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# STORMWATER MANAGEMENT PROGRAM

## MS4 ANNUAL REPORT FOR 2015-2016

**SPDES #NYR20A206**

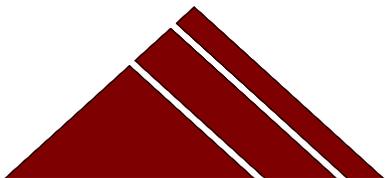
**FOR**

***VILLAGE OF LIVERPOOL***  
**ONONDAGA COUNTY, NEW YORK**

May 2016



DUNN & SGROMO ENGINEERS, PLLC  
5800 Heritage Landing Drive  
East Syracuse, New York 13057  
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Email: [info@dunnandsgromo.com](mailto:info@dunnandsgromo.com)



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Summary of

*Village of Liverpool*

GP-0-15-002 Compliance Measures  
For  
2015-2016 Reporting Year

May 16, 2016

**Minimum Control Measure 1: Public Education and Outreach**

- The Village continues to contract with CNYRPDB to provide stormwater trainings, mailings, articles, and commercials.

**Minimum Control Measure 2: Public Involvement/Participation**

- The Annual Report and SWMP are on file with the Village Clerk and available for public review and comment.
- The 2015-2016 Report will be presented to the public at the Village Board meeting on May 16, 2016.
- The Village installed 1,500 square feet of vegetative plantings.
- The Village supported and promoted the annual volunteer spring clean-up.
- No stormwater related comments were received by the Village during the reporting year.

**Minimum Control Measure 3: Illicit Discharge Detection and Elimination**

- The Village continued a debris management program.
- The Village maintains an agreement with Onondaga County to inspect outfalls. Two outfalls were inspected this reporting period. No illicit discharges were detected.
- The Village maintained a stormwater hotline for reporting illicit discharges and has a local stormwater contact to investigate any calls received.

**Minimum Control Measure 4: Construction Site Stormwater Runoff Control**

- There were no construction projects requiring inspections in the Village during the reporting year requiring GP-0-15-002 permit coverage.

**Minimum Control Measure 5: Post-Construction Stormwater Management**

- There were no projects undertaken, or proposed in the Village during the reporting year requiring GP-0-15-002 permit coverage, and therefore no post-construction management practices were reviewed, installed, or inspected.
- Watershed treatment models have been developed for the Village, forming the basis for comparisons of future phosphorous loading. No new development has occurred in the Village since the latest version of the model in 2011.

**Minimum Control Measure 6: Pollution Prevention/Good Housekeeping for Municipal Operations**

- The Village Department of Public Works:
  - Swept 60 miles of streets.
  - Cleaned 40 and inspected 40 catch basins. Inspected 3.0 miles of storm sewer piping and 2.0 miles of sanitary sewer piping.
  - Recycled 100 gallons of oil.
  - Collected and composted approximately 2,000 yards of yard waste.



**MS4 Annual Report Cover Page**

MCC form for period ending March 9, 2016

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, 2016

Name of MS4 VILLAGE OF LIVERPOOL

SPDES ID  
N Y R 2 0 A 2 0 6

**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  
C N Y S t o r m w a t e r C o a l i t i o n

Partner/Coalition Name (con't.) SPDES Partner ID - If applicable  
N Y R 2 0

Address  
1 2 6 N . S a l i n a S t r e e t S u i t e 2 0 0

City State Zip  
S y r a c u s e N Y 1 3 2 0 2 - 1 0 6 5

eMail  
B e r t u c h @ c n y r p d b . o r g

Phone Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.?  Yes  No  
( 3 1 5 ) 4 2 2 - 8 2 7 6

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

- MM1 M u l t i p l e T a s k s
- MM2
- MM3
- MM4
- MM5
- MM6

Additional tasks/responsibilities

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

Public education program includes an enhanced focus on the sources, impacts, and strategies for addressing phosphorus in the Onondaga Lake watershed and pathogens in the Lower Seneca River

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

MCC form for period ending March 9, 2 0 1 6

Name of MS4

SPDES ID

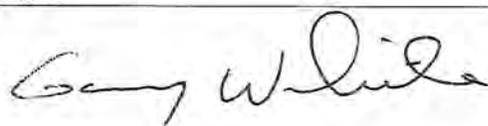
**Section 4 - Certification Statement**

"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  MI  Last Name

Title (Clearly print title of individual signing report)

Signature  


Date

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,**

2	0	1	6
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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 

CNY Stormwater Coalition
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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? 

2	3
---	---

**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  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  

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2	0	1	6
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CNY Stormwater Coalition
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SPDES ID  

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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? 

2	9
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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

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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

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Other

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Name of MS4/Coalition 

CNY Stormwater Coalition
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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**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
- Direct Mailings
- Kiosks or Other Displays
- List-Serves
- Mailing List
- Newspaper Ads or Articles
- Public Events/Presentations
- School Program
- TV Spot/Program
- Printed Materials:

# Trained				
# Mailings				1
# Locations			3	1
# In List		7	5	2
# In List		5	2	3
# Days Run				2
# Attendees	8	3	5	9
# Attendees			8	1
# Days Run				
<b>Total # Distributed</b>	1	9	0	0

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

m	u	n	i	c	i	p	a	l	o	f	f	i	c	e	s			
e	v	e	n	t	b	o	o	t	h	s								
S	W	C	D	o	f	f	i	c	e	s								
a	n	i	m	a	l	s	h	e	l	t	e	r	s	/	v	e	t	s

**Other:**

S	t	o	r	m	w	a	t	e	r	d	e	s	i	g	n		
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- Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

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**MS4 Annual Report Form**

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Name of MS4/Coalition

SPDES ID

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

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Name of MS4/Coalition

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Name of MS4/Coalition

SPDES ID

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Name of MS4/Coalition 

CNY Stormwater Coalition
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SPDES ID

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**4. Evaluating Progress Toward Measurable Goals MCM 1**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (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.**

Maintain a regional stormwater website and information library for reference and use by regulated MS4s and the general public in the Syracuse Urban Area.

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

The stormwater website is successfully functioning as a municipal and public education tool based on the 4,880 recorded "hits" during the permit year. This represents a 33% increase in usage over the previous year.

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

			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).**

Website content will be continuously updated as new information becomes available or is no longer relevant. Content and usability will be improved through access changes. The website will be promoted as an educational tool for the general public and stormwater professionals in both the private and public sectors.

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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.**

Syracuse Post Standard Stormwater Pullout: Develop a 4-page pullout to be distributed in the main section of the daily Syracuse Post Standard newspaper that focuses on stormwater processes, impacts, issues of concern, primary pollutants of concern, and citizen generated solutions.

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

The pullout was published on April 21, 2015. As reported by the Post Standard, print editions (point of sale and subscriptions) of the pull out reached approximately 200,000 readers in CNY, or 49% of the Syracuse market. Additional on-line readership was not provided.

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

			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).**

A similar "advertisement" will be published in a Syracuse newspaper in April 2016. Recent findings of a regional public education and outreach survey indicate the hard copy insert is utilized by the general public and warrants the cost. The publication will be distributed in PDF format for inclusion on municipal websites or reprint for hard copy distribution at municipal buildings and public events.

**MS4 Annual Report Form**

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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.**

A seasonally themed, electronic newsletter will be developed and distributed to interested individuals. The newsletter will maintain a focus on primary pollutants of concern, stormwater processes, and will offer advice on reducing negative water quality impacts through simple actions. The newsletter will encourage participation in locally sponsored events that support stormwater management and protection efforts.

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

Due to space constrictions, please refer to the following page for this summarization.

**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).**

Gardens and Gutters will continue to be distributed electronically in 2016. Additional efforts will be made to grow the distribution list. The newsletter will also be posted on the CNY stormwater website and made available in PDF format for inclusion on municipal websites, or for reprint and hard copy distribution. The newsletter will be promoted through various social media process currently being developed.

## MS4 Annual Report Form

*Because of space constraints, below find the answer to the following item:*

### **4. Evaluating Progress Toward Measurable Goals MCM 1**

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

Gardens and Gutters was electronically distributed on 5/12/15, 8/25/15, 10/23/15, and 11/30/15. A distribution database averaging 123 individuals is continually updated to reflect new subscribers and current contacts. The newsletter is promoted at public events, on-line, and through direct contact and promotion with existing organizations and groups with a complimentary focus. The standard template continues to receive positive feedback on length and use of graphics. "Gardens and Gutters" consistently generates the most additional requests for information on various topics following the distribution of each edition. Several watershed groups outside of the SUA continue to distribute the publication to their members.

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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.**

Due to space constrictions, please refer to the following page for this summarization.

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

Due to space constrictions, please refer to the following page for this summarization.

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

			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).**

Content will be updated and efforts to develop an electronic distribution list and to enlist various forms of social media will pursued in conjunction with outreach to the CNY Home Builders Association on in advance of the Spring 2016 newsletter. The newsletter will also be published on the CNY Stormwater website and MS4s will also receive a PDF newsletter for posting on individual municipal websites.

## **MS4 Annual Report Form**

*Because of space constraints, below find the answer to the following item:*

### **4. Evaluating Progress Toward Measurable Goals MCM 1**

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

Electronic Outreach to CNY Contractors & Developers: Provide direct information on topics of interest to construction developers with a focus on current construction permit requirements and an additional considerations for doing business in MS4 communities. Information will be presented in a newsletter format and posted as a PDF on the stormwater website. The newsletter will be promoted via a bulk postcard mailing with additional assistance form the CNY Home Builders and Remodelers of CNY. PDFs will be available for distribution at municipal buildings and websites.

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

197 postcards were sent to individual contractors notifying them that the newsletter was available on the CNY Stormwater website. PDFs were distributed to the Coalition members for distribution and/or use on municipal websites. The CNY Homebuilders and Remodelers Association assisted in distributing and promoting the newsletter directly to its membership. Anecdotal feedback from local contractors and a higher than anticipated number of returned post-card announcements indicate this type of outreach is not as effective as it was previously. Additional hard copies were distributed through the CNY Professional Stormwater Training Series and by County SWCD offices with positive feedback.

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Name of MS4/Coalition

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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.**

Secure exhibitor booth space and two public events, and develop appropriate informational displays and handout materials. Efforts will be made to identify public events with reliably high attendance and complimentary objectives. Appropriately targeted materials and a stormwater display will be maintained and available for use at municipal events.

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

Due to space constrictions, please refer to the following page for this summarization.

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

			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 CNY Stormwater Coalition Booth will be set up and staffed at 2 public events in 2016: locations will be finalized with the intent of broadening the target audience. Materials will be updated and replaced as needed to stay current and relevant to SUA requirements.

## **MS4 Annual Report Form**

*Because of space constraints, below find the answer to the following item:*

### **4. Evaluating Progress Toward Measurable Goals MCM 1**

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

Exhibitor activities included the Onondaga County Water Environment Protection Clean Water Fair on 9/12/15 (actual attendance 350), and the Westcott Street Cultural Fair on 9/20/15 (annual attendance estimated at 8,000). Approximately 1,352 informational handouts were distributed (lawn and garden care, NYS Dishwasher and Runoff Law, pet waste issues and responsibilities, green infrastructure, miscellaneous bookmarks, swimming pool maintenance, resources contact sheets, activity and coloring sheets and newsletters for school aged children, etc.). An interactive watershed model was purchased for use at public events which drew a significantly larger number of children and interested adults to the booth than in previous years.

**MS4 Annual Report Form**

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

2	0	1	6
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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 

CNY Stormwater Coalition
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SPDES ID

N	Y	R	2	0				
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**4. Evaluating Progress Toward Measurable Goals MCM 1**

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

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

CNY RPDB will conduct two training workshops for municipal representatives on topics that will address current training and informational needs and improve compliance with with 2015 MS4 and construction permits. Potential topics were identified as Pollution Prevention, IDDE and MS4 record keeping and reporting.

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

Due to space constrictions, please refer to the following page for this summarization.

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

			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 SWMP?**

Yes  No

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

Due to space constrictions, please refer to the following page for this summarization.

## **MS4 Annual Report Form**

*Because of space constraints, below find the answer to the following item:*

### **4. Evaluating Progress Toward Measurable Goals MCM 1**

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

Sansone/Monroe Cty. Dept. of Environmental Services conducted an IDDE and Pollution Prevention workshop on 10/15/15 at the NYS Fairgrounds for 41 attendees. The workshop focused on how, why and the benefits of conducting a comprehensive IDDE program, common issues and concerns, SWMP documentation and DEC/EPA audits. Onondaga SWCD conducted a 4-hr. DEC endorsed E&S workshop for 34 SUA MS4 code enforcement officers on 4/16/15 at Salina Town Hall. Both workshops generated good feedback and several requests for additional information. The workshop presentation and handout materials were also available as resources on the stormwater website.

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

At least two training workshops will be conducted for MS4 officials/staff in 2016. Specific topics and audiences will be determined based on feedback from MS4s, NYS DEC Region 7 and changes to the stormwater permit requirements. Workshop schedules will be determined in accordance with normal "press" times of the target audiences. It is believed this will allow the workshops to be more responsive to perceived training needs and therefore, more relevant to more municipal representatives. Preliminary plans are being formulated in partnership with Onondaga Cty SWCD, NYS DOT and the Village of Manlius for a fall winter road materials maintenance & equipment calibration workshop.

**MS4 Annual Report Form**

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

2	0	1	6
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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

SPDES ID

N	Y	R	2	0				
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**4. Evaluating Progress Toward Measurable Goals MCM 1**

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

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

CNY RPDB will conduct a survey to assess changes in public response to public education and outreach conducted since 2010 in order to evaluate the effectiveness of ongoing regional education and outreach efforts and to identify areas in need of greater attention.

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

Due to space constrictions, please refer to the following page for this summarization.

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

			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 SWMP?**

Yes  No

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

CNY RPDB will incorporate recommendations made in the final survey analysis report to continue and improve the positive impact of the current education program. New messages will be developed in response to specific areas where progress is lagging. The survey will be repeated in 5 years and additional modifications will be made to the public education program.

## **MS4 Annual Report Form**

*Because of space constraints, below find the answer to the following item:*

### **4. Evaluating Progress Toward Measurable Goals MCM 1**

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

The public survey was conducted electronically between 10/15/13 and 12/31/15. Comparative analysis of results between 2007, 2010 and 2015 indicate the ongoing stormwater education program is achieving positive behavioral changes among the general public and that there is a growing awareness of phosphorus and stormwater related issues in the SUA. The program can be strengthened by intensifying pet waste management messages, identifying new electronic outlets incorporating social media; continuing to emphasize stormwater pathways and the economic benefits of not utilizing supplemental phosphorus fertilizer on residential lawns.







### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

### 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  
3 1 0 S y c a m o r e S t r e e t

City  
L i v e r p o o l

Zip  
N Y 1 3 0 8 8 -

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

Library  Annual Report  SWMP Plan  Comments

Address  
3 1 0 T u l i p S t r e e t

City  
L i v e r p o o l

Zip  
N Y 1 3 0 8 8 -

Phone  
( 3 1 5 ) 4 5 7 - 7 8 6 7

Other  Annual Report  SWMP Plan  Comments

Address

City

Zip

Phone  
( ) -

Web Page URL:  Annual Report  SWMP Plan  Comments

h t t p : / / w w w . v i l l a g e o f l i v e r p o o l . o  
r g

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

eMail  Comments

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL

SPDES ID

N	Y	R	2	0	A	2	0	6
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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	9	/	2	0	1	6
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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	/	1	6	/	2	0	1	6
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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	6
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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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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 to provide opportunities for public involvement in stormwater management through available literature, a stormwater public contact and advertisement for review of the Annual Report, as well as attendance at Planning Board meetings during project review.

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

- The Village has maintained the stormwater hotline and the webpage with Onondaga County (<http://www.cnyrpd.org/stormwater/public/stewardship.asp>). Involvement in Earth Day cleanup, providing drop off location for materials.  
 - DEC model shows no increase in pollutant loading at discharge to Onondaga Lake.

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

			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).**

- Continue to encourage public involvement through local advertising (i.e. televised ads for Earth Day).  
 - Work with contractors as projects go to construction to educate them about stormwater protection.  
 - Assess POC's through modeling as development warrants.







**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Outfalls inspected through agreement with Onondaga County.

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

- Two outfalls were inspected. No illicit discharges were found.

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

			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).**

- Continued agreement with Onondaga County to inspect Village outfalls.

**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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Complete system mapping including piping sizes and materials. This work is still in progress and a grant for completion of mapping has been identified.

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

- All catch basins within the Village have been mapped in GIS (total of 227).

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

			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).**

- The Village will investigate further funding opportunities to incorporate piping sizes and material into the system mapping.

**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

SPDES ID  

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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.**

- Inform and educate businesses and the general public through distribution of educational materials regarding illicit discharges.

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

- One training session was attended by two Village employees (10/15/15). The CNYRPDB provides information to the public on behalf of the Village - see MCM 1.  
 - A study will be started this year to investigate cross connections.

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

			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).**

- Key personnel will receive additional training during the next reporting year as it becomes available. The educational materials continue to be available through the CNYRPDB and at the Village Hall.

**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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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.**

- Maintain stormwater hotline for reporting illicit discharges.

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

- Onondaga County currently provides a stormwater hotline that is running 7 days per week. 24 hours a day. No calls were received during the reporting period.

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

			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).**

- The County will continue to operate the stormwater hotline on behalf of the Village during the next reporting period.

- The local stormwater public contact will also investigate any calls received.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Continue debris management program to pick up yard waste to remove materials that could potentially contribute pollutants to stormwater runoff.

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

- Approximately 1,200 yards of leaves and grass clippings were picked up and properly disposed of during the months of April thru October 2015.

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

			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).**

- Continue debris collection and disposal program.  
- Encourage residential composting through available literature and pamphlets.

**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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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? 

		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:**

- Notices of Violation # 

					0
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 No Authority
- Stop Work Orders # 

					0
--	--	--	--	--	---

 No Authority
- Criminal Actions # 

					0
--	--	--	--	--	---

 No Authority
- Termination of Contracts # 

					0
--	--	--	--	--	---

 No Authority
- Administrative Fines # 

					0
--	--	--	--	--	---

 No Authority
- Civil Penalties # 

					0
--	--	--	--	--	---

 No Authority
- Administrative Orders # 

					0
--	--	--	--	--	---

 No Authority
- Enforcement Actions or Sanctions # 

					0
--	--	--	--	--	---

 No Authority
- Other # 

					0
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 No Authority

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2016

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	2	0	6
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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?

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

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, 

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Continue to enforce local law which establishes Village's erosion and sediment control program (requires SWPPPs for all projects disturbing one acre or more, municipal SWPPP review, maintenance and construction inspection, enforcement penalties, etc). Require phosphorous reduction on all commercial construction projects through water quality BMPs.

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

- No SWPPPs were submitted or reviewed during this reporting period.  
- There were no active construction sites during this reporting period.

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

			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).**

- Should any projects be developed within the Village meeting the criteria for the construction site inventory within the next reporting period, these projects will be added to the inventory.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL

SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Maintain inventory of construction sites (active as well as completed).

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

- The Village currently does not have any active (or completed) construction sites for permits issued after 2003.

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

			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).**

- Should any projects be developed within the Village meeting the criteria for the inventory within the next reporting period, these projects will be added to the inventory.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Conduct contractor training during pre-construction meetings to ensure contractor's understanding of site specific SWPPP as well as general erosion and sediment control/water quality regulations. Contractor certification statements in the SWPPP are also signed during these meetings and contractors are required to show proof of DEC 4-hour training.

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

- No training sessions held due to lack of projects. All projects requiring SWPPP coverage will include training.

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

			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).**

- Prior to commencement of construction, pre-construction meetings will be held for all projects disturbing one acre or more.

**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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Continue municipal employee training in construction inspection, erosion and sediment control, and water quality criteria.

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

- Two employees attended a Stormwater Management Training Class:  
Erosion & Sediment Control (4/16/15)

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

			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).**

- Employees will continue to be trained as key training sessions are offered.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Maintain construction site-stormwater management library which contains the design manual, Blue Book, EPA/DEC fact sheets and brochures, SPDES General Permit for Stormwater Discharges From Construction Activities (latest version), and other related information. These materials are to be used during pre-construction meetings to reinforce regulations, as well as for providing stormwater information to the general public.

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

- The Village Clerk maintains the library. During the reporting year, no materials have been viewed.

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

			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).**

- The Village will continue to maintain and update the library.

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2016

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 2 0 6

**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" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input type="radio"/> Filter Systems	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input type="radio"/> Infiltration Basins	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input type="radio"/> Open Channels	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input checked="" type="radio"/> Ponds	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value="3"/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input type="radio"/> Wetlands	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input type="radio"/> Other	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>

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

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
- Municipal Comprehensive Plans
- Open Space Preservation Program
- Local Law or Ordinance
- Land Use Regulation/Zoning
- Other Comprehensive Plan

Other:

C o m m u n i t y   D e s i g n   H a n d b o o k

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

Yes  No

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

Yes  No

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

Yes  No

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

		0
--	--	---

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

		0
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 %

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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.**

- Enforce local law which establishes the Village's post-construction stormwater management program (requires runoff control from new developments and redevelopment projects in accordance with State standards, SWPPP review procedures incorporating water quality impact considerations and use of low impact development/better site design/green infrastructure practices, long-term maintenance/inspection procedures, enforcement program, etc.).

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

- No SWPPPs were submitted for review during this reporting period.

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

			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).**

- SWPPP reviews will focus on ensuring compliance with the most current design manual. Consideration will also be given to LID, BSD, and GI at the site level.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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 (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

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

- Ensure appropriate municipal staff are trained in post-construction inspection/maintenance procedures. Continue inspections of three detention facilities in the Village.

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

- Two Village employees have attended Stormwater Management Training Classes.

**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 SWMP?**

Yes  No

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

- Training for appropriate personnel will continue as training classes are presented.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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.**

- Maintain inventory of post-construction stormwater management practices within the Village that have been installed since March 10, 2003.

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

- The Village currently does not have any post-construction stormwater management practices.  
- Three privately maintained detention facilities are inspected by the Village.

**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).**

- Maintain post-construction stormwater practices inventory should any be installed within the Village. None have been installed since 2003.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID  

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

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

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

How many MS4s contributed to this report? 

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

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

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL

SPDES ID

N	Y	R	2	0	A	2	0	6
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**2. Provide the following information about municipal operations good housekeeping programs:**

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

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

			6	0
--	--	--	---	---
- Catch Basins Inspected and Cleaned Where Necessary # 

			4	0
--	--	--	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 

				3
--	--	--	--	---
- Phosphorus Applied In Chemical Fertilizer # Lbs. 

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

--	--	--	--	--
- 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?**

				0
--	--	--	--	---

**4. What was the date of the last training?**

		/			/				
--	--	---	--	--	---	--	--	--	--

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

		0
--	--	---

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

1	0	0	%
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**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Ensure appropriate municipal employees are trained in pollution prevention and good housekeeping practices.

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

- No workshops were attended during this reporting period. Highway Department employees continue to practice good housekeeping.

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

			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).**

- The Village will continue to attend pollution prevention/good housekeeping training as offered.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID  

N	Y	R	2	0	A	2	0	6
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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.**

- Maintain Village storm sewer system through regular catch basin, pipe, ditch, end section, etc., cleaning and repair. Approximately 3.0 miles of storm sewers were inspected.

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

- During this reporting period, 40 catch basins were inspected with approximately 15 yards of material removed and properly disposed of by the Village.

**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 continues regular scheduled maintenance of the Village's storm sewer system.  
- A sanitary sewer slip-lining project is being scheduled for this year to reduce infiltration/inflow into the sanitary sewer system in a continuing effort to improve WWTP discharge quality.

**MS4 Annual Report Form**

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

2	0	1	6
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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 LIVERPOOL
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SPDES ID

N	Y	R	2	0	A	2	0	6
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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.**

- Conduct regular street sweeping of all Village streets.

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

- 60 miles of streets were swept 4 times during this reporting period with approximately 40 yards of material removed and properly disposed of.

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

			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).**

- The Village will continue maintain street sweeping schedule.

### MS4 Annual Report Form

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

2	0	1	6
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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 LIVERPOOL

SPDES ID

N	Y	R	2	0	A	2	0	6
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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.

	5	5	%
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Estimate what percentage was mapped in this reporting period.

		3	%
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### MS4 Annual Report Form

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

2	0	1	6
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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 LIVERPOOL

SPDES ID

N	Y	R	2	0	A	2	0	6
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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? 

		0
--	--	---

 %

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? 

		0
--	--	---

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

		0
--	--	---

 %

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

		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	6
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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 LIVERPOOL

SPDES ID

N	Y	R	2	0	A	2	0	6
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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