

Canton's Stormwater Program Update

Town of Canton MA, Board of Selectmen's Meeting
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Presented by: Michael Trotta, DPW Director and
Kirsten Ryan, Project Manager, Kleinfelder, Cambridge MA

Stormwater MS4 Permit Update

- What is the MS4 Permit and the MS4 **Notice of Intent (NOI)**?
- How was Canton's **NOI developed**?
- How will the **stormwater management program be implemented** in Canton?

What is the MS4 Permit?

- Federal (EPA)
- Clean Water Act 1972 - regulates point source discharge of pollutants to waters of the US
- Municipal Separate Storm Sewer System (MS4)

- ✓ Wastewater Treatment Plants
- ✓ Industrial Sources
- ✓ Construction Activity
- ✓ **Stormwater Sources (MS4)**



Massachusetts MS4 Permit **Deadlines**

- **Final MS4 Permit:** Issued April 4, 2016
- **Effective date:** 7/1/2018
- 5-year Permit Term 7/1/18 – 7/1/23

- **First deadline:**
 - Submission of a Notice of Intent (NOI) due **10/1/2018**

- Due by 6/30/19: written Stormwater Management Plan

MS4 Program Components

Two main components:

1. 6 'Minimum Control Measures' or "MCMs"
2. Water quality based requirements



Reservoir Pond

MS4 Program Components

6 'Minimum Control Measures' or "MCMs"

1. Public Education / Outreach
2. Public Involvement / Participation
3. Illicit Discharge Detection & Elimination (IDDE) Program
4. Construction Site Runoff Control
5. Stormwater Management in New/Re-development
6. Good Housekeeping / Pollution Prevention

Must implement to 'maximum extent practicable'

MS4 Program Components:

Water quality based requirements

Impaired Waters: Water quality too poor to meet standards.

Total Maximum Daily Loads (TMDLs):

- Specific **pollution 'diet'** for streams, rivers, ponds
- the maximum amount of a pollutant that a body of water can receive while still meeting water quality standards.



What is the MS4 Notice of Intent (NOI)?

- Purpose
 - acknowledge Permit requirements specific to Town
 - Develop outline to comply with Permit requirements
- Describes:
 - **What** - the actions the Town will implement
 - **When** – the beginning year of implementation
 - **Who** – the responsible department

How was Canton's NOI developed?

- Canton Stormwater Task Force
 - Three meetings in 2017 and one meeting in 2018
 - Town staff representing:
 - Public Works
 - Planning
 - Board of Health
 - Building Inspector
 - Parks and Recreation
 - Conservation
 - Management Information Systems
 - Member of the Business Association (CABI)

Responsible party by MCM

Minimum Control Measure	Responsible Party
1) Public Education / Outreach	DPW, Planning*, Conservation, IT, Town Clerk, Parks & Recreation, Health
2) Public Involvement / Participation	Town Administrator, Planning*
3) Illicit Discharge Detection & Elimination (IDDE) Program	DPW
4) Construction Site Runoff Control	Conservation
5) Stormwater Management in New/ Redevelopment	DPW, Planning, Conservation
6) Good Housekeeping / Pollution Prevention	DPW

* With assistance from CABI

How will the **stormwater management program** be implemented in Canton?

- Stormwater Management Plan update (due to EPA - 6/30/2019)
 - Narrative documenting procedures and specific details of stormwater management program, as outlined in the NOI
 - Draft from 2013 to be updated
- Task Force vs. formal committee?
- Primary authority? Funding?

Next Steps / Future Needs:

- Decide on Task Force structure going forward
- Evaluate program funding options

- Implement new Stormwater Management Plan
- Engage the public in the program

Evaluate Stormwater Program annually

- What's working? What's Not? – make adjustments

Questions / Discussion?



Reservoir Pond, photo by Town of Canton Engineering staff

To learn more:

<https://neponsetstormwater.org/>

www.cantonstormwater.org

<http://www.mass.gov/eea/docs/dep/water/wastewater/a-thru-n/ms4-cic-residential-flyer.doc>

- Mike Trotta, Director, Canton DPW
mtrotta@town.canton.ma.us
781-821-5023
- Kirsten Ryan, Project Manager, Kleinfelder
kryan@kleinfelder.com
617-498-4478