

MS4 ANNUAL REPORT EVALUATION FOR PERIOD ENDING MARCH 9, 2018

May 18, 2018

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, 2018

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

SPDES ID

N Y R 2 0 A

SPDES ID

N Y R 2 0 A

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SPDES ID

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SPDES ID

N Y R 2 0 A

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 8

Name of MS4 Village of Pawling

SPDES ID

N	Y	R	2	0	A	4	7	7
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Each MS4 must submit an MCC form.

Section 1 - MCC Identification Page

Indicate whether this MCC form is being submitted to certify endorsement or acceptance of:

- An Annual Report for a single MS4
- A Single Entity (Per Part II.E of GP-0-10-002)
- A Joint Report

Joint reports may be submitted by permittees with legally binding agreements.

If Joint Report, enter coalition name:

[illegible]

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 8

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

R o b e r t

MI

Last Name

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 n u e

City

P a w l i n g

State

N Y

Zip

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

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

County

D u t c h e s s

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 8

Name of MS4 Village of Pawling

SPDES ID

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☐ Duly Authorized Representative
☐ Local Stormwater Public Contact
☐ Stormwater Management Program (SWMP) Coordinator
☒ Report Preparer

First Name

D a n i e l

MI

Last Name

P e t e r s

Title

V i l l a g e T r u s t e e

Address

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

City

P a w l i n g

State

N Y

Zip

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

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

County

D u t c h e s s

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2018

Name of MS4 Village of Pawling

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☐ Duly Authorized Representative
☐ Local Stormwater Public Contact
☐ Stormwater Management Program (SWMP) Coordinator
☒ Report Preparer

First Name

J o s e p h

MI

Last Name

Z a r e c k i

Title

V i l l a g e E n g i n e e r

Address

1 1 W e s t M a i n S t r e e t

City

P a w l i n g

State

N Y

Zip

1 2 5 6 4 -

eMail

J o e z @ Z a r e c k i . c o m

Phone

(8 4 5) 8 5 5 - 3 7 7 1

County

D u t c h e s s

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2 0 1 8

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

D u t c h e s s c o u n t y M S 4 C o o r d i n a t i o n

Partner/Coalition Name (con't.)

C o m m i t t e e

SPDES Partner ID - If applicable

Address

2 7 1 5 r o u t e 4 4

City

M i l l b r o o k

State

N Y

Zip

1 2 5 4 5 -

eMail

e r i n . s o m m e r v i l l e @ n y . n a c d n e t . n e t

Phone

() -

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 P u b l i c E d u c a t i o n s

• MM2 M a p p i n g a n d L a w D e v e l o p m e n t

• MM3 T r a i n i n g

• MM4 B i l l b o a r d s

• MM5 S t a f f T r a i n i n g V i d e o s

○ 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 New York City DEP Watershed.

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2 0 1 8

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.

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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 s h e d

Partner/Coalition Name (con't.)

C o r p o r a t i o n

SPDES Partner ID - If applicable

Address

P o s t O f f i c e B o x 1 7 6

City

P a t t e r s o n

State

Zip

N Y

1 2 5 6 3 -

eMail

r a h u l @ e o h w c . o r g

Phone

() -

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.

Retrofi Planning and applications for grants of mapping, retrofits, on-site systems inspecitons, et.

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 8

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 VI.J.

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

0 5 / 2 2 / 2 0 1 8

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, 2018

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 Pwling

SPDES ID

N	Y	R	2	0	A	4	7	7
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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?

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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

☐ Yes ☒ No

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

URL

[illegible]

URL

[illegible]

URL

[illegible]

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 1 8

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

S	e	p	t	i	c	M	a	i	n	t	e	n	a	n	c	e
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Other

2. Specific audiences targeted during this reporting period:

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

Public / School Billboard Campaign

Other

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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 8 8

● Direct Mailings

Mailings 8 7

● Kiosks or Other Displays

Locations 4

● List-Serves

In List 6 2

○ Mailing List

In List

○ Newspaper Ads or Articles

Days Run

○ Public Events/Presentations

Attendees 2 8 0

● School Program

Attendees 7 5

● TV Spot/Program

Days Run 3 6 5

● Printed Materials:

Total # Distributed 7 5 5

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

Village Clerk Office
Village Meeting Room
Dutchess County Fair
DCSWCD Millbrook

● Other:

Facebook Campaign

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

URL

www.dutchesswcd.org
www.epa.gov
www.dcc.ny.gov

URL

http://www/ccedutchess.org/envir
onmentenergy/water-resource

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.

SPDES ID

N	Y	R	2	0	A	4	7	7
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Name of MS4/Coalition

Village of Pawling

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

URL

w	w	w	.	d	c	r	r	a	.	o	r	g	/	h	h	w	a	s	t	e	.	h	t	m	l

URL

h	t	t	p	s	:	/	/	w	w	w	/	f	a	c	e	b	o	o	k	.	c	o	m	/	p	a	g	e	s	/	
d	u	t	c	h	e	s	s	-	c	o	u	n	t	y	-	m	s	4	-	c	o	o	r	d	i	n	a	t	i	o	n

URL

w	w	w	.	v	i	l	l	a	g	e	o	f	p	a	w	l	i	n	g	.	o	r	g	/	i	n	d	e	x	.	p
h	p	/	m	s	4																										

URL

w	w	w	.	l	h	c	c	d	.	n	e	t																		

URL

URL

URL

MS4 Annual Report Form

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

2	0	1	8
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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. 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 (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 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 the behavior and actions.

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

Attendance at presentation, training and distribution is generally consistent with the previous reporting period. Billboard Campaign.

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

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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).

continuation of the billboard campaign, reaching out to the school district, and awareness through public events. Storm Water Manager Officer School for 2018

MS4 Annual Report Form

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SPDES ID

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 Name of MS4/Coalition

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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 coalition

How many MS4s contributed to this report?

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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:

<input checked="" type="radio"/> Cleanup Events	# Events	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td>3</td></tr></table>					3								
				3											
<input type="radio"/> Comments on SWMP Received	# Comments	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>													
<input checked="" type="radio"/> Community Hotlines	Phone #	(<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td></tr></table>) <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> - <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>													
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4	8	6													
2	5	0	0												
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8	5	5													
1	1	2	2												
Phone #	(<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td></tr></table>)				<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td></tr></table> - <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td></tr></table>										
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<input type="radio"/> Community Meetings	# Attendees	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>													
<input checked="" type="radio"/> Plantings	Sq. Ft.	<table border="1" style="display: inline-table;"><tr><td>1</td><td>6</td><td>6</td><td>6</td><td>6</td></tr></table>	1	6	6	6	6								
1	6	6	6	6											
<input type="radio"/> Storm Drain Markings	# Drains	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>													
<input checked="" type="radio"/> Stakeholder Meetings	# Attendees	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td>1</td><td>0</td><td>9</td></tr></table>			1	0	9								
		1	0	9											
<input checked="" type="radio"/> Volunteer Monitoring	# Events	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td>1</td></tr></table>					1								
				1											
<input checked="" type="radio"/> 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

<input type="radio"/> List-Serve	# In List	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>					
<input type="radio"/> Newspaper Advertising	# Days Run	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>					
<input type="radio"/> TV/Radio Notices	# Days Run	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>					
<input checked="" type="radio"/> Other:	N o t i c e o f V i l l a g e 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, 2018

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

SPDES ID

N Y R 2 0 A 4 7 7

Name of MS4/Coalition Village of Pawling

2. URL(s) con't.:

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

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

SPDES ID

Name of MS4/Coalition	Village of Pawling
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Please provide specific address(es) where notices can be accessed - not home page.

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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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

1 0 B r o a d S t r e e t

City

P a w l i n g N Y

Zip

1 2 5 6 4 -

Phone

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☐ Other

☐ Annual Report ☐ SWMP Plan ☐ Comments

Address

City

Zip

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Phone

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☐ 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

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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 Pwling

SPDES ID

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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	5
---	---	---

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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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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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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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 (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.

Continue efforts to encourage participation in bulk waste, e-waste and household hazardous waste collection events. Outfall inspections occur for nearly 100% of outfalls annually.

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

The number of events conducted and attendances observed is generally consistent with previous reporting periods.

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 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).

continue cleanup events

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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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?

--	--	--

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

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

 #

1	0	0
---	---	---

 %

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

	3	5
--	---	---

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

☐ Auto Recyclers

☒ Building Maintenance

☐ Churches

☐ Commercial Carwashes

☐ Commercial Laundry/Dry Cleaners

☐ Construction Vehicle Washouts

☐ Cross-Connections

☐ Distribution Centers

☐ Food Processing Facilities

☐ Garbage Truck Washouts

☐ Hospitals

☐ Improper RV Waste Disposal

☐ Industrial Process Water

☒ Other:

☐ Landscaping (Irrigation)

☐ Marinas

☐ Metal Plateing Operations

☐ Outdoor Fluid Storage

☐ Parking Lot Maintenance

☐ Printing

☐ Residential Carwashing

☒ Restaurants

☐ Schools and Universities

☒ Septic Maintenance

☐ Swimming Pools

☐ Vehicle Fueling

☐ Vehicle Maint./Repair Shops

☐ 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:

S	a	n	i	t	a	r	y		C	o	l	l	e	c	t	i	o	n		s	y	s	t	e	m		I	/	I
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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 1 8

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

SPDES ID

Name of MS4/Coalition

Village of Pawling

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
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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	0	$\frac{9}{8}$
---	---	---	---------------

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, 2018

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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8. URL(s) con't.:

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

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[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?

1	0	0	8
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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.

SPDES ID

Name of MS4/Coalition

Village of Pawling

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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.

Outfall Surveillance

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

Overall outfall-surveillance for nearly 100% of outfalls. Individual outflows 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).

Continue enforcement of the onsite wastewater treatment system management law. continue Mapping of u/g stormwater system in conjunction with the sanitary collection system. establish hotline for possible illicit discharges. use excel videos to train Trustees and new street department staff.

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

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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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?

--	--	--

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

--	--	--

 %

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

--	--	--

 %

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, 2018

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

SPDES ID

Name of MS4/Coalition	Village of Pawling
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N	Y	R	2	0	A	4	7	7
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6. con't.:

Submit additional pages as needed.

● **MS4/Coalition Office**

Department

[illegible]

Address

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

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Zip

Phone
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○ Library

Address

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City

[illegible]

Zip

Phone

$$\left(\begin{array}{|c|} \hline \\ \hline \end{array} \right) \begin{array}{|c|} \hline \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \end{array}$$

☐ Other

Address

[illegible]

City

[illegible]

Zip

Phone

() -

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

URL

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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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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 Employees of Village of Pawling participated in the following training events running your highway dept.

Pavement maintenance

Planning green infrastructure.

MS4 pollution prevention Training

Relocation / Demolition / Road Construction Training

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

			4
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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).

Educate staff on procedures and requirements in the Local Law. The Village will 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, 2 0 1 8

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?

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
<input type="radio"/> Alternative Practices	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Filter Systems	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Infiltration Basins	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Open Channels	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Ponds	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Wetlands	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="radio"/> Other	<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
- ☐ Overlay Districts
- ☐ Zoning
- ☐ None
- ☐ Watershed Plans
- ☐ Other:
- ☐ Municipal Comprehensive Plans
- ☐ Open Space Preservation Program
- ☒ Local Law or Ordinance
- ☐ Land Use Regulation/Zoning
- ☐ Other Comprehensive Plan

[illegible]

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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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
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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?

		4
--	--	---

 %

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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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.

The Village has been participating with the East of Hudson Watershed Corporation to implement stormwater retrofit projects.

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

The group as a whole has been continuing to implement retrofit projects.

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).

The Village will continue to work with the East of Hudson Corporation to plan retrofits projects and coordinate O&M on existing projects.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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 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?

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</u> <u>performed within the past 3</u>	
			<u>years?</u>	
Street Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input 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 type="radio"/> Yes	<input type="radio"/> No
Salt Storage.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Solid Waste Management.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
New Municipal Construction and Land Disturbance..	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Right of Way Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Marine Operations.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Hydrologic Habitat Modification.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Parks and Open Space.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Municipal Building.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Stormwater System Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input 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 8

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

2. Provide the following information about municipal operations good housekeeping programs:

- ☐ Parking Lots Swept (Number of acres X Number of times swept) # Acres
- ☐ Streets Swept (Number of miles X Number of times swept) # Miles 1 2
- ☐ Catch Basins Inspected and Cleaned Where Necessary # 7
- ☐ Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 1 0
- ☐ Phosphorus Applied In Chemical Fertilizer # Lbs. 1 0
- ☐ Nitrogen Applied In Chemical Fertilizer # Lbs. 1 0
- ☐ Pesticide/Herbicide Applied # Acres
- (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)

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?

0 3 / 0 1 / 2 0 1 8

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

4

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

6 0 %

MS4 Annual Report Form

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

2	0	1	8
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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 (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.

Training for Highway Department, inspection of drainage systems and outfalls

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

Highway Department continued to inspect outfalls

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

			1
--	--	--	---

(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 Village will continue to train its employees and perform inspections.

MS4 Annual Report Form

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

2	0	1	8
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

SPDES ID

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

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 coalition

How many MS4s contributed to this report?

--	--	--

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
Oscawana 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/A

2. 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.

--	--	--

 %

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	8
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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?

--	--	--

 %

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	0
--	---	---

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

	3	0
--	---	---

 %

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

	7	0
--	---	---

 %

☒ 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	8
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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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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 15
DATE: 3/7/2018

Dear MS4s:

This memo provides details regarding Dutchess County Soil and Water Conservation District's (DCSWCD's) activities during Year 15 of the Phase II stormwater program. Additionally, we have included information regarding some activities completed by other organizations during Year 15. 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 15

During Year 15 DCSWCD distributed brochures and other printed materials related to stormwater and water quality at numerous public events including the Dutchess County Fair (8/22-8/27/2017) DCSWCD annual seedling sale (4/21-4/22/17), and the Vassar Farms Environmental Fair (9/17/17). A total of 350 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.

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: 4/12/17, 5/10/17, 6/14/18, 7/12/17, 9/13/17, 11/15/17, 12/13/17, 1/10/18, and 2/14/18. In lieu of an October meeting Committee Members attended the SENY Stormwater Conference. The Committee also co hosted a Green Infrastructure Forum and Bus Tour. This was held on October 5th, 2017.

DCSWCD hosted 4 NYSDEC certified contractor training sessions during Year 15. 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
4/4/17	59
9/20/17	22
9/26/17 (held in Putnam county)	34
3/1/2018	73

Again in 2017, DCSWCD assisted in the organization and administration of the Hudson Valley Regional Envirothon at the Sharpe Reservation in Fishkill on April 26th. The Envirothon is an environmentally based competition event between teams of high school students. The 2017 focus topic was Agricultural Soil and Water Conservation Stewardship. A total of 15 schools from the 6 county region competed with 24 teams.

In Year 15, 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 33 "likes".

DCSWCD assisted in the organization of the 2017 Southeast New York Stormwater Conference & Trade Show on October 18th, 2017 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.

2. Public Involvement/Participation

Year 15

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. 2017 DCSWCD Newsletter Mailings (March 2017)

2017 Newsletter Mailing		
Town	Zip	Qty
Amenla	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
Wassalc	12592	29

Wingdale	12594	44
Poughkeepsie City	12601	109
Poughkeepsie Town	12603	269
Poughkeepsie-Vassar	12604	1
Total		2724

3. Illicit Discharge Detection and Elimination

Year 15

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 15

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 held multiple Pollution Prevention Good Housekeeping Trainings. Two trainings were held for Highway Department Staff and one training was held for Parks and Recreation Staff. Sign in sheets are included in Attachment B.

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 18 - 2017

Dutchess Manor - Beacon, NY

Agenda

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

Plenary I:

- 8:20 -- **Lower Hudson Coalition of Conservation Districts update**
Mike Jostrenski, CFM - LHCCD Coordinator
- 8:30 -- **Green Infrastructure Strategic Planning for the Capital District**
Marlin Daley, Capital District Regional Planning Commission; Bradley D. Grant, Barton & Loguidice; Nadine R. Madina, P.E., CPESC, LEED AP BD+C, Barton & Loguidice; Doug Clark, P.E., LEED AP, Ryan Biggs Clark Davis
- 9:30 -- **Examining Recent Temperature and Precipitation Trends in Southeast New York and their Impact on Flood Frequency**
David Vallee, NOAA/NWS/Northeast River Forecast Center

10:20 – Trade Show and Coffee Break

10:50 – Breakout session I

- A: **NYS Community Risk and Resiliency Act Update**
Mark Lerner, NYS DEC Office of Climate Change
Climate Adaptive Design: Using Design to Inspire Climate Adaptive Action and Build Stakeholder Capacity Along the Hudson River
Uday Jaraman, NYS DEC Hudson River Estuary Program
- Town-Scale Road Stream Crossing Management Planning**
Mike Jostrenski, CFM, LHCCD, Nick LaBianco, Dutchess County Soil & Water Conservation District
- B: **Lake George Sustainability Projects: stormwater treatment, Porous Asphalt & Advancing the Technologies**
Thomas Barch, P.E., Barton & Loguidice
- C: **Assessing Green Infrastructure: Kingston Uptown Parking Lot**
Emily Valli, New Water Resources Institute at Cornell University

12:30 – Lunch and Sponsor Slideshow

Plenary II

- 1:10 -- **City of Ithaca Stormwater User Fee Program**
Aaron Lavine, Esq., City of Ithaca
- 2:10 -- **Green Infrastructure in New York City Streets**
Edn Cuddihy, NYC Department of Transportation; Adriana Kacovic, NYC Department of Environmental Protection

3:05 – Breakout session II

- A: **Using Trees as an Ultra-Urban Stormwater BMP**
Key: Deep Root Green Infrastructure
Stream Buffer Protection for Stormwater Management
Beth Roessler, NYS DEC Hudson River Estuary Program
- B: **Construction of Paved and Unpaved Roads Using Geogrids**
William Water-Tensor
Making Sense of Manufactured Treatment Device Madness
Derek Barr, CONTECH Engineered Solutions LLC

4:15 – 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

HIGHWAY DEPARTMENT POLLUTION PREVENTION TRAINING
East Fishkill Town Hall
April 27, 2017

Employee Name	Municipality	Department
Fred Scott	Town of East Fishkill	Highway
Glenn Bacher	NYS DOT	DOT
Jim VanAntwerp	Union Vale	Highway
Bill Stapp	East Fishkill	Highway
Jessie VanAntwerp	East Fishkill	Highway
Nathan Meyer	"	"
Dave Montfort	Wappinger	Highway
Charles Conklin	Palisades	Highway
Charles Etheis	Fishkill	Highway
Michael Kelly	Wappingers	Highway
Michael Wiseman	Union Vale	Highway
Vincent Patton	Town of Wappinger	Highway
Paul Barry	Town of Wappinger	Highway
Daniel Varco	Town of Wappinger	Highway
Kevin Higgs	East Fishkill	Highway
Peter Delfico	City of Beacon	Highway
Alberto Suter	City of Beacon	Highway
Thomas King	East Fishkill	Highway
Ryan Knapp	East Fishkill	Highway
Lori Brunschman	E.F.	"
Chris Heady	Wappinger	Highway
Sean Kelly	Wappinger	Highway
Jesse Schuchter	E.F.	Highway
Mike Cicero	EF	Highway
Lorlene Cicero	EF	Highway

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

East Fishkill Town Hall
April 27, 2017

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

HIGHWAY DEPARTMENT POLLUTION PREVENTION TRAINING
East Fishkill Town Hall
April 27, 2017

Employee Name	Municipality	Department
Jay Dickinson	Town of Pawling	Hwy
Danny Burke	Fishkill	Hwy
Wayne R. Campbell	Fishkill	Hwy
G. H. B.	T/O Union Val	CEU
Mike Murre	East Fishkill	Hwy
CRAG CHARLES	WF	Highway
William Hester	WF	Highway
Roger S. Sams	Ct. of Barre	Highway
Everett Lee	East Fishkill	Highway
Cheng Velle	East Fishkill	Highway
Mike Skerbin	Town of Wapping	Highway
Kevin Bohannon	Town of Wapping	Highway
Bob Harris	Town of Wapping	Highway
John George	Town of Wapping	Shop
John M. D. Martin	Town of Wapping	Highway Dept
Butch Kidney	Town of East Fishkill	Rec Dept
Russell Tutola	Town of East Fishkill	Rec
T. S. Muller	Town of East Fishkill	Highway Dept
Rick W. W. W. W.	Town of East Fishkill	EMS
Daniel Krapp	East Fishkill	Hwy

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

HIGHWAY DEPARTMENT POLLUTION PREVENTION TRAINING
LaGrange Town Hall
October 12, 2017

[illegible]

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

PARKS AND RECREATION POLLUTION PREVENTION TRAINING
 Union Vale Town Hall
 March 22, 2017

Employee Name	Municipality	Department
THOMAS ST. JAC	Union Vale	Parks & Rec
Brian Conner	Fishkill	Parks
Ron Conner	Bowling	Highway
Steve Williams	1 L	
Daniel Hyman	Beekman	
James O'Neill	Beekman	
John H. Ghan	Beekman	
Ken Tompkins	BECKMAN	HIGHWAY
Bill W. Kelley	Beekman	Highway
Ruby Gentry	Beekman	Highway
Tony Corallo	Beekman	Highway
Karen Fiston	Beekman	ISD
Sandra Cor	Beekman	Parks & Rec
Thomas W. Gentry	Beekman	Buildings & Grounds
Jason Watson	Beekman	Buildings & Grounds
Wendel Weber	Town of Beekman	Buildings & Grounds
Garrett Uhl	Beekman	Buildings & Grounds
MICHAEL NEVAK	UNIONVALE	RECYCLING
Tom Morrison	Pleasant Valley	Rec
Matt Nenni	Pleasant Valley	Rec
JAKE Gentry	Union Vale	Parks
Tom Tierney	Union Vale	Parks

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

Conservation Plantings April 2017 DCSWCD Seedling Sale

Zip Code	Number of Plants Sold	Conservation Acres
12501	542	0.9
12508	420	0.7
12514	628	1.1
12522	404	0.67
12531	20	0.03
12533	344	0.57
12538	292	0.49
12540	384	0.64
12545	1356	2.26
12546	90	0.15
12564	324	0.54
12567	1110	1.85
12569	776	1.29
12570	308	0.51
12571	638	1.06
12572	552	0.92
12578	262	0.44
12580	386	0.64
12581	162	0.27
12585	262	0.44
12590	306	0.51
12594	60	0.1
12601	314	0.52
12603	332	0.55



Registration Form

Please register by clipping and returning this form with your payment **OR** register on-line with a credit card Name (please include professional certifications)

Affiliation/Business

Street Address

City State Zip Code

Telephone Email Address

Registration Fee:

On or before October 1: \$ 125.00
After October 1: \$ 150.00

Payment Options:

Check:
Make payable to "NYC Soil & Water Conservation District"

Mail this form & payment to:

NYC Soil & Water Conservation District
Attn: LHCCD / Shino Tanikawa
121 Sixth Avenue
Suite 501
New York, NY 10013

Credit Card:

Register on-line at
https://tickets.2017_senysw_conference.eventbrite.com

PURCHASE ORDERS WILL NO LONGER BE ACCEPTED

Sorry, no refunds after October 1st.

Registration questions? Contact Mike Jastrzemski at MJ.LHCCD@gmail.com or 315-212-4181



Professional Development

In 2016, the **SENY Stormwater Conference** was approved for 5 Continuing Education Credits for Certified Floodplain Managers (Association of State Floodplain Managers); 5 Professional Development Hours for Registered Landscape Architects (American Society of Landscape Architects); and 4 Professional Development Hours for Professional Engineers (Practicing Institute of Engineering, Inc.). We anticipate similar credit being offered for the 2017 conference. **PLEASE INCLUDE PROFESSIONAL CERTIFICATIONS ON YOUR REGISTRATION FORM.** Self-certification certificates will be available at the registration table after conference adjourns. Please visit www.lhccd.net for updates and more information.

Conference Venue



The Dutchess Manor
263 Route 9D
Beacon, NY 12508
845-831-3650
www.dutchessmanor.com

Overnight accommodations may be found nearby in Newburgh and Fishkill.

17th Annual Southeast New York Stormwater Conference and Trade Show



**OCTOBER 18, 2017
Beacon, New York**

presented by

The Lower Hudson Coalition of
Conservation Districts



www.lhccd.net

Including Soil and Water Conservation
Districts in the counties of

Albany, Rensselaer, Columbia, Dutchess,
Greene, Orange, Putnam, Rockland,
Ulster, Westchester and New York City

Southeast New York Stormwater Conference

Wednesday, October 18 - 2017

Dutchess Manor - Beacon, NY

Agenda

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

Plenary I:

8:20 -- Lower Hudson Coalition of Conservation Districts update

Mike Jastremski, CFM - LHCCD Coordinator

8:30 -- Green Infrastructure Strategic Planning for the Capital District

Martin Daley, Capital District Regional Planning Commission; Bradley D. Grant, Barton & Loguidice; Nadine R. Medina, P.E., CPESC, LEED AP BD+C, Barton & Loguidice; Doug Clark, P.E., LEED AP, Ryan Biggs Clark Davis

9:30 -- Examining Recent Temperature and Precipitation Trends in Southeast New York and their Impact on Flood Frequency

David Vallee, NOAA/NWS/Northeast River Forecast Center

10:20 – Trade Show and Coffee Break

10:50 – Breakout session I

A: NYS Community Risk and Resiliency Act Update

Mark Lowery, NYS DEC Office of Climate Change

Climate-Adaptive Design: Using Design to Inspire Climate Adaptive Action and Build Stakeholder Capacity Along the Hudson River

Libby Zernaitis, NYS DEC Hudson River Estuary Program

Town-Scale Road-Stream Crossing Management Planning

Mike Jastremski, CFM, LHCCD; Nicole Laible, Rockland County Soil & Water Conservation District

B: Lake George Sustainability Projects: Stormwater Treatment, Porous Asphalt & Advancing the Technologies

Thomas Baird, P.E. - Barton & Loguidice

Assessing Green Infrastructure: Kingston Uptown Parking Lots

Emily Vail, NYS Water Resources Institute at Cornell University

12:30 – Lunch and Sponsor Slideshow

Plenary II

1:10 – City of Ithaca Stormwater User Fee Program

Aaron Lavine, Esq. - City of Ithaca

2:10 – Green Infrastructure in New York City Streets

Erin Cuddihy, NYC Department of Transportation; Adriana Kocovic NYC Department of Environmental Protection

3:05 – Breakout session II

A: Using Trees as an Ultra-Urban Stormwater BMP

Al Key, Deep Root Green Infrastructure

Stream Buffer Protection for Stormwater Management

Beth Roessler, NYS DEC Hudson River Estuary Program

B: Construction of Paved and Unpaved Roads Using Geogrids

William Maier, Tensar

Making Sense of Manufactured Treatment Device Madness

Derek Berg, CONTECH Engineered Solutions LLC

4:15 – Conference Adjourns



Pollution Prevention and Good Housekeeping Training for Highway Departments

Presented by: Dutchess County Soil and Water Conservation District

Thursday October 12th, 2017

LaGrange Town Hall

120 Stringham Road, Lagrangeville, NY 12540

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

Please RSVP to Erin Sommerville at Dutchess County Soil & Water Conservation District by
October 11th

(845) 677-8011 x 3

erin.sommerville@ny.nacdnet.net