



LITTLETON STORMWATER PROGRAM

**Board of Selectmen Meeting
September 24, 2018 at 8:15 PM**

Emily Scerbo, Tighe & Bond
Natalie Koncki, Tighe & Bond
Keith Bergman, Town Administrator



PURPOSE OF THIS MEETING

- Provide an update on Littleton's ongoing stormwater management program
- Certify the Town's Notice of Intent (NOI)



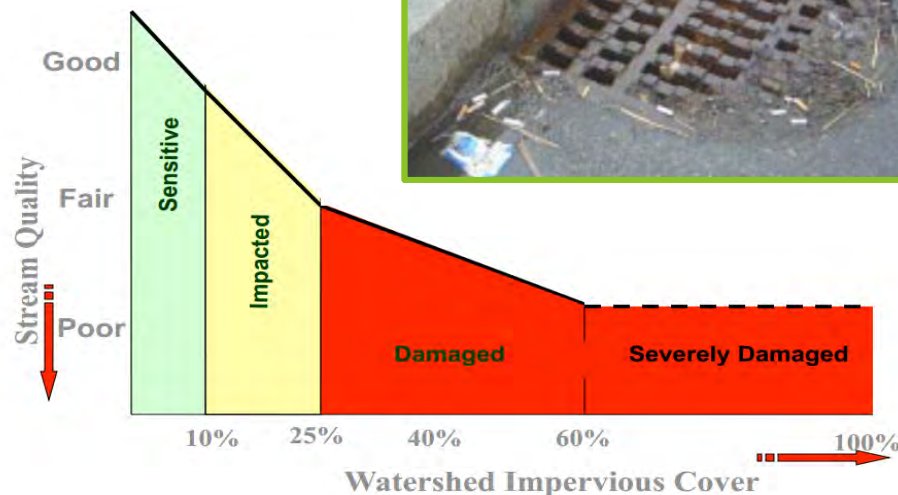
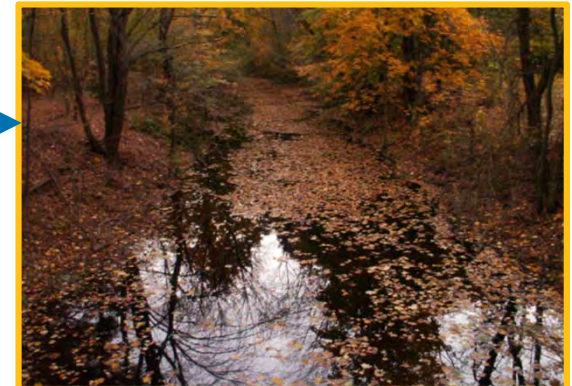
WHAT IS STORMWATER?

Rainwater that falls on paved streets, lawns, parking lots, and sidewalks becomes polluted stormwater. The more impervious surface, the more stormwater runoff and impact to receiving waterbodies.



Runoff Discharges
to Nearby Waters

*40% of known pollution to
the nation's waters is
caused by stormwater*

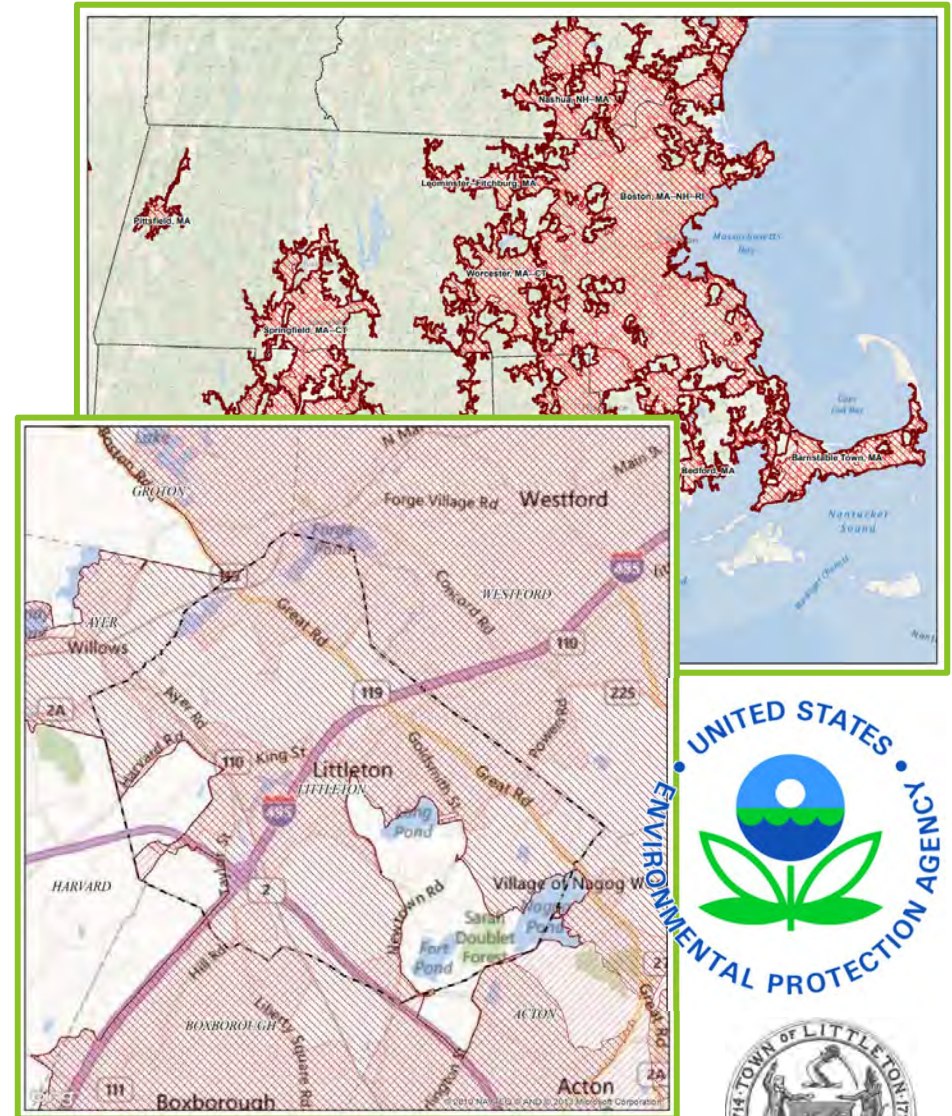


Typical pollutants in stormwater are trash, oil, fertilizers, sediment, sand, and bacteria.



EPA'S SMALL MS4 STORMWATER PROGRAM

- EPA and MassDEP jointly administer stormwater program
- 260 municipalities in MA are authorized to discharge stormwater
- Littleton's MS4 includes all drainage within the urbanized area



EPA'S SMALL MS4 STORMWATER PROGRAM

- **6 Minimum Control Measures (MCMs):**

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination (IDDE) Program
- Construction Site Stormwater Runoff Control
- Stormwater Management in New Development and Redevelopment
- Good Housekeeping and Pollution Prevention



- **Total Maximum Daily Loads (TMDLs) and Impaired Waterbody Requirements**



LITTLETON'S STORMWATER PROGRAM

- Educational materials on Town website, in newsletters, and at town buildings
- Recycling events, school field trip to the LELWD building, and local cleanups
- Developed written IDDE Plan, mapped drainage system, and investigated outfalls to screen for pollution in dry weather
- Updated local code and regulations to meet General Permit requirements
- Active street sweeping, drainage maintenance, and catch basin cleaning programs



NOTICE OF INTENT (NOI) AND STORMWATER MANAGEMENT PLAN (SWMP)

- Towns seeking authorization to discharge stormwater under the terms and conditions of the MS4 General Permit must submit a NOI

- NOI must be certified and submitted to EPA and MassDEP by **October 1, 2018**
- Presents Littleton's strategy for meeting Permit requirements, including:
 - Endangered Species and Historic Properties eligibility
 - Regulatory authorities (bylaws and regulations)
 - 6 MCMs and TMDLs

Notice of Intent (NOI) for coverage under Small MS4

Part I: General Conditions

General Information

Name of Municipality or Organization: Town of Littleton

EPA NPDES Permit Number (if applicable): MA041304

Primary MS4 Program Manager Contact Information

Name: Chris Stoddard, P.E.

Street Address Line 1: 39 Ayer Road Title: Director of Public Works

Street Address Line 2:

City: Littleton

Email: cstoddard@littletonma.org

Fax Number:

State: MA Phone Number: (978) 540-3570 Zip Code: 01461

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): <https://www.littletonma.org/stormwater>

Eligibility Determination

Endangered Species Act (ESA) Determination Completed? ☒ Yes

National Historic Preservation Act (NHPA) Determination Completed? ☒ Yes

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit: ☒ A ☐ B

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? (Part II, III, IV or V, Subpart B.3.(a) of 2003 permit) 100%

Web address where MS4 map is published: If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? ☒ Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 08/11/16

Construction/Erosion and Sediment Control (ESC) Authority Adopted? ☒ Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 08/11/16

Post-Construction Stormwater Management Adopted? ☒ Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 08/11/16

NOTICE OF INTENT (NOI) AND STORMWATER MANAGEMENT PLAN (SWMP)

- **Draft NOI is posted online on the Town's stormwater webpage:**

<https://www.littletonma.org/stormwater>

The screenshot shows the 'Stormwater' section of the Town of Littleton's website. A red arrow points to the breadcrumb 'Home >> Departments >> Department of Public Works'. Another red arrow points to the link 'Notice of Intent for coverage under Massachusetts MS4 Permit' in the 'Littleton Stormwater MS4' section. The page includes a sidebar with a blue vertical bar and a main content area with a red header bar.

Home >> Departments >> Department of Public Works

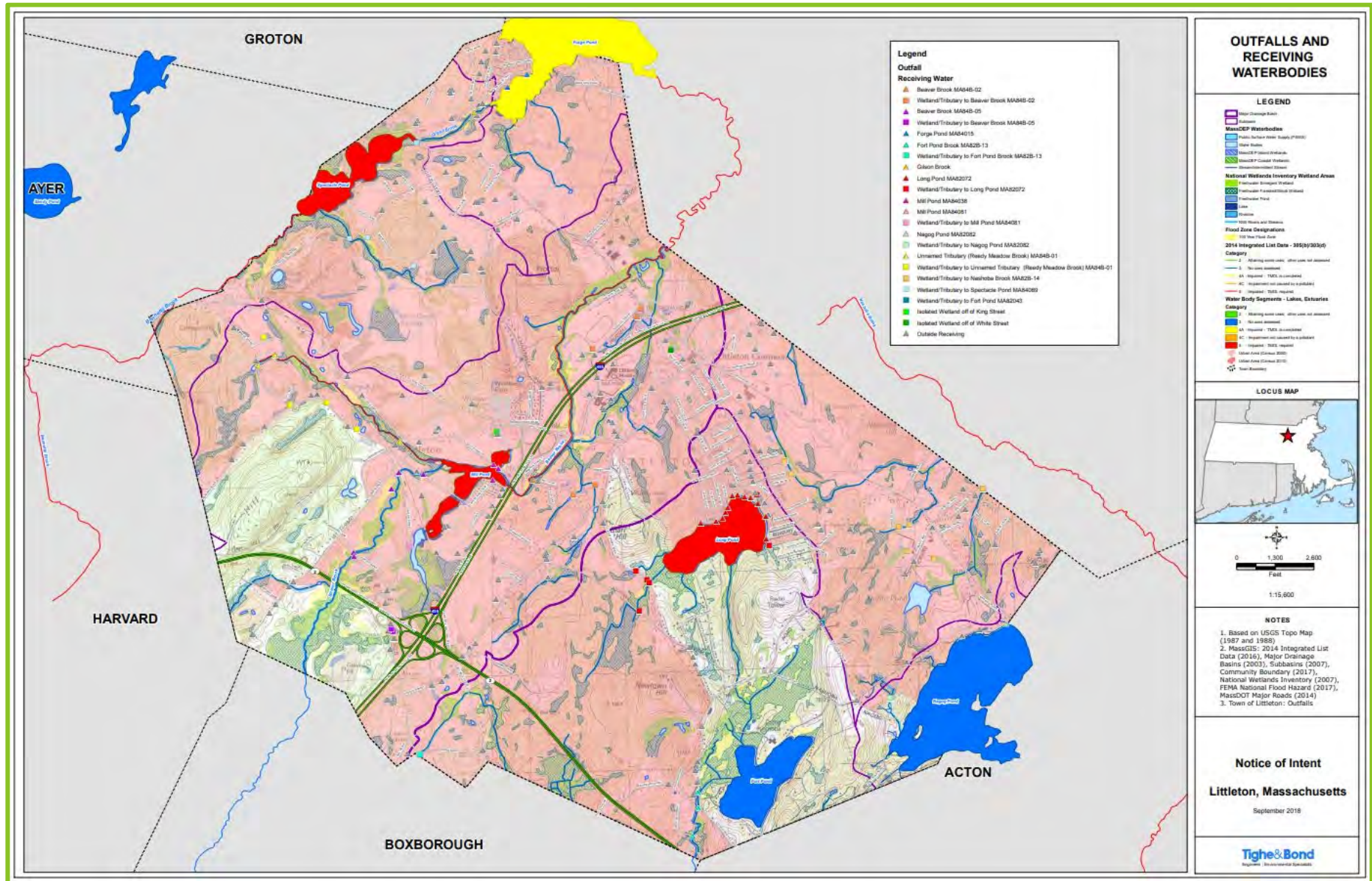
Stormwater

The Town of Littleton is implementing...

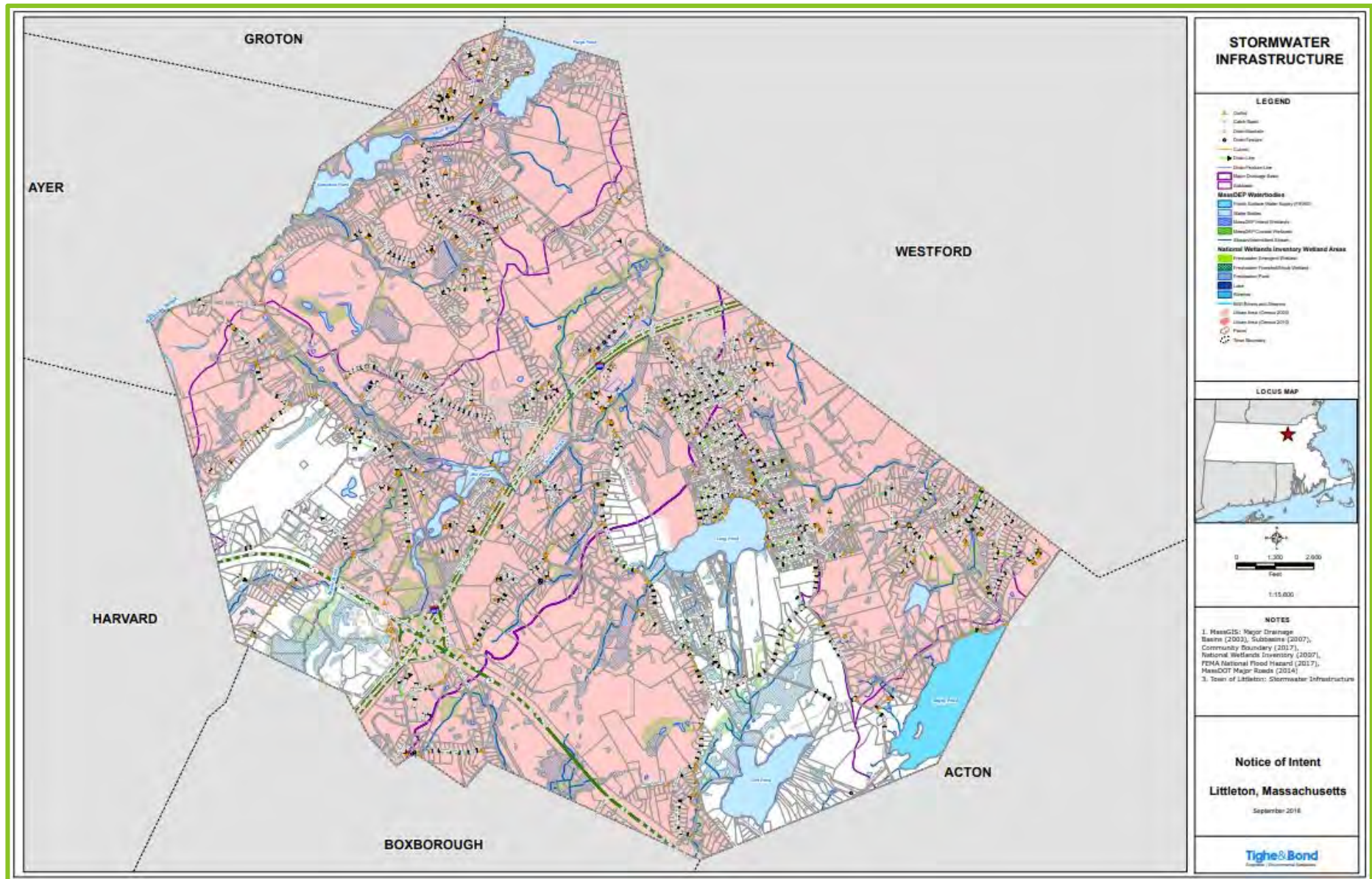
Littleton Stormwater MS4

- **Notice of Intent for coverage under Massachusetts MS4 Permit**
 - Notice of Intent - 2018
 - Receiving waters map
 - Stormwater drainage infrastructure map
- **Annual Reports:**
 - Littleton 2016

NOTICE OF INTENT (NOI) AND STORMWATER MANAGEMENT PLAN (SWMP)



NOTICE OF INTENT (NOI) AND STORMWATER MANAGEMENT PLAN (SWMP)



NOTICE OF INTENT (NOI) AND STORMWATER MANAGEMENT PLAN (SWMP)

- **Written SWMP must be finalized by July 1, 2019, which will include specific means and methods for achieving the goals outlined in the NOI**
- **SWMP contents:**
 - Regulatory background and summary of Town's existing program
 - Watershed resources and water quality in Littleton
 - Best Management Practices (BMPs) to address the 6 MCMs
 - BMPs to address water quality issues
 - Record keeping and reporting





QUESTIONS AND DISCUSSION

