

**May 6, 2015 – Year 12– MS4 Annual Report to the Town of Lloyd Town Board**

My name is Shari Riley. I am a Code Enforcement and Stormwater Officer for the Town of Lloyd. I am also a Certified Professional in Erosion and Sediment Control.

NYS DEC issued a new SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s) (GP-0-10-002) that went into effect May 1, 2010 and expires April 30, 2015. By law, we are required to present this annual report to the Town Board in a public meeting setting to help keep the Town Board, other Town representatives and the public aware of the Town of Lloyd's efforts to comply with the mandated state and federal regulations pertaining to Stormwater Discharges from Municipal Stormwater Systems (better known as MS4s). The annual report must be recorded as part of the minutes as well as the number of people attending and questions and answers presented in the meeting.

The handout you have before you is the Annual Report encompassing March 10, 2014 to March 10, 2015 (year 12). This report is to be filed with the NYSDEC before June 1, 2015.

A copy of this report is to be maintained on file at the Office of the Town Clerk and available on the Town of Lloyd website for public access. After this meeting I ask that you please take some time to read this report and let me know if there are any issues that need clarification.

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The Town of Lloyd is now one of 16 regulated municipalities in Ulster County that is required to establish an effective ***Stormwater Management Plan (SWMP)*** for MS4 Compliance.

The term MS4 includes both municipal and non-municipal systems of underground pipes, and also systems of streets and roads with drainage, catch basins, curbs, gutters, ditches, man-made channels and storm drains, whether or not the system is owned by a municipality.

Federal and State laws required that an SWMP had to be fully developed and implemented in the Town of Lloyd by January 8, 2008. This effort started in 2003 when the Town filed a Notice of Intent with the NYSDEC to establish such a plan. On June 10, 2009, the Town Board adopted an updated Town

Stormwater Management Plan. A copy of the SWMP must be maintained at Town Hall for inspection by USEPA and NYSDEC and the Public.

There is a strong foundation in place to have the Town meet all six minimum ongoing goals, which are:

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

We are all responsible for meeting these Stormwater Management obligations.

- Town Board
- Building Department
- Fire Department
- Highland Central School District
- Highway Department
- Town Planning and Zoning Boards
- Town Attorney
- Town Engineer
- Water and Sewer Department
- Environmental Conservation Council
- Recreation Department
- Contractors working in the Town
- Homeowners and businesses in the Town
- The General Public

I will now go over the Stormwater goals which have been met and the new and continuing goals for next year (2015-2016).

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**A motion and vote are needed to accept this report and to authorize its submission to NYSDEC.**

## **The 2014 Stormwater goals which have been met and new and continuing goals for 2015-2016 (Year 13)**

1. A Resolution to appoint a representative from Morris Associates and Lawrence J. Paggi, PE, PC to sign SWPPP acceptance forms and NOT forms needs to be created and will be voted on at the May Town Board Meeting.
2. Handouts were distributed through the Water/Sewer bills again this year. Thanks to the cooperation of Chris Giangrasso 1619 residents were educated on watersheds and pollution prevention.
3. Shari Riley was part of an expert panel at the Green Infrastructure for Stormwater Management Educational Workshop at SUNY New Paltz on Dec. 8, 2014. Topics covered were water quality goals and trends, a brief overview of the regulations requiring local stormwater programs in municipalities designated as MS4s. It was aimed at municipal staff, planners, engineers, interested citizens and others involved in protecting water quality and managing stormwater.
4. Water and Sewer staff was trained on Illicit Discharge Detection and Elimination and a reporting form was created.
5. An Illicit Discharge Detection and Elimination process will be outlined on our new website with contact information and phone number. This will include - What to look for and who to call.
6. Kevin Rizzo invited me to speak with his 8<sup>th</sup> grade class on water quality before this school year is complete. We had scheduled a day last Fall but it was cancelled due to weather.
7. DEC adopted a new Construction Activity Permit No. GP-0-15-001 which became effective on January 29, 2015 and will expire January 28, 2020. Highlighted changes are any building, structure or object over 50 years old within a specified distance from the project needs to have a State Historic Preservation Review Process. Other changes are the authorization period after submitting Notice of Intent has been updated to include eNOIs, and precipitation data has been updated to more accurate calculations, to name a few.
8. A training seminar for Planning Board Members and any other interested parties will be held to inform them of the updates of the new permit and answer any questions regarding the updated Stormwater Management Design Manual that came out in January 2015.
9. Drainage District discussions are continuing to manage the maintenance, implications and procedures of post construction facilities as well as how to determine the cost analysis of the new practices.

Once again I would like to thank you, the Town Board and all the Department Heads and committee members for your support. It is truly a team effort.



**MS4 Annual Report Cover Page**

MCC form for period ending March 9, 2015

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

SPDES ID  
N Y R 2 0 A





**MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9, 2015

Name of MS4

SPDES ID

**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

Title

Address

City  State  Zip  -

eMail

Phone  County













**MS4 Annual Report Form**

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

2	0	1	5
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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

Town of Lloyd

SPDES ID

N	Y	R	2	0	A	1	1	9
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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.**

Low cost ways to get the most effect on our outreach programs.  
Focus on assisting other MS4's make the most of the Stormwater Management Program.  
Educating children on Stormwater Management and Good Housekeeping Procedures so that it becomes a natural part of their lives.

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

Handouts were distributed through the Water/Sewer bills again this year and 1619 residents were educated on watersheds and pollution prevention.

1st Graders visited Town Hall in May 2013 and among other things, were taught about stormwater pollution prevention and given coloring books, Discover the Hudson River, to help them begin the

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

			3
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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 to partner with other MS4s to expand and support a watershed outlook to the Stormwater Pollution Program - when opportunity allows.

Another flyer, not yet determined will be included in this year's Water and Sewer bills.

Shari Riley will be discussing Community jobs and how to be in Stormwater Management with the



### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2015

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

Name of MS4/Coalition

SPDES ID  
N Y R 2 0 A 1 1 9

2. URL(s) con't.:

Please provide specific address(es) where notice(s) 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, 2015

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

Name of MS4/Coalition

SPDES ID  

N	Y	R	2	0	A	1	1	9
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### 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

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City

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Phone

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Library  Annual Report  SWMP Plan  Comments

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City

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Other  Annual Report  SWMP Plan  Comments

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City

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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

Town of Lloyd

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.

0	5	/	0	6	/	2	0	1	5
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**4.b. For how many days was/will this report be posted?**

3	6	5
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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?

0	5	/	0	7	/	2	0	1	4
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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, 

2	0	1	5
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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 

Town of Lloyd
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SPDES ID  

N	Y	R	2	0	A	1	1	9
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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.**

To involve committee members and community children in our Stormwater Management Program.

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

The number of participants in the Town of Lloyd Clean Sweep continues to grow.  
Programs that were put in place to manage trash, recycling and household hazardous waste are continuing each year like Free Transfer Days, Clean Sweep and Black Creek Clean up day, as well as a pharmaceutical collective site at the Police Department.

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

			8
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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).**

Kevin Rizzo invited me to speak with his 8th grade class on water quality before this school year is complete.  
1st graders will be visiting Town Hall again this year - May 2015  
A training seminar will be held for the Planning Board Members and any other interested parties to







**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

Town of Lloyd

SPDES ID

N	Y	R	2	0	A	1	1	9
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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.**

IDDE program was increased to include a 5 year plan to inspect all catch basins within the MS4 area.

IDDE program to be clear and concise for the community and all MS4 staff.

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

Highway Superintendent and Department office staff trained to coordinate catch basin identifiers and documentation developed for reporting data to the Stormwater Officer.

IDDE program within the Building Department is effective. Complaint and compliance procedures are in place. Documentation is easily accessible.

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

		1	1
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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).**

Outfall dry weather screening will be conducted as per our 5 year plan.

An Illicit Discharge Detection and Elimination process will be outlined on our new website with contact information and phone number. This will include - What to look for and who to call.

**MS4 Annual Report Form**

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

2	0	1	5
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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 

Town of Lloyd
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SPDES ID  

N	Y	R	2	0	A	1	1	9
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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? 

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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? 

		2
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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? 

		3
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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:**

- Notices of Violation # 

					0
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 No Authority
- Stop Work Orders # 

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 No Authority
- Criminal Actions # 

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 No Authority
- Termination of Contracts # 

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 No Authority
- Administrative Fines # 

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 No Authority
- Civil Penalties # 

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 No Authority
- Administrative Orders # 

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 No Authority
- Enforcement Actions or Sanctions # 

					0
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- Other # 

					4
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 No Authority

**MS4 Annual Report Form**

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

2	0	1	5
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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 

Town of Lloyd
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SPDES ID  

N	Y	R	2	0	A	1	1	9
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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? 

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

		6
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2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period? 

		2
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3. What percent of active construction sites were inspected during this reporting period?  NT 

1	0	0
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 %

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

1	0	0
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 %

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, 

2	0	1	5
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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

Town of Lloyd

SPDES ID

N	Y	R	2	0	A	1	1	9
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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.**

100 % Building Permit Applications to be reviewed for sediment and erosion control measures as well as SWPPP Acceptance for projects of one acre or more disturbance.

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

Morris Associates is using a standardized SWPPP check list as well as comparison of the submitted documentation to the Town Code, SPDES Permit and relevant design standards (Stormwater Management Design Manual & Standards and Specifications for Erosion and Sediment Control.)

Weekly inspection reports from qualified inspectors on jobs are e-mailed to Stormwater Officer and

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

		7	8
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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).**

Sediment and Erosion Control Plan Review Checklist is used to simplify and unify review process between consultants and staff

Standardized forms and coordination with consultants so documentation is readily available and easily read and interpreted by Code Enforcement Officers. - ongoing



**MS4 Annual Report Form**

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

2	0	1	5
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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

Town of Lloyd

SPDES ID

N	Y	R	2	0	A	1	1	9
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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?

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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?

1	0	0
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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

Town of Lloyd

SPDES ID

N	Y	R	2	0	A	1	1	9
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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.**

Identify and evaluate maintenance issues regarding post construction Stormwater Management.

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

The Water/Sewer/Drainage Committee was re-established to facilitate communication between Departments. Monthly meetings are held. Drainage District discussions have begun to identify procedure and cost of the Highway Department maintaining the drainage areas not on Town land.

Drainage Committee requested that a list be compiled of all the stormwater maintenance facilities

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

		5	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).**

Drainage District discussions will continue to manage the maintenance of post construction facilities. Costs will be determined on the facilities already in place and recommendations will be made to the Town Board based on the findings of the Drainage Committee.

Using Mountainside Woods Drainage District as a sample we can assess the pros and cons of the

**MS4 Annual Report Form**

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

2	0	1	5
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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

Town of Lloyd

SPDES ID

N	Y	R	2	0	A	1	1	9
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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.**

Good Housekeeping and Pollution Prevention Plans for all Municipal Departments are in place and yearly training is conducted.  
 Catch Basin identification plan in place.  
 Data collection procedures need to be determined and implemented to track sources of pollutants potentially generated and evaluate the effectiveness of existing program

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

The Water/Sewer/Drainage Committee was re-established to facilitate communication between Departments. Monthly meetings are held.  
 Good Housekeeping and Pollution Prevention Plans for Water and Sewer Department, Police and Fire Department, Buildings and Grounds, Transfer Station, and the Recreational Department was created and distributed to Department Heads or Administration of Department. Training was

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

		1	8
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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).**

Catch Basins and outfalls were identified and maintained as per our schedule. Outfalls were recounted and a more accurate number is now on record. Mapping is being updated as well.

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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 coalition

How many MS4s contributed to this report? 

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

MS4 Description	Answer	Check NA	(POC)
<b>NYC EOH Watershed</b>	-	-	-
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
<b>Onondaga Lake Watershed</b>	-	-	-
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
<b>Greenwood Lake Watershed</b>	-	-	-
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
<b>Oyster Bay</b>	-	-	-
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
<b>Peconic Estuary</b>	-	-	-
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
<b>Oscawana Lake Watershed</b>	-	-	-
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
<b>LI 27 Embayments</b>	-	-	-
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. 

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 %

Estimate what percentage was mapped in this reporting period. 

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 %

### MS4 Annual Report Form

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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? 

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 %

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? 

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

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 %

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

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 %

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

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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

## **MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9, 2015**

### **MCM 1B.**

Handouts were distributed through the Water/Sewer bills again this year and 1619 residents were educated on watersheds and pollution prevention.

1st Graders visited Town Hall in May 2014 and among other things, were taught about stormwater pollution prevention and given coloring books, Discover the Hudson River, to help them begin the process of learning that they are part of a Watershed and they can make a difference in keeping the Hudson River clean and fun

Shari Riley was part of an expert panel at the Green Infrastructure for Stormwater Management Educational Workshop at SUNY New Paltz on Dec. 8, 2014. Topics covered were water quality goals and trends, a brief overview of the regulations requiring local stormwater programs in municipalities designated as MS4s. It was aimed at municipal staff, planners, engineers, interested citizens and others involved in protecting water quality and managing stormwater.

### **MCM 1F**

Continue to partner with other MS4s to expand and support a watershed outlook to the Stormwater Pollution Program - when opportunity allows.

Another flyer, not yet determined will be included in this year's Water and Sewer bills.

Shari Riley will be discussing Community, jobs and her role in Stormwater Management with the 2nd grade during a Junior Achievement Assembly - April 2015

### **MCM 2F**

Kevin Rizzo invited me to speak with his 8th grade class on water quality before this school year is complete.

1st graders will be visiting Town Hall again this year - May 2015

A training seminar will be held for the Planning Board Members and any other interested parties to inform them of the updates of the new permit and answer any questions regarding the updated Stormwater Management Design Manual that came out in January 2015.

#### **MCM 4B**

Morris Associates is using a standardized SWPPP check list as well as comparison of the submitted documentation to the Town Code, SPDES Permit and relevant design standards (Stormwater Management Design Manual & Standards and Specifications for Erosion and Sediment Control.)

Weekly inspection reports from qualified inspectors on jobs are e-mailed to Stormwater Officer and Town Engineer to be reviewed each week.

#### **MCM5B**

The Water/Sewer/Drainage Committee was re-established to facilitate communication between Departments. Monthly meetings are held. Drainage District discussions have begun to identify procedure and cost of the Highway Department maintaining the drainage areas not on Town land.

Drainage Committee requested that a list be compiled of all the stormwater maintenance facilities that the Town would have to maintain if we create a new Drainage District town wide to begin to evaluate the costs.

Mountainside Woods Drainage District was formed.

#### **MCM 5F**

Drainage District discussions will continue to manage the maintenance of post construction facilities. Costs will be determined on the facilities already in place and recommendations will be made to the Town Board based on the findings of the Drainage Committee.

Using Mountainside Woods Drainage District as a sample we can assess the pros and cons of the current stormwater post-construction maintenance procedures with those of using the Drainage District model.

#### **MCM 6B**

The Water/Sewer/Drainage Committee was re-established to facilitate communication between Departments. Monthly meetings are held.

Good Housekeeping and Pollution Prevention Plans for Water and Sewer Department, Police and Fire Department, Buildings and Grounds, Transfer Station, and the Recreational Department was created and distributed to Department Heads or Administration of Department. Training was conducted.