Illinois Environmental Protection Agency

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

Division of Water Pollution Control
ANNUAL FACILITY INSPECTION REPORT
for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

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

Report Period: From March, 2022 To March, 2023

Permit No. ILR40 0289

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

Name: VILLAGE OF BEDFORD PARK Mailing Address 1: 6701 S. ARCHER ROAD

Mailing Address 2: County: Cook

City: BEDFORD PARK State: IL Zip: 60501 Telephone: 708-458-4038

Contact Person: KEVIN ORMINS Email Address: KEVIN@VILLAGEOFBEDFORDPARK.COM
(Person responsible for Annual Report)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
LYONS TOWNSHIP
COOK COUNTY
STICKNEY TOWNSHIP

THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

1. Public Education and Outreach ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
6. Pollution Prevention/Good Housekeeping ☐

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

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

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

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

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

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

Kevin Ormins
Owner Signature:

6-2-23
Date:

KEVIN ORMINS
Printed Name:

SUPERINTENDENT
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

ADMINISTRATIVE REVISIONS TO THE NOTICE OF INTENT

Revisions to the original Notice of Intent (NOI) are reflected below.

MS4 Operator Mailing Address: Yes _____ No __X__

_____

_____

_____

_____

Persons Responsible: Yes __X__ No _____

Name: Kevin Ormins

Title: Superintendent

Telephone Number: (718) 458-4038

Area of Responsibility: MS4 Permit Compliance

Introduction

In 2017, the Village of Bedford Park, Illinois, began documenting activities which demonstrated compliance with the National Pollutant Discharge Elimination System (NPDES) for Municipal Separate Storm Sewer Systems (MS4) Phase II requirements. The Village was active during this reporting period. Progress was made developing Best Management Practices (BMPs) for document retention, operation procedures, and maintenance activities.

Best Management Practice (BMP) Summary of 2022-2023 Activities

In January 2021, the Village of Bedford Park submitted a completed NOI in compliance with the next 5-year cycle. The Village has identified certain activities to comply with the Phase II requirements. Below is an abbreviated summary of the BMPs that were written in the completed NOI for each of the minimum control measures.

March 2022-February 2023:

A.1- Stormwater brochures for businesses, homeowners, and children are available for pickup year-round at the Village Hall and library.

A.4- The Village of Bedford Park participated in the Village Picnic and stormwater brochures were distributed in each attendee's take-home bag.

.

A.5- The Village is working with a consultant to develop an educational stormwater program event for children at the Village library.

B.1- The Village and an engineering consultant are developing resident survey questions to ask at the next Village board meeting.

B.6- Bedford Park reinstated programs related to stormwater activities and recycling programs. The community will track its participation for annual reports.

C.1- An atlas of the storm sewer system is being gradually prepared in GIS.

C.2- The community has had their ordinances to address illicit discharges and provide for public notification professionally reviewed and approved.

C.5- The inlet stenciling program re-stencils all necessary inlets annually.

C.9- The Village is determining two sites to post new "No Dumping" signs.

D.4, E.2, E.5- Bedford Park storm water ordinances will be updated as needed. A SWPPP is required on site plans disturbing more than one acre to be checked during plan review. Runoff control ordinances will be enforced, and stormwater control facilities maintained.

D.6, E.5- Construction sites over one (1) acre of disturbed land and BMPs are inspected by a contracted engineering firm. Construction site SWPPP measures will be enforced.

F.1- The community will participate in annual operations training to discuss operations-related tasks that can potentially impact storm water runoff.

F.2- The Village will train staff on appropriate pollution prevention and good housekeeping procedures for those whose jobs may potentially impact storm water runoff.

F.6- Bedford Park will begin to annually review municipal operating procedures and BMPs and modify them when necessary.

The following pages highlight changes made to the BMPs from the NOI, BMP status, and activities planned for the next reporting year. It is to be noted that some BMPs may in the future continue to the next NOI, but some may be stopped, and others added to fulfill the requirements of the permit.

Village of Bedford Park FOIA Officer for the reporting year:

Name: Yvette Solis

Title: Village Clerk

Telephone Number: (708) 458-2067 x 396

COMMUNITY NAME: *Village of Bedford Park* **PERMIT #:** *ILR400289*

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

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. A.1 - Distributed Paper Materials- Informational Brochures								
Milestone For Reporting Year: Promote the availability of brochures to the residents.								
Now available at multiple locations.	X		The Village has informative stromwater brochures available year-round at the Village Hall, and also now at the library.	All attendees have received Village stormwater informative material.	X		The Village will continue to update brochures as needed to address new topics, such as green infrastructure and climate change.	On-going through 2022-2023 permit year.
BMP No. A.4- Community Event- Promote Stormwater Programs and Request Feedback at the Village Picnic								
Milestone For Reporting Year: The Village Public Works Department participated in the Village Picnic.								
Resumed post-covid.	X		The Village has given out educational stormwater brochures in take-home bags from the Village picnic.	Approximately two hundred (200) stormwater brochures were distributed, one per household.	X		The Village is responsible for picnic participation and tracking the number of brochures handed out.	Annually
BMP No. A.5- Classroom Education Material								
Milestone For Reporting Year: Village will distribute educational materials and track the number of brochures and other materials handed out to the schools.								
Resumed in-person outreach.	X		The Village and Consultant (RJN Group) are developing an educational program on stormwater topics for students to be presented at the Village library.			X	The Village, with RJN, will work with the library program coordinator to host a program to interact with students about stormwater topics.	On-going through 2022-2023 permit year.

COMMUNITY NAME: *Village of Bedford Park* **PERMIT #:** *ILR400289*

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

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. B-1- Public Panel - Interact with Residents and Determine Stormwater Priorities								
Milestone For Reporting Year: Group to meet at least twice annually to establish storm water management priorities.								
New questions drafted to re-engage with residents in this setting.	X		The Village has drafted survey questions to ask to residents at an upcoming Village meeting. These questions will gauge residents approval of the Village's stormwater management, and allow any opportunities for further community engagement to present themselves.			X	Public survey and engagement	On-going through 2022-2023 permit year.
BMP No. B.6- Hosting Resident Participation Events to Improve Water Quality								
Milestone for Reporting Year: Communicate events to the public. Include activity highlights and numbers in annual report.								
		X	The Village will continue to promote programs related to stormwater activities and recycling. This includes a pickup program from hazardous materials. Multiple media outlets will be used to communicate with community members.			X	Village will continue to promote programs related to stormwater activities. Multiple media outlets will be used to communicate with commity members.	On-going through 2022-2023 permit year.
BMP No. C.1- Storm Sewer Map Preparation								
Milestone for Reporting Year: Add new stormwater assets in to GIS.								
		X	The Village reviewed their storm sewer atlas and found that it is 50% complete as of Feburary 2023. The storm sewer system atlas will be updated at a minimum rate of 8% per year until complete, beginning in March 2020.		X		The Village will continue to add storm sewer assets to its atlas.	On-going through 2022-2023 permit year.

COMMUNITY NAME: *Village of Bedford Park* **PERMIT #:** *ILR400289*

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

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for Illicit discharge/public notification								
Milestone for Reporting Year: Communication in Illicit Discharge/brochures will be distributed to the community.								
Formal legal review was performed.	X		The Village hired a lawyer to review their stormwater ordinances, and the lawyer confirmed that the Village ordinances are legally sufficient.			X	The Village will continue to adhere to updates.	On-going through 2022-2023 permit year.
BMP No. C.5- Inlet Stenciling								
Milestone for Reporting Year: Survey condition of inlet stencils.								
	X		The Village assessed the condition of stencils and currently 100% of the inlets are marked. The Village will re-stencil the inlets annually. May use paint stencils.			X	The Village will survey stencils previously installed, replace ones that need to be replaced, and assure all new inlets are installed with stencils.	On-going through 2022-2023 permit year.
BMP No. C.9- Public Notification								
Milestone for Reporting Year: Community will update the illicit discharge ordinance brochure.								
Increasing awareness through signage.	X		The Village is scouting out two sites to put new "No Dumping" signs.			X	Install two new signs at two new sites (one per site).	On-going through 2022-2023 permit year.

COMMUNITY NAME: *Village of Bedford Park* **PERMIT #:** *ILR400289*

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

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMPs No. D.4, E.2, E.5- Site Plan and Construction Review Procedures								
Milestone for Reporting Year: Adopt Village ordinance and expand on existing plan review process.								
		X	The stormwater ordinance update was not updated during the reporting year. An engineering firm has been contracted to perform construction inspections for sites over one (1) acre. Site plans are reviewed and go through the MWRD. A modification to current ordinance provisions may be needed to include SWPP requirements.			X	The Village will review the storm water ordinance for permit requirements and update as needed.	On-going through 2022-2023 permit year.
BMPs No. D.6 and E.5- Site Inspectionand Enforcement								
Milestone for Reporting Year: Enforce the Village stormwater ordinance and track changes made to the ordinance.								
	X		An engineering firm was contracted to inspect construction sites for appropriate stormwater and erosion control BMPs.			X	This BMP will continue into the next reporting year.	On-going through 2022-2023 permit year.
BMP No. E.2- Regulatory Control Program								
Milestone for Reporting Year: Enforce the Village stormwater ordinance and track changes made to the ordinance.								
		X	The Village will continue to enforce their stormwater ordinance and track changes made to the ordinance.			X	The Village will continue to enforce their stormwater ordinance.	On-going through 2022-2023 permit year.
BMP No. E.5- Site inspections During Construction								
Milestone for Reporting Year: Construction sites and BMPs are inspected.								
		X	Enforcement of runoff control ordinance. Continuous maintenance of storm water control facilities.			X	The Village will continue to contract an engineering firm to perform inspections.	On-going through 2022-2023 permit year.

COMMUNITY NAME: *Village of Bedford Park* **PERMIT #:** *ILR400289*

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

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. F.1- Employee Training Program								
Milestone for Reporting Year: The Village will start holding Operations Training.								
New training proedures added.	X		Training will focus on a review of the Best Management Practices, Good Housekeeping, and the Storm Water Management Plan. Green infrastructure ideas and practices are presented in monthly newsletters distributed to community representatives.			X	The Village has reached out to RJN to find new training materials for employees. A bi-monthly training program is being developed.	On-going through 2022-2023 permit year.
BMP No. F.2- Inspection & Maintenance Program								
Milestone for Reporting Year: The Village will continue structure cleaning and street sweeping programs.								
		X	The Village will continue street sweeping and structure cleaning programs.			X	The Village will continue structure cleaning and street sweeping programs.	On-going through 2022-2023 permit year.
BMP No. F.6- Other Municipal Operations Controls- Standard Operating Procedures								
Milestone for Reporting Year: The Village reviewed operating procedures and BMPs and modified if necessary.								
		X	Operations and maintenance procedures will be reviewed annually and modified as necessary. The date of review and modifications will be reported.			X	Operation procedures are reviewed annually. Newsletters will include a reference to review and update requirements.	On-going through 2022-2023 permit year.

ADDITIONAL COMMUNITY ACTIVITIES

(Make additional copies of form, as necessary)

Community Name: **Bedford Park** Permit #: **ILR400289**

List any additional community-sponsored activities performed between March 2022 and March 2023 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

The Village of Bedford Park has a website that posts the municipal storm water pollution prevention plan and the NOI. The annual report will be added each permit year.

The Village cleans ditches as needed.

Street sweeping debris is hauled to a hazmat landfill.

A 6-cubic-yard covered dumpster is used by Bedford Park for municipal trash. Three additional 30-foot dumpsters are used for garbage, yard waste, electronics, etc., that are collected. The dumpsters are emptied as needed.

Electronics and paint recycling are available to residents annually while large item pickups are provided monthly.

The Street Department cleans catch basins as needed.

Circle which minimum control measure addressed:

1. Public Education and Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detection & Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention/Good Housekeeping

C. Information Collected and Analyzed during 2022-2023 Reporting Year

The NPDES permit effective March 1, 2022, requires MS4 permittees serving populations under 25,000 persons to conduct visual observations of storm water outfall discharge. The Village of Bedford Park is primarily an industrial area with a small residential population falling under the 25,000-person threshold. Bedford Park began stormwater outfall visual assessments during the fourth quarter of the 2019-2020 reporting cycle. The Village is using a standard Stormwater Outfall Inspection Data Form visual monitoring form, a turbidity meter, and multiple test strips. This form documents discharge indicators such as deposits or stains on the outfall structure, abnormal vegetative growth; visible color, odor, turbidity, or floatables in the water; and other assessment parameters.

The Village of Bedford Park identified two locations for sampling. Visual assessments will be taken annually at each location. If a sample cannot be taken during the cycle, an explanation will be provided. The storm water monitoring program will help evaluate the effectiveness of BMPs implemented to reduce pollutant loadings and water quality impacts. When trends in the data are identified, BMPs can be adjusted accordingly.

The Stormwater Outfall Inspection Data Forms are attached. Sampling outfall locations for the upcoming reporting year will be:

- Bridgeview (Incoming Pipe), Outfall ID 204
- Bedford Park, Outfall ID 259

Sampling reports are at the end of this document.

E. Reliance on Government Entities for Permit Obligations

The Village of Bedford Park does not rely on other government entities for permit obligations.

F. List of Construction Projects during 2022-2023 Reporting Year

N/A

There are 41 grids total. Black hatched and blue grids are complete.

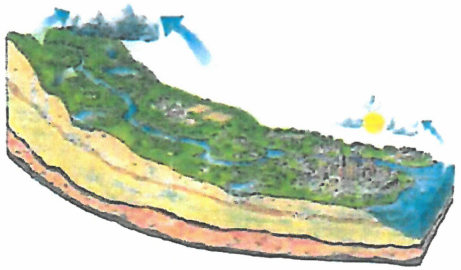
WHAT ARE BESTMANAGEMENT PRACTICES?

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

Help Where You Live!!!

However, no matter where you live in a watershed, you contribute to the health of local streams and rivers.

If you don't have information to contribute, you can still help improve the health of your watershed by following the guidance in this brochure!



Contact Us

Village of Bedford Park
7299 S. Sayre
Bedford Park, IL 60638
Phone: (708) 458-4038
Hours: 7:00 AM – 3:30 PM

Website:

http://villageofbedfordpark.com/

The Village of
Bedford Park

STORMWATER MANAGEMENT

Collect Stormwater

Make it Yours - Rain Barrel

Think about starting to collect water on your property with a rain barrel. There are many designs and types to suit each property and they are great for watering some DIY tomatoes and cucumbers or even your landscaping shrubs and flowers.

Customize Yours in Almost No Time

Call us for more information on where to get rain barrels .

Street Sweeping as a BMP

Prevents debris and litter from entering storm drains. In Bedford Park it is a daily operation during the summer months and is done on Thursdays and Fridays in the residential area. All residents are kindly asked to remove their vehicles from streets according to sign postings between the hours of 8:30 am -12:00 pm for efficient cleaning or they will be ticketed.

Street sweeping uses mechanical pavement cleaning practices to reduce sediment, litter and other debris washed into storm sewers by runoff. This can reduce pollutant loading to receiving waters and in some cases reduce clogging of storm sewers and prolong the life of infiltration oriented BMPs and reduce clogging of outlet structures in detention BMPs.

Bedford Park "We believe we have the perfect combination of a great place to live and a great place to do business in."

Focus on What You Do Best

Contact Us:
Illinois EPA
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276
(217) 782-3397

rjngroup

The Choice for Collection System Solutions

Stormwater Outfall Inspection Data Form

Section 1: Background Data

Subwatershed: Bridgeview (incoming pipe)		Outfall ID: 204	
Date: 2/8/23		Time (Military): 12.31	
Temperature: 37°		Inspector(s): C. KWIATT	
Previous 48 Hours Precipitation: No		Photo's Taken (Y/N)	If yes, Photo Numbers: N/A
Land Use in Drainage Area (Check all that apply):		☐ Open Space	
☐ Industrial		☐ Institutional	
☒ Residential		Other:	
☐ Commercial		Known Industries:	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Storm Sewer (Closed Pipe)	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Clay / Draintile ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 24" , 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
Open drainage (swale/ditch)	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	

Section 3: Physical Indicators

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe algea/growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	
Do physical indicators suggest an illicit discharge is present (Y/N):			

Flow Present?	☒ Yes	☐ No	**If No, Skip to Section 7 and Close Illicit Discharge Investigation**	
Flow Description	☒ Trickle	☐ Moderate	☐ Substantial	

Section 4: Physical Indicators (Flowing Outfalls Only)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☒	☐ Sewage ☐ Rancid/sour ☐ Sulfide ☐ Petroleum/gas ☐ Laundry ☒ Other: Fertilizer	☒ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color (color chart)	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange/Red ☐ Multi-Color ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☒	See severity, [redacted] FNU	☒ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage ☐ Suds and Foam ☐ Petroleum (oil sheen) ☐ Grease ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin	☐ 3 - Some; origin clear
Do physical indicators (flowing) suggest an illicit discharge is present (Y/N):					

Section 5: On-Site Sampling / Testing (Flowing Outfalls Only)

PARAMETER	RESULT	ACCEPTABLE RANGE	WITHIN RANGE (Y/N)	EQUIPMENT
Temperature		NA	NA	Thermometer
pH	9	6 – 9	Y	5-in-1 Test Strip
Ammonia		<3 mg/L April – Oct < 8 mg/L Nov - March		Test Strip
Free Chlorine		NA	NA	5-in-1 Test Strip
Total Chlorine	0 mg/L	< 0.05 mg/L	Y	5-in-1 Test Strip
Phenols		< 0.1mg/L		Test Kit
Detergents as Surfactants		> 0.25 mg/L residential > 5 mg/L non-residential		Test Kit
Copper	0 mg/L	<0.025 mg/L	Y	Test Strip
Alkalinity	200 mg/L	NA	NA	5-in-1 Test Strip
Hardness	300+ mg/L	NA	NA	5-in-1 Test Strip
Sample Location				

(Note NA values used for future tracing procedures)

Section 6: Data Collection for Lab Testing (see flow chart)

1. Sample for the lab?	☐ Yes	☒ No
2. If yes, collected from:	☐ Flow	☐ Pool

PARAMETER	RESULT (from lab)	ACCEPTABLE RANGE	WITHIN RANGE (Y/N)
Fecal Coliform		400 per 100 mL	
Flouride		0.6 mg/l	
Potassium		Ammonium/Potassium ratio or > 20mg/l	

*note label sample with outfall number

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

rjngroup
The Choice for Collection System Solutions

Stormwater Outfall Inspection Data Form

Section 1: Background Data

On 77th St.

Subwatershed: Bedford Park (Outfall)	Outfall ID: 259
Date: 2/8/23	Time (Military): 12:01 pm
Temperature: 35°	Inspector(s): C. Kwiatt
Previous 48 Hours Precipitation: No	Photo's Taken (Y/N) Y — If yes, Photo Numbers:

Land Use in Drainage Area (Check all that apply):

- [x] Industrial
- [x] Residential
- [ ] Commercial
- [ ] Open Space
- [ ] Institutional
- Other: _____
- Known Industries: Fed Ex Ground

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Storm Sewer (Closed Pipe)	[x] RCP [ ] CMP [ ] PVC [ ] HDPE [ ] Steel [ ] Clay / Draintile [ ] Other:	[x] Circular [ ] Elliptical [ ] Box [ ] Other:	[x] Single [ ] Double [ ] Triple [ ] Other:	Diameter/Dimensions: 36", 36"	In Water: [ ] No [x] Partially [ ] Fully; With Sediment: [x] No [ ] Partially [ ] Fully
Open drainage (swale/ditch)	[ ] Concrete [ ] Earthen [ ] rip-rap [ ] Other:	[ ] Trapezoid [ ] Parabolic [ ] Other:		Depth: Top Width: Bottom Width:	

Section 3: Physical Indicators

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	[ ]	[ ] Spalling, Cracking or Chipping [ ] Peeling Paint [ ] Corrosion	
Deposits/Stains	[ ]	[ ] Oily [ ] Flow Line [ ] Paint [ ] Other:	
Abnormal Vegetation	[ ]	[ ] Excessive [ ] Inhibited	
Poor pool quality	[ ]	[x] Odors [ ] Colors [ ] Floatables [ ] Oil Sheen [ ] Suds [ ] Excessive Algae [ ] Other:	Fertilizer
Pipe algea/growth	[ ]	[ ] Brown [ ] Orange [ ] Green [ ] Other:	
Do physical indicators suggest an illicit discharge is present (Y/N):			

Flow Present?	[x] Yes	[ ] No	**If No, Skip to Section 7 and Close Illicit Discharge Investigation**
Flow Description	[ ] Trickle	[x] Moderate	[ ] Substantial

Section 4: Physical Indicators (Flowing Outfalls Only)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☒	☐ Sewage ☐ Rancid/sour ☐ Sulfide ☐ Petroleum/gas ☐ Laundry ☒ Other: Fertilizer	☒ 1–Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color (color chart)	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange/Red ☐ Multi-Color ☐ Other:	☐ 1–Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity, [redacted] FNU	☐ 1–Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage ☐ Suds and Foam ☐ Petroleum (oil sheen) ☐ Grease ☐ Other:	☐ 1–Few/slight; origin not obvious	☐ 2 – Some; indications of origin	☐ 3 - Some; origin clear
Do physical indicators (flowing) suggest an illicit discharge is present (Y/N):					

Section 5: On-Site Sampling / Testing (Flowing Outfalls Only)

PARAMETER	RESULT	ACCEPTABLE RANGE	WITHIN RANGE (Y/N)	EQUIPMENT
Temperature		NA	NA	Thermometer
pH	7.5	6 – 9	Y	5-in-1 Test Strip
Ammonia		<3 mg/L April – Oct < 8 mg/L Nov - March		Test Strip
Free Chlorine		NA	NA	5-in-1 Test Strip
Total Chlorine	0 mg/L	< 0.05 mg/L	Y	5-in-1 Test Strip
Phenols		< 0.1mg/L		Test Kit
Detergents as Surfactants		> 0.25 mg/L residential > 5 mg/L non-residential		Test Kit
Copper	0 mg/L	<0.025 mg/L	Y	Test Strip
Alkalinity	240 mg/L	NA	NA	5-in-1 Test Strip
Hardness	300+ mg/L	NA	NA	5-in-1 Test Strip
Sample Location				

(Note NA values used for future tracing procedures)

Section 6: Data Collection for Lab Testing (see flow chart)

1. Sample for the lab?	☐ Yes	☒ No
2. If yes, collected from:	☐ Flow	☐ Pool

PARAMETER	RESULT (from lab)	ACCEPTABLE RANGE	WITHIN RANGE (Y/N)
Fecal Coliform		400 per 100 mL	
Flouride		0.6 mg/l	
Potassium		Ammonium/Potassium ratio or > 20mg/l	

*note label sample with outfall number

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?
