



Illinois Environmental Protection Agency

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

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

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

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

Report Period: From March, 2018 To March, 2019

Permit No. ILR40 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 | <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 checked="" type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

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

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

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

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

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

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

Kevin Ormins
Owner Signature:
KEVIN ORMINS
Printed Name:

10-8-19
Date:
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 2018-2019 Activities

In 2017, the Village of Bedford Park submitted a partial NOI in compliance with the first 5-year cycle. A completed NOI for the same 5-year cycle was submitted in October 2019. 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 2018-February 2019:

- 1) **A.1-** Stormwater brochures for businesses, homeowners, children, and green infrastructures were to be promoted and displayed by the Village in a public place.
- 2) **A.4-** The Village of Bedford Park participated in the Village Picnic, distributed stormwater and other educational brochures, and solicited input from community members regarding the storm water program.
- 3) **A.5-** The Village will begin to provide municipal schools with educational storm water informational brochures. The brochures can cover a wide range of topics including storm water, recycling, solid waste, green infrastructure, etc.
- 4) **B.1-** A storm water management committee will be established to lead the storm water initiative and establish storm water management priorities. Membership will consist of public officials, village staff, and volunteer community members who meet at least twice per year.
- 5) **B.6-** Bedford Park continued to promote programs related to stormwater activities and recycling programs. The community will track its participation for annual reports.
- 6) **C.1-** An atlas of the storm sewer system is being prepared in GIS. There are no outfalls within municipal boundaries.
- 7) **C.2-** The community will create an ordinance to address illicit discharges and provide for public notification.
- 8) **C.5-** An inlet stenciling program will be initiated to promote the visibility and importance of the storm water program.

- 9) **C.9-** The community will develop a brochure addressing specific storm water ordinance prohibited activities and distribute with educational brochures.
- 10) **D.4, E.2, E.5-** Bedford Park storm water ordinances will be updated, if needed, and require a SWPPP on site plans disturbing more than one acre to be checked during plan review. Runoff control ordinances will be enforced, and storm water control facilities maintained.
- 11) **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.
- 12) **F.1-** The community will participate in annual operations training to discuss operations-related tasks that can potentially impact storm water runoff.
- 13) **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.
- 14) **F.6-** Bedford Park will begin to annually review municipal operating procedures and BMPs and modify them if 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

EPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2018 through February 2019

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? If attached information, describe.	D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
	Y/N	Y/N		Activity	Schedule
BMP No. A.1 - Distributed Paper Materials- Informational Brochures					
Milestone For Reporting Year: Promote the availability of brochures to the residents.					
	X	The Village of Bedford Park has educational brochures available to community members at the Village Hall and they are distributed at the Village Picnic held annually during the second week in August.	The Village will begin tracking brochure distribution in the 2019-2020 permit year.	X	The Village will continue to update brochures as needed to address new topics, such as green infrastructure and climate change.
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.					
	X	The Village distributed stormwater materials at the Village Picnic held the second week of August in 2018. Approximately one hundred (100) stormwater brochures were distributed. The Village solicited public input regarding the MS4 program.		X	The Village is responsible for picnic participation and tracking the number of brochures handed out.
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.					
	X	Bedford Park will begin providing educational brochures to the municipal grammar school during the 2020-2021 reporting year.	Review of Classroom Education Materials- See page 11	X	The communities will inform local schools that the newsletters are available to the schools.
					On-going through 2019-2020 permit year.

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2018 through February 2019

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
		If attached information, describe.	Activity	
<p>BMP No. B-1- Public Panel - Coordinate Meetings and Determine Stormwater Priorities</p> <p><u>Milestone For Reporting Year:</u> Group to meet at least twice annually to establish storm water management priorities.</p>				
X	The stormwater management committee was inactive during the reporting year. It will be re-established with meeting frequencies determined by the group to prioritize stormwater needs.		X	The Village will re-establish the storm water management committee. On-going through 2019-2020 permit year.
<p>BMP No. B.6- Program Involvement- Participate in programs targeted at public awareness, including: Inlet Stenciling and Recycling</p> <p><u>Milestone for Reporting Year:</u> The Village continued to promote programs related to stormwater activities. Communities tracked participation.</p>				
X	The Village will continue to promote programs related to stormwater activities and recycling. Multiple media outlets will be used to communicate with community members.	Review of Community Events - See page 11	X	Village will continue to promote programs related to stormwater activities. Multiple media outlets will be used to communicate with community members. On-going through 2019-2020 permit year.
<p>BMP No. C.1- Storm Sewer Map Preparation</p> <p><u>Milestone for Reporting Year:</u> Village will bring storm water assets into GIS. No outfalls are within municipal bounds.</p>				
X	The Village reviewed their storm sewer atlas and found that it will be 16% complete by February 2020. The storm sewer system atlas will be updated at the 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 2019-2020 permit year.

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2018 through February 2019

A. Changes to Best Management- Were there any changes to the BMPs? Comment	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? If attached information, describe.	D. Summarize the stormwater activities you plan to undertake with an implementation schedule
Y N	Y N	Y N	Y N
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.			
	The Village will draft a plan to train employees in illicit discharge detection and elimination. The ordinance will be enforced. Illicit discharge brochures will be distributed at the Village picnic.	X	The Village will continue to develop a detection program and train employees. On-going through 2019-2020 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 5% of the inlets are marked. The Village will begin to stencil inlets at the rate of 10% per year beginning in March 2020.	X	Communities will survey stencils previously installed, replace ones that need to be replaced at 10% per year, and assure all new inlets are installed with stencils. On-going through 2019-2020 permit year.
BMP No. C.9- Public Notification			
Milestone for Reporting Year: Community will update the illicit discharge ordinance brochure.			
X	Brochures will be updated to address specific stormwater ordinance prohibited activities and distributed with brochures addressed in BMP A1.	X	Ordinance brochures will be updated and distributed to the community throughout years 2019-2021 Brochure to be updated in 2019-2020 reporting year.

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2018 through February 2019

A. Changes to Best Management- Were there any changes to the BMPs? Comment	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? If attached information, describe.		D. Summarize the stormwater activities you plan to undertake with an implementation schedule
	Y	N	Y	N	
BMPs No. D.4, E.2, E.5- Site Plan and Construction Review Procedures					
Milestone for Reporting Year: Adopt or update stormwater ordinances. Require SWPPP on all site plans disturbing more than one acre of land.					
	X				On-going through 2019-2020 permit year.
				X	The Village will review the storm water ordinance for permit requirements and update as needed.
BMPs No. D.6 and E.5- Site Inspection and Enforcement					
Milestone for Reporting Year: Construction sites disturbing over one acre are inspected.					
	X				On-going through 2019-2020 permit year.
				X	This BMP will continue into the next reporting year.
BMP No. E.2- Regulatory Control Program					
Milestone for Reporting Year: Enforce Stormwater Ordinance.					
	X				On-going through 2019-2020 permit year.
				X	The Village will continue to enforce their stormwater ordinance.
BMP No. E.5- Site inspections During Construction					
Milestone for Reporting Year: Construction sites and BMPs are inspected.					
	X				On-going through 2019-2020 permit year.
				X	The Village will continue to contract an engineering firm to perform inspections.

EPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2018 through February 2019

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? If attached information, describe.	D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
	YES	NO		Activity	Schedule
BMP No. F.1- Employee Training Program					
Milestone for Reporting Year: The Village will start holding Operations Training.					
	X			X	The Village will continue holding an Operations Training class as part of education requirements. On-going through 2019-2020 permit year.
BMP No. F.2- Inspection & Maintenance Program					
Milestone for Reporting Year: The Village will continue structure cleaning and street sweeping programs.					
	X			X	The Village will continue street sweeping and structure cleaning programs. On-going through 2019-2020 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			X	Operation procedures are reviewed annually. Newsletters will include a reference to review and update requirements. On-going through 2019-2020 permit year.

COMMUNITY NAME: Village of Bedford Park

PERMIT #: ILR400289

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2018 through February 2019

ADDITIONAL INFORMATION

<u>BMP A.5</u>	<u>Classroom Educational Materials</u> The Village has taken steps to educate school children on the severity of stormwater pollution. The educational brochures cover a range of pollution topics, including stormwater.
<u>BMP B.6</u>	<u>Community Events - Recycling Programs</u> Throughout the year, the Village of Bedford Park sponsored community events that potentially could positively impact stormwater quality. These activities include a monthly large item pickup and an annual paint and electronics recycling events.
<u>BMP C.2, C.9</u>	<u>Other Public Involvement</u> The Village distributes educational materials and encourages public input during the Village Picnic regarding the adequacy of the MS4 program. The public is encouraged to assist in monitoring the community's storm water system by reporting illegal dumping and discharge or storm water issues to the Village.

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 2018 and February 2019 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 in the 2020-2021 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 | 4. Construction Site Runoff Control |
| <input checked="" type="radio"/> 2. Public Participation/Involvement | 5. Post-Construction Runoff Control |
| <input checked="" type="radio"/> 3. Illicit Discharge Detection & Elimination | <input checked="" type="radio"/> 6. Pollution Prevention/Good Housekeeping |

C. Information Collected and Analyzed during 2018-2019 Reporting Year

The NPDES permit effective March 1, 2016, 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. 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 as needed.

The Village of Bedford Park identified two locations for sampling. Visual assessments will be taken quarterly at each location within 48 hours of a ¼ inch or greater rainfall event in a 24-hour period. If a sample cannot be taken during the quarter, 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

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 2018-2019 Reporting Year

The Village had no public construction projects during the reporting year.



The Choice for Collection System Solutions

Stormwater Outfall Inspection Data Form

Section 1: Background Data

Subwatershed: Bridgeview (incoming pipe)	Outfall ID: 204
Date: 1-24-2018	Time (Military): 13:30
Temperature: 30 °F	Inspector(s): Joe Sullivan and Bobby Peters
Previous 48 Hours Precipitation:	Photo's Taken (Y/N) If yes, Photo Numbers:
Land Use in Drainage Area (Check all that apply):	<input type="checkbox"/> Open Space
<input type="checkbox"/> Industrial	<input type="checkbox"/> Institutional
<input checked="" type="checkbox"/> Residential	Other: _____
<input type="checkbox"/> Commercial	Known Industries: _____

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Storm Sewer (Closed Pipe)	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Clay / Draintile <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 42"	In Water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: 3" Top Width: Bottom Width:	

Section 3: Physical Indicators

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

Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, Skip to Section 7 and Close Illicit Discharge Investigation
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Substantial	

Section 4: Physical Indicators (Flowing Outfalls Only)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Sulfide <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Laundry <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Faint	<input type="checkbox"/> 2 – Easily detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color (color chart)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange/Red <input type="checkbox"/> Multi-Color <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input checked="" type="checkbox"/>	See severity	<input checked="" type="checkbox"/> 1-Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Suds and Foam <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Grease <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Few/slight; origin not obvious	<input type="checkbox"/> 2 – Some; indications of origin	<input type="checkbox"/> 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		6 – 9		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		< 0.05 mg/L		5-in-1 Test Strip
Phenols		< 0.1 mg/L		Test Kit
Detergents as Surfactants		> 0.25 mg/L residential > 5 mg/L non-residential		Test Kit
Copper		<0.025 mg/L		Test Strip
Alkalinity		NA	NA	5-in-1 Test Strip
Hardness		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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow	<input type="checkbox"/> 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)?



The Choice for Collection System Solutions

Stormwater Outfall Inspection Data Form

Section 1: Background Data

Subwatershed: Bedford Park	Outfall ID: 259
Date: 1-24-2018	Time (Military): 12:53
Temperature: 30 °F	Inspector(s): Joe Sullivan and Bobby Peters
Previous 48 Hours Precipitation:	Photo's Taken (Y/N) Y If yes, Photo Numbers:
Land Use in Drainage Area (Check all that apply):	<input type="checkbox"/> Open Space
<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Institutional
<input type="checkbox"/> Residential	Other: _____
<input checked="" type="checkbox"/> Commercial	Known Industries: _____

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Storm Sewer (Closed Pipe)	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Clay / Draintile <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 48"	In Water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: 6" Top Width: Bottom Width:	

Section 3: Physical Indicators

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

Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, Skip to Section 7 and Close Illicit Discharge Investigation
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Substantial	

Section 4: Physical Indicators (Flowing Outfalls Only)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Sulfide <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Laundry <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Faint	<input type="checkbox"/> 2 – Easily detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color (color chart)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange/Red <input type="checkbox"/> Multi-Color <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input checked="" type="checkbox"/>	See severity	<input checked="" type="checkbox"/> 1-Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Suds and Foam <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Grease <input type="checkbox"/> Other:	<input type="checkbox"/> 1-Few/slight; origin not obvious	<input type="checkbox"/> 2 – Some; indications of origin	<input type="checkbox"/> 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		6 – 9		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		< 0.05 mg/L		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		<0.025 mg/L		Test Strip
Alkalinity		NA	NA	5-in-1 Test Strip
Hardness		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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> 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)?

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:

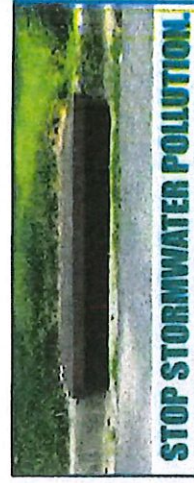
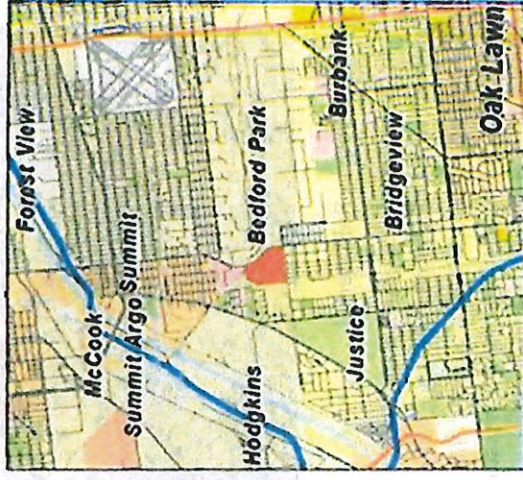
<http://villageofbedfordpark.com/>



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

