



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, 2015 _____ To March, 2016 _____

Permit No. ILR40 0398

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

Name: Village of Niles Mailing Address 1: 1000 Civic Center Drive

Mailing Address 2: _____ County: Cook

City: Niles State: IL Zip: 60714 Telephone: 847-588-7900

Contact Person: Tom Powers Email Address: tjp@vniles.com
(Person responsible for Annual Report)

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

Village of Niles

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 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.

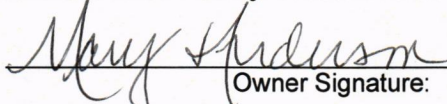
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

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:

Mary Anderson

Printed Name:

3/29/16
Date:

Director of Public Services

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

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORMWATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

**VILLAGE OF NILES
NPDES PERMIT NUMBER ILR40**

REPORTING PERIOD:

March, 2015 to March, 2016

MS4 OPERATOR INFORMATION:

Village of Niles, Illinois
6849 Touhy Avenue
Niles, Illinois 60714
Mary Anderson, Director of Public Services
(847) 588-7900

GOVERNMENTAL ENTITY IN WHICH MS4 IS LOCATED:

Niles, Illinois

INTRODUCTION/BACKGROUND

The 1987 amendments to the Clean Water Act required the United States Environmental Protection Agency (USEPA) to address storm water runoff in two phases. Phase I of the National Pollution Discharge Elimination System (NPDES) Storm Water Program became effective in 1990. Phase I of the NPDES Storm Water Program applied to large and medium MS4s and eleven industrial categories including construction sites disturbing 5 or more acres of land. Phase II of the NPDES Storm Water Program became effective March 10, 2003 and is applicable to small MS4s and construction sites disturbing between 1 and 5 acres of land. Phase II also expands the industrial “no exposure” exemption from Phase I. The Illinois Environmental Protection Agency (IEPA) is in charge of implementing both phases of the NPDES Storm Water Program.

As a small MS4, the Village of Niles was required to comply with Phase II of the NPDES Storm Water Program by submitting a Notice of Intent (NOI) to the IEPA. The NOI serves as the application documentation for the NPDES Phase II Permit that applies to storm water discharges from storm sewers and drainage ways within the Village’s jurisdiction for a permit period of five years. The NOI outlined a plan of implementation for six minimum control

measures with a target to improve storm water quality. Those six minimum control measures are:

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

The Village of Niles has developed a plan tailored to the needs of the Village to address the six minimum control measures over the term of the NPDES Phase II Permit. As part of the NOI, the Village defined Best Management Practices for each minimum control measure and established measurable goals for each. During the life of the permit the Village will document all compliance efforts and report progress annually to the IEPA. This document serves as the report for YEAR 6 activities.

SECTION A - CHANGES TO BEST MANAGEMENT PRACTICES

The Village of Niles believes the BMPs proposed in the NOI are adequate to support a program that will result in a reduction in pollutants in the Village's storm water discharges.

The Village of Niles adopted the new MWRD Watershed Management Ordinance which includes significant erosion and sediment control requirements. The Village also enforces the Volume control (post construction BMP's) as required by the MWRD. A monitoring log of BMPs installed and O&M plan was started.

SECTION B – STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

BMP ID	CATEGORY	BMP SUBCATEGORY/DESCRIPTION	YEAR 5 MILESTONE	DESCRIPTION OF YEAR 4 ACTIVITIES
A.1	Public Education and Outreach	Distributed Paper Material - Stormwater pollution prevention education for residents.	Revise articles and brochures as needed. Place in two newsletters and distribute.	Five brochures printed and distributed at Village facilities and website.
A.3	Public Education and Outreach	Public Service Announcements - Information provided to residents on water pollution, land use, watersheds and other issues.	Distribute Public Service announcement highlighting community accomplishments related to NPDES	Distributed several items to local media on recycling, clean vehicle fleet, water conservation (in home and for landscaping), e-waste, e-recycling, flood control assistance, Stormwater runoff Pollution prevention, green business awards, and eco landscaping,
A.6	Public Education and Outreach	Other Public Education - Promote water conservation techniques to residents.	Maintain and update website with resource material.	Updated website, distributed information in newsletter.
B.1	Public Participation / Involvement	Public Panel - Stormwater Commission to help identify, evaluate and provide information on stormwater related issues in the Village.	Provide notice of meetings; maintain records of meetings; make documents available.	Notice of all meetings of the Stormwater Commission are posted in accordance with law. Documents are available for download on the Village website.
B.3	Public Participation / Involvement	Stakeholder Meeting - Provide representation	Continue to participate in relevant watershed planning committees.	Participated in the North Branch of the Chicago River Watershed Planning Council and the Lower Des Plaines River Watershed Planning Council.

SECTION B – STATUS OF COMPLIANCE WITH PERMIT CONDITIONS (CONTINUED)

BMP ID	CATEGORY	BMP SUBCATEGORY/DESCRIPTION	YEAR 5 MILESTONE	DESCRIPTION OF YEAR 5 ACTIVITIES
B.4	Public Participation / Involvement	Public Hearing – A public meeting or hearing when adopting or revising the Stormwater Management Plan will be held.	Presentation to general public or governing board.	The Stormwater Commission held several meetings and made recommendations that were adopted by the Village Board. A stormwater management plan tier 1 projects were completed.
B.5	Public Participation / Involvement	Volunteer Monitoring - Develop program informing residents what is considered an illicit discharge.	Distribute brochure at municipal facilities and meetings. Follow-up on complaints.	Brochure was printed and distributed at Village facilities and placed on website for download. Complaints are reviewed by the Public Services Department.
C.1	Illicit Discharge Detection and Elimination	Storm Sewer Map Preparation - Prepare a complete map of the storm sewer system.	Update map regularly with additional data and as improvements or new development occur. Incorporate data into GIS.	Updated GPS coordinates of sewer system and incorporated into GIS sewer layer.
C.2	Illicit Discharge Detection and Elimination	Regulatory Control Program – Use local ordinances to reduce illicit discharges from occurring.	Continue to develop IDDE program and identify methods, activities and enforcement to identify and remove illicit discharges.	Previously adopted ordinances to reduce the likelihood of illicit discharges were enforced as necessary by Village staff.
D.1	Construction Site Runoff Control	Regulatory Control Program - Enforce provisions of the Watershed Management Ordinance adopted by the MWRD.	Enforce Watershed Management Ordinance and adopt amendments.	Enforcement of the MWRD Watershed Management Ordinance continues. Approximately 50 SEESC inspections were performed.

SECTION B – STATUS OF COMPLIANCE WITH PERMIT CONDITIONS (CONTINUED)

BMP ID	CATEGORY	BMP SUBCATEGORY/DESCRIPTION	YEAR 5 MILESTONE	DESCRIPTION OF YEAR 5 ACTIVITIES
D.2	Construction Site Runoff Control	Erosion and Sediment Control - Enforce provisions of the Watershed Management Ordinance adopted by the MWRD.	Enforce Watershed Management Ordinance and adopt amendments.	The MWRD Watershed Management Ordinance was adopted and enforced.
D.3	Construction Site Runoff Control	Other Waste Control Program - Require construction site operators to actively manage construction site waste to minimize adverse impacts to water quality.	Administer current ordinances. Enforce Watershed Management Ordinance and adopt amendments.	Community Development Department provided enforcement of the existing ordinances. Enforcement of the MWRD Watershed Management Ordinance continues.
D.4	Construction Site Runoff Control	Site Plan Review Procedures – Continue to review plans in accordance with the Watershed Management Ordinance.	Review plans in accordance to the provisions of the Watershed Management Ordinance.	Enforcement of the MWRD Watershed Management Ordinance continues.
D.6	Construction Site Runoff Control	Site Inspection / Enforcement Procedures – Inspection and enforcement of site runoff controls.	Enforce Watershed Management Ordinance and adopt amendments.	Enforcement of the MWRD Watershed Management Ordinance continues.
E.2	Post-Construction Runoff Control	Regulatory Control Program - Inspection and enforcement of site runoff controls.	Enforce Watershed Management Ordinance and adopt amendments.	Enforcement of the MWRD Watershed Management Ordinance continues.

SECTION B – STATUS OF COMPLIANCE WITH PERMIT CONDITIONS (CONTINUED)

BMP ID		CATEGORY	BMP SUBCATEGORY/DESCRIPTION	YEAR 5 MILESTONE	DESCRIPTION OF YEAR 5 ACTIVITIES
E.6	Post-Construction Runoff Control	Post-Construction Runoff Control	Post-Construction Inspections - Integrate the inventory information into a GIS solution and develop a maintenance schedule.	Sewer inventory available online to employees.	Maintenance schedule for stormwater controls established and implemented via database management software. Collecting GPS coordinates of sewer system for incorporation into GIS. Design for Oak Park Bio-swale continues. Annual Maintenance on Community Rain Garden and Neva bio-swale completed
F.1	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping	Employee Training Program - Develop standard operating procedures to prevent the release of pollutants into the Village's storm sewer system.	Provide a training seminar to educate department employees on pollution prevention in the workplace	Pollution prevention program training was completed for Public Services employees on August 4 th 2015.
F.2	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping	Inspection and Maintenance Program - Clean storm drains on a routine bases to eliminate pollutants	Clean 25% of catch basins on high traffic routes and local roads.	The Village cleaned 139,558 feet of sewer line and 199 catch basins during the year. The outfalls were inspected on 10/9/15
F.6	Pollution Prevention / Good Housekeeping	Other Municipal Operations Controls - Develop a spill prevention and control plan and conduct training.	Other Municipal Operations Controls - Develop a spill prevention and control plan and conduct training.	Conduct refresher/new training as required. Distribute brochures to municipal facilities.	Illicit Discharge Detection and Elimination Training was completed on 7/24/15 and 8/4/15

SECTION C – RESULT OF INFORMATION COLLECTED

The Niles Public Services Department records the activities and projects completed on an ongoing basis, and is responsible for maintenance of Village utilities and infrastructure including:

- Water System
- Water Plant
- Sewer
- Forestry
- Streetlights/Traffic Signals
- Sidewalks
- Streets
- Signs
- Facilities
- Right-of-way Maintenance
- Municipal Fleet
- Bus Transportation

This is a breakdown of the Village of Niles’ sewer system by type and size of sewer main:

Size (Inches)	Type of Sewer Main (feet)		
	Combined	Sanitary	Storm
Unknown	7586	19090	93105
4		661	5967
6		3786	14137
8	5351	116668	15772
10	6882	30361	20634
12	57593	41032	74121
15	49393	18884	46461
16	331		311
18	24715	7451	33306
21	9203	689	7818
24	9185	2337	35717
27	7755	856	9354
30	3971	437	12960
33	332	756	2240
36	7078	267	29400
42	5017	721	12422
48	7559		11795
54	1181		2514
60	2750		
66	4322		
*Elliptical	5940		2605

The information obtained and recorded demonstrates the diversity of our programs and helps us develop long and short term capital improvement programs. Our department budget provides detailed information on operational and capital expenses.

SECTION D – SUMMARY OF PLANNED STORMWATER ACTIVITIES

Planned stormwater activities include:

- Sewer line cleaning
- Sewer line televising
- Catch basin cleaning
- Catch basin rebuilding
- Sewer inlet cleaning
- Sewer inlet rebuilding
- Debris removal detention/retention facilities
- System inspections

SECTION E – NOTICE RELYING ON OTHER ENTITY

Not applicable.

SECTION F – LIST OF CONSTRUCTION PROJECTS

Our Lady of Ransom – Stormwater Improvement
Maryhill – Stormwater Improvement