

June 4, 2024

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
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)**
- **2023-2024 Annual Report**
- **Des Plaines Community Calendar attachment**
- **Des Plaines 2023 Water Quality Testing Report**

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

Bobby Petters, P.E.
Senior Project Manager

Enclosures

Cc:

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

2023-2024 Annual Report (PY 5)

This report covers activities that occurred between the following dates:

March 2023 - February 2024

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: 22,887 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, 2023 To March, 2024

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

6-4-2024

Date:

Director of Public Works and Engineering

Title:

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

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

COMMUNITY NAME: City of Des Plaines

PERMIT #: ILR400325

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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
BMP No. A.1 - Curbside Calendar								
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 2023 for the 2024 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
BMP No. A.3 - Cable TV Stormwater Segment								
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.			X	Include the slides in the broadcast rotation during one month in the spring each year.	Annually
BMP No. A.4 - Arbor Day Community Events								
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
BMP No. A.5 - Classroom Education Program								
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.								
		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 2023-2024 permit year.

COMMUNITY NAME: City of Des Plaines

PERMIT #: ILR400325

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. A.6 - City Website								
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 website have been verified.			X	Provide updated information easily accessible to residents over the internet.	On-going through 2023-2024 permit year.
BMP No. B.5 - Adopt-a-Spot								
Milestone For Reporting Year: Track which volunteer groups the City has communicated with and assisted.								
		X	The City has engaged with an environmental clean-up volunteer organization called <i>Clean-Up & Give Back</i>			X	Public survey and engagement	On-going through 2023-2024 permit year.
BMP No. B.7 - Watershed Organizations								
Milestone For Reporting Year: Track and advertise achievements made through partnership with these organizations								
		X	City attended and tracked classes and seminars at WEF and similar conferences.			X	Continue attendance at seminars and professional organizations	On-going through 2023-2024 permit year.
BMP No. C.1 - Storm Sewer System Map								
Milestone for Reporting Year: Update structure connections based upon CCTV findings.								
		X	The City consistently reviews their storm sewer atlas to check for location and attribute accuracy. The storm sewer system atlas is updated regularly on an as-needed basis.			X	The City will continue to review the storm sewer assets to its atlas.	On-going through 2023-2024 permit year.

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Comment	YES	NO				If attached information, describe.	YES	NO	Activity	Schedule	
BMPs No. C.2, C.9 - Regulatory Control Program- Ordinance Language for Illicit Discharge/Public Notification											
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 2023-2024 permit year.	
BMP No. C.4 - Illicit Discharge Inspection Program											
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 2023-2024 permit year.	
BMP No. C.5 - Illicit Source Removal Program											
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 2023-2024 permit year.	
BMP No. C.9 - Illegal Dumping and Illicit Discharge Line (911)											
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 2023-2024 permit year.	

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. C.10 - Des Plaines River Water Quality Testing								
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.
BMPs No. D.1 - Construction Site Stormwater Runoff Control Ordinance								
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 2023-2024 permit year.
BMPs No. D.4 - Stormwater Runoff Site Plan Review								
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 2023-2024 permit year.

COMMUNITY NAME: City of Des Plaines

PERMIT #: ILR400325

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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
BMPs No. D.6 - City Staff Site Inspection and Enforcement								
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 2023-2024 permit year.
BMPs No. D.7 - Educate developers and contractors								
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 2023-2024 permit year.
BMP No. E.2 - Post Construction Runoff Control Ordinance								
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 2023-2024 permit year.

COMMUNITY NAME: City of Des Plaines

PERMIT #: ILR400325

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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
BMP No. E.3 - Long-Term O&M Procedures Inclusion in Post Construction Runoff Control Ordinance								
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 2023-2024 permit year.
BMP No. E.4 - Review of Construction Plans and Designs								
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 2023-2024 permit year.

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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
BMP No. E.5 - City Staff Site Inspection and Enforcement								
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 2023-2024 permit year.
BMP No. E.7 - Educate Developers and Contractors								
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 2023-2024 permit year.
BMP No. F.1- Employee Training Program								
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.			X	The City will evaluate training procedures and continue annual training	On-going through 2023-2024 permit year.

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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
BMP No. F.2 - Inspection & Maintenance Program - Creek and Outfall Structure Inspection and Repair						
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 2023-2024 permit year.
BMP No. F.3 - Municipal Operations Storm Water Control - Street Sweeping						
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. City has added sweeping and vacuuming pervious alleys 3 times a year in April, June, and late November to their street sweeping program this year.		X	The City will continue structure cleaning and street sweeping programs.	On-going through 2023-2024 permit year.
BMP No. F.4 - Municipal Operations Waste Disposal						
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 2023-2024 permit year.

COMMUNITY NAME: City of Des Plaines

PERMIT #: ILR400325

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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
BMP No. F.6- Other Municipal Operations Controls - Covered Salt Storage									
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 2023-2024 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 - 2023 Capital Improvement Projects

Project Name	CONTRACT NO.	NOI on file	SWPPP on file	Comments
2023 CIP CONTRACT A – Water Main Improvements (with minor Storm Sewer Improvements)	-	Yes	Yes	
Craig Manor Stormwater Improvements	-			

2024



COMMUNITY CALENDAR

IMPORTANT INFORMATION FOR THE DES PLAINES COMMUNITY



LEARN MORE AT [DESPLAINES.ORG](https://desplaines.org).

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 at 1111 Joseph J. Schwab (Campground) Rd. 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 2, 2024 through Friday, January 5, 2024.** Bare holiday trees (no decorations, lights, tinsel or plastic bags) **should be left at the curbside before 7 a.m. on January 2.** If you miss this opportunity and you're an LRS customer, they will pick up trees **through Friday, January 12,** 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

In 2024, basic refuse pick up will be delayed by one day during the weeks of the following holidays:

- New Year's Day, Monday, January 1
- Memorial Day, Monday, May 27
- Independence Day, Thursday, July 4
- Labor Day, Monday, September 2
- Thanksgiving, Thursday, November 28
- Christmas Day, Wednesday, December 25

HOLIDAY OBSERVANCES

In 2024, City Hall offices will be closed for business on the following days:

- New Year's Day, Monday, January 1
- Martin Luther King Jr. Day, Monday, January 15
- Presidents Day, Monday, February 19
- Memorial Day, Monday, May 27
- Independence Day, Thursday, July 4
- Labor Day, Monday, September 2
- Columbus Day, Monday, October 14
- Veterans Day, Monday, November 11
- Thanksgiving Day, Thursday, November 28
- Day after Thanksgiving Day, Friday, November 29
- Christmas Day, Wednesday, December 25

JANUARY | 2024

Find more information
at 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	29	

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

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 St. (west of Wolf Rd.), East River Rd., Mount Prospect Rd. and Potter Rd. (north of Ballard Rd.). 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.

The Village of Mount Prospect is responsible for Central Rd., west of Wolf Rd. For questions or to report a problem, contact the Village Public Works Dept. 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 800.934.6489
- Commonwealth Edison 800.334.7661
- LRS 844-NEED-LRS (844.633.3577)
- Northern Illinois Gas (NICOR) 888.642.6748



Des Plaines maintains road



State Highway under the authority of the Illinois Dept. of Transportation maintains road



Cook County maintains road

FEBRUARY | 2024

Find more information
at 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
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MARCH

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31						

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

BUILDING PERMIT INFORMATION

BUILDING AND PERMIT GUIDELINES

The City of Des Plaines requires permits for a number of different projects. Building permit applications and field work must comply with City building codes, which are established to safeguard public health and welfare. The City conducts a variety of building permit, business registration, and code enforcement inspections.



APPLYING FOR A BUILDING PERMIT

The City's building and permit process is now digital! Permits can be applied for through our Customer Self Service Portal by visiting desplaines.org/permits.

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

- Fences, decks and deck 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 to apply for the Contractor License through the online portal.

BUILDING INSPECTIONS

Every permit, license and registration requires at least one type of inspection. 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/permits
- To schedule inspections or for questions regarding inspections: 847.391.5382
- Contractor Licenses: desplaines.org/contractorlicensing

MARCH | 2024

Find more information
at desplaines.org.

FEBRUARY

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APRIL

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28	29	30				

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

YARD WASTE & BRANCH COLLECTION

YARD WASTE COLLECTION

From April 1 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 1 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 6	May 20
2nd Collection	June 3	June 17
3rd Collection	July 8	July 22
4th Collection	August 5	August 19
5th Collection	September 3	September 16

- Place branches on the parkway by 7 a.m. on the scheduled branch collection date for the corresponding zip code. 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 | 2024

Find more information
at desplaines.org.

MARCH

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31						

MAY

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

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

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. For safety reasons, LRS prefers that all mattresses are wrapped in plastic or placed in a mattress bag. '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. Call 844-NEED-LRS (844.633.3577) to schedule.

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) 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 J. Schwab (Campground) Rd. 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: O'Reilly Auto Parts, located at 1589 Lee St., accepts motor oil and oil filters for recycling. Call 847.635.6014 for more information. Other garages may also accept items.



MAY | 2024

Find more information
at desplaines.org.

APRIL

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JUNE

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23	24	25	26	27	28	29
30						

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

CITY SPONSORED EVENTS

Discover the spirit of our community through the City's sponsored events. Gather your family and friends to enjoy one of the Tuesday night Food Truck Round Ups, savor the Taste of Des Plaines, celebrate Independence Day, and experience the magic of our December Holiday Tree Lighting and more. For City event information and details, visit our website at desplaines.org/events.

In addition, numerous partner agencies and community-based organizations hold events throughout the year. To stay informed, explore the City events calendar at desplaines.org.



DESPLAINES.ORG/EVENTS



JUNE | 2024

Find more information
at desplaines.org.

MAY

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JULY

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27	28	29	30	31		

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

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 for everything you need to know. For questions or service requests, contact LRS at 844.NEED.LRS or by email at 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

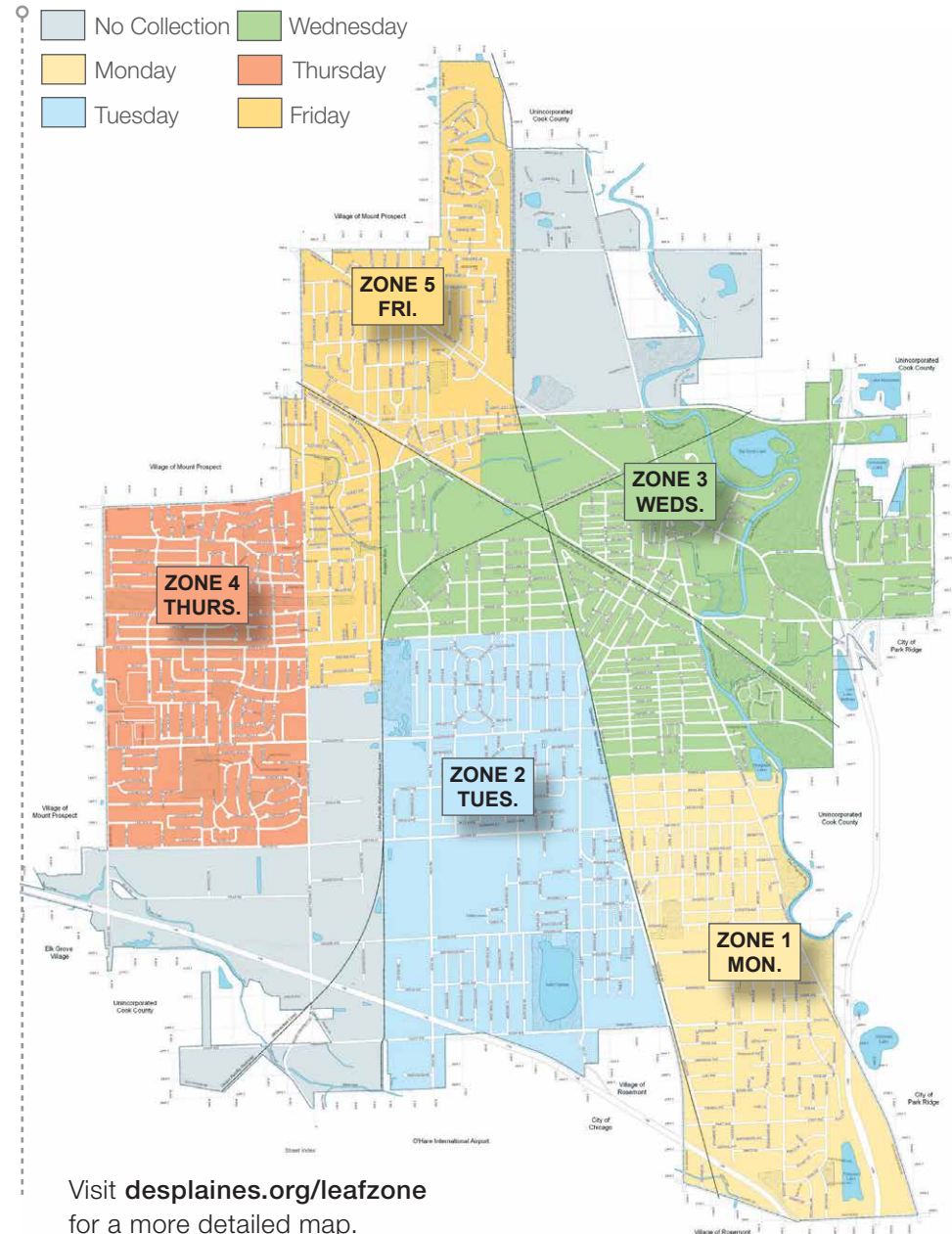
All trash, recycling and yard waste is collected on the same day.

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 also 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 for a more detailed map.

JULY | 2024

Find more information
at desplaines.org.

JUNE

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AUGUST

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25	26	27	28	29	30	31

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
--------	--------	---------	-----------	----------	--------	----------

30 Independence Day Fireworks	1 Council Meeting 7 p.m.	2	3	4 Independence Day City Offices Closed Independence Day Parade One-Day Delay for Refuse Collection Due to Holiday	5	6
7	8 Branch Collection for 60016 Begins	9	10	11	12	13
14	15 Council Meeting 7 p.m.	16	17	18	19	20
21	22 Branch Collection for 60018 Begins	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) Rd., 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 November page of this calendar for information.

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 at 847.391.5400.

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 Needles**

No Shredded Paper

These guidelines represent the common items accepted in most recycling programs. For more information, visit LRSrecycles.com.



AUGUST | 2024

Find more information
at desplaines.org.

JULY

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SEPTEMBER

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22	23	24	25	26	27	28
29	30					

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

MESSAGE FROM YOUR CHIEFS

Each day, the tireless efforts of our police, fire and medical teams enrich the lives of our Des Plaines community, demonstrating unwavering dedication.

Des Plaines Police Chief Dave Anderson and Fire Chief Dan Anderson, supported by the remarkable individuals in the field and working behind the scenes, are committed to delivering exceptional public safety services to our city.

The Chiefs are proponents of transparency and community engagement, actively working to nurture and enhance relationships and partnerships, all while earning the trust of our residents.

The public safety teams continue to invest in updated technology and equipment and maintain a highly trained and dedicated force. We have challenged ourselves to continue innovating and evolving to perform our duties in the most effective and efficient ways possible.

For the latest updates, informative content, and vital safety advice, we invite you to connect with both departments on Facebook at:

facebook.com/DesPlainesPolice

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?

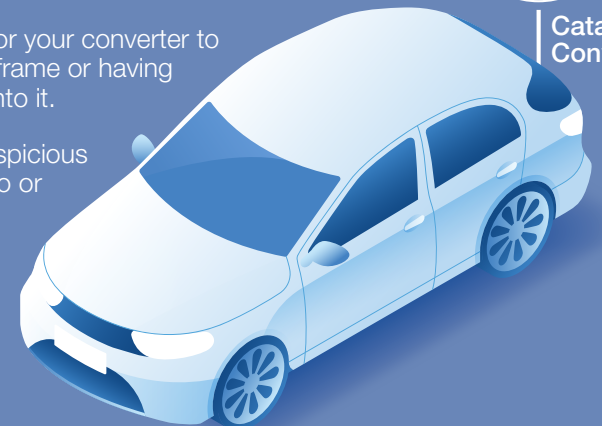
Contact the police department immediately, and then follow up with your insurance company.

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 | 2024

Find more information
at desplaines.org.

AUGUST

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OCTOBER

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27	28	29	30	31		

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

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 21 through Friday, December 20. 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 yard waste pick up. This seasonal in-house program provides residential leaf collection starting Monday, October 21 and continuing through early December, weather permitting.

2024 CURBSIDE LEAF COLLECTION SCHEDULE

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
Oct. 24	Oct. 25	Oct. 22	Oct. 23	Oct. 21
Oct. 31	Nov. 1	Oct. 29	Oct. 30	Oct. 28
Nov. 7	Nov. 8	Nov. 5	Nov. 6	Nov. 4
Nov. 15	Nov. 18	Nov. 14	Nov. 13	Nov. 12
Nov. 22	Nov. 25	Nov. 21	Nov. 20	Nov. 19
Dec. 3	Dec. 4	Dec. 2	Nov. 27	Nov. 26

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, November and December 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 | 2024

Find more information
at desplaines.org.

SEPTEMBER

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29	30					

NOVEMBER

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24	25	26	27	28	29	30

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

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 leach 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 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.

NOVEMBER | 2024

Find more information
at desplaines.org.

OCTOBER

S	M	T	W	T	F	S
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27	28	29	30	31		

DECEMBER

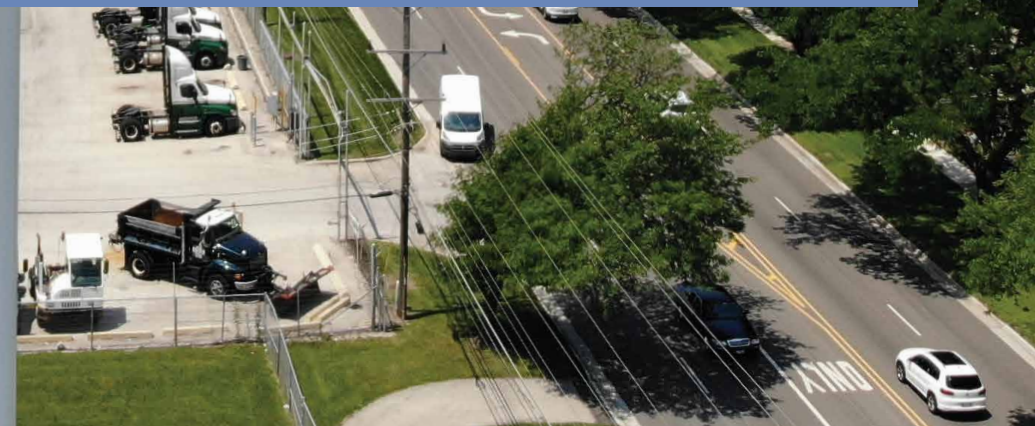
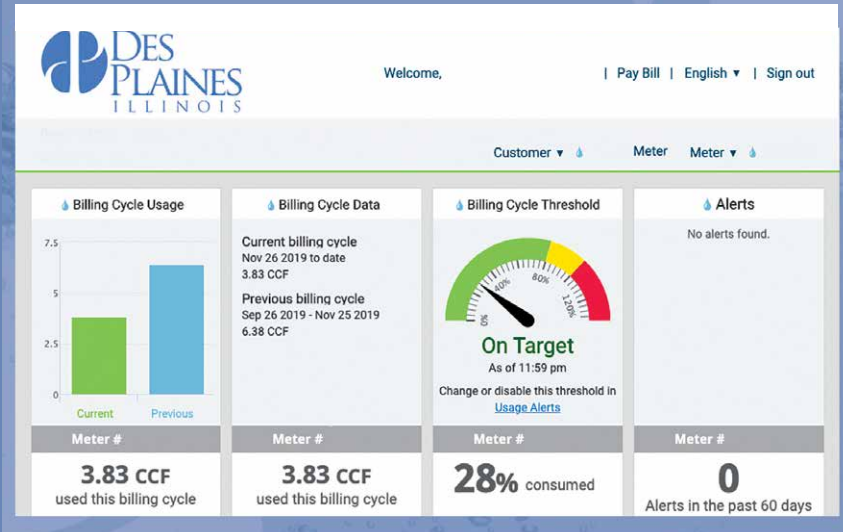
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			30	31	1 Leaf Pick Up Zone 2	2
3 Daylight Saving Ends	4 Council Meeting 7 p.m. Leaf Pick Up Zone 5	5 Leaf Pick Up Zone 3	6 Leaf Pick Up Zone 4	7 Leaf Pick Up Zone 1	8 Leaf Pick Up Zone 2	9
10	11 Veterans Day City Offices Closed Refuse Collection Will Follow Its Normal Schedule →	12 Leaf Pick Up Zone 5	13 Leaf Pick Up Zone 4	14 Leaf Pick Up Zone 3	15 Leaf Pick Up Zone 1	16
17	18 Council Meeting 7 p.m. Leaf Pick Up Zone 2	19 Leaf Pick Up Zone 5	20 Leaf Pick Up Zone 4	21 Leaf Pick Up Zone 3	22 Leaf Pick Up Zone 1	23
24	25 Final Week of Refuse Service Curbside Yard Waste/Branch Collection Begins Leaf Pick Up Zone 2	26 Leaf Pick Up Zone 5	27 Leaf Pick Up Zone 4	28 Thanksgiving City Offices Closed One-Day Delay for Refuse Collection Due to Holiday	29 Day after Thanksgiving City Offices Closed	30

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 desplaines.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.



DECEMBER | 2024

Find more information
at desplaines.org.

NOVEMBER

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JANUARY

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



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1. Go to **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.



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- ▶ 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

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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, and sign up now!



JANUARY | 2025

Find more information
at desplaines.org.

DECEMBER

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FEBRUARY

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

DESTINATION DES PLAINES



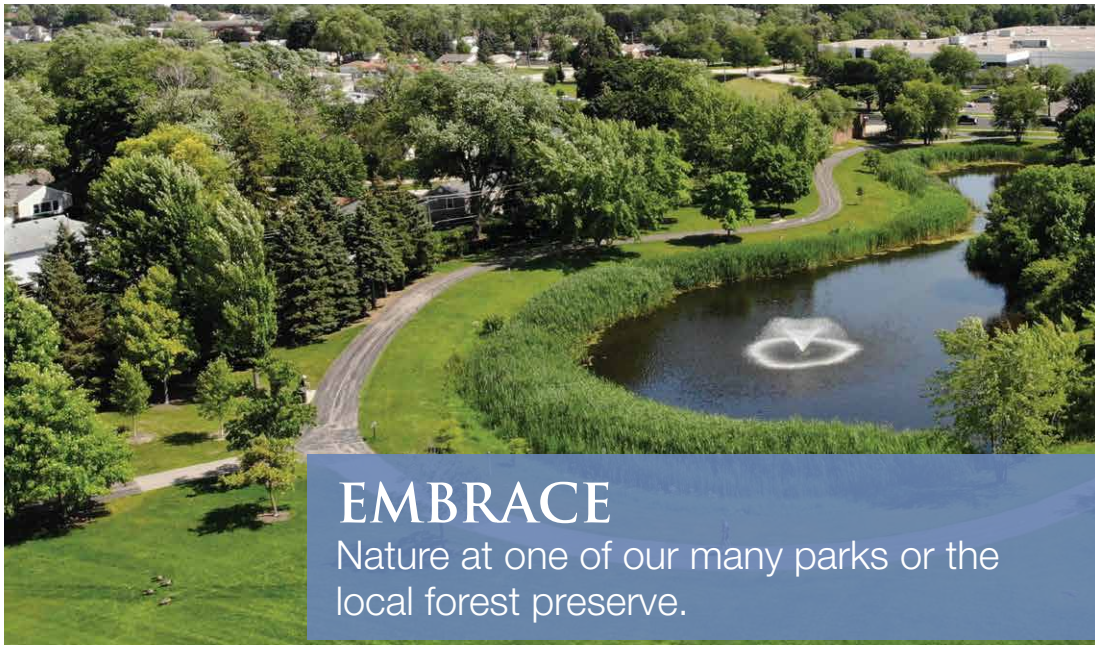
ENJOY

Diverse cuisine at one of our many local restaurants.



EXPLORE

Unique boutiques and shops throughout the City.



EMBRACE

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



EMBARK

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



EXPERIENCE

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

FEBRUARY | 2025

Find more information
at desplaines.org.

JANUARY

S	M	T	W	T	F	S
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MARCH

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

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.



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Watch videos about City services, events and more
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STAY INFORMED

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[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 & Building Permits, 3rd Floor:
847.391.5380 or 847.391.5370

Building Inspections, 3rd Floor: 847.391.5382

Property Maintenance, 3rd Floor: 847.391.5520

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

HUMAN RESOURCES

General Inquiries, 5th Floor: 847.391.5486

HUMAN SERVICES

Des Plaines Police Department: 847.391.5480

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 with pride and gratitude that I continue to serve as your Mayor. Our shared vision for Des Plaines is to ensure a bright, safe, and prosperous future.

In the year 2023, the City Council and I achieved significant milestones:

- We successfully adopted a balanced budget without increasing taxes. Our commitment to investing in essential infrastructure projects, including streets, alleys, water utilities, and facilities, continues. These improvements are the foundation of our city's growth.
- Our community saw the continuation of traditions like the Taste of Des Plaines, Independence Day fireworks and parade, and the Holiday Tree Lighting but also welcomed exciting new additions. Events such as Food Truck Round Ups and the delightful fall Harvest Hoot added more opportunities to strengthen our community bonds.
- To empower our local businesses, we have revamped the Business Assistance Grant Program. This step will support existing businesses and attract new enterprises to our city. By supporting our business community, we foster economic growth, attract investments, and cultivate a thriving business ecosystem.

I remain dedicated to keeping you informed and engaged. I invite you to subscribe to my newsletter and follow the city's social media channels to stay well-informed about the latest developments and the reasons behind our actions.

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.

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



MAYOR
Andrew Goczkowski
agoczkowski@desplaines.org
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CITY CLERK
Jessica Mastalski
jmastalski@desplaines.org
847.391.5311



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mlysakowski@desplaines.org
847.514.8526



SECOND WARD
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847.530.3345



THIRD WARD
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847.514.6318



FOURTH WARD
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847.894.4719



FIFTH WARD
Carla Brookman
cbrookman@desplaines.org
847.812.6463



SIXTH WARD
Mark Walsten
mwalsten@desplaines.org
847.372.1097



SEVENTH WARD
Patsy Smith
psmith@desplaines.org
847.878.5289



EIGHTH WARD
Mike Charewicz
mcharewicz@desplaines.org
847.878.5291



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

COMMUNITY CALENDAR

- Holiday Recycling (January)
- Winter Weather (February)
- Building Permits (March)
- Yard Waste and Branch Collection (April)
- Waste (Garbage) Disposal (May)
- Special Events (June)
- Curbside Waste (July)
- Recycling (August and November)
- Message from your Police and Fire Chiefs (September)
- Leaf Collection (October)
- Water and Utility (December)
- E-News Sign Up (January 2025)

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
December 18, 2023

Prepared for:



City of Des Plaines
Cook County, IL



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Table 2 Typical Pollutants and Potential Sources

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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

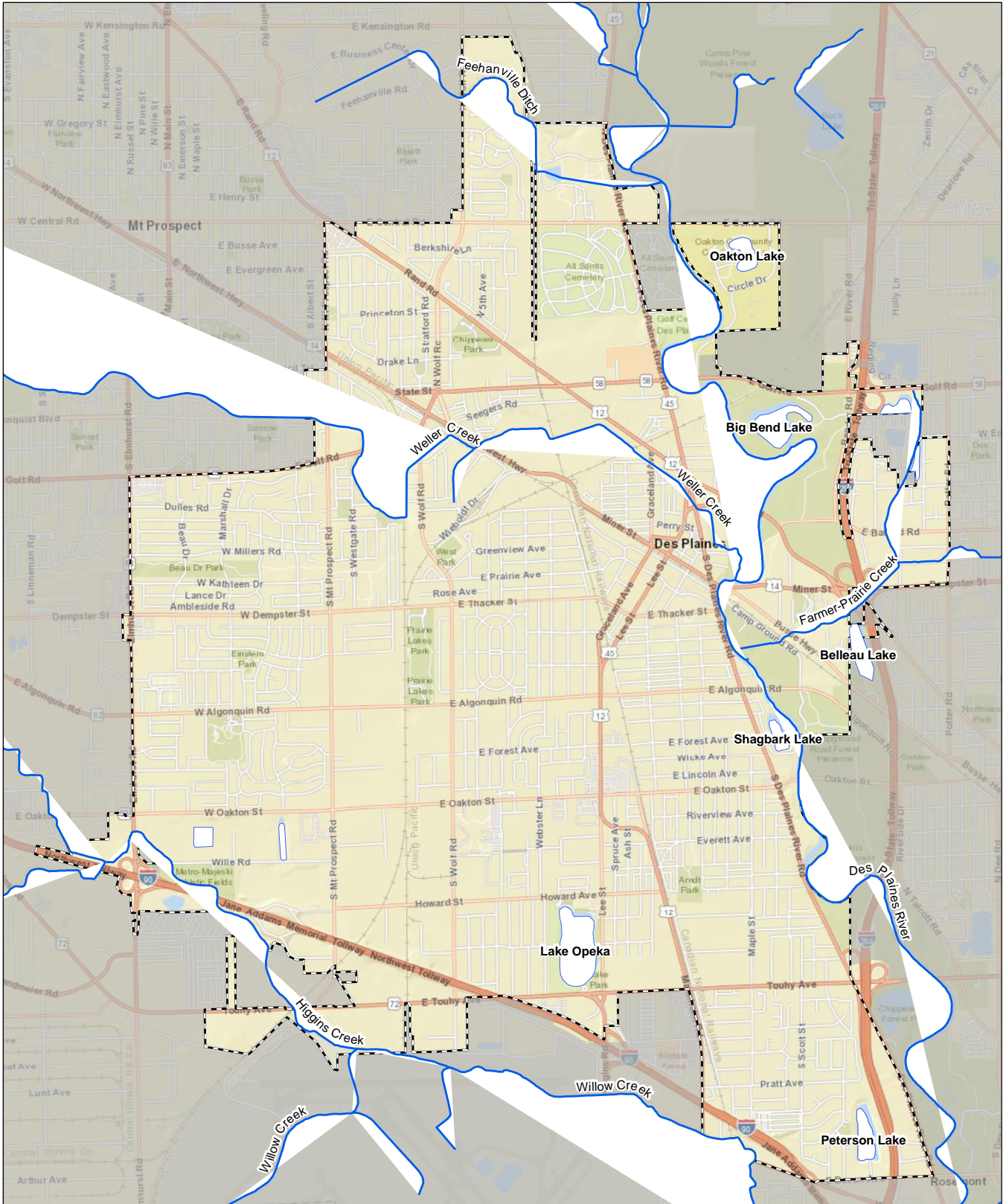
As previously noted, the ILR40 permit authorizes the discharge of storm water from MS4s into receiving waters. Storm water is defined in the ILR40 permit as “storm water runoff, snow melt runoff, and surface runoff and drainage”. MS4s contain a conveyance or system of conveyances that are: owned by a 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

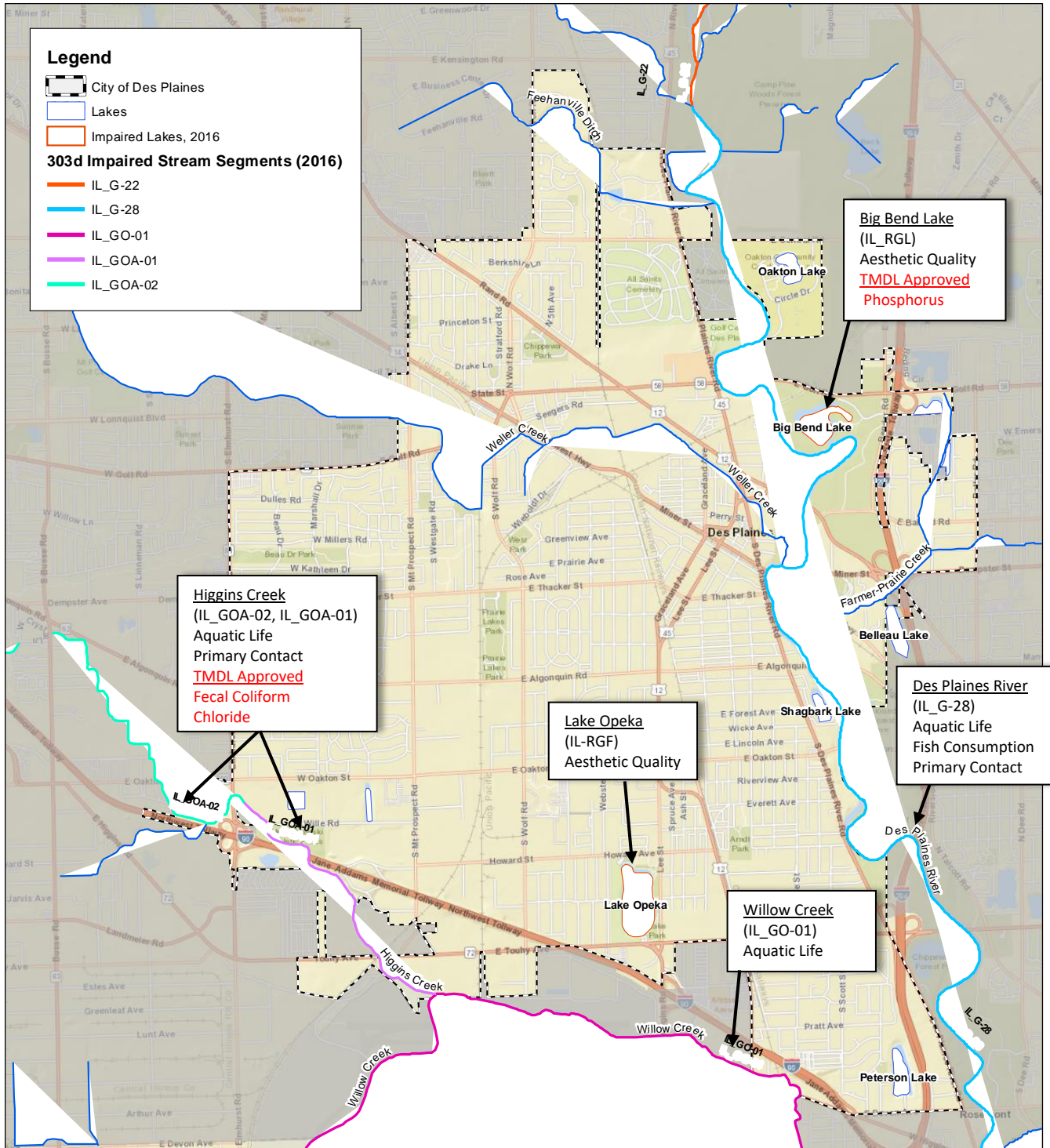


Table 3 IEPA 2018 Assessment Summary

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"> • Aquatic Life • Fish Consumption • Primary Contact 	<ul style="list-style-type: none"> • Alteration in stream-side or littoral vegetative covers • Other flow regime alterations • Chloride • Dissolved oxygen • Mercury • Polychlorinated biphenyls • Fecal coliform 	<ul style="list-style-type: none"> • Streambank modifications/destabilization • Combined sewer overflow • Municipal point source discharge • Urban runoff/storm sewers • Impacts from hydrostructure flow regulation/modification • Atmospheric deposition-toxics • Other unknown sources 	TMDL not developed.
Willow Creek IL_GO-01	<ul style="list-style-type: none"> • Aquatic Life 	<ul style="list-style-type: none"> • Alteration in stream-side or littoral vegetative covers • Phosphorus (Total) • Loss of instream cover 	<ul style="list-style-type: none"> • Channelization • Loss of riparian habitat • Municipal point source discharges 	Assessed in 2018 and on 2018 303(d) list. TMDL not developed.
Higgins Creek IL_GOA-02	<ul style="list-style-type: none"> • Aquatic Life • Primary Contact 	<ul style="list-style-type: none"> • Chloride • Fecal coliform • Cause unknown 	<ul style="list-style-type: none"> • Urban runoff/storm sewers 	Fecal Coliform and Chloride TMDL approved 8/26/2013.
Higgins Creek IL_GOA-01	<ul style="list-style-type: none"> • Aquatic Life • Primary Contact 	<ul style="list-style-type: none"> • Chloride • Phosphorus (Total) • Fecal coliform 	<ul style="list-style-type: none"> • Municipal point source discharges • Urban runoff/storm sewers 	Fecal Coliform and Chloride TMDL approved 8/26/2013.
Oakton Lake IL_WGG	<ul style="list-style-type: none"> • Aquatic Life² • Aesthetic Quality² 	<ul style="list-style-type: none"> • Total suspended solids • Phosphorus (Total) • Aquatic algae 	<ul style="list-style-type: none"> • Source unknown 	Assessed in 2018, not impaired.
Big Bend Lake IL_RGL	<ul style="list-style-type: none"> • Aesthetic Quality 	<ul style="list-style-type: none"> • Phosphorus (Total) • Aquatic algae 	<ul style="list-style-type: none"> • Internal nutrient recycling • Littoral/shore area modifications • Urban runoff/storm sewers • Runoff from forest/grassland/parkland • Waterfowl 	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"> • Aesthetic Quality 	<ul style="list-style-type: none"> • Cause unknown 	<ul style="list-style-type: none"> • Source unknown 	Assessed in 2018 and on 2018 303(d) list. TMDL not developed

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

²Insufficient 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 ¹	ICPB 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)
On-Site Testing		
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

¹Title 35 Part 302 Water Quality Standards unless otherwise noted.

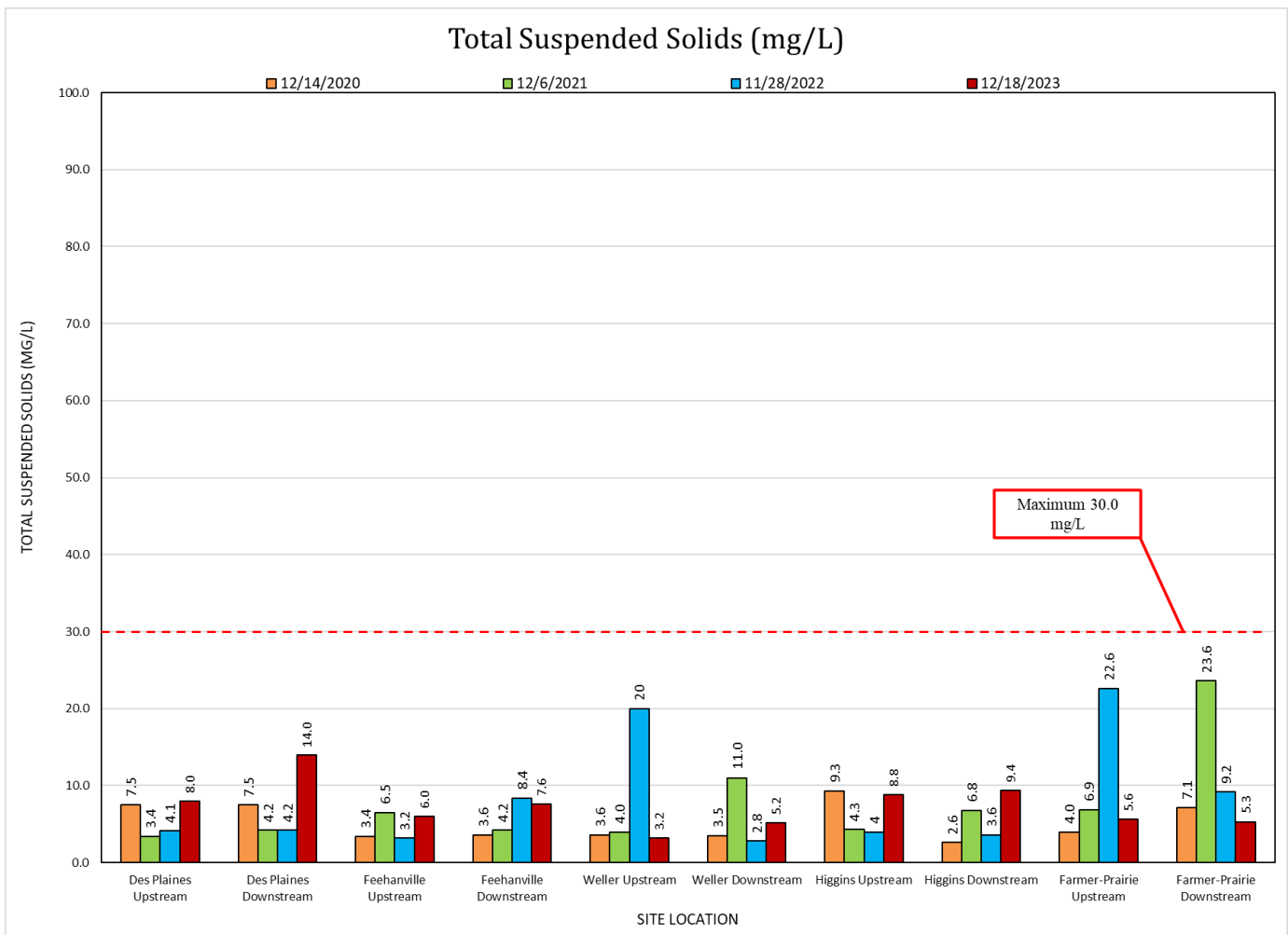
V. Results

On December 18, 2023, 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 0.28". 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).

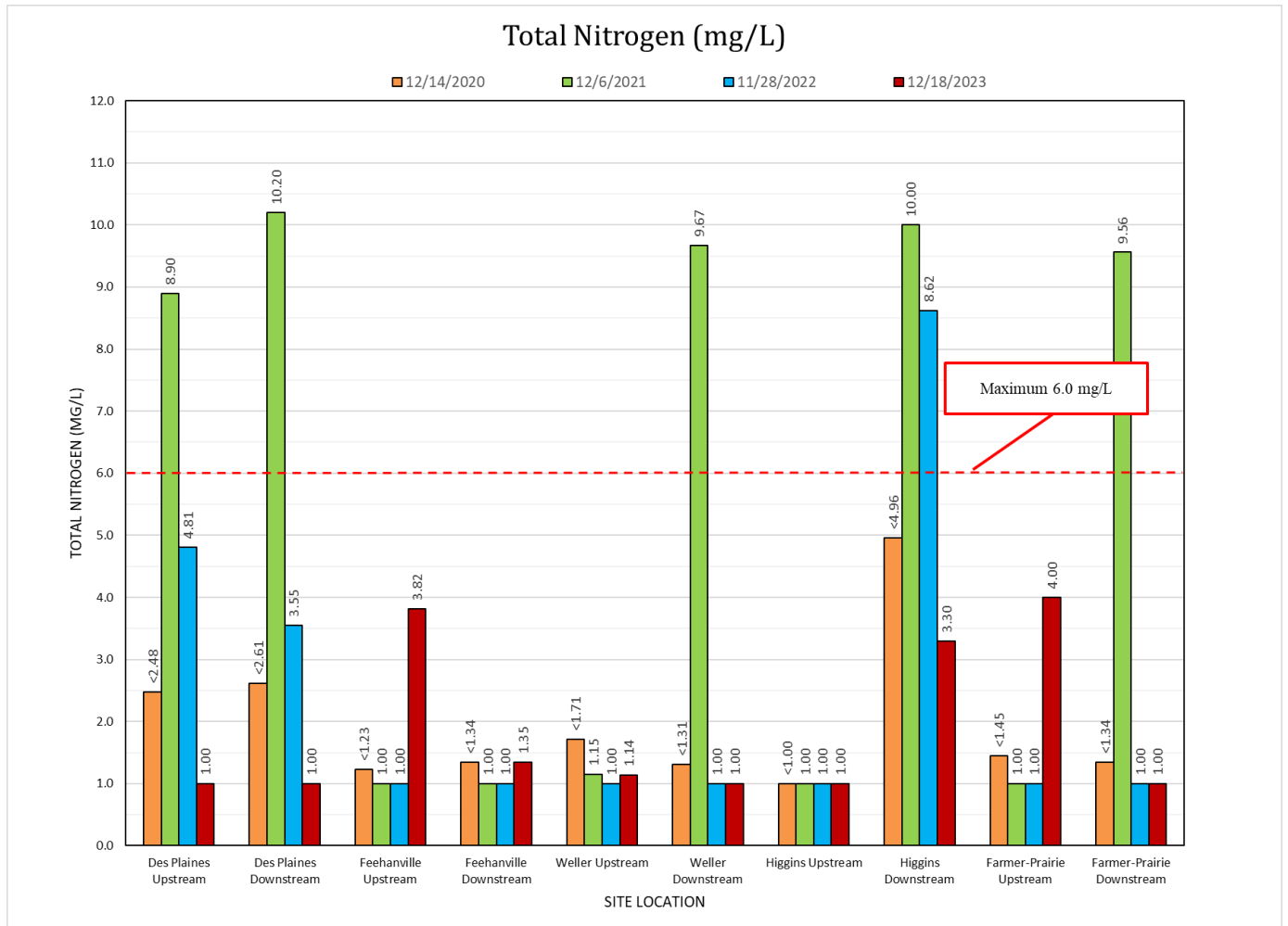
The established limit for TSS is 15.0 - 30.0 mg/L. Results of the TSS testing conducted from 2020-2023 are provided in the graph below. In 2023, none of the test results exceeded the 15 - 30 mg/L threshold.



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.

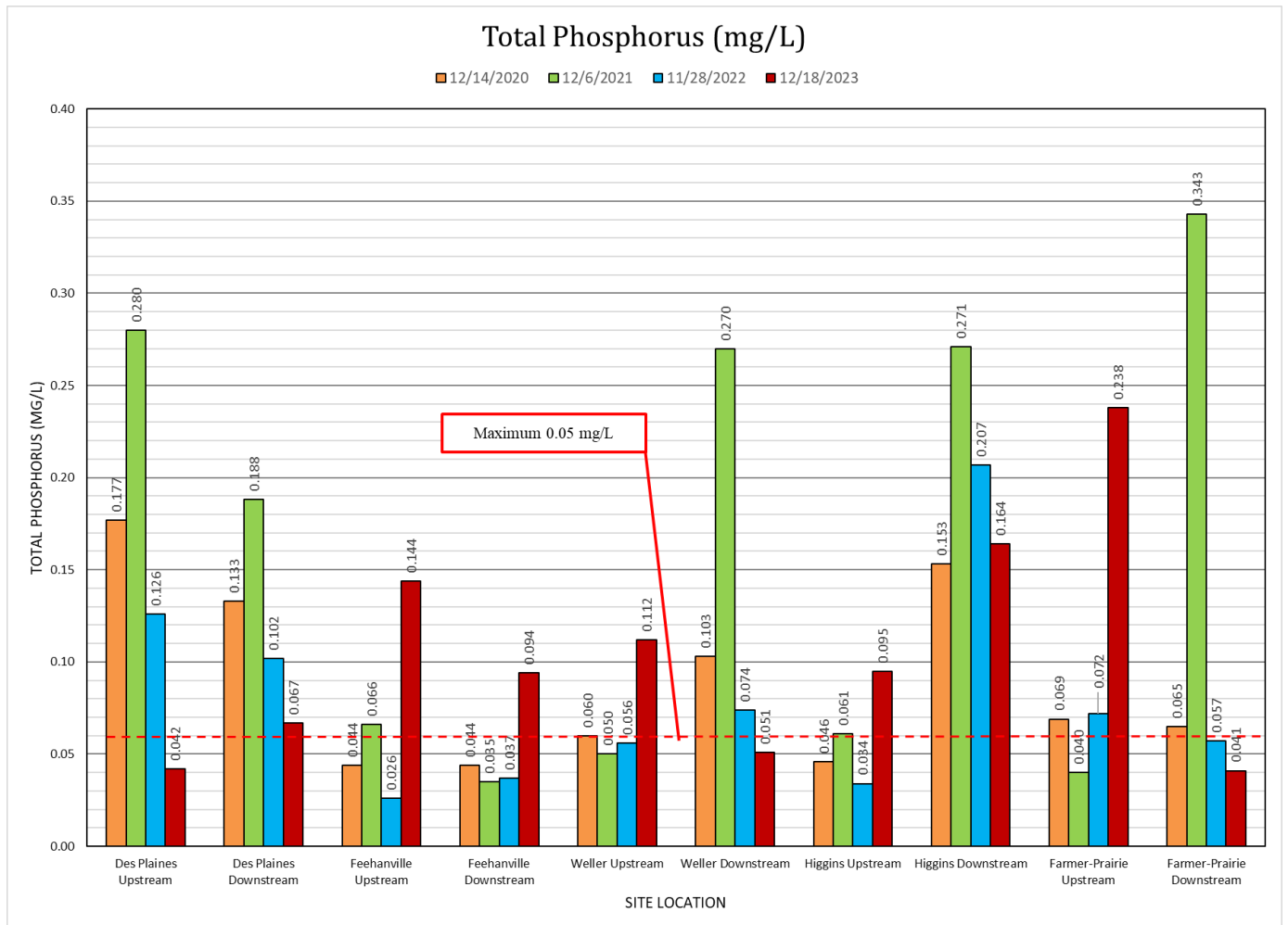
An acceptable range of total nitrogen is 2 mg/L – 6 mg/L. Results of the total nitrogen testing conducted from 2020-2023 are provided in the graph below. In 2023, none of the test locations exceeded the 6 mg/L threshold.



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 ≥ 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 2020-2023 are provided in the graph below. In 2023, 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.

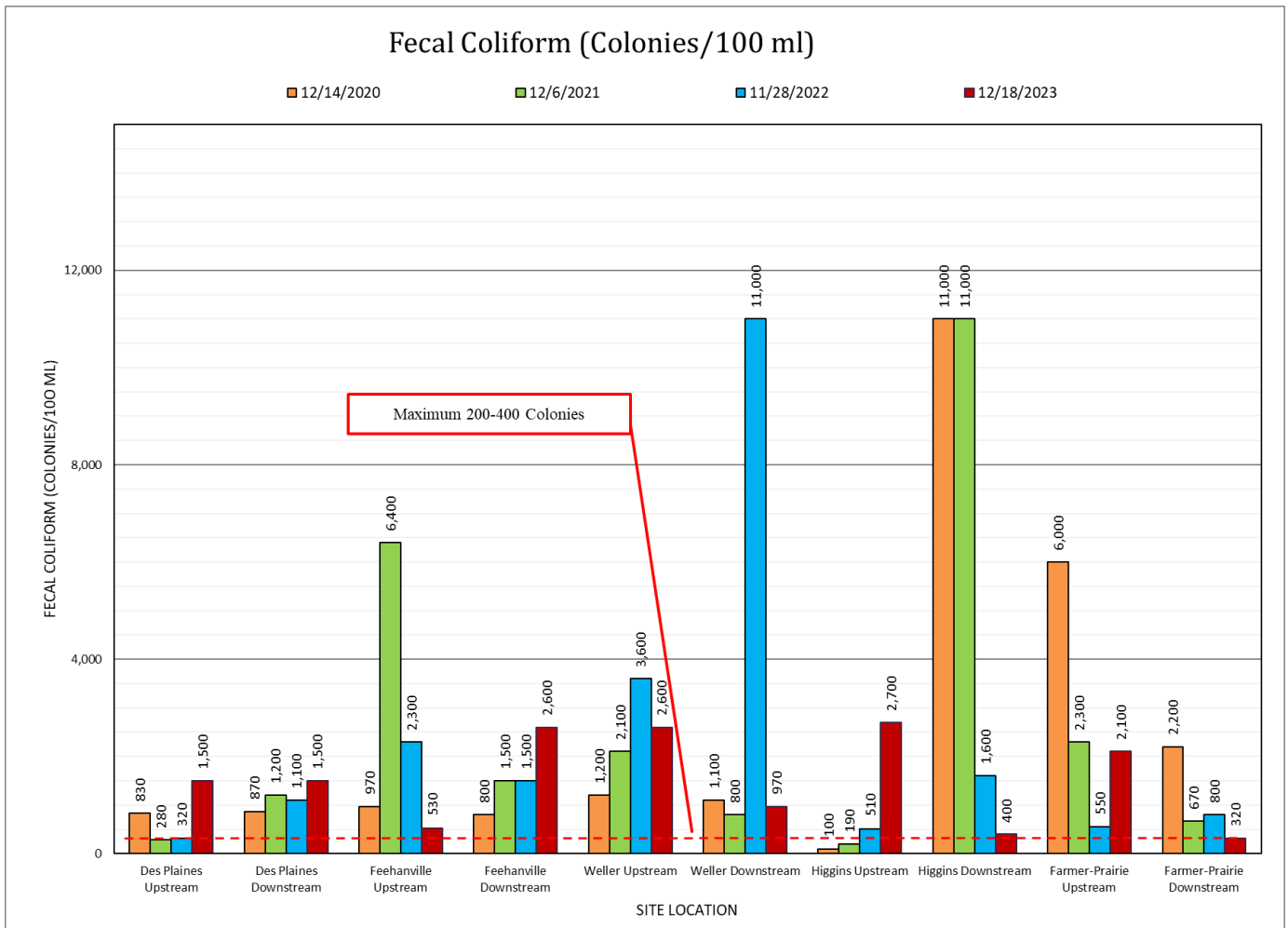


Fecal Coliform

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.

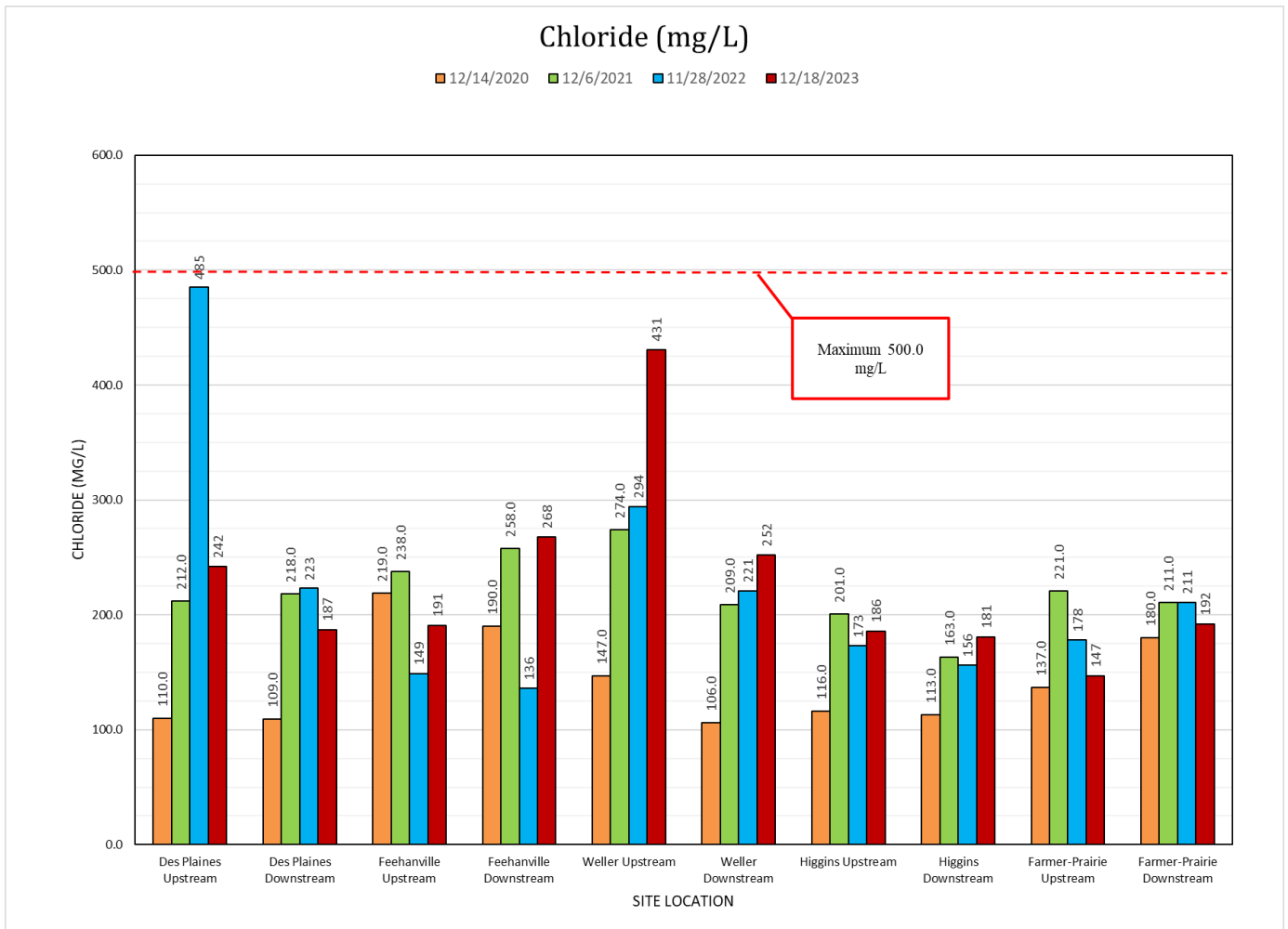
The IEPA has determined that the Des Plaines River and Higgins Creek are impaired for fecal coliform (IEPA Assessment, 2018). Results of the fecal coliform testing conducted from 2020-2023 are provided in the graph below. In 2023, all of the sites exceeded the 200 cfu/100 ml threshold, except for Downstream Higgins and Downstream Farmer-Prairie. 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 2020-2023 are provided in the graph below. In 2023, none of the test results exceeded the 500.0 mg/L standard. It should be noted the downstream Weller location has nearly tripled from 2021.

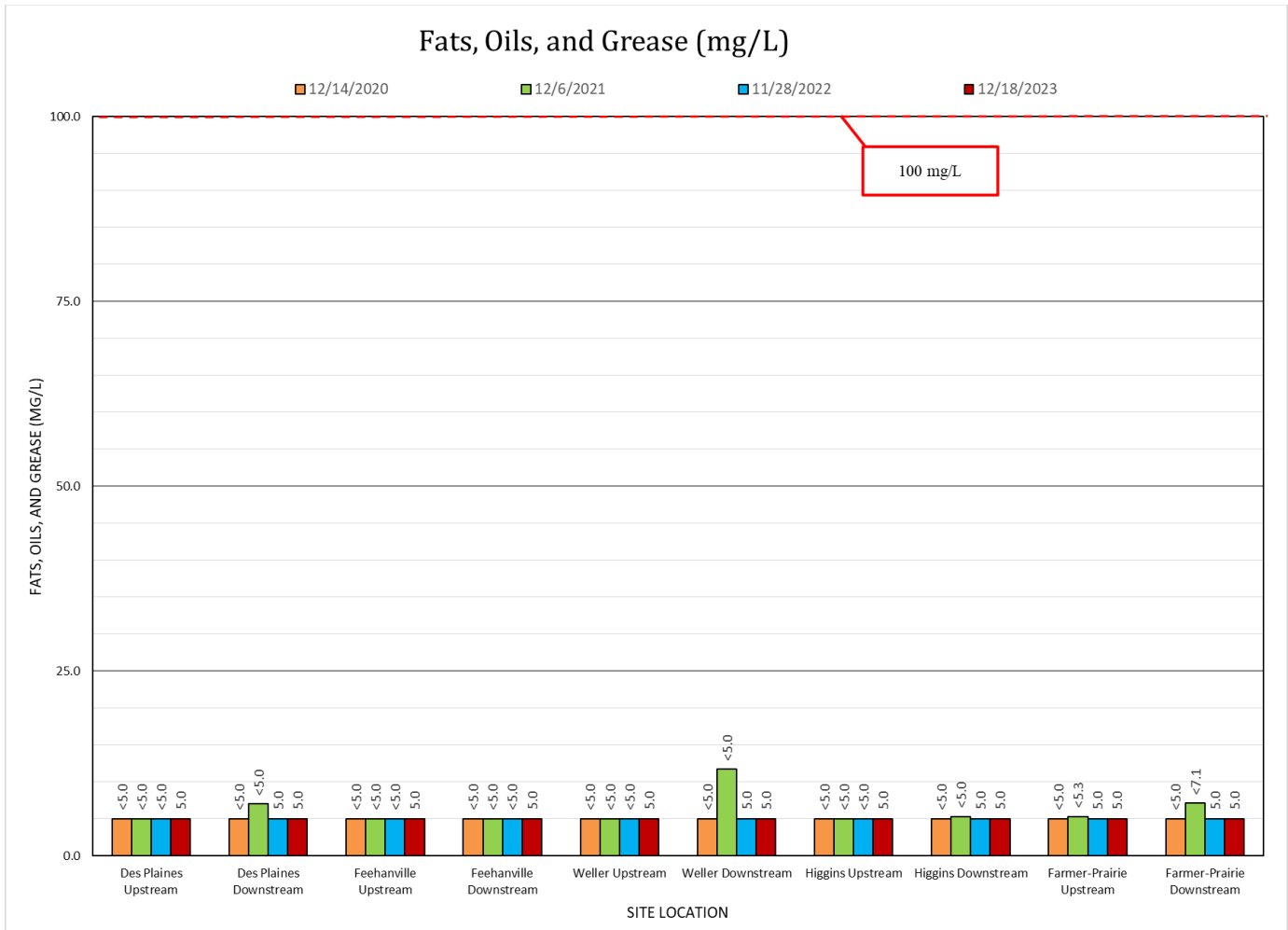


Fats, Oils, and Grease

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 2020-2023 are provided in the graph below. In 2023, none of the sites exceeded the 100 mg/L threshold.

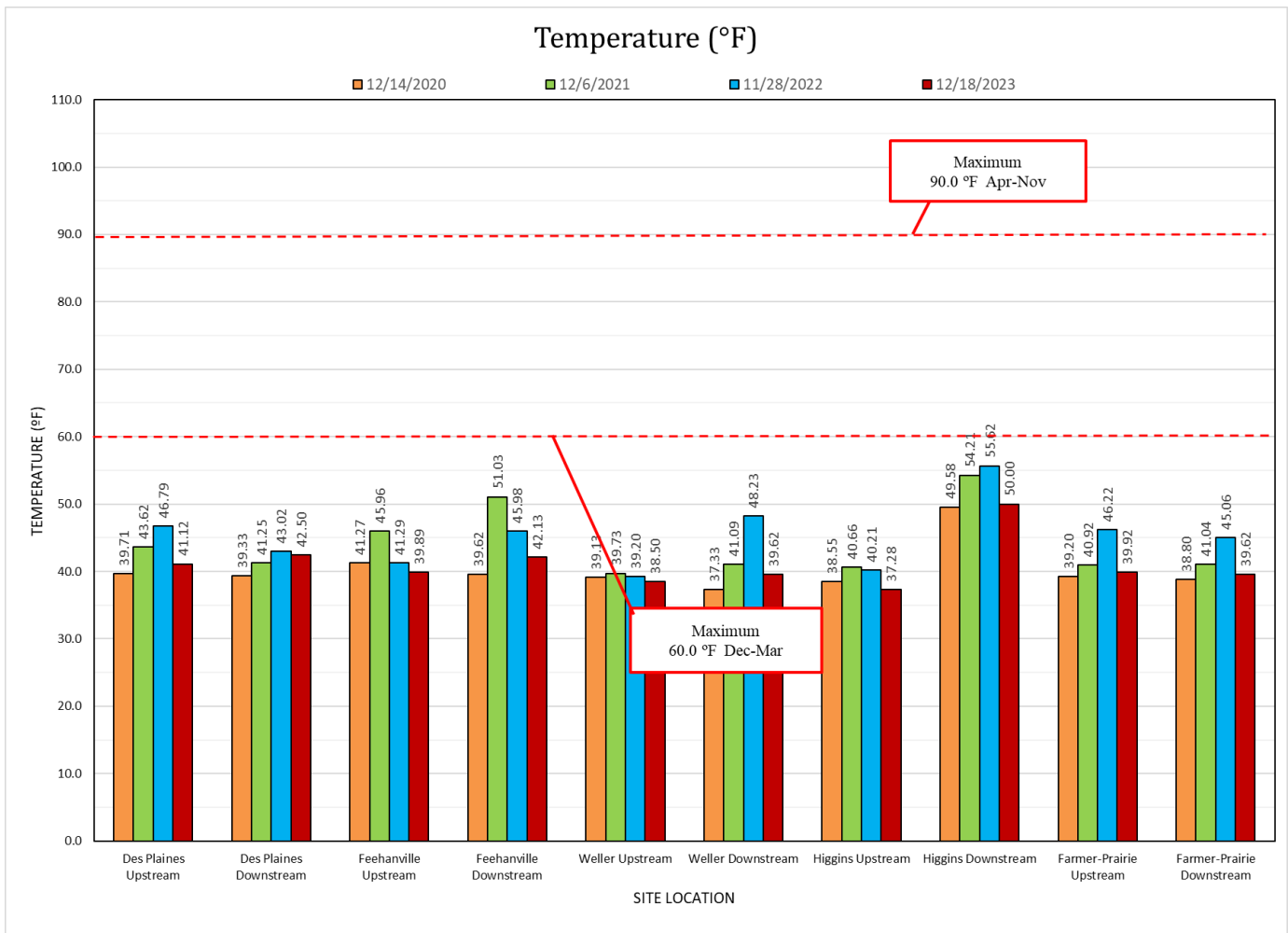


Temperature

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 2020-2023 are provided in the graph below. In 2023, all locations were within the normal temperature range.

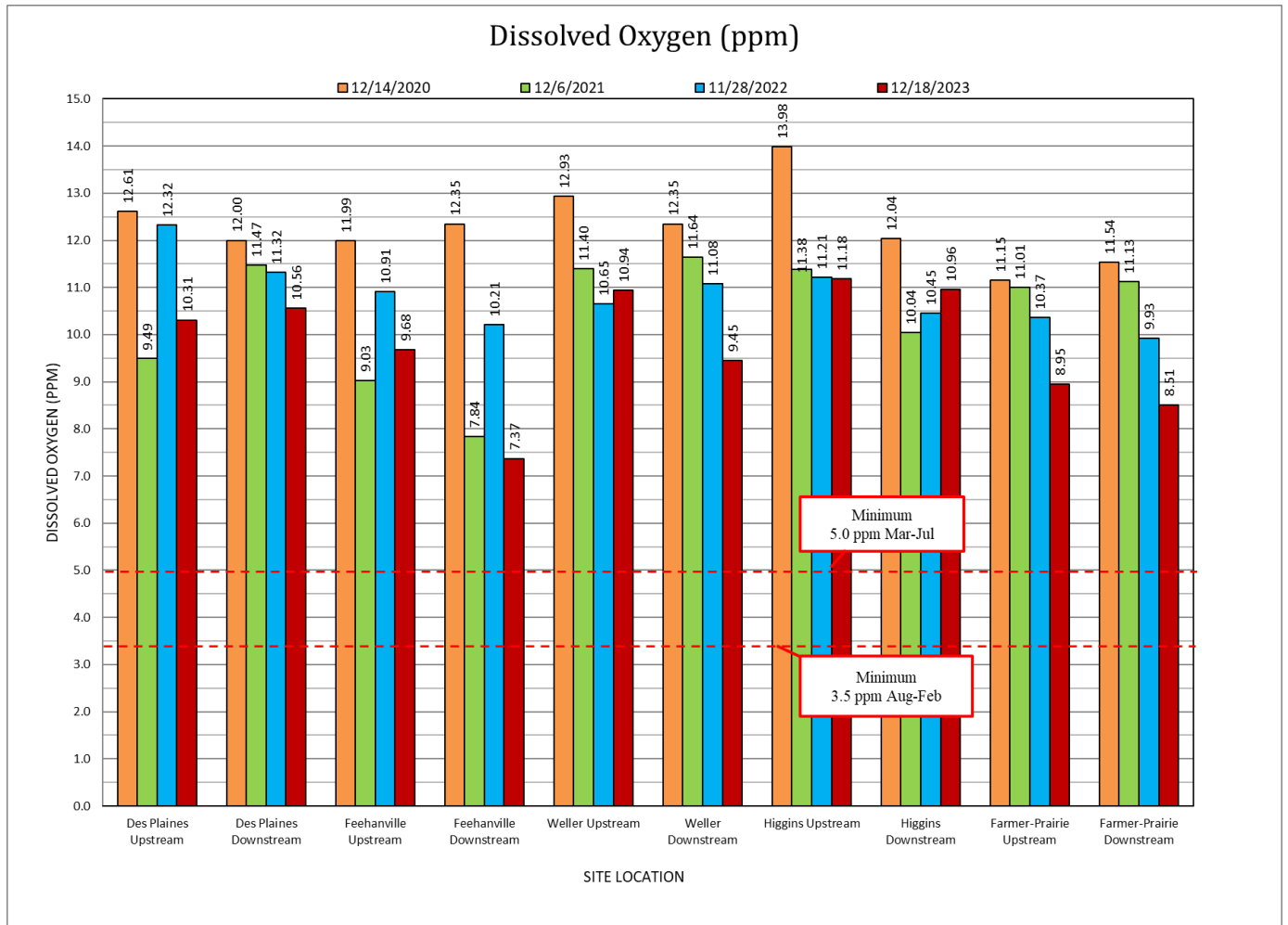


Dissolved Oxygen

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).

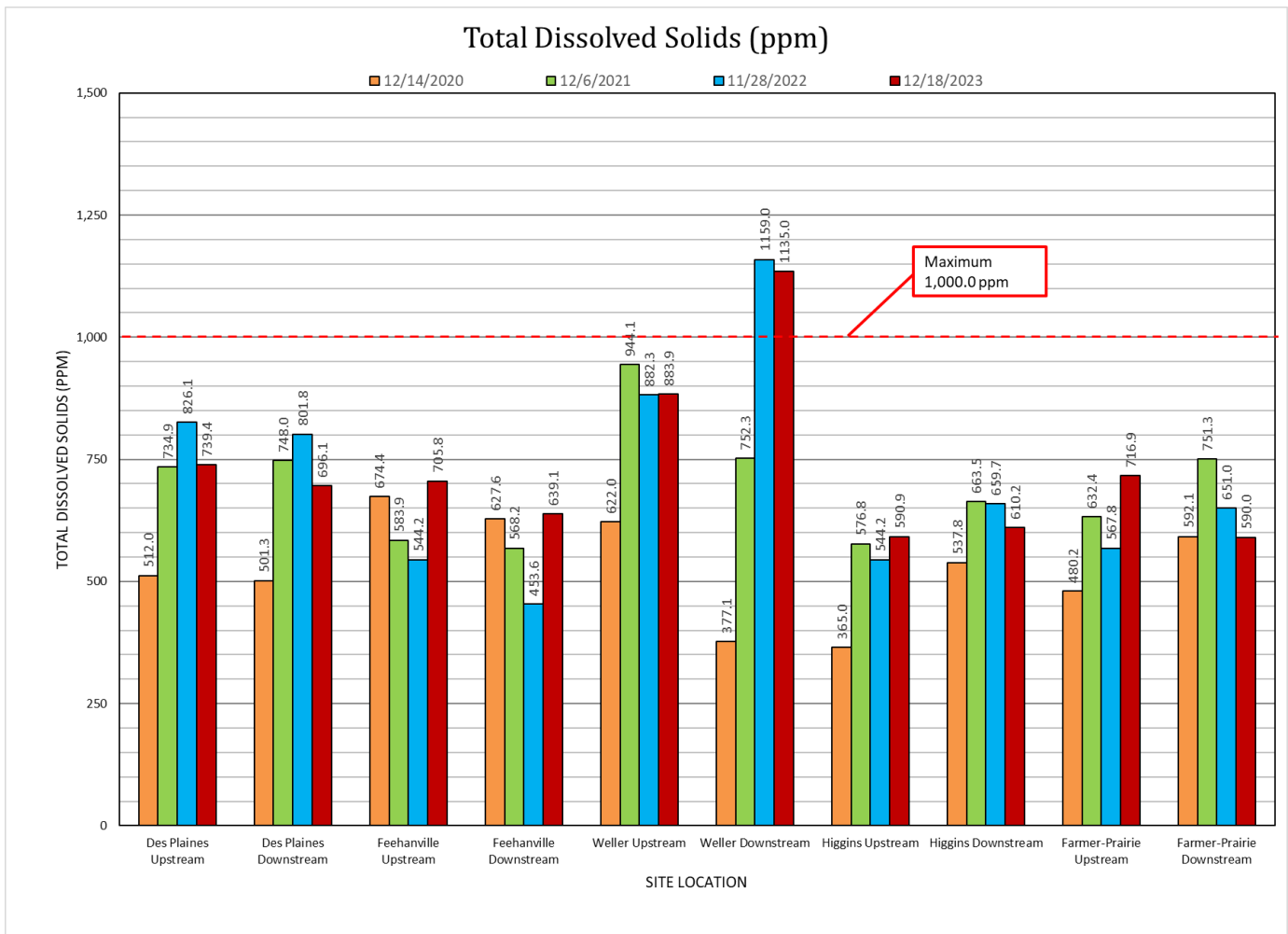
The established minimum for DO level is 5.0 parts per million (ppm) between March and July and 3.5 ppm between August and February. Results of the DO testing conducted from 2020-2023 are provided in the graph below. In 2023, all test results met the minimum levels.



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 2020-2023 are provided in the graph below. In 2023, one location was noted to exceed the maximum TDS 1000.0 ppm threshold.

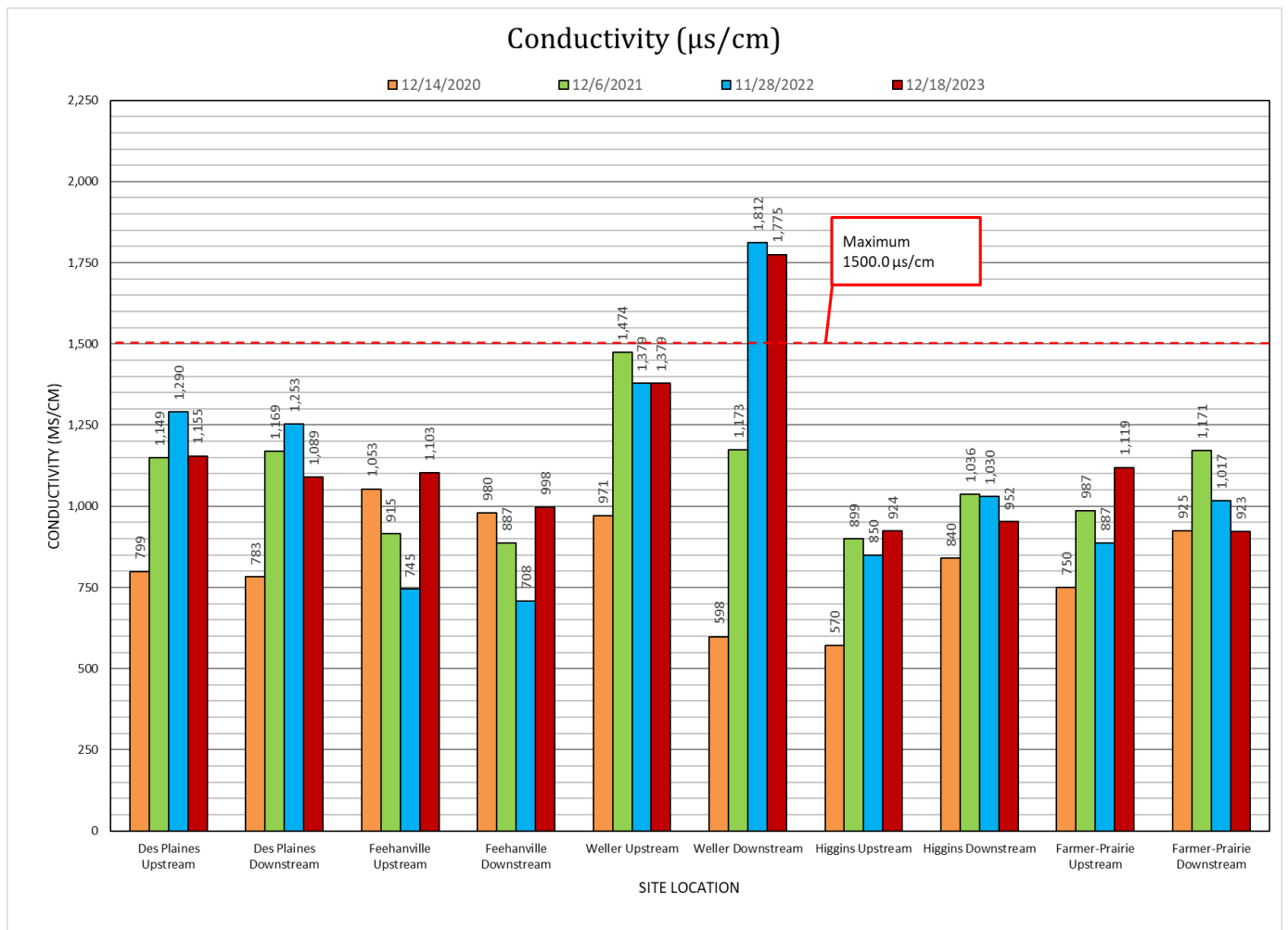


Conductivity

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 2020-2023 are provided in the graph below. In 2023, one location of all testing sites was noted to exceed the 1,500 $\mu\text{s}/\text{cm}$ threshold for conductivity.

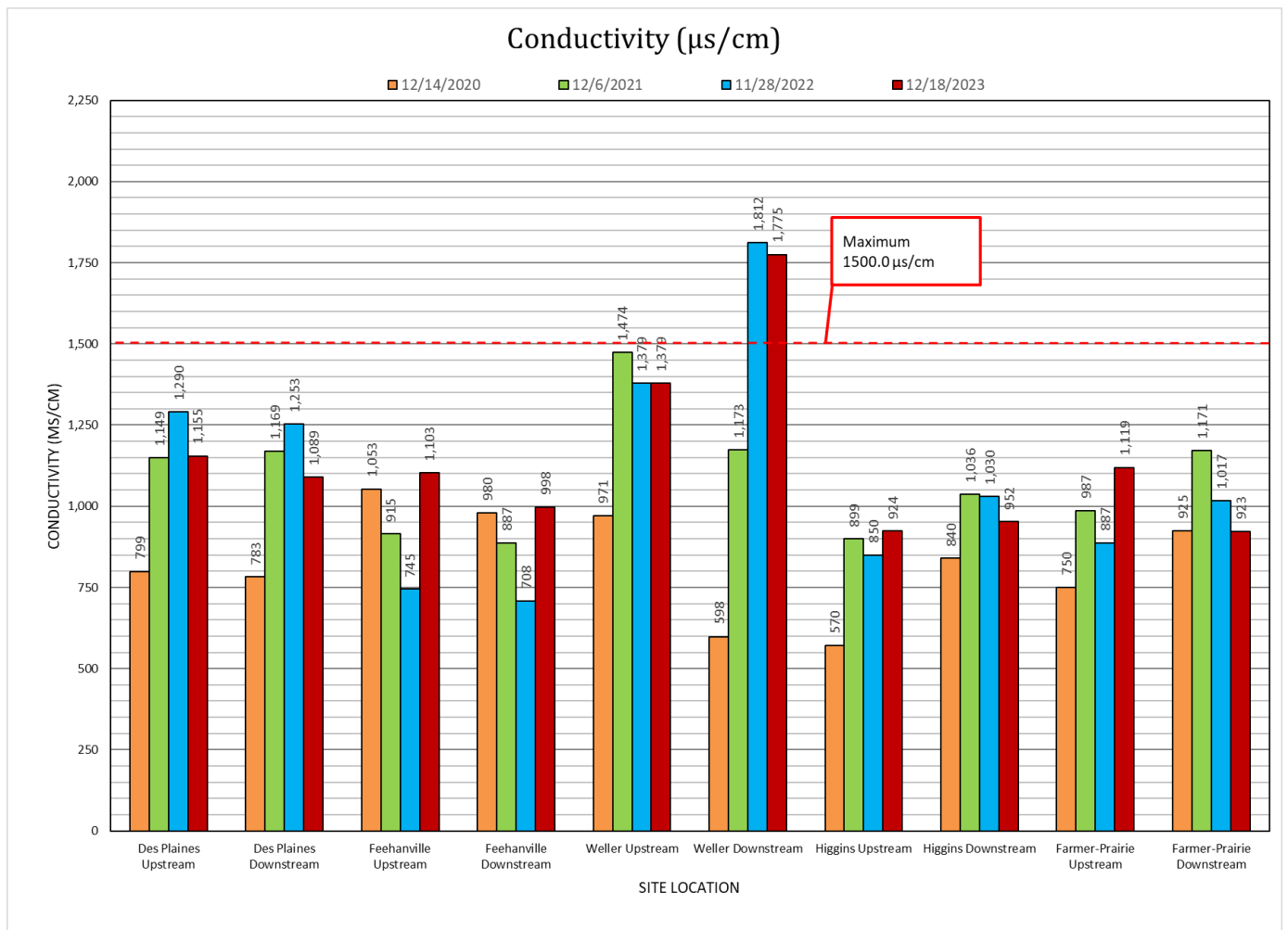


Turbidity

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.

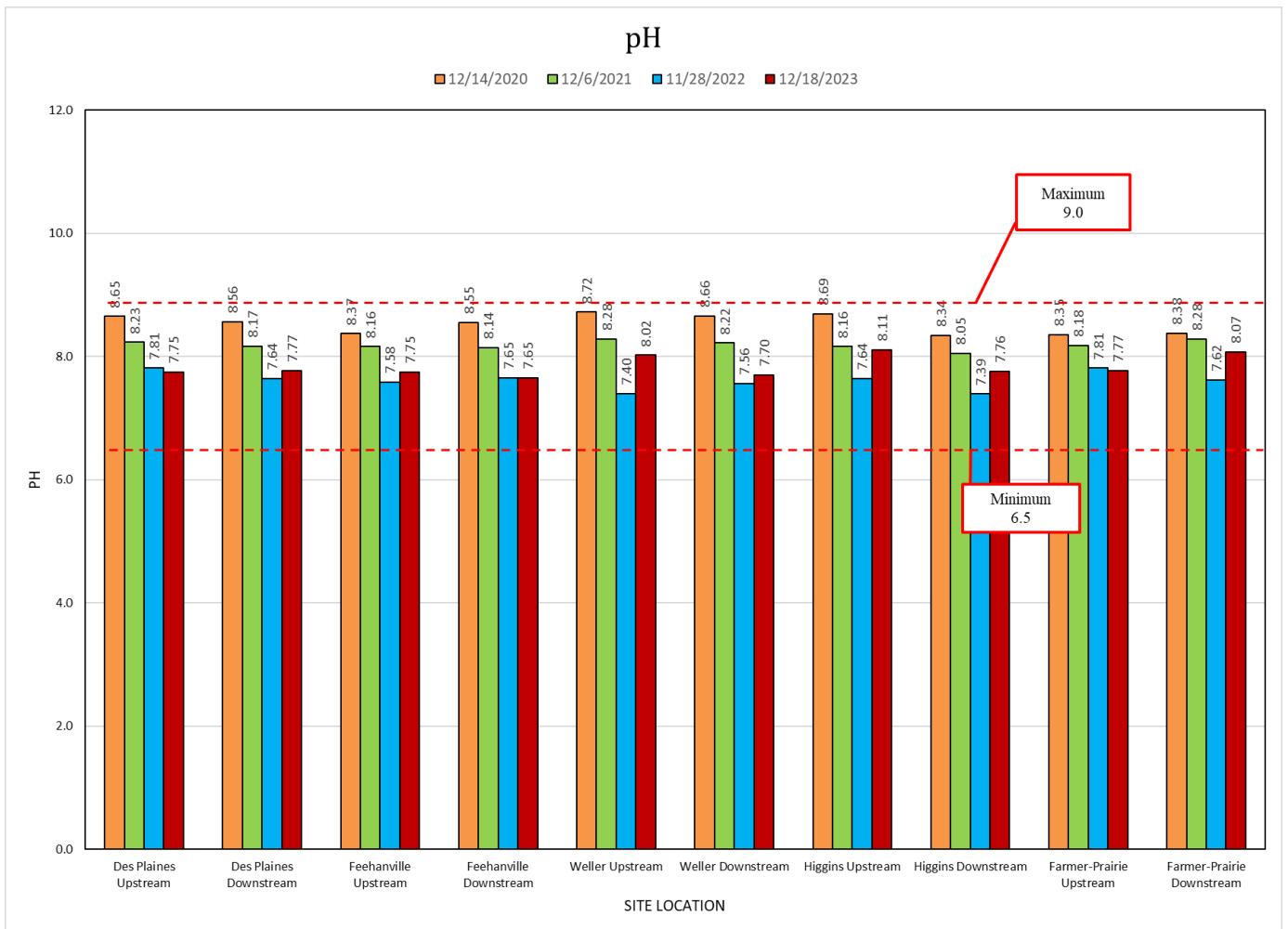
While there is no water quality standard in Illinois for turbidity, other states have ambient water quality standards ranging from 10 NTU to 50 NTU. Therefore, a value of 50 NTU is established for turbidity in this analysis. Results of the turbidity testing conducted from 2020-2023 are provided in the graph below. In 2023, all 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 2020-2023 are provided in the graph below. In 2023, all results are within the established range.



VI. Summary

None of the results from 2023 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 2022 and 2023 are noted below.

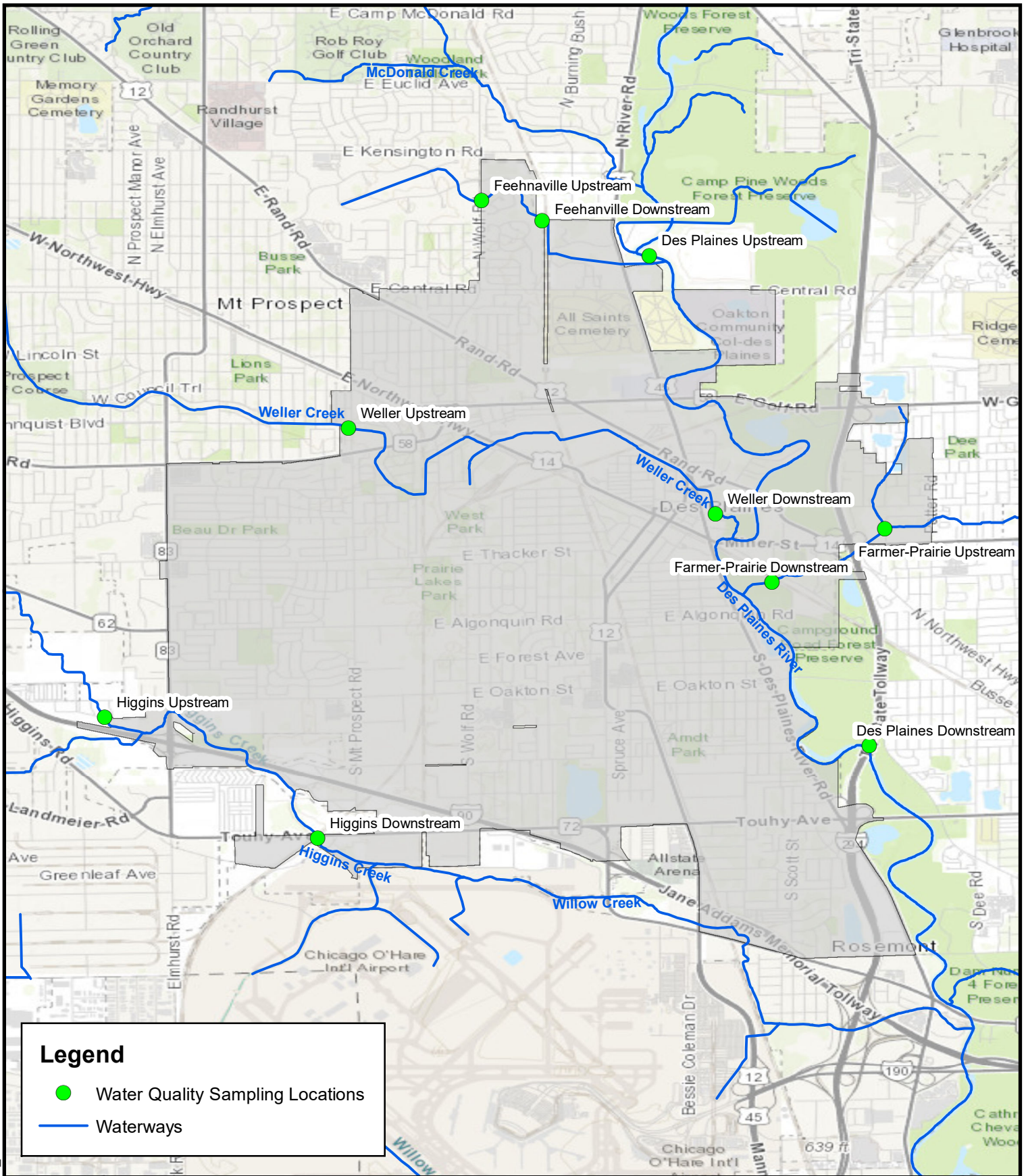
The overall water quality conditions on the five sites (ten total locations – upstream and downstream) did not change drastically from 2022 to 2023. The significant differences were observed for total nitrogen, total phosphorus, fecal coliform, and total dissolved solids.

Five of the Phosphorous samples increased while the other five decreased from the previous reporting year. Additionally, seven of the ten samples exceeded the allowable threshold. Suspended Solids, Nitrogen, Chloride, Dissolved Oxygen, Turbidity, and pH all remained within the threshold. Only one Fecal Coliform sample continued to exceed above the allowable threshold. Dissolved Solids and Conductivity each had one sample exceed the maximum threshold. The City of Des Plaines should consider evaluating if activities occurring between the upstream and downstream testing locations may be causing fluctuations in readings. Seven of the ten Phosphorus sample locations were above the maximum threshold;

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

L:\GIS\Illinois\Municipality\Des Plaines0_WQ\Locations Des Plaines Map 1.mxd



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

Proj: 000.DSDS01.03



Legend


- Water Quality Sampling Locations

L:\GIS\Illinois\Municipality\Des Plaines\0_WQ\Locations Des Plaines Map 2.1.mxd



Manhard
CONSULTING

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



NORTH
Not to Scale

Date: 02/28/2018

MAP 2
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 3.mxd



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

L:\GIS\Illinois\Municipality\Des Plaines\0_WQ\Locations Des Plaines Map 4.mxd



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



Manhard
CONSULTING

900 Woodlands Parkway, Vernon Hills, Illinois 60061
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



Manhard
CONSULTING

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



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



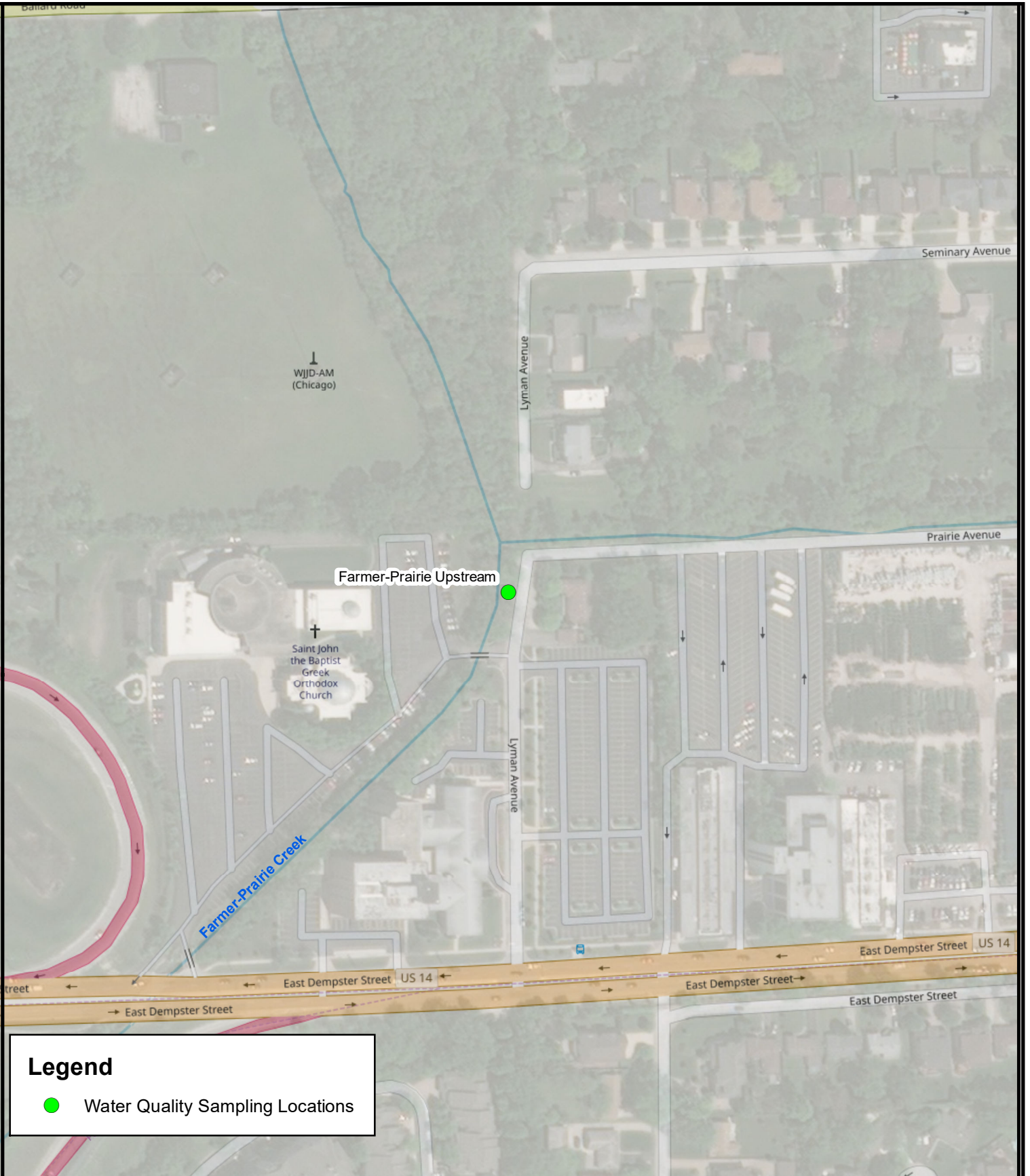
NORTH
Not to Scale

Date: 04/24/2017

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

Proj: 000.DSDS01.03

L:\GIS\Illinois\Municipality\Des Plaines0_WQ\Locations Des Plaines Map 8.mxd



Legend

- Water Quality Sampling Locations



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

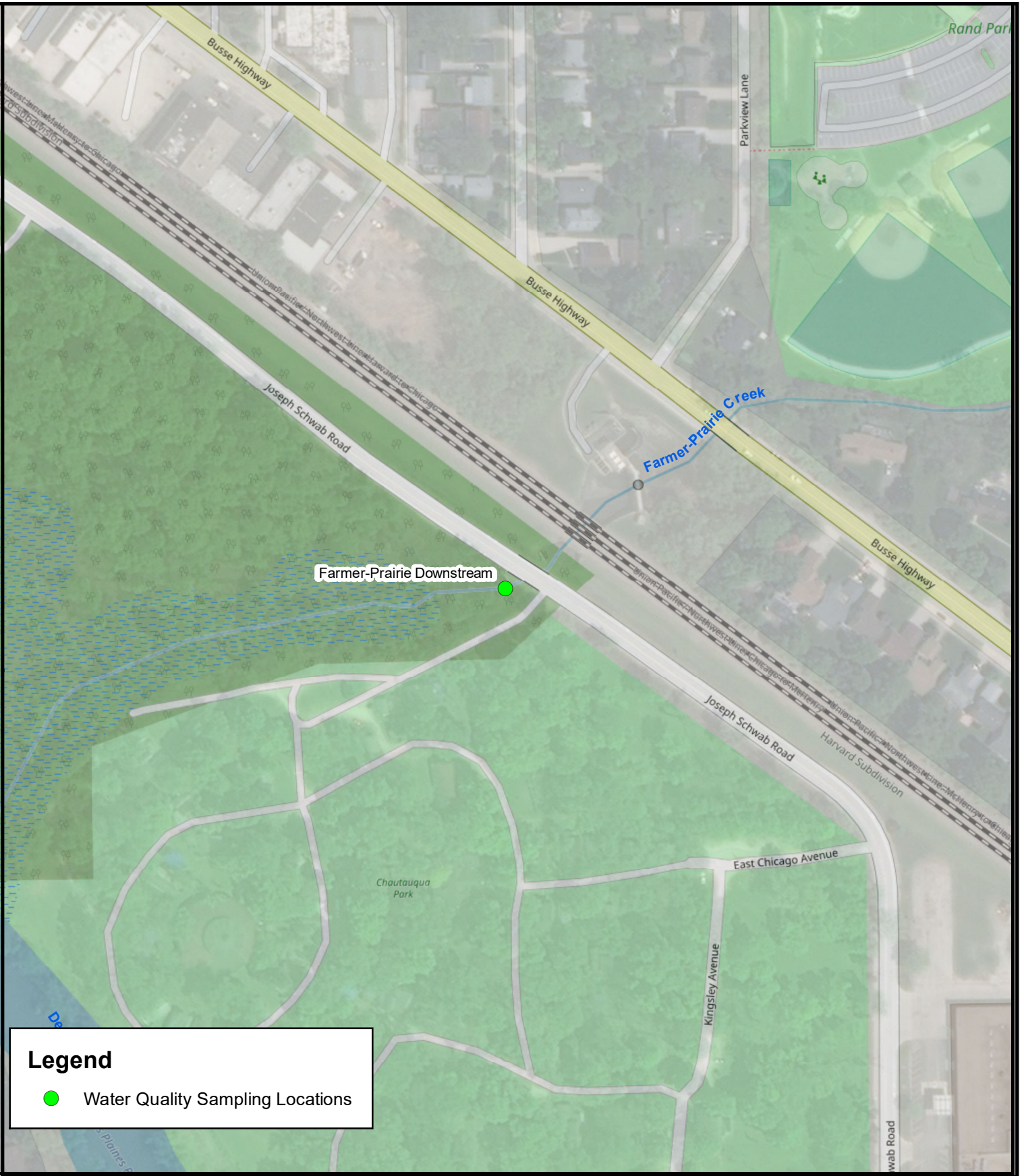
NORTH
Not to Scale

Date: 04/24/2017

MAP 8
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 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: Des Plaines NPDES Project - Aquatic Ecosystems Management

Collection Date: 12-18-23
Collected by: Matt Rudy

Received Date: 12-18-23
Received Time: 10:30 10:55
Received By: TC

Lab Sample ID	Sample Site:	Collection Time:	Sample Point	TEMPERATURE: FIELD TESTED	TOTAL CHLORINE: FIELD TESTED
Feehanville Upstream	Des Plaines # 1	8:32 ^{Am}	as per attached map	39.89	23LC280-01
Feehanville Downstream	Des Plaines # 2	8:10 ^{Am}	as per attached map	42.13	23LC280-02
Des Plaines Upstream	Des Plaines # 3	8:41 ^{Am}	as per attached map	41.12	23LC280-03
Weller Upstream	Des Plaines # 4	9:05	as per attached map	38.50	23LC280-04
Weller Downstream	Des Plaines # 5	10:23	as per attached map	39.62	23LC280-05
Farmer-Prairie Upstream	Des Plaines # 6	10:36	as per attached map	39.92	23LC280-06
Farmer-Prairie Downstream	Des Plaines # 7	10:07	as per attached map	39.10	23LC280-07
Des Plaines Downstream	Des Plaines # 8	9:57 ^{Am}	as per attached map	42.50	23LC280-08
Higgins Downstream	Des Plaines # 9	9:37 ^{Am}	as per attached map	50.00	23LC280-09
Higgins Upstream	Des Plaines # 10	9:23 ^{Am}	as per attached map	37.28	23LC280-10

MICROBIOLOGY:
Fecal Coliform _____

CHEMICAL ANALYSIS:
TSS _____
Total Nitrogen _____
Total Phosphorus _____
Chloride _____
Fats/Oils/Greases _____

Container: 2L M N PLAS Other:

Preservation: _____

Mail Report to:

Phone: _____ e-mail: _____



22-Dec-2023

Mike Perkaus
Aquatic Ecosystems Management
1801 Holste Rd.
Northbrook, IL 60062

Re: **Des Plaines NPDES**

Work Order: **23121558**

Dear Mike,

ALS Environmental received 2 samples on 19-Dec-2023 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 11.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

Certificate No: FL E871106

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Client: Aquatic Ecosystems Management
Project: Des Plaines NPDES
Work Order: 23121558

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
23121558-01	Des Plaines River Upstream	Water		12/18/2023 08:47	12/19/2023 09:30	<input type="checkbox"/>
23121558-02	Des Plaines River Downstream	Water		12/18/2023 09:57	12/19/2023 09:30	<input type="checkbox"/>

Client: Aquatic Ecosystems Management**Project:** Des Plaines NPDES**Work Order:** 23121558**Case Narrative**

Samples for the above noted Work Order were received on 12/19/2023. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Extractable Organics:

No other deviations or anomalies were noted.

Metals:

No other deviations or anomalies were noted.

Client: Aquatic Ecosystems Management
Project: Des Plaines NPDES
WorkOrder: 23121558

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Analyte accreditation is not offered
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

ALS Group, USA

Date: 22-Dec-2023

Client: Aquatic Ecosystems Management

Project: Des Plaines NPDES

Work Order: 23121558

Sample ID: Des Plaines River Upstream

Lab ID: 23121558-01

Collection Date: 12/18/2023 08:47 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW8082A	Prep: SW3511	12/21/23 13:36	Analyst: RM
Aroclor 1016		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1221		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1232		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1242		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1248		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1254		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1260		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1262		U	0.20	µg/L	1	12/21/2023 07:38 PM
Aroclor 1268		U	0.20	µg/L	1	12/21/2023 07:38 PM
PCBs, Total		U	0.20	µg/L	1	12/21/2023 07:38 PM
<i>Surr: Decachlorobiphenyl</i>	104		45-143	%REC	1	12/21/2023 07:38 PM
<i>Surr: Tetrachloro-m-xylene</i>	65.3		64-125	%REC	1	12/21/2023 07:38 PM
MERCURY BY CVAA			SW7470A	Prep: SW7470	12/19/23 14:22	Analyst: KRA
Mercury		U	0.00020	mg/L	1	12/19/2023 05:14 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 22-Dec-2023

Client: Aquatic Ecosystems Management

Project: Des Plaines NPDES

Work Order: 23121558

Sample ID: Des Plaines River Downstream

Lab ID: 23121558-02

Collection Date: 12/18/2023 09:57 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW8082A	Prep: SW3511	12/21/23 13:36	Analyst: RM
Aroclor 1016		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1221		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1232		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1242		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1248		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1254		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1260		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1262		U	0.20	µg/L	1	12/21/2023 07:50 PM
Aroclor 1268		U	0.20	µg/L	1	12/21/2023 07:50 PM
PCBs, Total		U	0.20	µg/L	1	12/21/2023 07:50 PM
<i>Surr: Decachlorobiphenyl</i>	89.2		45-143	%REC	1	12/21/2023 07:50 PM
<i>Surr: Tetrachloro-m-xylene</i>	75.7		64-125	%REC	1	12/21/2023 07:50 PM
MERCURY BY CVAA			SW7470A	Prep: SW7470	12/19/23 14:22	Analyst: KRA
Mercury		U	0.00020	mg/L	1	12/19/2023 05:16 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Aquatic Ecosystems Management
Work Order: 23121558
Project: Des Plaines NPDES

QC BATCH REPORT

Batch ID: **231346** Instrument ID **GC14** Method: **SW8082A**

MBLK		Sample ID: PBLKW1-231346-231346				Units: µg/L		Analysis Date: 12/21/2023 06:39 PM			
Client ID:		Run ID: GC14_231221B				SeqNo: 10346757		Prep Date: 12/21/2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	U	0.20									
Aroclor 1221	U	0.20									
Aroclor 1232	U	0.20									
Aroclor 1242	U	0.20									
Aroclor 1248	U	0.20									
Aroclor 1254	U	0.20									
Aroclor 1260	U	0.20									
Aroclor 1262	U	0.20									
Aroclor 1268	U	0.20									
PCBs, Total	U	0.20									
<i>Surr: Decachlorobiphenyl</i>	<i>0.2302</i>	<i>0</i>	<i>0.25</i>	<i>0</i>	<i>92.1</i>	<i>45-143</i>	<i>0</i>				
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.1862</i>	<i>0</i>	<i>0.25</i>	<i>0</i>	<i>74.5</i>	<i>64-125</i>	<i>0</i>				

LCS		Sample ID: PLCSW1-231346-231346				Units: µg/L		Analysis Date: 12/21/2023 07:03 PM			
Client ID:		Run ID: GC14_231221B				SeqNo: 10346759		Prep Date: 12/21/2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	4.812	0.20	5	0	96.2	77-126	0				
Aroclor 1260	4.751	0.20	5	0	95	66-126	0				
<i>Surr: Decachlorobiphenyl</i>	<i>0.2464</i>	<i>0</i>	<i>0.25</i>	<i>0</i>	<i>98.6</i>	<i>45-143</i>	<i>0</i>				
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.2216</i>	<i>0</i>	<i>0.25</i>	<i>0</i>	<i>88.6</i>	<i>64-125</i>	<i>0</i>				

LCSD		Sample ID: PLCSDW1-231346-231346				Units: µg/L		Analysis Date: 12/21/2023 07:15 PM			
Client ID:		Run ID: GC14_231221B				SeqNo: 10346760		Prep Date: 12/21/2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	4.838	0.20	5	0	96.8	77-126	4.812	0.545	20		
Aroclor 1260	5.027	0.20	5	0	101	66-126	4.751	5.64	20		
<i>Surr: Decachlorobiphenyl</i>	<i>0.248</i>	<i>0</i>	<i>0.25</i>	<i>0</i>	<i>99.2</i>	<i>45-143</i>	<i>0.2464</i>	<i>0.647</i>	<i>20</i>		
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.2174</i>	<i>0</i>	<i>0.25</i>	<i>0</i>	<i>87</i>	<i>64-125</i>	<i>0.2216</i>	<i>1.91</i>	<i>20</i>		

The following samples were analyzed in this batch:

23121558-01A	23121558-02A
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Client: Aquatic Ecosystems Management

QC BATCH REPORT

Work Order: 23121558

Project: Des Plaines NPDES

Batch ID: 231204

Instrument ID HG5

Method: SW7470A

MBLK		Sample ID: MBLK-231204-231204				Units: mg/L		Analysis Date: 12/19/2023 04:45 PM		
Client ID:		Run ID: HG5_231219B		SeqNo: 10333015		Prep Date: 12/19/2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020								

LCS		Sample ID: LCS-231204-231204				Units: mg/L		Analysis Date: 12/19/2023 04:47 PM		
Client ID:		Run ID: HG5_231219B		SeqNo: 10333016		Prep Date: 12/19/2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.002055	0.00020	0.002	0	103	80-120	0			

MS		Sample ID: 23121498-01AMS				Units: mg/L		Analysis Date: 12/19/2023 05:08 PM		
Client ID:		Run ID: HG5_231219B		SeqNo: 10333028		Prep Date: 12/19/2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00198	0.00020	0.002	0.000027	97.6	75-125	0			

MSD		Sample ID: 23121498-01AMSD				Units: mg/L		Analysis Date: 12/19/2023 05:10 PM		
Client ID:		Run ID: HG5_231219B		SeqNo: 10333029		Prep Date: 12/19/2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.001935	0.00020	0.002	0.000027	95.4	75-125	0.00198	2.3	20	

The following samples were analyzed in this batch:

23121558-01B 23121558-02B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Sample Receipt Checklist

Client Name: AQUATICECOSYSTEMS

Date/Time Received: 19-Dec-23 09:30

Work Order: 23121558

Received by: JD

Checklist completed by Jason Delinger 19-Dec-23
eSignature Date

Reviewed by: Chad Whelton 19-Dec-23
eSignature Date

Matrices: Water

Carrier name: FedEx

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Container/Temp Blank temperature in compliance? Yes No

Sample(s) received on ice? Yes No

Temperature(s)/Thermometer(s): 3.3/3.3 c DF2

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: 12/19/2023 11:00:51 AM

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes: ph<2

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: