

MS4 ANNUAL REPORT EVALUATION FOR PERIOD ENDING MARCH 9, 2019

May 16, 2019

PREPARED FOR:

VILLAGE OF PAWLING

9 Memorial Avenue

Dutchess County

Pawling, New York 12564

PROJECT LOCATION:

Village Pawling

Dutchess County

Pawling, New York



PREPARED BY: ZARECKI &

ASSOCIATES, L.L.C. Consulting

Engineers, Land Surveyors, Architects

11 West Main Street

Pawling, New York 12564

(845) 855-3771

www.zarecki.com

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2019

Provide SPDES ID of each permitted MS4 included in this report.

SPDES ID

N Y R 2 0 A

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Village of Pawling

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[illegible]

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2019

Name of MS4 Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for each of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- ☒ Principal Executive Officer/Chief Elected Official
- ☐ Duly Authorized Representative
- ☐ Local Stormwater Public Contact
- ☐ Stormwater Management Program (SWMP) Coordinator
- ☐ Report Preparer

First Name	MI	Last Name
R o b e r t		L i f f l a n d
Title		
M a y o r		
Address		
9 M e m o r i a l A v e .		
City	State	Zip
V i l l a g e o f P a w l i n g	N Y	1 2 5 6 4 -
eMail		
J o s b o r n @ v i l l a g e o f P a w l i n g . o r g		
Phone	County	
(8 4 5) 8 5 5 - 1 1 2 2	D u t c h e s s	

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2019

Name of MS4: Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?

☐ Yes ☐ No

If Yes, complete information below.

Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

Dutchess County MS-4 Coordination

Partner/Coalition Name (cont.)

Committee

SPDES Partner ID - If applicable

N Y R 2 0 A 4 7 7

Address

2715 Route 44

City

Millbrook

State

N Y

Zip

12525 - 5564

eMail

Erin@Sommererville@NY.NACDNET.Net

Phone

(845) 677-8011

Legally Binding Agreement in accordance

with GP-0-08-002 Part IV.G.?

☒ Yes ☐ No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

● MM1 Public Education

● MM2 Mapping

● MM3 Training Staff

○ MM4 Staff Training Videos

○ MM5

○ MM6

Additional tasks/responsibilities

☐ Watershed Improvement Strategy Best Management Practices required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

East of Hudson (EOH), New York City Department of Environmental Protection (NYCDEP)

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2019

Name of MS4: Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?

☒ Yes ☐ No

If Yes, complete information below.

Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

E a s t o f H u d s o n W a t e r d h e d

Partner/Coalition Name (con't.)

C o r p o r a t i o n

SPDES Partner ID - If applicable

N Y R 2 0 4 7 7

Address

2 R o u t e 1 6 4 S u i t e 2

City

P a t t e r s o n

State

N Y

Zip

1 2 5 6 3 -

eMail

K e v i n @ E O H W C . O r g

Phone

(8 4 5) 3 1 9 - 6 3 4 9

Legally Binding Agreement in accordance

with GP-0-08-002 Part IV.G.? ☒ Yes ☐ No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

☐ MM1☐ MM2☐ MM3☐ MM4☒ MM5 R e t r o f i t P l a n s a n d O & M☐ MM6

Additional tasks/responsibilities

- Watershed Improvement Strategy Best Management Practices required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

Retrofit Planning for Grants of Mapping, On-site system Inspection.

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2019

Name of MS4 Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

Section 4 - Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VII.

First Name

R o b e r t

MI

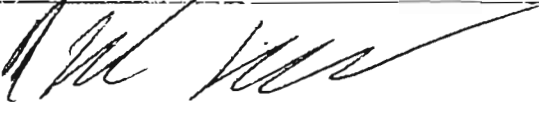
Last Name

L i f f l a n d

Title (Clearly print title of individual signing report)

M a y o r

Signature



Date

03 / 30 / 2019

Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator
Division of Water
4th Floor
625 Broadway
Albany, New York 12233-3505

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition. Village of Pawling

SPDES ID

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Water Quality Trends

The information in this section is being reported (check one):

- On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s are contributed to this report?

1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One. ☐ Yes

If Yes, choose one of the following

- ☐ Report(s) attached to the annual report
- ☐ Web Page(s) where report(s) is/are provided below

Please provide specific address of page where report(s) can be accessed - not home page.

URL

[illegible]

URL

[illegible]

URL

[illegible]

URL

[illegible]

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Minimum Control Measure 1. Public Education and Outreach

The information in this section is being reported (check one):

- ☒ On behalf of an individual MS4
☐ On behalf of a coalition

How many MS4s contributed to this report?

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1. Targeted Public Education and Outreach Best Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

- ☒ Construction Sites
 - ☒ General Stormwater Management Information
 - ☒ Household Hazardous Waste Disposal
 - ☒ Illicit Discharge Detection and Elimination
 - ☒ Infrastructure Maintenance
 - ☒ Smart Growth
 - ☐ Storm Drain Marking
 - ☒ Green Infrastructure/Better Site Design/Low Impact Development
 - ☒ Other:
 - ☒ Pesticide and Fertilizer Application
 - ☒ Pet Waste Management
 - ☒ Recycling
 - ☒ Riparian Corridor Protection/Restoration
 - ☒ Trash Management
 - ☒ Vehicle Washing
 - ☒ Water Conservation
 - ☒ Wetland Protection
 - ☐ None

[illegible]

Other

2. Specific audiences targeted during this reporting period:

- ☒ Public Employees ☒ Contractors
☒ Residential ☒ Developers
☒ Businesses ☒ General Public
☒ Restaurants ☒ Industries
☐ Other: ☐ Agricultural

[illegible]

Other

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

☒ Construction Site Operators Trained

Trained

1 7 7

☐ Direct Mailings

Mailings

☒ Kiosks or Other Displays

Locations

5

☐ List-Serves

In List

☐ Mailing List

In List

☐ Newspaper Ads or Articles

Days Run

☒ Public Events/Presentations

Attendees

2 0 0 5

☒ School Program

Attendees

8 0

☐ TV Spot/Program

Days Run

☒ Printed Materials:

Total # Distributed

2 0 0 5

Locations (e.g. libraries, town offices, kiosks)

V i l l a g e H i g h w a y

V i l l a g e M t g r o o m

D C S W C D M i l l b r o o k

D u t c h e s s C o . F a i r

☒ Other:

F a c e b o o k C a m p a i g n

☒ Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

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C H A R G E S - M U N I C I P A L - S O U R C E S

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

3. Web Page cont.: Provide specific web addresses - not home page.

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URL

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s s . c o u n t y - m s 4 - c o o r d i n a t i o n - c o m i t
t e e / 2 4 6 7 4 0 0 2 5 5 2 0 0 8 9

URL

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h p / m s 4

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URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

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4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMP in this reporting period.

The goal is to continue to inform the public about the importance and ways to keep improving stormwater quality through education programs as well as involving the public in contributing to keep improving through behavior and actions.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Attendance at presentations, training and distribution of documents is generally consistent with the previous reporting period.

C. How many times was this observation measured or evaluated in this reporting period?

		1	0
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?
☒ Yes ☐ No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMP?
☒ Yes ☐ No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Restart billboard campaign, reaching out to school districts, and awareness through public events. Stormwater manager officers school scheduled for 2019.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

Minimum Control Measure 2. Public Involvement/Participation

The information in this section is being reported (check one):

☒ On behalf of an individual MS4☐ On behalf of a coalitionHow many MS4s contributed to this report?

1. What opportunities were provided for public participation in implementation, development, evaluation and improvement of the Stormwater Management Program (SWMP) Plan during this reporting period? Check all that apply:

☒ Cleanup Events

Events

 1 0☒ Comments on SWMP Received

Comments

 0☒ Community Hotlines

Phone #

(8 4 5) 8 5 5 - 1 1 2 2

Phone # (8 5 5) 6 5 6 - 0 5 6 4

Phone # (8 4 5) 6 5 6 - 8 0 9 7

Phone # () -

Phone # () -

Phone # () -

Phone # () -

Phone # () -

Phone # () -

Phone # () -

Phone # () -

☐ Community Meetings

Attendees

 ☐ Plantings

Sq. Ft.

 ☐ Storm Drain Markings

Drains

 ☒ Stakeholder Meetings

Attendees

 1 5 0☒ Volunteer Monitoring

Events

 1☒ Other: F r i e n d s o f t h e G r e a t S w a m p

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided?

☒ Yes ☐ No☐ List-Serve

In List

 ☐ Newspaper Advertising

Days Run

 ☐ TV/Radio Notices

Days Run

 ☒ Other: N o t i c e o f P u b l i c M e e t i n g☒ Web Page URL: Enter URL(s) on the following two pages.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

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2. URL(s) con't.:

Please provide specific address(es) where notice(s) can be accessed - not home page.

URL

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URL

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URL

URL

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

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2. URL(s) con't:

Please provide specific address(es) where notices can be accessed - not home page.

URL

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URL



URL

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Village of Pawling SPDES ID
N Y R 2 0 A 4 7 7

3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

☒ MS4/Coalition Office ☒ Annual Report ☐ SWMP Plan ☐ Comments

Department

V i l l a g e C l e r k

Address

9 M e m o r i a l A v e n u e

City

P a w l i n g N Y

Zip

1 2 5 6 4 -

Phone

(8 4 5) 8 5 5 - 1 1 2 2

☐ Library ☐ Annual Report ☐ SWMP Plan ☐ Comments

Address

City

Zip

-

Phone

() -

☐ Other ☐ Annual Report ☐ SWMP Plan ☐ Comments

Address

City

Zip

-

Phone

() -

☒ Web Page URL: ☒ Annual Report ☐ SWMP Plan ☐ Comments

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Please provide specific address of page where report can be accessed - not home page.

☒ eMail ☐ Comments

J o s b o r n @ v i l l a g e o f p a w l i n g . o r g

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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4.a. If this report was made available on the internet, what date was it posted?

Leave blank if this report was not posted on the internet.

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 /

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4.b. For how many days was/will this report be posted?

3	6	0
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If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

5.a. Was an Annual Report public meeting held in this reporting period?
☒ Yes ☐ No

If Yes, what was the date of the meeting?

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 /

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 /

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If No, is one planned?

☒ Yes ☐ No
5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period?
☐ Yes ☒ No

If No, is one planned for each?

☐ Yes ☒ No
6. Were comments received during this reporting period?
☐ Yes ☒ No

If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMP in this reporting period.

Continue efforts to encourage participation in bulk waste, e-waste and household hazardous waste collection events. Continue outfall inspections. Nearly 100% of outfalls are completed annually. Continue coordination with coalitions to continue improvements.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

There has been widespread increase in awareness of stormwater management practices through the supporting coalition members.

C. How many times was this observation measured or evaluated in this reporting period?

		1	0
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(ex., samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
☒ Yes ☐ No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMP?
☒ Yes ☐ No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Continued cleanup of events, continue meeting with the Coalitions to continue Stormwater improvements

MS4 Annual Report Form

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Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Minimum Control Measure 3. Illicit Discharge Detection and Elimination

The information in this section is being reported (check one):

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report?

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1. Enter the number and approx. percent of outfalls mapped:

			5	0
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 #

1	0	0
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 %

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)?

	3	5
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3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

- | | |
|--|---|
| <input type="radio"/> Auto Recyclers | <input type="radio"/> Landscaping (Irrigation) |
| <input checked="" type="radio"/> Building Maintenance | <input type="radio"/> Marinas |
| <input type="radio"/> Churches | <input type="radio"/> Metal Plating Operations |
| <input type="radio"/> Commercial Carwashes | <input type="radio"/> Outdoor Fluid Storage |
| <input checked="" type="radio"/> Commercial Laundry/Dry Cleaners | <input type="radio"/> Parking Lot Maintenance |
| <input type="radio"/> Construction Vehicle Washouts | <input type="radio"/> Printing |
| <input type="radio"/> Cross-Connections | <input type="radio"/> Residential Carwashing |
| <input type="radio"/> Distribution Centers | <input checked="" type="radio"/> Restaurants |
| <input type="radio"/> Food Processing Facilities | <input type="radio"/> Schools and Universities |
| <input type="radio"/> Garbage Truck Washouts | <input checked="" type="radio"/> Septic Maintenance |
| <input type="radio"/> Hospitals | <input type="radio"/> Swimming Pools |
| <input type="radio"/> Improper RV Waste Disposal | <input type="radio"/> Vehicle Fueling |
| <input checked="" type="radio"/> Industrial Process Water | <input type="radio"/> Vehicle Maint./Repair Shops |
| <input checked="" type="radio"/> Other: | <input type="radio"/> None |

r	e	s	i	d	e	n	t	i	a	l	/	c	o	m	m	e	r	c	i	a	l	p	r	o	p	e	r	t	y
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☒ Sewersheds:

i	n	f	i	l	t	r	a	t	i	o	n	a	n	d	i	n	f	l	o	w	(I	/	I)
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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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3.b. What types of illicit discharges have been found during this reporting period?

- ☐ Broken Lines From Sanitary Sewer
☐ Cross Connections
☐ Failing Septic Systems
☐ Floor Drains Connected To Storm Sewers
☐ Illegal Dumping
☐ Other: _____
- ☐ Industrial Connections
☐ Inflow/Infiltration
☐ Pump Station Failure
☐ Sanitary Sewer Overflows
☐ Straight Pipe Sewer Discharges
☒ None

[illegible]

4. How many illicit discharges/potential illegal connections have been detected during this reporting period?

		0
--	--	---

5. How many illicit discharges have been confirmed during this reporting period?

		0
--	--	---

6. How many illicit discharges/illegal connections have been eliminated during this reporting period?

0

7. Has the storm sewershed mapping been completed in this reporting period?

☐ Yes ☒ No

If No, approximately what percent was completed in this reporting period?

	1	0	8
--	---	---	---

8. Is the above information available in GIS?

☐ Yes ☒ No

Is this information available on the web?

☐ Yes ☒ No

If Yes, provide URL(s):

Please provide specific address of page where map(s) can be accessed - not home page.

URL

[illegible]

URL

[illegible]

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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8. URL(s) con't.:

Please provide specific address of page where map(s) can be accessed - not home page

URL

[illegible]

URL

[illegible]

URL

[illegible]

URL

[illegible]

URL

[illegible]

9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report? ☒ Yes ☐ No

10. If Yes, has every traditional MS4 contributing to this report certified that this law is equivalent to the NYS Model IDDE Law? ☐ Yes ☐ No ☒ NT

11. What percent of staff in relevant positions and departments has received IDDE training?

		08
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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The Outfall Surveillance is an ongoing process. The outfall are regularly inspected and maintained as required.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Overall-surveillance for nearly 100% of the outfalls. Individual outfalls are inspected and repaired on an as needed basis.

C. How many times was this observation measured or evaluated in this reporting period?

		1	2
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
☒ Yes ☐ No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
☒ Yes ☐ No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

proceed with underground mapping of underground stormwater. Continue to locate possible sources for grants to fund the underground stormwater collection system and to prepare a GIS of the Storm Sewer Collection System.

Establish hotlines for Possible illicit discharges.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Minimum Control Measures 4 and 5.
Construction Site and Post-Construction Control

The information in this section is being reported (check one):

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report?

		0
--	--	---

1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities? ☒ Yes ☐ No

1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook? ☒ Yes ☐ No ☐ NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.

☐ 09/2004 ☒ 03/2006 ☐ NT

2. Does your MS4/Coalition have a SWPPP review procedure in place? ☐ Yes ☐ No

3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?

		0
--	--	---

4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? ☒ Yes ☐ No ☐ NT

If Yes, how many public comments were received during this reporting period?

		0
--	--	---

5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? ☒ Yes ☐ No

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

<input type="radio"/> Notices of Violation	#	<input type="text" value="2"/>	<input type="radio"/> No Authority
<input type="radio"/> Stop Work Orders	#	<input type="text" value="0"/>	<input type="radio"/> No Authority
<input type="radio"/> Criminal Actions	#	<input type="text"/>	<input checked="" type="radio"/> No Authority
<input type="radio"/> Termination of Contracts	#	<input type="text"/>	<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Fines	#	<input type="text" value="0"/>	<input type="radio"/> No Authority
<input type="radio"/> Civil Penalties	#	<input type="text"/>	<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Orders	#	<input type="text"/>	<input checked="" type="radio"/> No Authority
<input type="radio"/> Enforcement Actions or Sanctions	#	<input type="text" value="0"/>	
<input type="radio"/> Other	#	<input type="text" value="0"/>	<input checked="" type="radio"/> No Authority

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

The information in this section is being reported (check one):

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report?

		0
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1. How many construction projects have been authorized for disturbances of one acre or more during this reporting period?

		0
--	--	---
 2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?

		0
--	--	---
 3. What percent of active construction sites were inspected during this reporting period? ☐ NT

		0
--	--	---

 %
 4. What percent of active construction sites were inspected more than once? ☐ NT

		0
--	--	---

 %
 5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual? ☒ Yes ☐ No ☐ NT
 6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval? ☐ Yes ☒ No ☐ NT
- If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? ☒ Yes ☐ No

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N Y R 2 0 A 4 7 7

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department

B u i l d i n g a n d P l a n n i n g

Address

9 M e m o r i a l A v e n u e

City

P a w l i n g

N Y

Zip

1 2 5 6 4 -

Phone

(8 4 5) 8 5 5 - 1 1 2 8

○ Library

Address

City

Zip

-

Phone

() -

○ Other

Address

City

Zip

-

Phone

() -

○ Web Page URL(s): Please provide specific address where SWPPPs can be accessed - not home page.

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Village of Pawling

SPDES ID

N Y R 2 0

7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Provide Training for Village of Pawling Employees and Trustees

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Village of Pawling Participated in the following Training events:
Planning Green Infrastructure
MS Pollution Prevention training
Pavement Maintenance

C. How many times was this observation measured or evaluated in this reporting period?

4

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

☒ Yes ☐ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

☒ Yes ☐ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Educate the Staff on procedures and requirements in the Local Law. The Village will continue to work with the East of Hudson Watershed Corporation to plan retrofit whenever opportunities present themselves.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Minimum Control Measure 5. Post-Construction Stormwater Management

The information in this section is being reported (check one):

- ☒ On behalf of an individual MS4
☐ On behalf of a coalition

How many MS4s contributed to this report?	0
---	---

1. How many and what type of post-construction stormwater management practices has your MS4/Coalition inventoried, inspected and maintained in this reporting period?

	# Inventoried	# Inspections	# Times Maintained
● Alternative Practices	<input type="text"/> <input type="text"/> 0	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
● Filter Systems	<input type="text"/> <input type="text"/> 0	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
● Infiltration Basins	<input type="text"/> <input type="text"/> 0	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
● Open Channels	<input type="text"/> <input type="text"/> 1	<input type="text"/> <input type="text"/> 1	<input type="text"/> <input type="text"/> 1
● Ponds	<input type="text"/> <input type="text"/> 0	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
● Wetlands	<input type="text"/> <input type="text"/> 0	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
○ Other	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>

2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? ☐ Yes

☐ Yes ☒ No

- 3. What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?**

- ☒ Building Codes ☒ Municipal Comprehensive Plans
☐ Overlay Districts ☐ Open Space Preservation Program
☐ Zoning ☒ Local Law or Ordinance
☐ None ☐ Land Use Regulation/Zoning
☐ Watershed Plans ☐ Other Comprehensive Plan
☐ Other:

[illegible]

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

☐ Yes ☒ No

4b. Does the MS4 have a banking and credit system for stormwater management practices?

☐ Yes ☒ No

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?

☐ Yes ☒ No

4d. How many stormwater management practices have been implemented as part of this system in this reporting period?

		0
--	--	---

5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?

		0
--	--	---

 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Through the East of Hudson (EOH) O&M program the open channel along the road has been inspected and maintained annually.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Observation of the ongoing maintenance of the Catch Basins. This included the removal of leaves and litter. Keeping the community tidy of garbage and wastes.

C. How many times was this observation measured or evaluated in this reporting period?

		5	0
--	--	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
☒ Yes ☐ No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
☒ Yes ☐ No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The intent is to locate funding sources to be able to map the Storm Water Collection system. This process is to begin ASAP

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported (check one):

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report?

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1. Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program (SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.

<u>Operation/Activity/Facility</u>	<u>Addressed in SWMP?</u>		<u>Self-Assessment</u>	
			<u>Operation/Activity/Facility performed within the past 3 years?</u>	
Street Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Bridge Maintenance.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Winter Road Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Salt Storage.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Solid Waste Management.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
New Municipal Construction and Land Disturbance..	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Right of Way Maintenance.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Marine Operations.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrologic Habitat Modification.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Parks and Open Space.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Municipal Building.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Stormwater System Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Other.....	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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2. Provide the following information about municipal operations good housekeeping programs:

- Parking Lots Swept (Number of acres X Number of times swept) # Acres

				1
--	--	--	--	---
- Streets Swept (Number of miles X Number of times swept) # Miles

			1	1
--	--	--	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

			5	0
--	--	--	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

			5	0
--	--	--	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs.

				0
--	--	--	--	---
- Nitrogen Applied In Chemical Fertilizer # Lbs.

				0
--	--	--	--	---
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres

			0	.	
--	--	--	---	---	--

3. How many stormwater management trainings have been provided to municipal employees during this reporting period?

				2
--	--	--	--	---

4. What was the date of the last training?

1	0	/	2	4	/	2	0	1	8
---	---	---	---	---	---	---	---	---	---

5. How many municipal employees have been trained in this reporting period?

		2
--	--	---

6. What percent of municipal employees in relevant positions and departments receive stormwater management training?

	5	0	%
--	---	---	---

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMP in this reporting period.

The Village Streets Dept. has successfully maintain the roads within the Village by thorough sweeping of the street within the Village. During the falls the Street Department has an aggressive program to pickup the leaves throughout the Village. The evidence is noted by the reduced number of catch basins that are clogged from leaf debris. The Street dept picked up nearly 180 tons of material from the street.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

It is very evident that the Village program for maintaining the Village streets is very effective. The streets are very clean free of litter, sand and leaves. the catch basin are notably free of clogged frame and grates.

C. How many times was this observation measured or evaluated in this reporting period?

		5	0
--	--	---	---

(ex. samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

☒ Yes ☐ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMP?

☒ Yes ☐ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The Streets Department will continue with its current program to sweep all streets in the spring and to collect the leaf litter in the fall. Ongoing inspection of catch basins will continue. Catch Basins that require maintenance will be attended to.

MS4 Annual Report FormThis report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Additional Watershed Improvement Strategy Best Management Practices

The information in this section is being reported (check one):

☒ On behalf of an individual MS4☐ On behalf of a coalitionHow many MS4s contributed to this report?

		0
--	--	---

MS4s must answer the questions or check NA as indicated in the table below.

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed			
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed			
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay			
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary			
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oswego Lake Watershed			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments			
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? ☒ Yes ☐ No ☐ N/A2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS? ☐ Yes ☐ No ☒ N/A

If N/A, go to question 3.

If No, estimate what percentage of the conveyance system has been mapped so far.

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 %Estimate what percentage was mapped in this reporting period.

--	--	--

 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? ☐ Yes ☒ No ☐ N/A
4. Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period?

		2
--	--	---

 %
5. Has your MS4/Coalition developed a program that provides protection equivalent to the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001) to reduce pollutants in stormwater runoff from construction activities that disturb five thousand square feet or more? ☒ Yes ☐ No ☐ N/A
6. Has your MS4/Coalition developed a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre that provides equivalent protection to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001), including the New York State Stormwater Design Manual Enhanced Phosphorus Removal Standards? ☐ Yes ☒ No ☐ N/A
- 7a. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading? ☐ Yes ☒ No ☐ N/A
- 7b. How many projects have been sited in this reporting period?

		2
--	--	---
- 7c. What percent of the projects included in 7b have been completed in this reporting period?

		0
--	--	---

 %
- 7d. What percent of projects planned in previous years have been completed?

--	--	--

 %
- ☒ No Projects Planned
- 8a. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper fertilizer application on municipally owned lands? ☒ Yes ☐ No ☐ N/A
- 8b. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper disposal of grass clippings and leaves from municipally owned lands? ☒ Yes ☐ No ☐ N/A

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	9
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition:

Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
---	---	---	---	---	---	---	---	---

9. Has your MS4/Coalition developed and implemented a program of native planting?

☐ Yes ☒ No ☐ N/A

10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?

☐ Yes ☒ No ☐ N/A

11. Does your MS4/Coalition have a pet waste bag program?

☐ Yes ☒ No ☐ N/A

12. Does your MS4/Coalition have a program to manage goose populations?

☐ Yes ☒ No ☐ N/A



Dutchess County Soil and Water Conservation District
2715 Rt.44, Suite 3
Millbrook, N.Y. 12545
Phone (845) 677-8011 ext. 3 Fax (845) 677-8354
www.dutchessswcd.org

TO: DUTCHESS COUNTY MS4 COMMUNITIES
FROM: ERIN SOMMERVILLE, DCSWCD
SUBJECT: PHASE II STORMWATER ASSISTANCE IN YEAR 16
DATE: 3/20/2019

Dear MS4s:

This memo provides details regarding Dutchess County Soil and Water Conservation District's (DCSWCD's) activities during Year 16 of the Phase II stormwater program. Additionally, we have included information regarding some activities completed by other organizations during Year 16. For ease of review and reporting, the reportable activities are organized into Phase II's six minimum measures.

1. Public Education and Outreach on Stormwater Impacts

Year 16

During Year 16 DCSWCD distributed brochures and other printed materials related to stormwater and water quality at numerous public events including the Dutchess County Fair (8/22-8/27/2018) DCSWCD annual seedling sale (4/20-4/21/2018), and the Vassar Farms Environmental Fair (9/30/2018). A total of 2005 pieces of material were handed out at these events. DCSWCD also provided educational brochures to municipal employees for distribution at various "Community Days" and other public events. The LaGrange CAC was given 225 brochures and the Town of Wappinger was given 150.

DCSWCD continued to administer the Dutchess County MS4 Coordination Committee which includes all traditional MS4s as members, as well as the New York State DOT and Dutchess County DPW. This committee meets monthly to discuss Phase II related topics. Meetings were held on: 4/11/18, 5/9/18, 6/13/18, 7/11/18, 9/12/18, 11/14/18, 12/12/18, 1/9/19, and 2/13/19. In lieu of an October meeting Committee Members attended the SENY Stormwater Conference.

DCSWCD hosted 3 NYSDEC certified contractor training sessions during Year 16. These were four hour classes for area contractors regarding proper soil erosion and sediment control. The training dates and number of attendees were as follows:

Date	# of Attendees
4/11/18	33
9/18/18	53
2/26/19	91

Again in 2018, DCSWCD assisted in the organization and administration of the Hudson Valley Regional Envirothon at the Sharpe Reservation in Fishkill on April 25th. The Envirothon is an environmentally based competition event between teams of high school students. The 2018 focus topic was Rangeland. A total of 14 schools from the 6-county region competed with 22 teams. From Dutchess County, Arlington High School competed with 1 team and Ketchum High School competed with 2 teams.

In Year 16, DCSWCD staff continued to maintain, update, and improve the stormwater webpage associated with the overall District website (<http://dutchessswcd.org/stormwater.htm>). The webpage includes information and web links useful to residents, businesses, and MS4s regarding Phase II and stormwater.

DCSWCD staff also created and maintained the MS4 Committee Facebook page (<https://www.facebook.com/pages/Dutchess-County-MS4-Coordination-Committee/246740025520089>). This page helps educate the public on MS4 related issues and any campaigns the committee is working on. This page has 34 "likes".

DCSWCD assisted in the organization of the 2018 Southeast New York Stormwater Conference & Trade Show on October 17th, 2018 in Beacon, NY (see attached agenda, Attachment A). This conference was attended by many MS4, county, and state officials, as well as consultants, contractors, and stormwater product providers. This conference provided attendees with a plethora of stormwater information and education. One Hundred and eleven people were in attendance. A breakdown of the number of registrants by zip code can be found in Attachment A.

The Committee also held a Stormwater Management Officer Training on June 13th, 2018 at the monthly MS4 Meeting. The flyer and attendance sheets can be found in Attachment B.

2. Public Involvement/Participation

Year 16

Public participation activities that DCSWCD participated in include attending quarterly public meetings and monthly working group meetings of the WIC, and monthly meetings of the Dutchess County MS4 Coordination Committee.

Table 1. 2019 DCSWCD Newsletter Mailings (February 2019)

2019 Newsletter Mailing		
Town	Zip	Qty
Amenia	12501	78
Bangall	12506	4
Barrytown	12507	3
Beacon	12508	21
Billings	12510	1
Chelsea	12512	2
Clinton Corners	12514	126
Dover Plains	12522	83
Fishkill	12524	32
Fishkill	12527	4
Holmes	12531	14
Hopewell Jct	12533	189
Hughsonville	12537	1
Hyde Park	12538	124
LaGrangeville	12540	138
Millbrook	12545	195
Millerton	12546	42
Pawling	12564	87
Pine Plains	12567	61
Pleasant Valley	12569	174
Poughquag	12570	63
Red Hook	12571	163
Rhinebeck	12572	149
Salt Point	12578	58
Staatsburg	12580	91
Stanfordville	12581	123
Stormville	12582	41
Tivoli	12583	31
Verbank	12585	38
Wappingers Falls	12590	136
Wassaic	12592	29
Wingdale	12594	44

Poughkeepsie City	12601	109
Poughkeepsie Town	12603	269
Poughkeepsie-Vassar	12604	1
Total		2724

Table 2. April 2018 DCSWCD Seedling Sale by Zip Codes

Conservation Plantings April 2018 DCSWCD Seedling Sale		
Zip Code	Number of Plants Sold	Conservation Acres
12501	160	0.27
12514	354	0.59
12522	40	0.07
12538	72	0.12
12540	324	0.54
Milan	30	0.05
12546	474	0.79
12564	48	0.08
12567	1612	2.69
12569	654	1.09
12601	1050	1.75
12571	918	1.53
12572	338	0.56
12581	866	1.44
12590	142	0.24
12545	1114	1.86
12508	52	0.09
12531	10	0.02
12533	107	0.18
12570	20	0.03
12578	80	0.13
12580	202	0.34
12582	510	0.85
12583	80	0.13
12585	204	0.34
12592	30	0.05
12594	188	0.31

3. Illicit Discharge Detection and Elimination

Year 16

Considering sediment loading in stormwater as an illicit discharge, DCSWCD has a Certified Professional in Erosion and Sediment Control (CPESC) on staff to assist communities with soil erosion issues. DCSWCD staff regularly responds to calls from MS4s who are witnessing illicit discharges from construction sites. We respond, assess the situation, and act as an agent to NYSDEC as necessary to move towards enforcement actions.

4. Construction Site Stormwater Runoff Control

Year 16

As stated above, DCSWCD hosted 4 training sessions for local contractors regarding proper soil erosion and sediment control.

As stated previously, DCSWCD has a Certified Professional in Erosion and Sediment Control (CPESC) on staff to assist communities with soil erosion issues, particularly those due to development or redevelopment projects. DCSWCD regularly responds to calls from MS4s to inspect problem construction sites.

5. Post-Construction Stormwater Management

6. Pollution Prevention/Good Housekeeping for Municipal Operations

DCSWCD also held a Highway Department Emergency Stream Intervention Training on October 24th, 2018. The Agenda and Attendance sheet from this event can be found in attachment C.

If you have any questions please contact me at 677-8011 x3. We look forward to continuing to collaborate with Dutchess County MS4 communities in the future.

Sincerely,



Erin W. Sommerville
MS4 Coordinator

ATTACHMENT A

Southeast New York Stormwater Conference

Wednesday, October 17 - 2018

Dutchess Manor - Beacon, NY

Tentative Agenda

8:00 – Conference Check-In, Trade Show and Continental Breakfast

Plenary I:

8:30 – Lower Hudson Coalition of Conservation Districts update
LHCCD Member Districts

8:40 – Integrating Green Infrastructure into Hazard Mitigation Planning
Maureen Krudner, USEPA Region 2

9:20 – FEMA's Community Rating System: Giving Your Residents Credit for Stormwater Activities
Bill Nechamen, CFM – Nechamen Consultants, LLC

10:00 -- Trade Show and Coffee Break

10:30 – Breakout Session I

A: Revitalizing an Impaired Lake: Hillside Lake East Fishkill NY
Steven Gruber, Renewal LLC

B: A WRI Partnership for Peak Flow Estimation: Culverts and Catch Basin Assessment Tools
Ben Houston, PE - Groundpoint Engineering

11:30 – Breakout Session II

A: Leveraging DNA to Identify Bacteria Sources in Stormwater
Mauricio Larrnas, Source Molecular LLC

B: Enabling Best Practices for Stormwater through a Standards Based Framework
Ricardo Lopez-Torres, CasaAlba Consulting

12:30 – Lunch and Sponsor Slideshow

1:20 – Breakout session III

A: Case Studies in Green Infrastructure
Peter M. Hanrahan, EJ Prescott

B: Green Infrastructure – Collaboration from Design to Post-Installation
Rob Woodman, P.E. - ACF Environmental

2:20 -- Coffee Break

Plenary II:

2:35 – Harmful Algal Blooms: Environment and Public Health Issues
Rebecca Gomey, HABs Program Coordinator, NYSDEC

3:30 – MS4 General Permit Renewal Status
Christina Chiappetta, NYSDEC

4:30: Conference Adjourns

Zip	# of Attendees
10013	1
10018	1
10038	2
10502	3
10504	3
10506	3
10509	4
10512	1
10516	2
10541	1
10589	1
10591	1
10595	1
10598	6
10603	1
10701	1
10901	2
10924	4
10931	2
10940	4
10941	2
10956	4
10962	2
10969	1
10970	5
10982	1
10990	3
11101	3
11368	1
11703	4
11797	2
11901	1

12159	1
12207	1
12235	1
12301	1
12402	1
12413	1
12450	1
12487	1
12508	5
12524	1
12533	1
12534	2
12538	2
12540	2
12545	2
12561	1
12563	1
12570	1
12601	2
12603	10

Attachment B



MS4 Stormwater Management Officer (SMO) Training

Presented by: Walter Artus, CPESC, CPMSM Stormwater
Management Consultants, Inc.

Wednesday June 13th, 2018

Farm and Home Center

2715 Route 44, Millbrook, NY 12545

Training will be held from 9:00-11:00AM

Please RSVP to Erin Sommerville at Dutchess County Soil & Water Conservation
District by June 8th

(845) 677-8011 x 3

erin.sommerville@ny.nacdnet.net

STORMWATER MANAGEMENT OFFICER TRAINING
Farm and Home Center
June 13, 2018

Employee Name	Municipality	Department	Email Address
SUSAN DAD	T/O Wappinger	Sanitary	SUNVAZ519@optonline.net
Vol Griffiths	T/O Wappinger	Sanitary	VGriffiths@TownofWappinger.us
Wanda Lingua	T/O Wappinger	P.R.	wlingui@lagrange.ny.gov
Dave Morris	V/Fishkill	W	
Shannon Feltus	T/Berkham	CAC	SShannon@gsnail.com
Anthony Steere	T/O Wappinger	Building	ASteere@TownofWappinger.us
Joe Chentier	110 Pok	Engineering	jchentier@cityofpoughkeepsie.com
JOSEPH KANE	CLP&K	ENGINEERING	TKANE@CITYOFPOUGHKEEPSIE.COM
Michelle Kase	U of W	Cicex	
MICHAEL FERRAS	U of W	Engineer	mxferras@borsenext.com
Kathleen Morris	Town of HIP	Zone Admin	Zoneadm@hydepark.ny.us
MAX DAD	Town of East Fishkill	Building Inspector	MAD@3163.net
BARBARA ROBERTI	T/O Wappinger	Building/Zone Admin	barbarer@townofwappinger.us
Greg A 1615	T/O Wappinger	" "	Building 2 @ townofwappinger.us
M. Anne Uddin	DEDPW	Eng. Dept	
Rochelle Dady	T.O. Poughkeepsie	MIS	yedady@poughkeepsie.com

Attachment C

DUTCHESS COUNTY
soil & water
CONSERVATION DISTRICT
Since 1945

**PREPARING LOCAL HIGHWAYS
FOR AN EMERGENCY**

AGENDA

8:-00-Sign In

8:30-12:00- Post Flood Emergency Stream Intervention Training

12:00-12:45- Lunch Break

12:45-1:15- Stream Table Examples and Demo

1:15-1:30-Emergency Management/Hazard Mitigation Plans

1:30-1:45-NAACC Culvert Inventory Program

1:45-2:00-Invasive Species Management

2:00-2:30-Hydroseeding Demo

Wednesday October 24th, 2018

Farm & Home Center

2715 Route 44, Millbrook, New York 12545

Presented by: Dutchess County Soil and Water Conservation District

HIGHWAY DEPARTMENT ESI TRAINING
Farm and Home Center
October 24, 2018

Employee Name	Municipality	Department
WALTER ADAMS	LAKEVILLE	PLANNING & PUBLIC WORKS
Coleman Lawrence	Village of Millerton	Highway, Water
Anthony Savino's	Village of Millerton	Highway / Water
Heather M. Wilson	Pine Plains	Highway Supt.
Theresa Burke	Town of Adirondack	Highway Supt.
Michael Coons	Pine Plains	MEO
MARK Dillingen	Pine Plains	worker
Brian White	Pine Plains	MEO
Brian Swann	Westerly College	CONTRACTS / PROJECTS
JOSEPH STANKAVAGE	DCDPW	ENGINEERING
MATT DUTCHAY	DCDPW	ENGINEERING
X James (Jim) Grogan	Village of Pawling	Highway
X Francis Lansing	Village of Pawling	Highway
Jeanne Fickler	Tor Down	Highway
Vincent B. Hink	South Town Wapping	Highway Supt.
Hogan Long	NYS DEC	
Brian Buchanan	NYS DEC	
ALVARO GONZALEZ	The Chazen Companies	Municipal Department

Training Conducted by: Brian Scoralick, Dutchess County Soil and Water Conservation District