
STORMWATER MANAGEMENT PROGRAM

MS4 ANNUAL REPORT FOR 2019-2020

SPDES #NYR20A206

FOR

VILLAGE OF LIVERPOOL
ONONDAGA COUNTY, NEW YORK

August 2020



DUNN & SGROMO ENGINEERS, PLLC
5800 Heritage Landing Drive
East Syracuse, New York 13057
Telephone: (315) 449-4940
Facsimile: (315) 449-4941
Email: info@dunnandsgromo.com

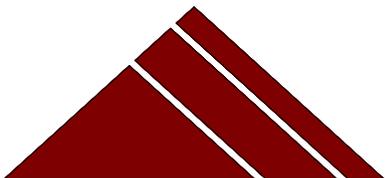


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Summary

Cover Pages

MCC Forms

Annual Report

Summary of
Village of Liverpool
GP-0-15-002 Compliance Measures
For
2019-2020 Reporting Year
August 6, 2020

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 2019-2020 Report will be placed on the Village website for review by the public.
- The Village installed 3 new trees.
- The Village will continue to provide educational material to the public.
- The Village continues to support and promote the annual volunteer spring clean-up, and will continue to look for opportunities for additional public outreach.
- 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, including yard waste pick-up and catch basin cleaning.
- The Village maintains an agreement with Onondaga County to inspect outfalls. No outfalls were inspected by the County in this reporting period. However, the Village did inspect 4 outfalls, no illicit discharges or dry weather flows were observed.
- The Village maintained a stormwater hotline for reporting illicit discharges and has a local stormwater contact to investigate any calls received. No illicit discharge were reported from the hotline, there was one illicit discharge (gas leak-car fire) that was addressed during this reporting period.
- The Village has recently inspected all the outfall, at which time several additional outfalls were discovered due to this, the outfall mapping will be updated in 2020-2021.

- The Village also plans to update the sewer shed mapping during the 2020-2021 reporting period.

Minimum Control Measure 4: Construction Site Stormwater Runoff Control

- One construction project requiring GP-0-15-002 coverage was approved by the Village during the reporting year. This project is currently under construction and weekly inspections are being performed. Documents are on file in the Village.
- The Village will continue to provide training, enforce local stormwater laws, update the law when required, and maintain the stormwater management library.

Minimum Control Measure 5: Post-Construction Stormwater Management

- There is currently one project under construction in the Village. This project will have a stormwater management facilities which will be privately owned and maintained through a Maintenance Agreement with the Village. This facility will be added to the Village inventory once it is completed.
- Watershed treatment models have been developed for the Village, forming the basis for comparisons of future phosphorous loading. One new development is currently under construction and will have a stormwater facility which addresses phosphorous loading.

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

- The Village Department of Public Works:
 - Swept 15 miles of streets, 3 times.
 - Cleaned 25 and inspected 25 catch basins
 - Recycled 100 gallons of oil.
 - Collected and composted approximately 800 yards of yard waste.
 - Inspected 7.0 miles of storm sewers and 2.0 miles of sanitary sewers.
 - Cleaned and maintained approximately 4 miles of ditches.

MS4 Annual Report Cover Page

MCC form for period ending March 9,

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This cover page must be completed by the report preparer.
Joint reports require only one cover page.

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Choose one:

This report is being submitted on behalf of an individual MS4.

Fill in SPDES ID in upper right hand corner.

Name of MS4

V I L L A G E O F L I V E R P O O L

OR

This report is being submitted on behalf of a Single Entity

(Per Part II.E of GP-0-10-002)

Name of Single Entity

OR

This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

Name of Coalition

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MS4 Annual Report Cover Page

MCC form for period ending March 9,

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2020

Name of MS4

SPDES ID
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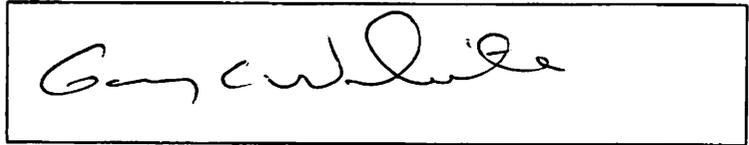
Section 4 - Certification Statement

"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
08/17/2020

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,

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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

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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?

	3	0
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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

MS4 Annual Report Form

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

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Name of MS4/Coalition

CNY Stormwater Coalition

SPDES ID

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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:

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|---|---------------------|--|---|---|---|---|---|
| <input checked="" type="checkbox"/> Construction Site Operators Trained | # Trained | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>3</td><td>8</td><td>4</td></tr></table> | | | 3 | 8 | 4 |
| | | 3 | 8 | 4 | | | |
| <input checked="" type="checkbox"/> Direct Mailings | # Mailings | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td></td><td></td><td>3</td></tr></table> | | | | | 3 |
| | | | | 3 | | | |
| <input checked="" type="checkbox"/> Kiosks or Other Displays | # Locations | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>3</td><td>5</td><td></td></tr></table> | | | 3 | 5 | |
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| <input checked="" type="checkbox"/> List-Serves | # In List | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>7</td><td>5</td><td>0</td></tr></table> | | | 7 | 5 | 0 |
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| <input checked="" type="checkbox"/> Mailing List | # In List | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>6</td><td>8</td><td>6</td></tr></table> | | | 6 | 8 | 6 |
| | | 6 | 8 | 6 | | | |
| <input checked="" type="checkbox"/> Newspaper Ads or Articles | # Days Run | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td></td><td></td><td>1</td></tr></table> | | | | | 1 |
| | | | | 1 | | | |
| <input checked="" type="checkbox"/> Public Events/Presentations | # Attendees | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>2</td><td>5</td><td>8</td></tr></table> | | | 2 | 5 | 8 |
| | | 2 | 5 | 8 | | | |
| <input checked="" type="checkbox"/> School Program | # Attendees | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>4</td><td>2</td><td>1</td></tr></table> | | | 4 | 2 | 1 |
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| <input type="checkbox"/> TV Spot/Program | # Days Run | <table border="1" style="display: inline-table;"><tr><td></td><td></td><td></td><td></td><td></td></tr></table> | | | | | |
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| <input checked="" type="checkbox"/> Printed Materials: | Total # Distributed | <table border="1" style="display: inline-table;"><tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr></table> | 9 | 9 | 9 | 9 | 9 |
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Locations (e.g. libraries, town offices, kiosks)

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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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Name of MS4/Coalition

CNY Stormwater Coalition

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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.

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 a 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 Syracuse Home Builder's

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

51 newsletter announcements were sent to individual contractors notifying them that the newsletter was available on the CNY Stormwater website on October 15, 2019. A PDF version of the newsletter was distributed to the Coalition members for distribution and/or use on municipal websites. The Syracuse Builders Exchange assisted in distributing and promoting the newsletter.

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

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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes No

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

This effort will be expanded to include additional target groups. Direct information ton topics of interest to a minimum of 3 targeted stakeholder groups will be provided. Information will be designed to address specific functions and stormwater concerns relative to each group. Materials will be delivered electronically and/or in hard copy as most appropriate.

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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.

A seasonally themed, electronic newsletter will be developed and distributed quarterly to interested individuals. The newsletter will maintain a focus on primary pollutants of concern in the SUA, 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.

Gardens and Gutters was electronically distributed on 4/15/19, 7/27/19, 8/19/19, and 9/25/19. A distribution database averaging 260 individuals is continually updated to reflect new subscribers and current contacts. The newsletter is promoted at public events, on-line, in other hard copy materials, and through direct promotion with existing organizations and groups with a complimentary focus. Feedback indicates that the topics, graphics tone is appropriate for the target audience. Following the distribution of "Gardens and Gutters" a complimentary stakeholder meeting was held.

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

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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes No

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

Quarterly distribution of Gardens and Gutters will continue electronically in 2020. 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 forums, other hard copy materials and directly with complimentary stakeholder groups.

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

CNY Stormwater Coalition

SPDES ID

N	Y	R	2	0	A	2	0	6
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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.

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 September 19, 2019. As reported by the Post Standard, the insert reached 125,772 readers or 17% of the adults in a 7 county CNY distribution area. Within Onondaga County alone, the publication reached 95,702 readers or 26% of the adult population. Onondaga County comprises the most area in the SUA.

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).

A similar informational insert in the Syracuse Post Standard will be published in the Spring of 2020. It will also be distributed in PDF format for inclusion on municipal websites or reprint for hard copy distribution at municipal buildings and public events. The insert will focus on stormwater processes, impacts, issues of concern, SUA primary pollutants of concern and citizen generated solutions.

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

CNY Stormwater Coalition

SPDES ID

N	Y	R	2	0	A	2	0	6
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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 selected to address current training and informational needs.

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

Three training events were held as follows: 10/29/19 - Salt Calibration and Train the Trainer workshop for MS4s and local winter maintenance private contractors - focused on materials handling and management, water quality and environmental protection and safety; 11/1/19 Screening and discussion of "Rain Check" with MS4 representatives focused on stormwater pollution prevention, at municipal facilities and improved municipal practices; 2/27/20 What to Expect When You are

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

		2	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 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).

Planned 2020 training opportunities will include in-person workshops and presentations, videos and/or webinars. Topics will be selected to address current training and informational needs as determined through discussions with NYS DEC and the CNY Stormwater Coalition members. Trainings may be conducted as stand alone events or as part of regularly scheduled Coalition meetings.

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

CNY Stormwater Coalition

SPDES ID

N	Y	R	2	0	A	2	0	6
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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.

Stormwater Public Survey Response Actions: CNY RPDB will compile/develop new and existing materials to address public education needs identified through the 2015 public survey, and identify appropriate outlets to expand outreach efforts. The survey indicated that the educational program can be strengthened by intensifying pet waste management messages, identifying new electronic outlets incorporating social media; and continuing to emphasize stormwater pathways and the

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

The CNY Stormwater Coalition website was continuously updated and promoted as an informational resource. Following substantial revisions, usage significantly increased during the 2019-2020 permit year. New contacts were established with winter road maintenance contractors with the expectation that additional seasonal materials would be distributed to the bulk of this group in 2020. Post Standard insert and public newsletters maintained a tight focus on core issues. Efforts to utilize

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

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

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes No

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

Yes No

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

The Coalition will sponsor an on line public survey to assess the effectiveness of ongoing public education efforts and to identify additional education targets. The survey will be conducted as the third in a series. Survey results will be assessed and reported back to the membership in report form including recommendations for improving the reach and effectiveness of public education efforts.

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

CNY Stormwater Coalition

SPDES ID

N	Y	R	2	0	A	2	0	6
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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.

Identify and initiate opportunities that support the education objectives of the CNY Stormwater Coalition.

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

61 design engineers and landscape architects received PIE approved stormwater training through a series of four professional level stormwater management training courses held in Syracuse on 3/13/19, 4/3/19, 5/8/19, 2/5/20. Development plans and projects reflect state approved stormwater practices and are in compliance with stormwater regulations. Attendees are more aware of stormwater management issues, impacts and opportunities for improved responsiveness..

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).

The professional stormwater training series will be continued during the 2020- 22 permit year. Opportunities to engage community and stakeholder groups through informational meetings will be sought out as a means of addressing targeted educational needs and gaps.

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

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.

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.

An informational tabletop display was staffed at the Onondaga County Water Environment Clean Water Fair on 9/7/19 (approximately 150 table visitors). Informational handouts were distributed on topics that included phosphorus fertilizer law, impacts and issues associated with phosphorus, lawn and garden care, GI, pet waste management and issues and included stormwater activity and coloring sheets and newsletters for school aged children. The CNY Home Show in March was cancelled due to COVID-19.

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 CNY Stormwater Coalition Booth will be set up and staffed at a minimum of 2 public events in 2020: 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

This report is being submitted for the reporting period ending March 9, 2020

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
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- 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
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Phone
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- Other Annual Report SWMP Plan Comments

Address

City

Zip

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

v i l l a g e c l e r k @ v i l l a g e o f l i v e r p o o l
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MS4 Annual Report Form

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

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

Name of MS4/Coalition

VILLAGE OF LIVERPOOL

SPDES ID

N Y R 2 0 A 2 0 6

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	7
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0	1
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2	0	1	9
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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?

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If No, is one planned?

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

If No, is one planned for each?

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

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

MS4 Annual Report Form

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

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

Name of MS4/Coalition

VILLAGE OF LIVERPOOL

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?

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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,

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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 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.

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

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

- No illicit discharges were identified or reported from drainage sources. this indicates that public education and outreach has yielded positive results.

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 provide education material and notices to the public in the newspaper and on their website when available.
 - Key personnel will receive training during the next reporting year as it becomes available. The educational materials continue to be available through CNYRPDB.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,
 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
NYR20A206

3.b. What types of illicit discharges have been found during this reporting period?

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

G a s o l i n e L e a k f r o m c a r f i r e

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

1

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

1

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

1

7. Has the storm sewershed mapping been completed in this reporting period?
 If No, approximately what percent was completed in this reporting period?

Yes No
 75 %

8. Is the above information available in GIS?
Is this information available on the web?
 If Yes, provide URL(s):

Yes No
 Yes No

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

URL

h t t p s : / / c n y r p d b . m a p s . a r c g i s . c o m

URL

MS4 Annual Report Form

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

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

Name of MS4/Coalition

VILLAGE OF LIVERPOOL

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 (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.

- Outfalls inspected through agreement with Onondaga County.
- Village Codes Enforcement maintains record of illicit discharges.

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

- Four outfalls were inspected during reporting period.
- No illicit discharges were found in outfalls.
- One illicit discharge was reported cause by a gasoline leak from a car fire. the spill was addressed and the illicit discharge eliminated.

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).

All the outfalls were inspected by the Village Stormwater administrator. No illicit discharge were observed and will be reported in the next cycle; The outfall mapping will be updated due to the site inspection. Several discrepancies to the outfall mapping were identified including, several outfalls not previously been mapped. Outfall mapping will be updated in 2020.

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

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,

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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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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 waster, removing materials that could potentially contribute pollutants to stormwater runoff, including the continuation of catch basin cleaning, and storm sewer inspections.

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

- Approximately 800 yards of leaves and grass clippings were picked up and properly disposed of during the months of April thru October 2019.
- 20 catch basins were cleaned.

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

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 sewer shed mapping in GIS.
- Complete system mapping including piping sizes and materials. This work is still in progress.
- Update outfall mapping.

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

- Field observation discovered discrepancies in the outfall mapping.
- Field observations identified outfalls not previously identified.
- Storm sewer shed mapping will be updated base on field observations and new located outfalls.

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 conduct further field investigations to ensure accurate mapping
- The Village will continue to investigate funding opportunities to improve system mapping for reports & investigation of illicit discharges; work with the Stormwater Coalition to update online mapping.
- Utilize GIS for more comprehensive mapping with the ability to locate, track and update outfalls.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

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?

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

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

- | | | | | | | | | |
|--|---|---|--|---|--|--|---|------------------------------------|
| <input type="radio"/> Notices of Violation | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Stop Work Orders | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Criminal Actions | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Termination of Contracts | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Administrative Fines | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Civil Penalties | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Administrative Orders | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Enforcement Actions or Sanctions | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
| | | | | 0 | | | | |
| <input type="radio"/> Other | # | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">0</td></tr></table> | | | | | 0 | <input type="radio"/> No Authority |
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MS4 Annual Report Form

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

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

Name of MS4/Coalition

VILLAGE OF LIVERPOOL

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
--	--	---

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

		1
--	--	---

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

		1
--	--	---

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

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

 %

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

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

 %

 5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual? Yes No NT

 6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval? Yes No NT
- If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? Yes No

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

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department

C o d e E n f o r c e m e n t

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

Address

City

Zip

-

Phone

() -

○ Other

Address

City

Zip

-

Phone

() -

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

URL

URL

MS4 Annual Report Form

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

2	0	2	0
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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.

- Observe construction sites to ensure proper E&S control measures are in place and that NYSDEC Stormwater Measures and SWPPP guidelines are being met and adhered to.

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

- One construction site was permitted by the Village in 2019 and is now under construction.
- This site provides water quality and quantity measures, as well as phosphorous reduction as required by Village code, and will be privately owned and maintained through a Maintenance Agreement with 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 will continue to review SWPPP's and inspect sites for proposed and ongoing projects.

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

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.

-Weekly site inspection for E&S control must be completed by qualified inspector, and submitted to the Village for review.
 -Proof of contractor training is required to ensure contractors understanding of site specific SWPPP as well as general E&S control/water quality regulations. Contractor certification statements in the SWPPP are also signed 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.

-One project requiring coverage is underway in the Village. Proof of training & certification is on file.
 -Weekly inspections are submitted to the Village and kept on site. Review of reports, coupled with site inspection by the Village, prevented sediment laden water from entering the storm sewer system.
 -Continued weekly inspection reports will be submitted and maintained onsite as required by Permit.

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, preconstruction coordination will be completed for all projects disturbing 1-acre or more, and those requiring completion of a SWPPP.
 - the Village will continue to require contractor to utilize qualified/certified personnel for E&S control.
 - Weekly inspection reports will continue to be submitted & maintained onsite as required by Permit.

MS4 Annual Report Form

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

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Name of MS4/Coalition

VILLAGE OF 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 (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

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

-Continue municipal employee training in construction inspection, and E&S control.

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

- No employees attended Stormwater management Training Classes 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 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).

-Key personnel will continue to be trained as required by the law and as key training sessions are offered.

MS4 Annual Report Form

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

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Name of MS4/Coalition

VILLAGE OF 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.

- Continue to enforce local law which establishes Villages E&S control program (requires SWPPPs for all projects, municipal SWPPP review, Maintenance Agreement, SWPPP Acceptance Form 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.

- There was 1 construction project approved during this report (disturbing more than 1 acre). A SWPPP was prepared and approved for this project which meet all the required elements as mandated by the village adopted law and the NYSDEC Stormwater Guidelines.

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 enforce their local law regarding stormwater.
- The Village will update the law when updated guidelines are provided by NYS.

MS4 Annual Report Form

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

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Name of MS4/Coalition

VILLAGE OF LIVERPOOL

SPDES ID

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7. Evaluating Progress Toward Measurable Goals MCM 4

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

-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 SWMP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

-The Village will continue to maintain and update the library, making all information available for review.

MS4 Annual Report Form

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

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Name of MS4/Coalition

VILLAGE OF LIVERPOOL

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
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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?

		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

VILLAGE OF LIVERPOOL

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 own any post-construction stormwater management practices.
 - Seven privately maintained detention facilities are currently on the Villages inventory, 3 were inspected this year.
 - No maintenance was required.

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).

- Update inventory of Stormwater Practices as required (1 current project with stormwater practices will be added to the inventory).
 - Inspect post construction stormwater facilities (3 min).
 -Maintain stormwater facilities or if privately maintained, order to be maintained.
 -Complete improvements or maintenance when required or if problems identified during inspections.

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

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 (SWPPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWPPP 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 programs, etc.)

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

-One SWPPP was submitted for review during the last reporting period for a site grater than 1 acre. This site contains stormwater management facilities that will be privately-owned and maintained through a Maintenance Agreement with the Village. The Village will required yearly reporting on the continued effectiveness of the facilities.

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 SWPPP?
 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's will be reviewed based on the local law and in accordance with the NYSDEC Stormwater Guidelines.
 -Green infrastructure practices will be implemented in accordance with the NYSDEC Design Manual.

MS4 Annual Report Form

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

2	0	2	0
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Name of MS4/Coalition

VILLAGE OF LIVERPOOL

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.

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

-No Village employee attended Stormwater Management Training classes during this reporting period.

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, and new information presented.

MS4 Annual Report Form

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

2	0	2	0
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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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Minimum Control Measure 6. Stormwater Management for Municipal Operations

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

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

How many MS4s contributed to this report?

		1
--	--	---

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"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Bridge Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Winter Road Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Salt Storage.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Solid Waste Management.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
New Municipal Construction and Land Disturbance..	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Right of Way Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Marine Operations.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrologic Habitat Modification.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Parks and Open Space.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Municipal Building.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Stormwater System Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Other.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Yes	<input checked="" type="radio"/> No

MS4 Annual Report Form

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

2	0	2	0
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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

				2
--	--	--	--	---
- Streets Swept (Number of miles X Number of times swept) # Miles

			4	5
--	--	--	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

			2	5
--	--	--	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

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

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

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

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

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?

1	1
---	---

 /

1	6
---	---

 /

2	0	1	7
---	---	---	---

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
---	---	---

 %

MS4 Annual Report Form

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

2	0	2	0
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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 6

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

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

- Maintain Village storm sewer system through regular catch basin, pipe, ditch, end section, etc., cleaning and repair. Approximately 9 miles of storm sewers and 20 miles of sanitary sewers are owned and operated by the Village. Approximately 10% of each are inspected and maintained if necessary every year.

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

During this reporting period, 25 catch basins were inspected with approximately 5 yards of material removed and properly disposed of by the Village.
 - During this reporting period, approximately 7 miles of storm sewers and 2 miles of sanitary sewer were inspected. Approximately 5 yards of material was cleaned from the systems and disposed of.

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).

- The Village continues regular scheduled maintenance of the Village's storm sewer system.
 - Storm sewer projects will be implemented as funds becomes available.
 - Sanitary sewer projects to eliminate inflow and infiltration and cross connection will be completed as funds become available.

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

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 review its training procedures and provide training if required to personnel that need training, as training classes are offered.

MS4 Annual Report Form

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

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Name of MS4/Coalition

VILLAGE OF LIVERPOOL

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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.

- Continue to conduct regular street sweeping of all Village streets.
- Continue to maintain fleet of vehicles and equipment.

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

- Village vehicles continue to have fluid changes completed by third party, off-site contract.
- Waste oil for small equipment is picked up the third party, off-site contract.
- 15 miles of streets were swept 3 times during the reporting period with approximately 20 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 to maintain street sweeping schedule, and disposal of material removed.
- Vehicle maintenance will continue to be done by contract, off-site.
- Waste oil will continue to be removed by contract with third party waster handler.

MS4 Annual Report Form

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

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? Yes No N/A

2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS? Yes No N/A

If N/A, go to question 3.

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

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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?

		0
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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
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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