

Conesus Lake Watershed Stormwater Toolkit: A Homeowner's Resource

Watershed Education Center

April 24, 2019

What is Stormwater?

Stormwater- Water from rain or melting snow that doesn't soak into the ground but runs off into waterways.



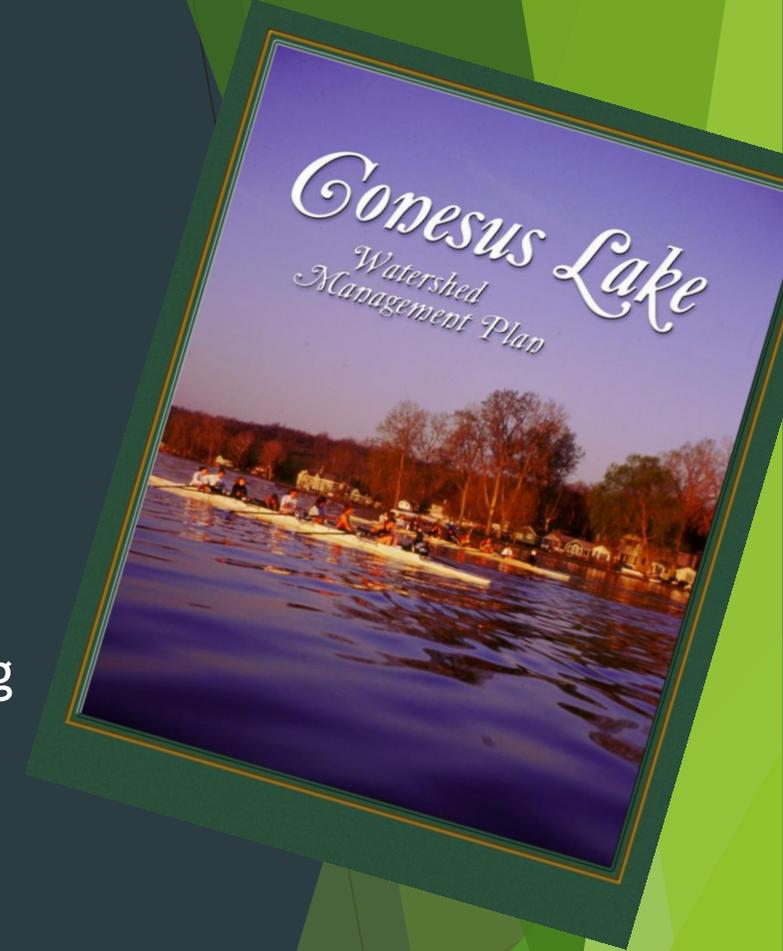
What is Stormwater Management?

Dealing with the impact or potential impact of stormwater on public and private property.

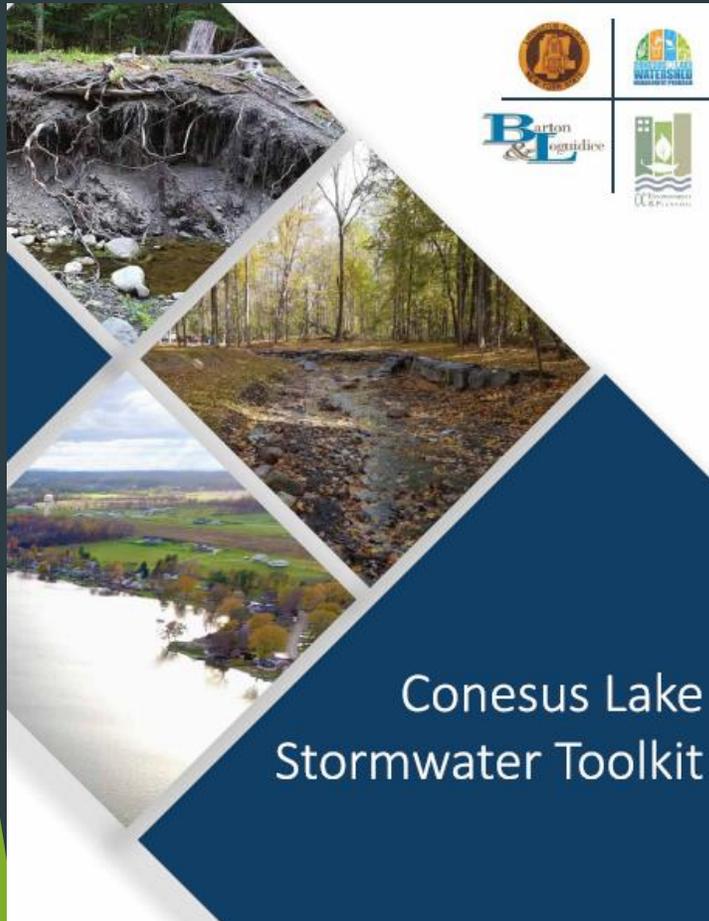


Implementing Conesus Lake Watershed Management Plan

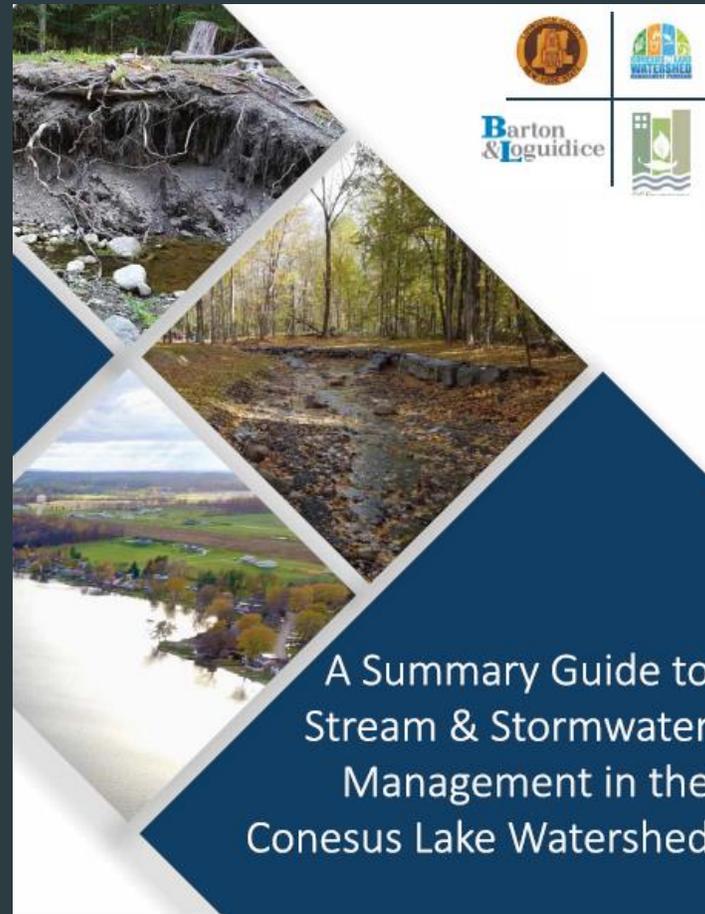
- ▶ Watershed Management Plan was published in 2003.
- ▶ Stormwater management is one of the focuses of the Plan.
- ▶ Questions that keep coming up when undertaking/contemplating stormwater management projects:
 - ▶ What can be done?
 - ▶ What factors need to be considered?
 - ▶ Is a permit required?
 - ▶ Who to contact with questions?
- ▶ Questions apply to municipal and homeowner projects.



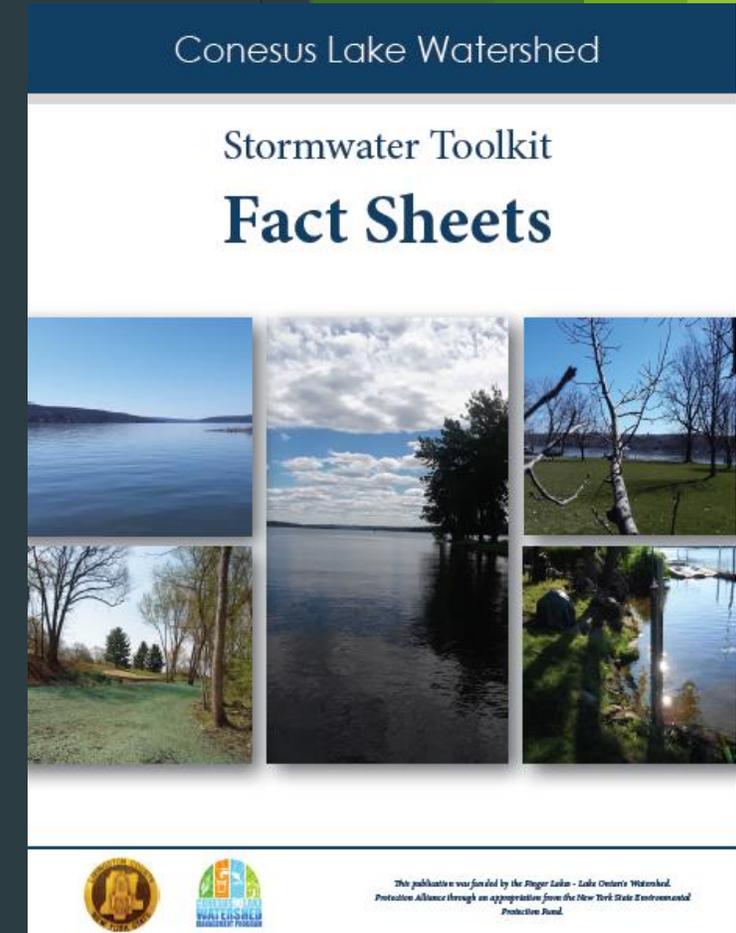
Three Documents = Stormwater Toolkit



Full Reference Document
(web only)



Summary Document
(web only)



Fact Sheets
(web & hard copy)

Partners



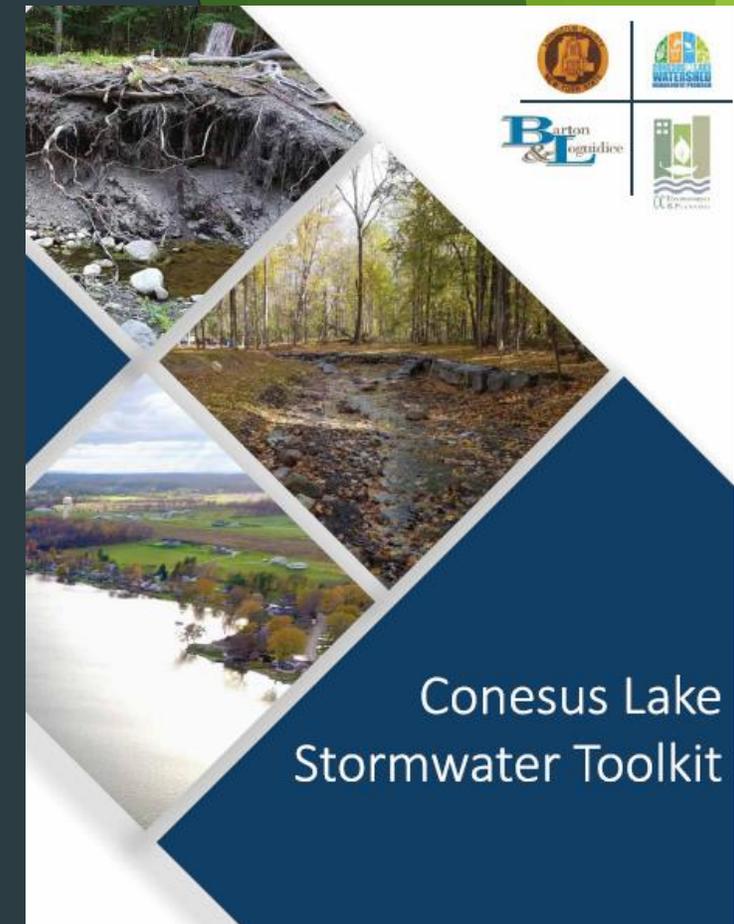
Goals of the Stormwater Toolkit

- ▶ **Goals:**
 - ▶ streamline communication
 - ▶ alleviate/reduce frustration when navigating the process of planning and constructing a stormwater management project
- ▶ **Toolkit will:**
 - ▶ clearly define the roles, jurisdictions, and responsibilities of the various agencies in the watershed
 - ▶ Make recommendations on what methods can be used for specific problems (ice jams, streambank remediation, stormwater pond creation, etc.)



Full Reference Toolkit

- ▶ Purpose
 - ▶ Technical Document for detailed stormwater project considerations
- ▶ Contents
 - ▶ Agency Jurisdictions & Responsibilities
 - ▶ Overview of the Joint Permit Process
 - ▶ Disaster Declarations & Emergency Permitting
- ▶ How to find it online...
 - ▶ Website: www.livingstoncounty.us/conesus.htm
 - ▶ Click on Reports and Publications
 - ▶ Click on [Conesus Lake Watershed Stormwater Toolkit: Reference Document](#)



<https://www.livingstoncounty.us/780/Reports-and-Publications>

USACE / NYSDEC Jurisdiction Tributary Streams to Conesus Lake



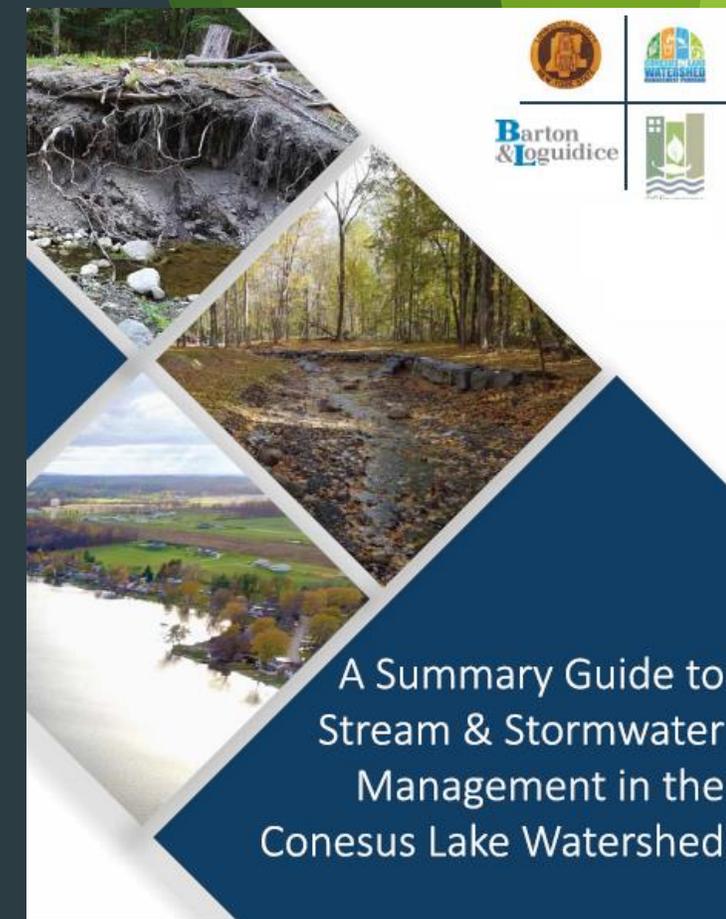
Table 1. Summary matrix of State and Federal Permit requirements form excavation or fill below OHWM/MHWM; Conesus Lake and tributary streams.

	NYSDEC Class.	Excavation or fill below OHWM/MHWM requires:		
		NYSDEC Article 15 Permit	Section 10/404 USACE NWP (or Individual Permit)	Section 401 Water Quality Certification (NYSDEC)
Conesus Lake and shoreline (below MHWM of 820.79')	AA	Yes	Yes	Yes
Tributary streams draining to Conesus Lake (portion below MHWM 820.79')	AA	Yes	Yes	Yes
Tributary streams draining to Conesus Lake (portion upstream of MHWM 820.79')	C	No	Yes	Yes

Note: other permits may be required for regulated activities other than excavation or fill below OWHM, including wetland disturbance, etc. Consultation with regulatory agencies to confirm permit requirements for any specific project is strongly recommended.

Summary Document

- ▶ Purpose
 - ▶ User-friendly document
 - ▶ Provides an overview of common stormwater- and stream-related issues
- ▶ Contents
 - ▶ Common Issues
 - ▶ Regulatory Standards
 - ▶ Partners, Responsibilities & Contacts
- ▶ How to find it online...
 - ▶ Website: www.livingstoncounty.us/conesus.htm
 - ▶ Click on Reports and Publications
 - ▶ Click on [Conesus Lake Watershed Stormwater Toolkit: Summary Document](#)



Summary Document (cont.)

▶ Some issues include:

- ▶ Sediment Deposition at the Mouths of Streams
- ▶ Streambank Erosion and Hillslope Failure
- ▶ Bridge and Culvert Obstructions
- ▶ Flooding
- ▶ Ice Jams



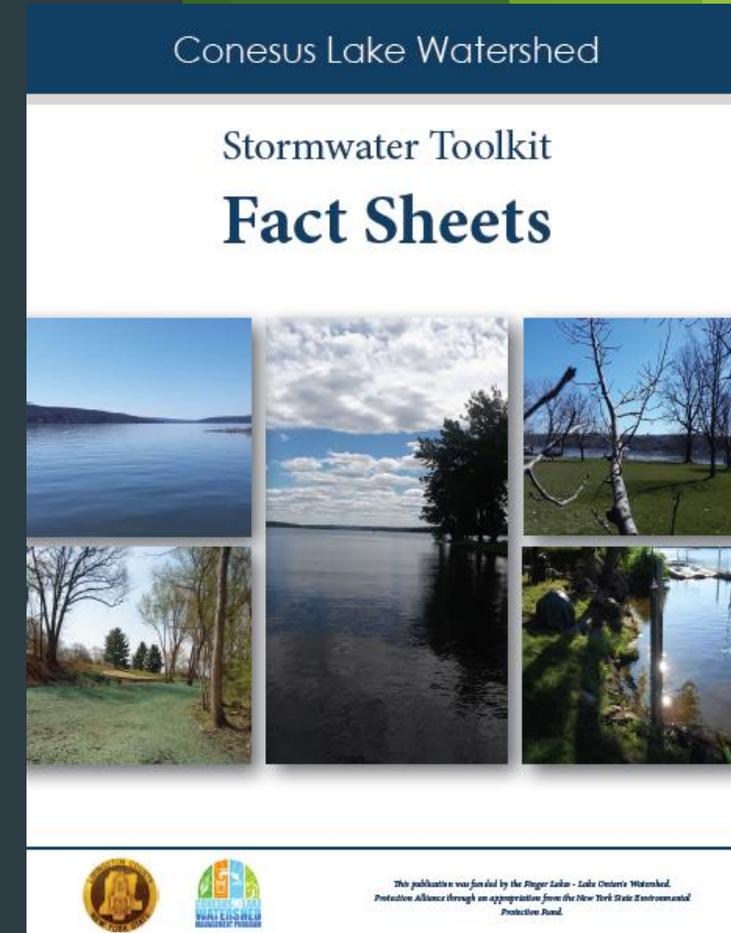
▶ Each issue is broken out into:

- ▶ Contributing Causes
- ▶ Beneficial Practices/Solutions
- ▶ Regulatory/Permitting Considerations
- ▶ Points of Contact



Fact Sheets

- ▶ Purpose
 - ▶ User-friendly one-page fact sheets
 - ▶ Simplifies and clarifies BMPs & permit processes
 - ▶ Directs people to agencies/offices prior to starting a project
- ▶ How to find it online...
 - ▶ Website: www.livingstoncounty.us/conesus.htm
 - ▶ Click on Reports and Publications
 - ▶ Click on [Conesus Lake Watershed Stormwater Toolkit: Fact Sheets](#)



Fact Sheets(cont.)

- ▶ Contents
 - ▶ Quick Reference Guide
 - ▶ Wetlands
 - ▶ Conesus Lake & Tributary Streams
 - ▶ Floodplains
 - ▶ Soil Erosion & Sedimentation Control
 - ▶ Do This, Not This
 - ▶ Agriculture BMPs
 - ▶ Forestry BMPs

- ▶ Each Fact Sheet contains:
 - ▶ Permit Requirements
 - ▶ Points of Contact
 - ▶ References & Resources

Quick Reference Guide

Do You Need a Permit?

<p>Will your activity disturb over 500 square feet?</p> <p>You may need a: Municipal Erosion and Sediment Control Permit</p> <p>Contact: - Town Code Enforcement Officer Conesus, Geneseo, Groveland, Livonia (see contact info below)</p>	<p>Will your activity disturb one acre or more?</p> <p>You may need a:</p> <ul style="list-style-type: none">• SPDES General Permit for Stormwater Discharges• Municipal Erosion and Sediment Control Permit <p>Contact: - Town Code Enforcement Officer Conesus, Geneseo, Groveland, Livonia (see contact info below)</p> <p>- NYSDEC, Region 8 Permit Administrator - (585) 226-5400</p>
<p>Is your activity within or adjacent to a wetland?</p> <p>You may need a: NYSDEC/USACE Joint Permit</p> <p>Contact: - NYSDEC, Region 8 Permit Administrator - (585) 226-5400</p> <p>- USACE, Buffalo District Office, Regulatory Branch - (716) 879-4330</p>	<p>Is your activity within or adjacent to a lake or stream?</p> <p>You may need a: NYSDEC/USACE Joint Permit</p> <p>Contact: - NYSDEC, Region 8 Permit Administrator - (585) 226-5400</p> <p>- USACE, Buffalo District Office, Regulatory Branch - (716) 879-4330</p>
<p>Is your activity within a floodplain?</p> <p>You may need a: Municipal Floodplain Development Permit</p> <p>Contact: - Town Code Enforcement Officer (see contact info below)</p>	<p>Will your activity result in impervious surfaces?</p> <p>You may need a: SPDES General Permit for Stormwater Discharges</p> <p>Contact: - NYSDEC, Region 8 Permit Administrator - (585) 226-5400</p>

Contact Information

Mary Underhill

Conesus Lake Watershed Manager

Livingston County Planning Department

(585) 243-7550

munderhill@co.livingston.ny.us

Heather Ferrero

Deputy Planning Director

Livingston County Planning Department

(585) 243-7550

hferrero@co.livingston.ny.us

