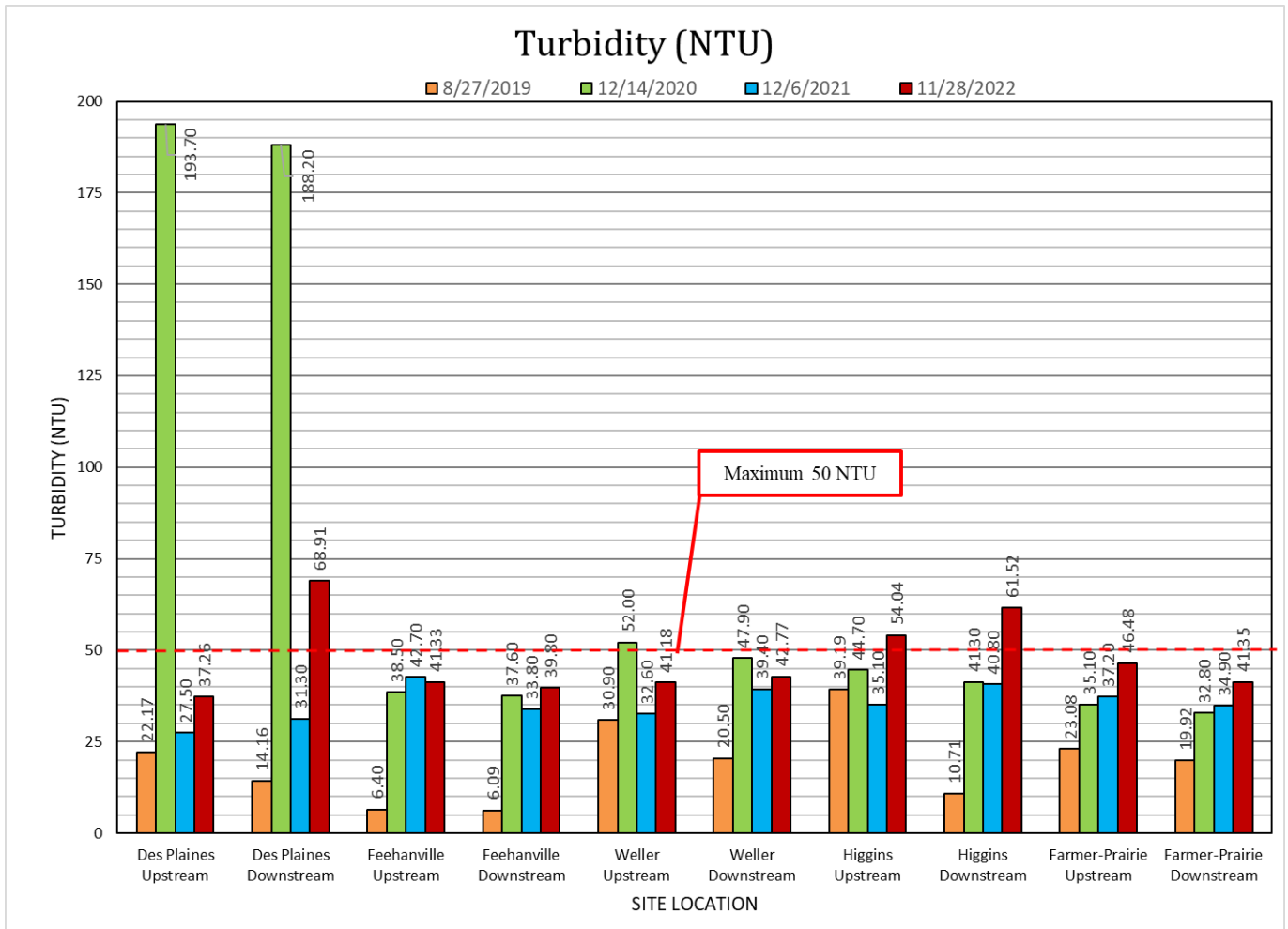


## Turbidity

Turbidity is the measure of the relative clarity of a liquid. Material that causes water to be turbid includes clay, silt, finely divided inorganic and organic matter, algae, soluble colored organic compounds, and other microscopic organisms.

High concentrations of particulate matter affect light penetration and productivity, recreational values, and habitat quality. In streams, increased sedimentation and siltation can occur, which can result in harm to habitat areas for fish and other aquatic life. Particles also provide attachment places for other pollutants (e.g. metals and bacteria). For this reason, turbidity readings can be used as an indicator of potential pollution in a water body. None of the receiving waters within the City are designated as impaired for turbidity.

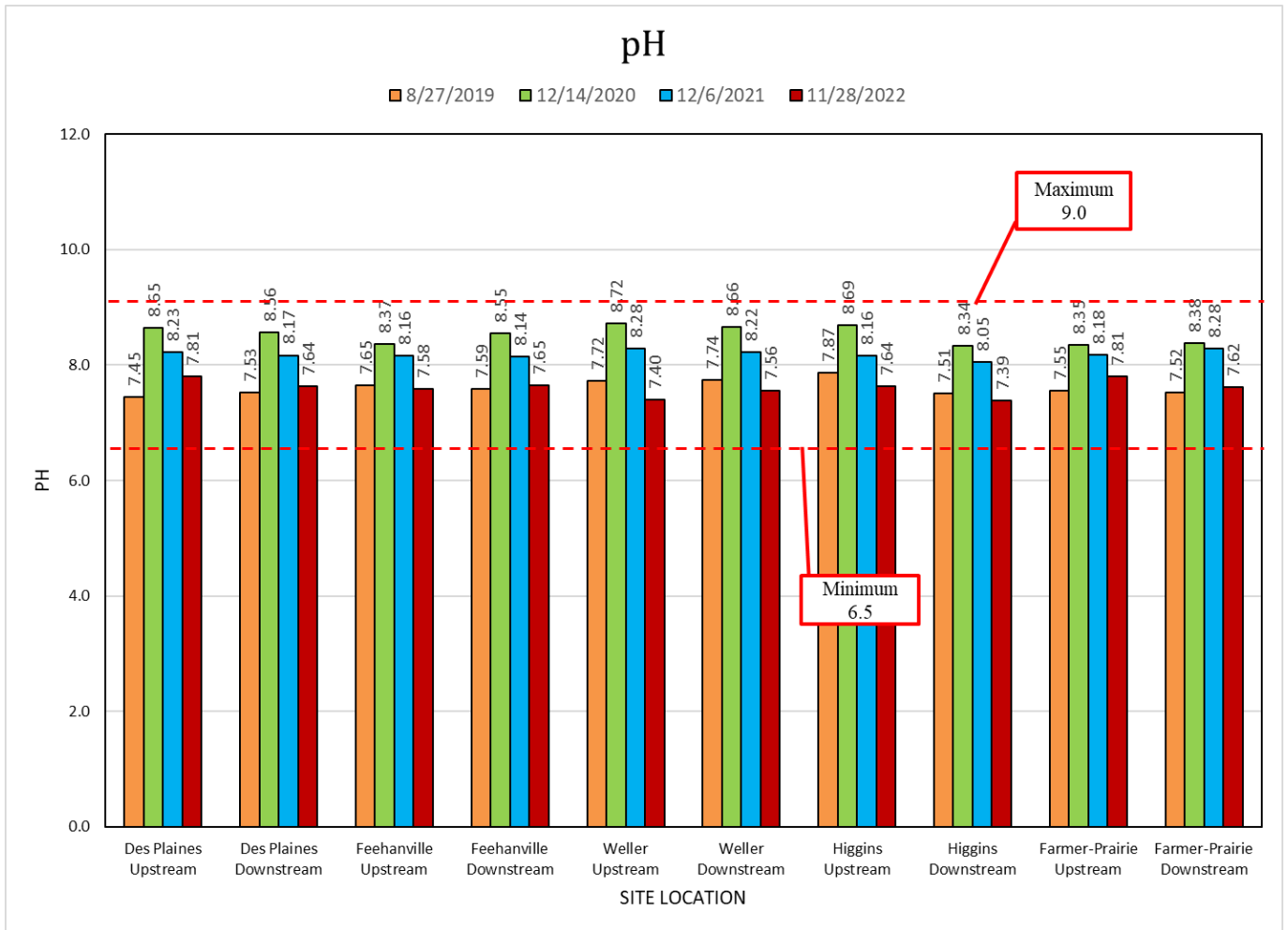
While there is no water quality standard in Illinois for turbidity, other states have ambient water quality standards ranging from 10 NTU to 50 NTU. Therefore, a value of 50 NTU is established for turbidity in this analysis. Results of the turbidity testing conducted from 2019-2022 are provided in the graph below. In 2022, all but three of the test locations were below the 50 NTU threshold.



pH

Most discharge flow types are neutral, having a pH value of approximately 7.0, (although groundwater concentrations can be somewhat variable). pH is a reasonably good indicator for liquid wastes from industries, which can have very high or low pH (ranging from 3.0 to 12.0). The pH of residential wash water tends to be basic (pH of 8.0 or 9.0). Although pH data is often not conclusive by itself, it can identify problem areas that merit follow-up investigations using more effective indicators. None of the receiving waters within the City are designated as impaired for pH.

The established range for pH is 6.5-9.0. pH readings from 2019-2022 are provided in the graph below. In 2022, all results are within the established range.



## VI. Summary

None of the results from 2022 were significant enough to require additional testing. The City of Des Plaines should continue to compare the test results each year to determine if the BMPs performed by the City are improving water quality in the receiving waters within the City of Des Plaines.

Water samples were collected from the Des Plaines River and four separate creeks as they enter and flow through the City of Des Plaines. There are five locations that were sampled, one sample each was collected near the inflow and the outflow from the City. A brief comparison of changes in water quality between 2021 and 2022 are noted below.

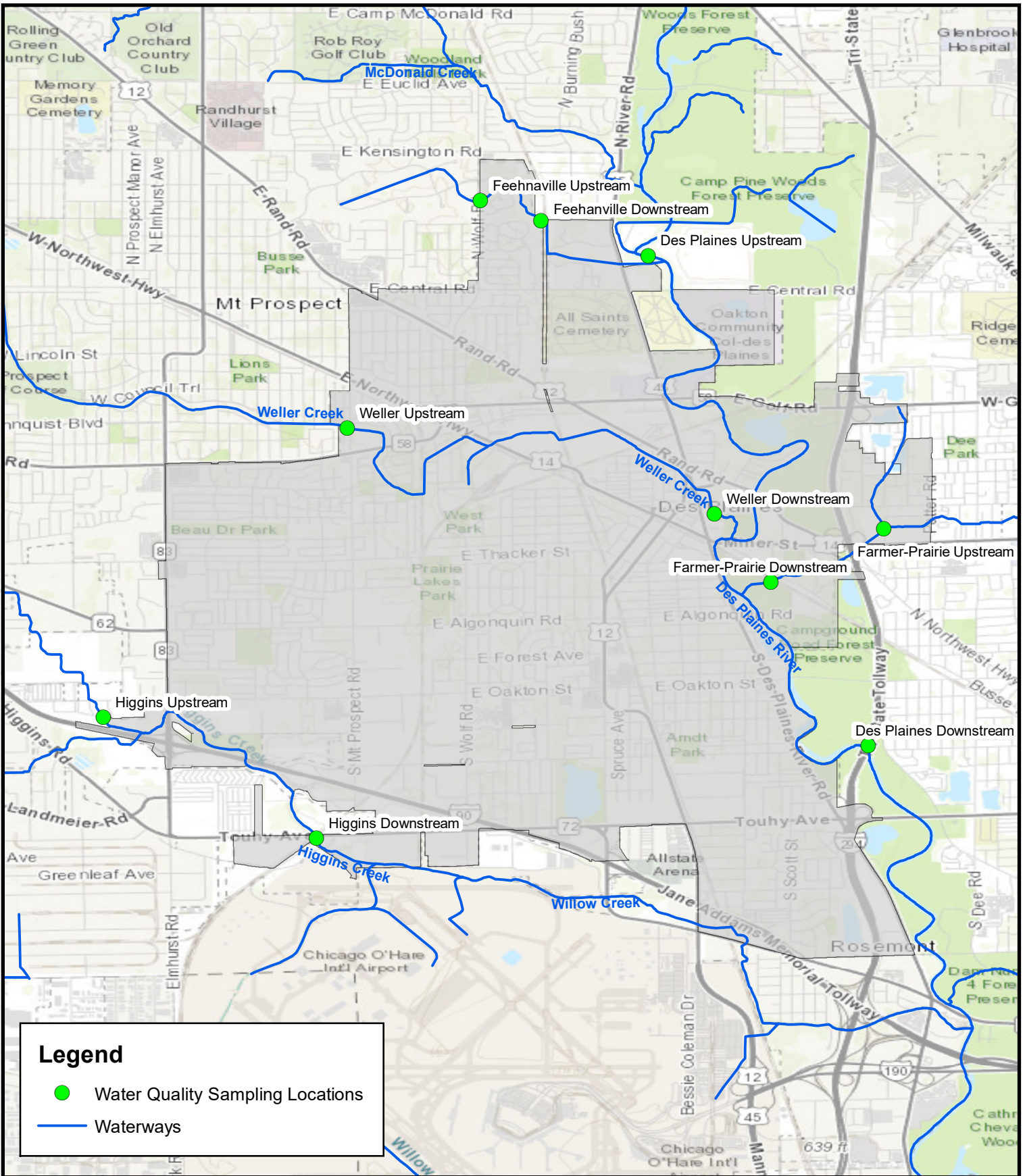
The overall water quality conditions on the five sites (ten total locations – upstream and downstream) did not change drastically from 2021 to 2022. The significant differences were observed for total nitrogen, total phosphorus, fecal coliform, and total dissolved solids.

Almost all testing locations reduced total phosphorus and nitrogen levels by nearly half from 2021. Total Dissolved Solids and fecal coliform both dramatically increased at the downstream Weller testing location. All but one location has reduced to an allowable level for total dissolved solids, conductivity, and nitrogen. Nine out of ten locations increased in turbidity from 2021 and two locations have exceeded the allowable limits. Chloride levels have continued to stay consistent to previous years with the exception of the Weller downstream location which more than doubled from 2021. Fats, oils, and grease levels reduced at five locations from 2021, all continue to be within an acceptable monitoring level. The City of Des Plaines should consider evaluating if activities occurring between the upstream and downstream testing locations may be causing fluctuations in readings.

# Appendix A

## Location Map





**Legend**

- Water Quality Sampling Locations
- Waterways



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com



NORTH



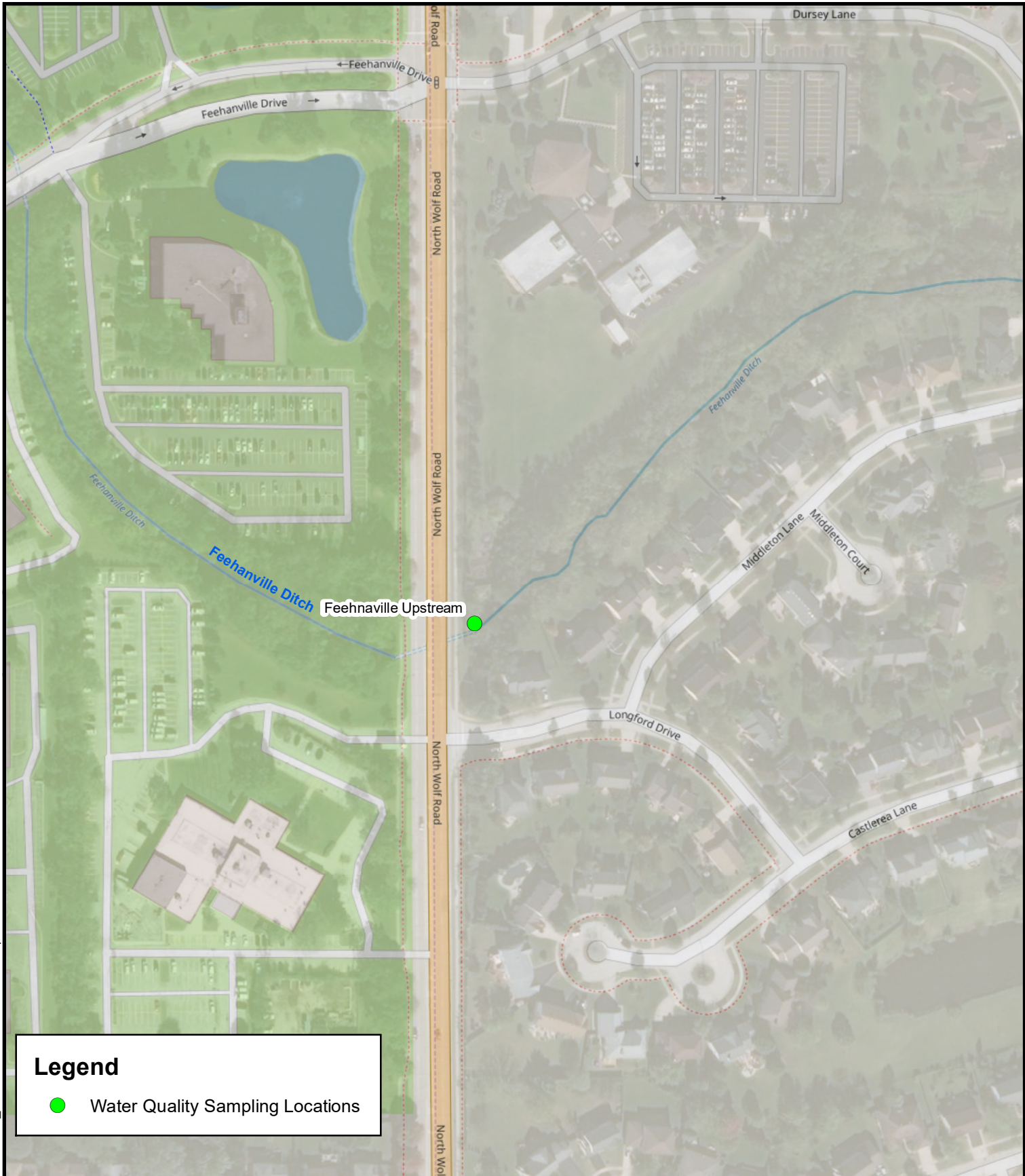
1 in = 5,000 ft

Date: 11/19/18

**WATER QUALITY TESTING LOCATIONS  
 CITY OF DES PLAINES  
 COOK COUNTY, IL**

Proj: 000.0DSDS3.01

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### Legend

● Water Quality Sampling Locations



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com



NORTH

Not to Scale

**MAP 1**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Date: 04/24/2017

Proj: 000.DSDS01.03



**Legend**

- Water Quality Sampling Locations



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
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Not to Scale

Date: 02/28/2018

**MAP 2**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03



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**Legend**

- Water Quality Sampling Locations



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com

**NORTH**  
Not to Scale

Date: 04/24/2017

**MAP 3**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

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**Legend**

- Water Quality Sampling Locations



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com

  
 NORTH  
 Not to Scale

Date: 04/24/2017

**MAP 4**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

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**Legend**

- Water Quality Sampling Locations



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ph: 847-634-5550 manhard.com



**NORTH**  
Not to Scale

Date: 04/24/2017

**MAP 5**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

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**Legend**

- Water Quality Sampling Locations



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NORTH  
Not to Scale

Date: 04/24/2017

**MAP 6**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

L:\GIS\Illinois\Municipality\Des Plaines\0\_WQ\Locations Des Plaines Map 7.mxd



**Legend**

- Water Quality Sampling Locations



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com



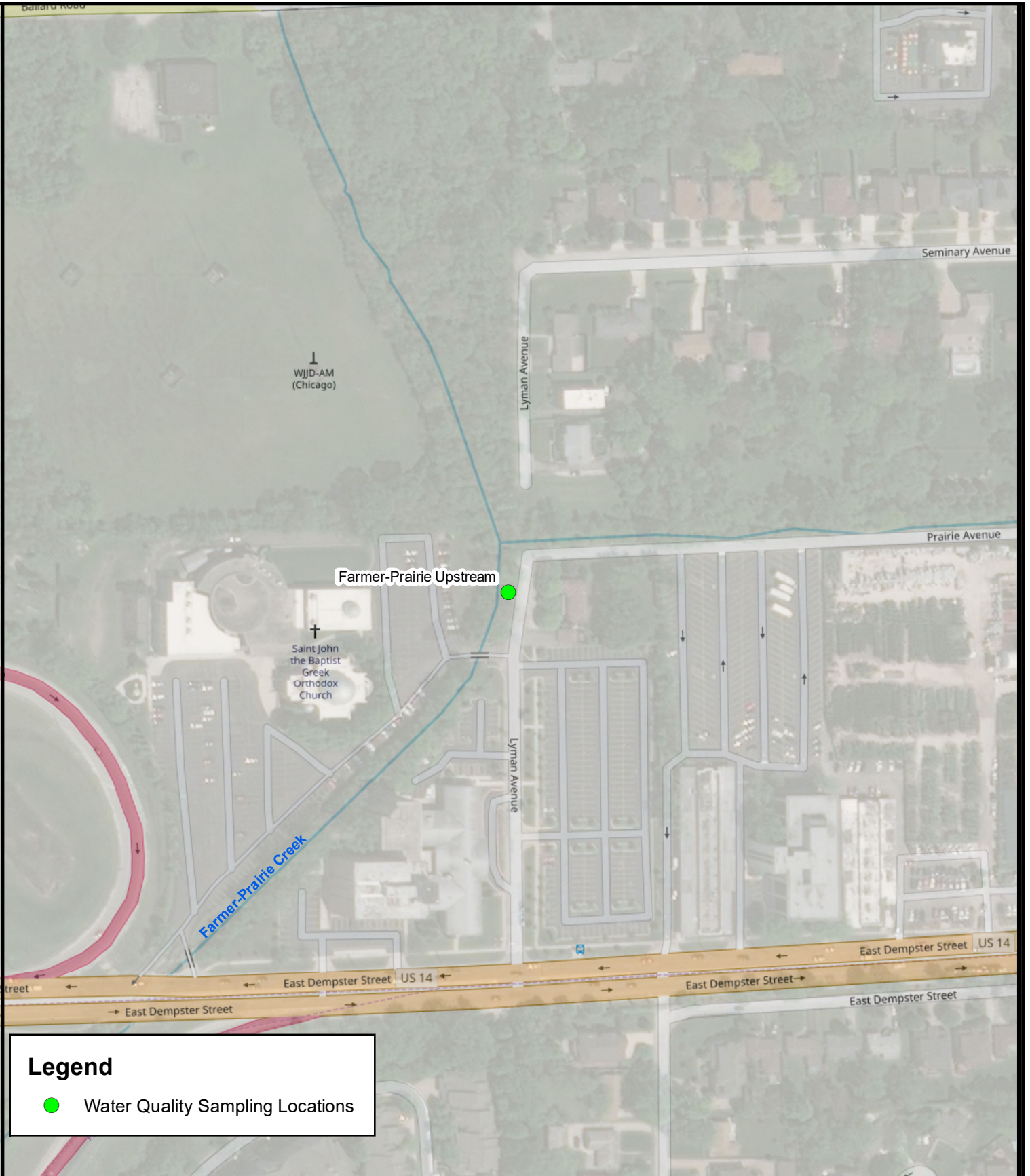
Not to Scale

Date: 04/24/2017

**MAP 7**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

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**Legend**

- Water Quality Sampling Locations



**Manhard**  
CONSULTING

900 Woodlands Parkway, Vernon Hills, Illinois 60061  
ph: 847-634-5550 manhard.com



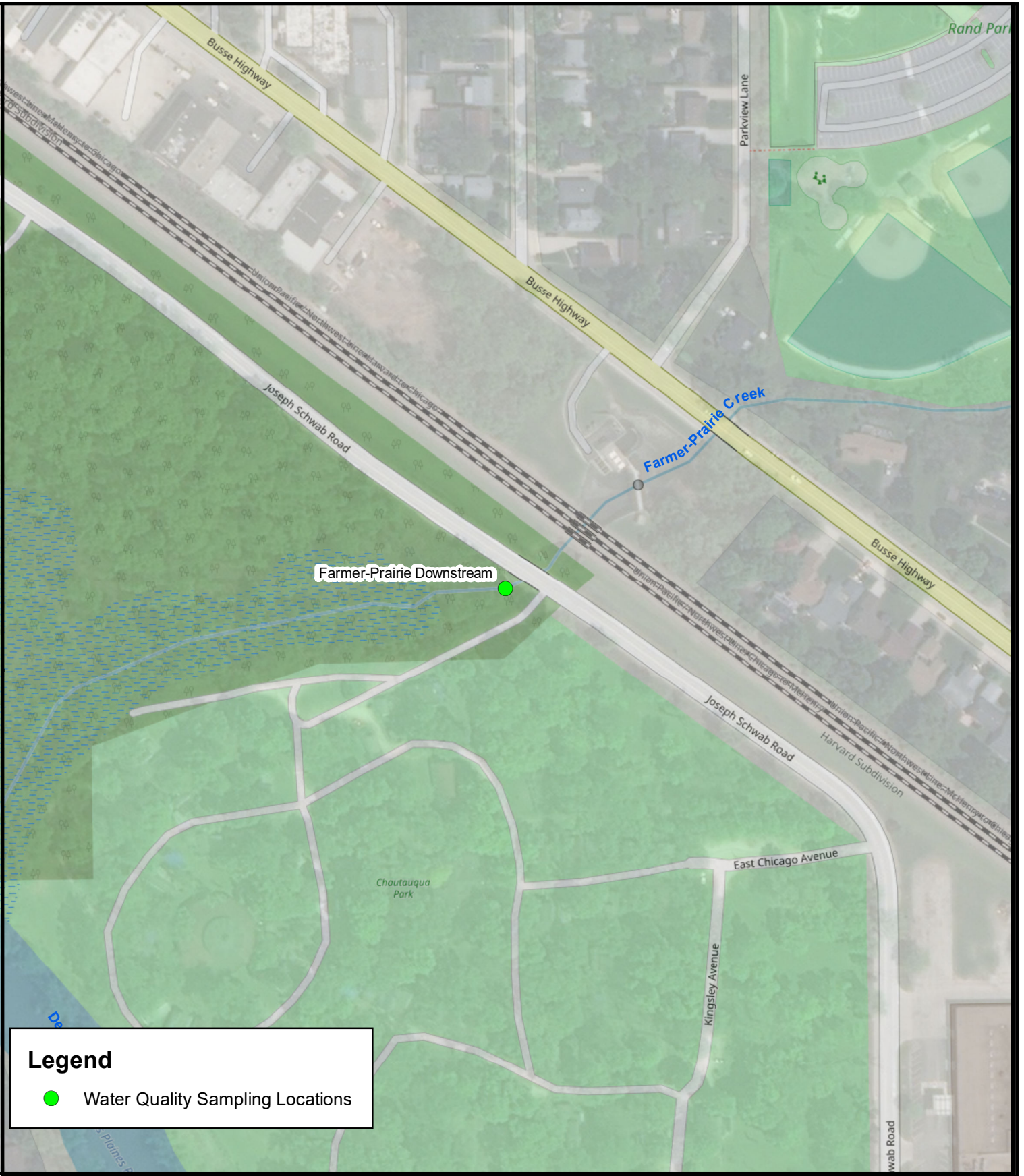
**NORTH**  
Not to Scale

Date: 04/24/2017

**MAP 8**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

L:\GIS\Illinois\Municipality\Des Plaines\0\_WQ\Locations Des Plaines Map 9.mxd



**Legend**

- Water Quality Sampling Locations

**Manhard**  
CONSULTING

900 Woodlands Parkway, Vernon Hills, Illinois 60061  
ph: 847-634-5550 manhard.com

**NORTH**  
Not to Scale

Date: 04/24/2017

**MAP 9**  
**WATER QUALITY TESTING LOCATIONS**  
**CITY OF DES PLAINES, COOK COUNTY, IL**

Proj: 000.DSDS01.03

# Appendix B

## Lab Report







**LAKE COUNTY**  
HEALTH DEPARTMENT AND  
COMMUNITY HEALTH CENTER

Lake County Environmental Laboratory  
IDPH Registry # 17541  
IEPA Certification # 100267  
847 377-8030

REQUEST FOR  
MICROBIOLOGICAL AND CHEMICAL ANALYSIS

Project: The City of Des Plaines NPDES Project - Aquatic Ecosystems Management TC  
 Collection Date: 12/14/2020 Received Date: 12/14/2020 11-28-22  
 Collected by: Aquatic Ecosystems Management Received Time: 14:00  
 First & Last Name: Matt Rudy Received By: TC

Lab Sample ID	Sample Site:	Notes	Collection Time:	Sample Point	TEMPERATURE: FIELD TESTED	TOTAL CHLORINE: FIELD TESTED
22KO389c01	Des Plaines #1	Feehanville UPstream	9:50 Am	Per MAP	41.29	
22KO389c02	Des Plaines #2	Weller UPstream	10:11 Am	Per MAP	39.2	
22KO389c03	Des Plaines #3	Higgins UPstream	10:30 Am	Per MAP	40.21	
22KO389c04	Des Plaines #4	Higgins Downstream	10:47 Am	Per MAP	55.62	
22KO389c05	Des Plaines #5	River Downstream	11:05 Am	Per MAP	43.02	
22KO389c06	Des Plaines #6	tributary UPstream	11:27 Am	Per MAP	46.22	
22KO389c07	Des Plaines #7	tributary Downstream	11:45 Am	Per MAP	45.06	
22KO389c08	Des Plaines #8	Weller Downstream	11:59 Am	Per MAP	41.8	
22KO389c09	Des Plaines #9	River UPstream	12:24 Pm	Per MAP	44.28	
22KO389c10	Des Plaines #10	Feehanville Downstream	12:40 Pm	Per MAP	45.98	

Analyses requested, please check:

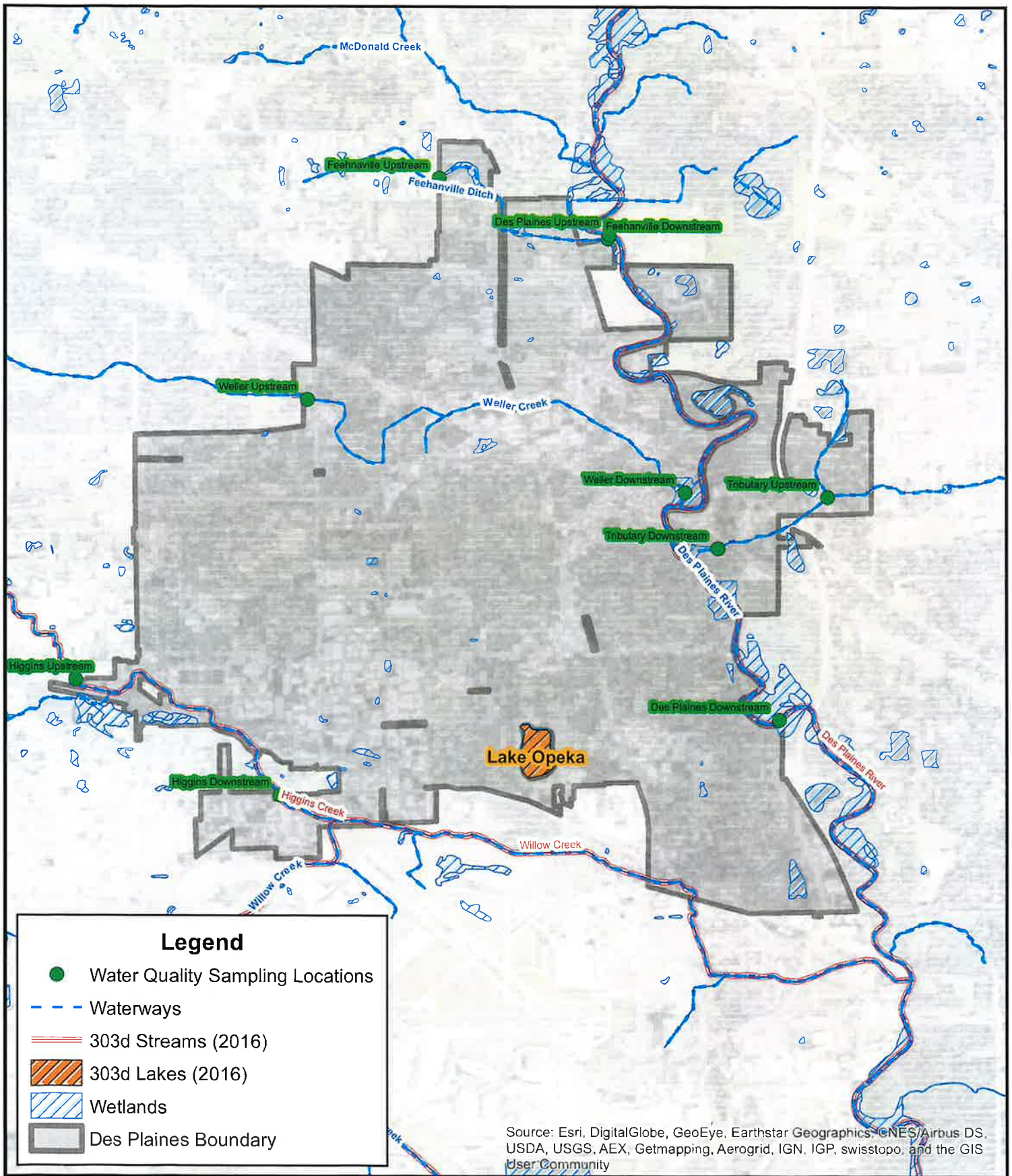
MICROBIOLOGY:  
Fecal Coliform X

CHEMICAL ANALYSIS:  
TSS ✓  
Total Nitrogen \_\_\_\_\_  
Total Phosphorus ✓  
Chloride ✓  
Fats/Oils/Greases ✓

preserved 11/25/22 14:40  
w/ 750uL H<sub>2</sub>SO<sub>4</sub>

Container: 2L M N PLAS Other:

Preservation: \_\_\_\_\_



**Legend**

- Water Quality Sampling Locations
- Waterways
- 303d Streams (2016)
- 303d Lakes (2016)
- Wetlands
- Des Plaines Boundary

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



**WATER QUALITY TESTING LOCATIONS  
CITY OF DES PLAINES**



# SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134  
Tel. (708) 544-3260 • Toll Free (800) 783-LABS  
Fax (708) 544-8587  
www.suburbanlabs.com

December 02, 2022

Michael Perkaus  
Aquatic Ecosystems Management  
1801 Holste Road  
Northbrook, IL 60062

**Workorder: 2211L12**

TEL: (847) 579-3090

FAX:

RE: Des Plaines NPDES

Dear Michael Perkaus:

Suburban Laboratories, Inc. received 2 sample(s) on 11/28/2022 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Dan Galeher  
Vice President of Sales and Service  
708-544-3260 ext 216  
dan@SuburbanLabs.com





**Client:** Aquatic Ecosystems Management

**Date:** December 02, 2022

**Project:** Des Plaines NPDES

**PO #:**

**WorkOrder:** 2211L12

**QC Level:**

**Temperature of samples upon receipt at SLI:** C

**Chain of Custody #:**

**General Comments:**

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

**Abbreviations:**

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

**Method References:**

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

**Workorder Specific Comments:**



# Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

## Laboratory Results

**Client ID:** Aquatic Ecosystems Management

**Report Date:** December 02, 2022

**Project Name:** Des Plaines NPDES

**Workorder:** 2211L12

**Client Sample ID:** Des Plaines River Upstream

**Matrix:** WATER

**Lab ID:** 2211L12-001

**Date Received:** 11/28/2022 3:29 PM

**Collection Date:** 11/28/2022 1:48 PM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>PCBS</b>		Method: EPA-SW8082-Rev 0, Dec-96			Analyst: RHY			
Aroclor 1016	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
Aroclor 1221	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
Aroclor 1232	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
Aroclor 1242	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
Aroclor 1248	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
Aroclor 1254	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
Aroclor 1260	ND	0.0962			µg/L	1	11/30/2022 8:33 PM	86526
<u>Internal Quality Control Compounds</u>								
SS: Tetrachloro-m-xylene	86.3	40.4-143			%Rec	1	11/30/2022 8:33 PM	86526
<b>MERCURY BY CVAA</b>		Method: EPA-245.1-Rev R3.0, 1994			Analyst: MWG			
Mercury	ND	0.00009	0.00050		mg/L	1	12/02/2022 11:59 AM	86566



# Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

## Laboratory Results

**Client ID:** Aquatic Ecosystems Management

**Report Date:** December 02, 2022

**Project Name:** Des Plaines NPDES

**Workorder:** 2211L12

**Client Sample ID:** Des Plaines River Downstream

**Matrix:** WATER

**Lab ID:** 2211L12-002

**Date Received:** 11/28/2022 3:29 PM

**Collection Date:** 11/28/2022 1:25 PM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>PCBS</b>		Method: EPA-SW8082-Rev 0, Dec-96			Analyst: RHY			
Aroclor 1016	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
Aroclor 1221	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
Aroclor 1232	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
Aroclor 1242	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
Aroclor 1248	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
Aroclor 1254	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
Aroclor 1260	ND	0.0962			µg/L	1	11/30/2022 8:59 PM	86526
<u>Internal Quality Control Compounds</u>								
SS: Tetrachloro-m-xylene	94.9	40.4-143			%Rec	1	11/30/2022 8:59 PM	86526
<b>MERCURY BY CVAA</b>		Method: EPA-245.1-Rev R3.0, 1994			Analyst: MWG			
Mercury	ND	0.00009	0.00050		mg/L	1	12/02/2022 12:03 PM	86566



# Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

## PREP DATES REPORT

**Client:** Aquatic Ecosystems Management  
**Project:** Des Plaines NPDES

**Report Date:** December 02, 2022  
**Lab Order:** 2211L12

Sample ID	Collection Date	Batch ID	Prep Test Name	TCLP Date	Prep Date
2211L12-001A	11/28/2022 1:48:00 PM	86566	MERCURY PREP for AQUEOUS		12/1/2022
2211L12-001B		86526	AQUEOUS PREP SEP FUNNEL: PCB		11/30/2022
2211L12-002A	11/28/2022 1:25:00 PM	86566	MERCURY PREP for AQUEOUS		12/1/2022
2211L12-002B		86526	AQUEOUS PREP SEP FUNNEL: PCB		11/30/2022



**Qualifiers:**

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accreditation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
P	Present
Q	Accreditation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank
V	EPA requires field analysis/filtration. Lab analysis would be considered past hold time.
WI	This sample was ran at the Wisconsin Laboratory, WI DNR Certified #246179890





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1950 S. Batavia Ave. Ste. 150, Geneva, IL 60134

Tel. 708.544.3260

login@suburbanlabs.com

www.suburbanlabs.com

## CHAIN OF CUSTODY RECORD

Electronic Version

Company Name **Aquatic Ecosystems Management**  
 Street Address **1801 Holste Rd**  
 City **Northbrook** State **IL** Zip **60062**  
 Office Phone **847-579-3090** Mobile **847-414-7663**  
 Email Address **mike@h2oeco.com**  
 Project ID/Location **Des Plaines NPDES**  
 Project Manager (Report to) **Michael Perkaus**  
 Sample Collector(s) **Michael Perkaus**

TURNAROUND TIME REQUESTED  
 Normal  RUSH\*  
 \* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.  
 Date Report Needed: \_\_\_\_\_  
 REGULATORY PROGRAM/LIMITS REQUIRED  
 None/For Information Only

ANALYSIS & METHOD REQUESTED  
 Enter an "X" in box below for request


Page **1** of **7**  
 PO # \_\_\_\_\_  
 Report Type  Normal  Special\*  
 \* Additional charges apply for QC reports and raw data. Specify in comments section  
 Shipping Method \_\_\_\_\_

**LAB USE ONLY**  
 Work Order # **2211612**  
 Temperature of Received Samples **3** °C  
 Received within 24 hours of collection?  No  Yes  
 Lab Comment \_\_\_\_\_ LAB # \_\_\_\_\_

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION		MATRIX	GRAB/ COMP.	CONTAINERS		PRESERVATIVE	Mercury	PCB									
		DATE	TIME			Qty	SIZE & TYPE												
1	Des Plaines River Upstream	11/28/22	1:40P		X				X										
2	Des Plaines River Upstream	11/28/22	1:45P		X					X									
3	Des Plaines River Downstream	11/28/22	1:25P		X				X										
4	Des Plaines River Downstream	11/28/22	1:25		X					X									
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

**MATRIX:** Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H<sub>2</sub>SO<sub>4</sub>, HCl, HNO<sub>3</sub>, Methanol (MeOH), NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:  
 T=1:07

1. Relinquished By <i>Michael Perkaus</i>	Date <b>11/28/22</b>	2. Relinquished By <i>[Signature]</i>	Date <b>11-28-22</b>	3. Relinquished By _____	Date _____	4. Relinquished By _____	Date _____
Received By <i>[Signature]</i>	Time <b>15:15</b>	Received By <i>[Signature]</i>	Time <b>16:10</b>	Received By _____	Time _____	Received By _____	Time _____
<input type="checkbox"/> Ice		<input checked="" type="checkbox"/> Ice		<input type="checkbox"/> Ice		<input type="checkbox"/> Ice	



Illinois Association for Floodplain and Stormwater Management

## Certificate of Training

\_\_\_\_\_ has satisfactorily completed training during the

### **NFIP Online Workshop**

Conducted by

The Illinois Association for Floodplain and Stormwater Management

Location: Virtual

Date: April 19, 2023

PDH Credits: 6.5

CEC Credits: 6.5

Diane Bouckaert, PE, CFM CPESC  
Chair, Education Outreach Committee



STORMWATER MANAGEMENT COMMISSION



# Certificate of Credit

May it be known by all who read this that on April 26, 2023

---

has successfully completed

## **SMC and IECA BMP Field Day**

and has earned 5 Professional Development Hours

---

*Jennifer Adair*

Executive Director

---

*Gary B. Sander*

IECA President

---

Lake County Stormwater Management Commission

# Certificate of Completion

is hereby granted to

---

to certify that he/she has completed to satisfaction

# Designated Erosion Control Inspector Workshop

4.5 PDHs  
4.5 CECs

February 21, 2023



Kurt A. Woolford, P.E., CFM  
Executive Director



Brian L. Frank, P.E., CFM  
Chief Engineer



STORMWATER MANAGEMENT COMMISSION

---

# Emergency Management Institute



# FEMA

This Certificate of Achievement is to acknowledge that

**JOHN LA BERG**

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the Independent Study course:

**IS-279.A:  
INTRODUCTION TO RETROFITTING FLOOD-PRONE RESIDENTIAL  
BUILDINGS**

A handwritten signature in black ink, appearing to read "J. Stern".

*Issued this 15th Day of March, 2023*

Jeffrey D. Stern, Ph.D.  
Superintendent  
Emergency Management Institute  
Federal Emergency Management Agency



# Emergency Management Institute



## FEMA

This Certificate of Achievement is to acknowledge that

**JOHN LA BERG**

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the Independent Study course:

**IS-242.C:  
EFFECTIVE COMMUNICATION**

A handwritten signature in black ink, appearing to read "J. Stern", written over a horizontal line.

Jeffrey D. Stern, Ph.D.  
Superintendent  
Emergency Management Institute  
Federal Emergency Management Agency

*Issued this 15th Day of March, 2023*



0.80 IACET CEU



John Laberg

Welcome

Catalog

myCourses

Search the Catalog



# myCourses

In Progress **Completed**

[Download Transcript](#) [Add Education Activity](#)

Year 2022

Title	Credit(s)	Grade (%)	Completion	End Date	Completion Date
<b>An Introduction to Traffic Signal Operations -NEW (70271W2022)</b>	PDH: 1.0	100	Completed	03/03/2023	3/3/22

Live Webinar | Online | 2022/03/03

[View Details](#) | [Launch](#) | [Certificate](#)



Illinois Association for Floodplain and Stormwater Management

## Certificate of Training

\_\_\_\_\_ has satisfactorily completed training during the

### NFIP 101 Webinar

Conducted by

The Illinois Association for Floodplain and Stormwater Management

Location: Virtual Webinar

Date: March 1st, 2022

PDH Credits: 5

CEC Credits: 4

A handwritten signature in black ink, appearing to read "Diane Bouckaert". The signature is written in a cursive style.

Diane Bouckaert, PE, CFM, CPESC  
Chair, Education Outreach Committee



---

Lake County Stormwater Management Commission

# Certificate of Completion

*is hereby granted to*

---

*to certify that he/she has completed to satisfaction*

# Designated Erosion Control Inspector Workshop

4.5 PDHs  
4.5 CECs

February 15, 2022



Kurt A. Woolford, P.E., CFM  
Executive Director



**STORMWATER MANAGEMENT COMMISSION**



Brian L. Frank, P.E., CFM  
Chief Engineer

---



Route	Marked Route	Section Number
Various, 2022 CIP Contract A	N/A	N/A
Project Number	County	Contract Number
N/A	Cook	N/A

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issued by the Illinois Environmental Protection Agency (IEPA) for storm water discharges from construction site activities.

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 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.

Signature	Date
<i>Jon Duddles</i>	3-17-22

Print Name	Title	Agency
Jon Duddles	Assistant Director of PWE	City of Des Plaines

**Note:** Guidance on preparing each section of BDE 2342 can be found in Chapter 41 of the IDOT Bureau of Design and Environment (BDE) Manual. Chapter 41 and this form also reference the IDOT Drainage Manual which should be readily available.

**I. Site Description:**

A. Provide a description of the project location; include latitude and longitude, section, town, and range:

Beau Dr, Sandy Ln, Westmere Rd, Debra Dr., DesPlaines, IL; 42.04265, -87.93994, Sec.13, T41N, R11E  
Forest Ave, Cindy Ln., DesPlaines, IL, 42.02721; -87.90535, Sec 19, T41N, R12E.

B. Provide a description of the construction activity which is the subject of this plan. Include the number of construction stages, drainage improvements, in-stream work, installation, maintenance, removal of erosion measures, and permanent stabilization:

Storm sewer, watermain, sanitary sewer, road reconstruction and landscape restoration.

C. Provide the estimated duration of this project:

6 months

D. The total area of the construction site is estimated to be 6.3 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 6.3 acres.

E. The following are weighted averages of the runoff coefficient for this project before and after construction activities are completed; see Section 4-102 of the IDOT Drainage Manual:

Runoff coefficient is 0.9 before and after construction.

F. List all soils found within project boundaries; include map unit name, slope information, and erosivity:

See attached.

G. If wetlands were delineated for this project, provide an extent of wetland acreage at the site; see Phase I report:

No wetlands present.