

Progress Report for Part IX.B

Permit #	NYR20A286	Watershed Name	Onondaga Lake
MS4 Name	Town of Onondaga	Reporting Period Ending (mm/dd/yyyy)	09 / 09 / 2017

Watershed Improvement Strategy

Describe the strategy to reduce the discharge of phosphorous to this waterbody. Include new sources that may have been identified and any modifications to the strategy to better address new sources.

Phosphorus loading to the lake will be reduced through the use of zero phosphorus lawn fertilizer as required by the NYS Dishwasher Detergent and Fertilizer Law. Municipal stormwater practices will continue to be implemented in compliance with the current NYS PDES General Permit for Discharges from MS4s. All public education and outreach efforts will have an enhanced focus on phosphorus sources, pathways, impacts and reduction practices. Potential new phosphorus loading associated with nonnegligible land use changes in the watershed are addressed by requiring all SWPPPs to comply with the NYS Design Manual including reducing runoff volumes using practices identified in Ch. 5 and sizing all water quality controls in accordance with the enhanced phosphorus removal standards defined in Ch 10.

Public Education & Outreach

1. Description of the education program

The CNY Regional Planning and Development Board conducts an annual education and outreach program on behalf of the CNY Stormwater Coalition. The program maintains a special focus on phosphorus and pathogen reduction. The program methods include distribution of printed material through kiosks displays and direct mailings, social media and websites, informational articles in regional newsletters, quarterly newsletters, workshops, and professional development classes.

2. Who is the target audience and what is the message delivered to each target audience?

HOMEOWNERS GARDENERS PET OWNERS: POC sources pathways and BMPs; ELECTED OFFICIALS AND MUNICIPAL STAFF: stormwater regulations & responsibilities, POCs & BMPs; DESIGNERS: requirements and methods for new construction & redevelopment; CHILDREN watershed concepts, pollution sources and impacts; CONTRACTORS: erosion & sedimentation

3. Identify how many educational materials have been developed and distributed

1	4	5	0	2
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4. Identify how many educational materials have been developed and distributed that focus on:

a. understanding the Phosphorous issues

1	4	5	0	2
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b. Septic systems as a source of Phosphorous
Non-Traditional MS4

0

c. Phosphorous concerns with fertilizer use

1	4	5	0	2
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d. Phosphorous concerns with grass clippings and leaves entering the MS4

1	4	5	0	2
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5. Education plan and goals for the next 6 months

Illicit Discharge Detection and Elimination

Non-Traditional MS4 (skip Questions 6-6e)

Onondaga Lake Watershed (skip Questions 6-6e)

6. Number of On-Site Wastewater Treatment Systems (OWTS) with a design capacity of less than 1000gpd that are located in sewersheds that drain to the listed waterbody

a. Number of OWTS inspected in this reporting

b. Number of OWTS in need of maintenance or rehabilitation

c. Number of OWTS where maintenance or rehabilitation has been performed in this reporting period.

d. State the plan for OWTS that have not been addressed in 6c this reporting period

e. Describe the OWTS inspection program: Who is responsible for performing OWTS inspections? (eg:Septage Haulers, DOH, engineer, consultant); What methods are used? Are there trends in systems that need maintenance vs systems that need rehabilitation?

7. Number of Illicit Discharges detected within sewershed of listed waterbody in this reporting period.

a. Number reported in 7 that have been eliminated

b. List of Illicit Discharge locations that have not been eliminated in this reporting period and the target date for elimination

Location	Target Date (mmddyyyy)
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<input type="text"/>	<input type="text" value="___/___/_____"/>
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Post Construction Stormwater Management

- 8. Number of Stormwater Management Practices (SMPs) located in sewersheds that drain to the listed waterbody 6 6
 - a. Number reported in 8 that have been inspected in this reporting period 6 6
 - b. Number of SMPs in need of maintenance or rehabilitation 0
 - c. Number of SMPs where maintenance or rehabilitation has been performed in this reporting period. 6 6
 - d. Number of SMPs where phosphorus pollutant problems have been identified. 0
 - e. Number reported in 8d where the pollutant problem has been addressed. 0
 - f. Who is responsible for performing SMP inspections?

Town highway superintendent codes enforcement officer town engineer

- g. Is the criteria in Chapter 5, 6, and 10 of the NYS Stormwater Management Design Manual being applied? (If no, please describe any deviations) Y N

Every project that requires a SPDES permit for stormwater must go through a strict review and approval process with the Town and Town Engineer where all design manual parameters are enforced and followed

- h. State procedures to identify sites with post construction controls that are not functioning as designed (ie, rill erosion, pollutant bypass)

Weekly erosion and sediment control inspection reports Town Engineer inspection and reporting to Town officials weekly letters are written to contractors to correct

- 9. Describe the retrofit program. Include the funding sources and design description of retrofits. Identify all retrofits that have been constructed and maintained during this reporting period.

Retrofitting includes funding set aside through Town consolidated drainage districts to regularly maintain all of the public stormwater practices on an annual basis

- 10. Post-Construction Stormwater Management plan and goals for the next 6 months

Maintain stormwater inventory and maintenance records and Town SWMPP continue regular maintenance review monitoring and inspection per design manual and SWMPP

Municipal Operations Pollution Prevention/Good Housekeeping

- 11. Amount by weight in pounds of turf fertilizer containing phosphorous that was applied on municipally owned lands in this reporting period. 0

- 12. Describe other turf management practices implemented during this reporting period.

Town parks department utilizes nitrogen only no phosphorus fertilizer at a rate of half pound per acre or 15 0 8 course All public green areas and parks are mowed regularly with Town funds to maintain normal grass heights all developer projects require turf establishment in accordance with the most current guidelines set forth in the NYS standards and specifications for the erosion and sediment control

