



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



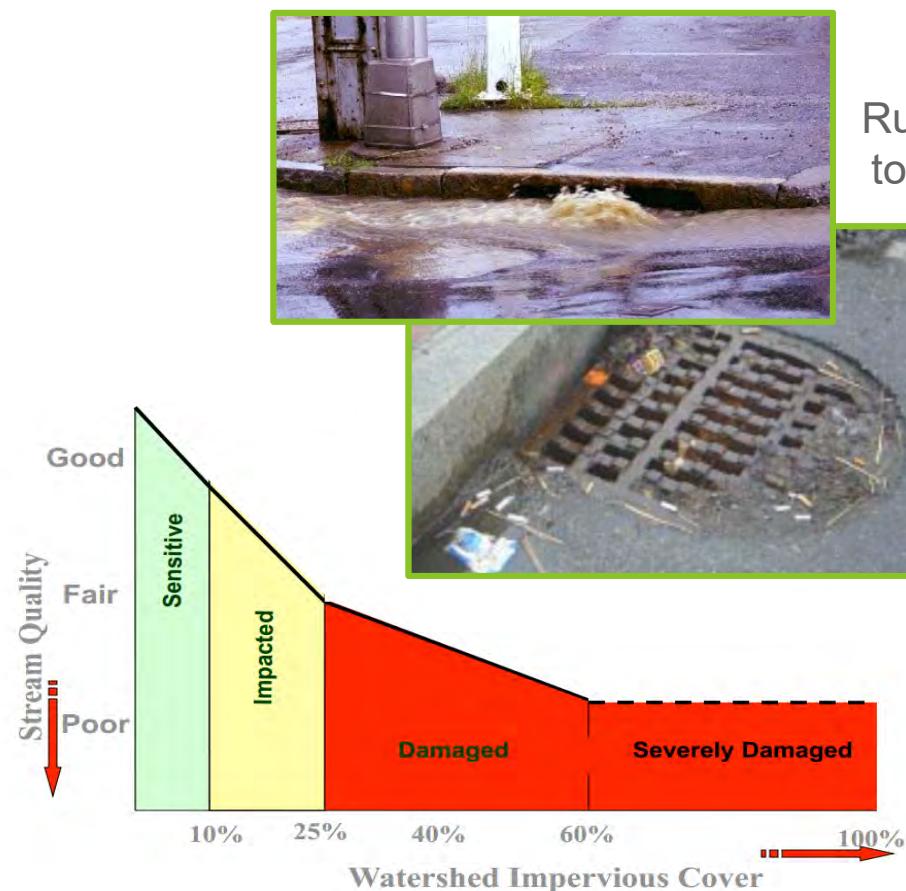
PURPOSE OF THIS MEETING

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

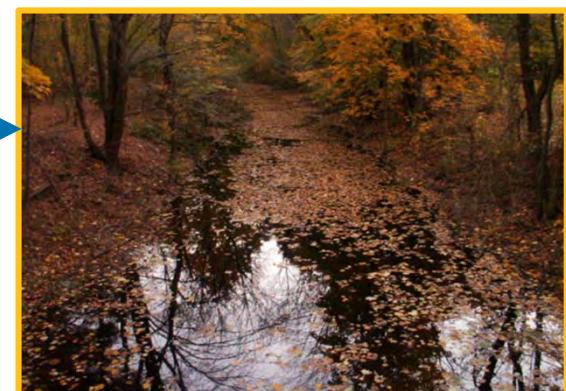


WHAT IS STORMWATER?

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.



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



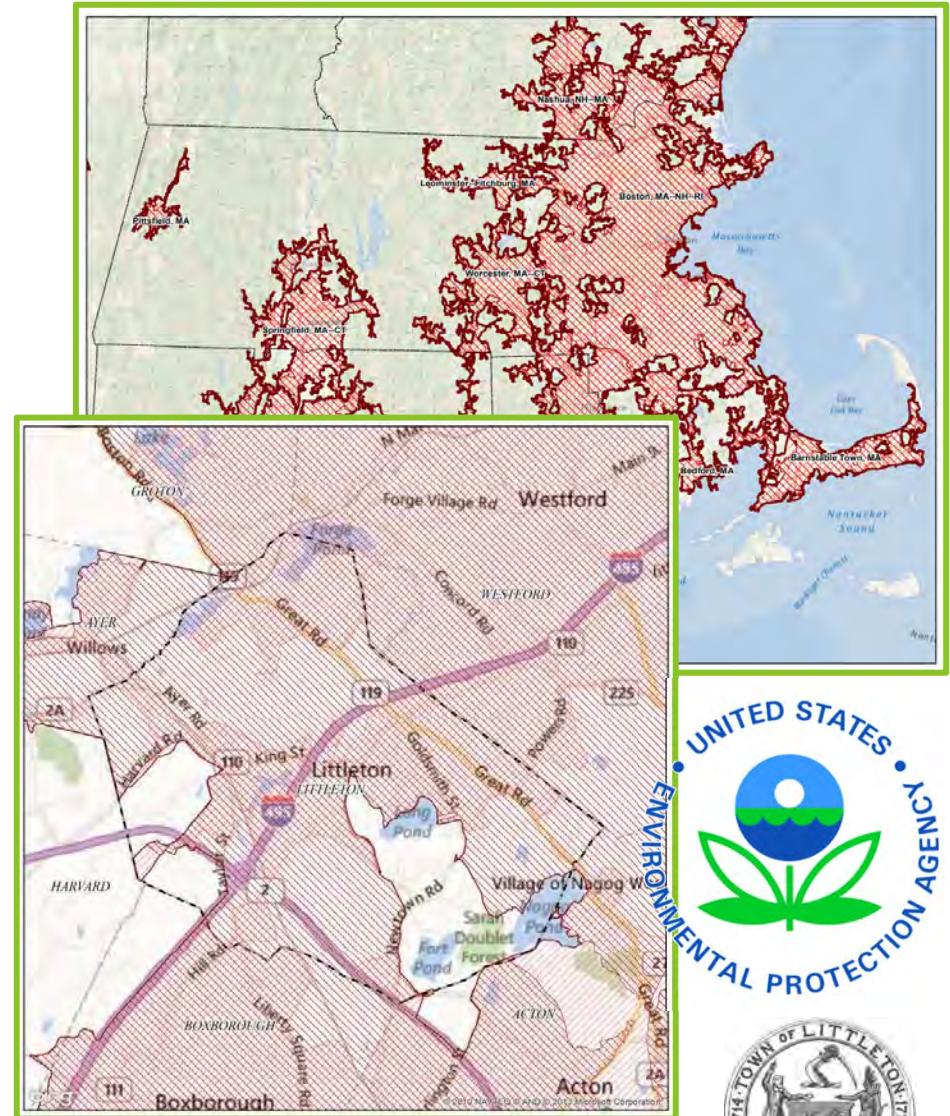
Typical pollutants in stormwater are trash, oil, fertilizers, sediment, sand, and bacteria.

Impervious Cover Model Source: Center for Watershed Protection



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 General Permit

Part I: General Conditions

General Information

Name of Municipality or Organization: EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title: Street Address Line 1: Street Address Line 2: City: State: Phone Number: Zip Code:

Other Information

Stormwater Management Program (SWMP) Location: (web address or physical location, if already completed)

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Yes
National Historic Preservation Act (NHPA) Determination Complete? Yes
Check the box if your municipality or organization was covered under the 2003 MS4 General Permit A
 A

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY): See attached maps

Web address where MS4 map is published: Outfall map is unavailable on the internet or electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)

Regulatory Authorities (if covered under the 2003 permit)

Implicit Discharge Detection and Elimination (IDDE) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.3.(a) of 2003 permit)

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.4.(a) of 2003 permit)

Post-Construction Stormwater Management Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.5.(a) of 2003 permit)

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>

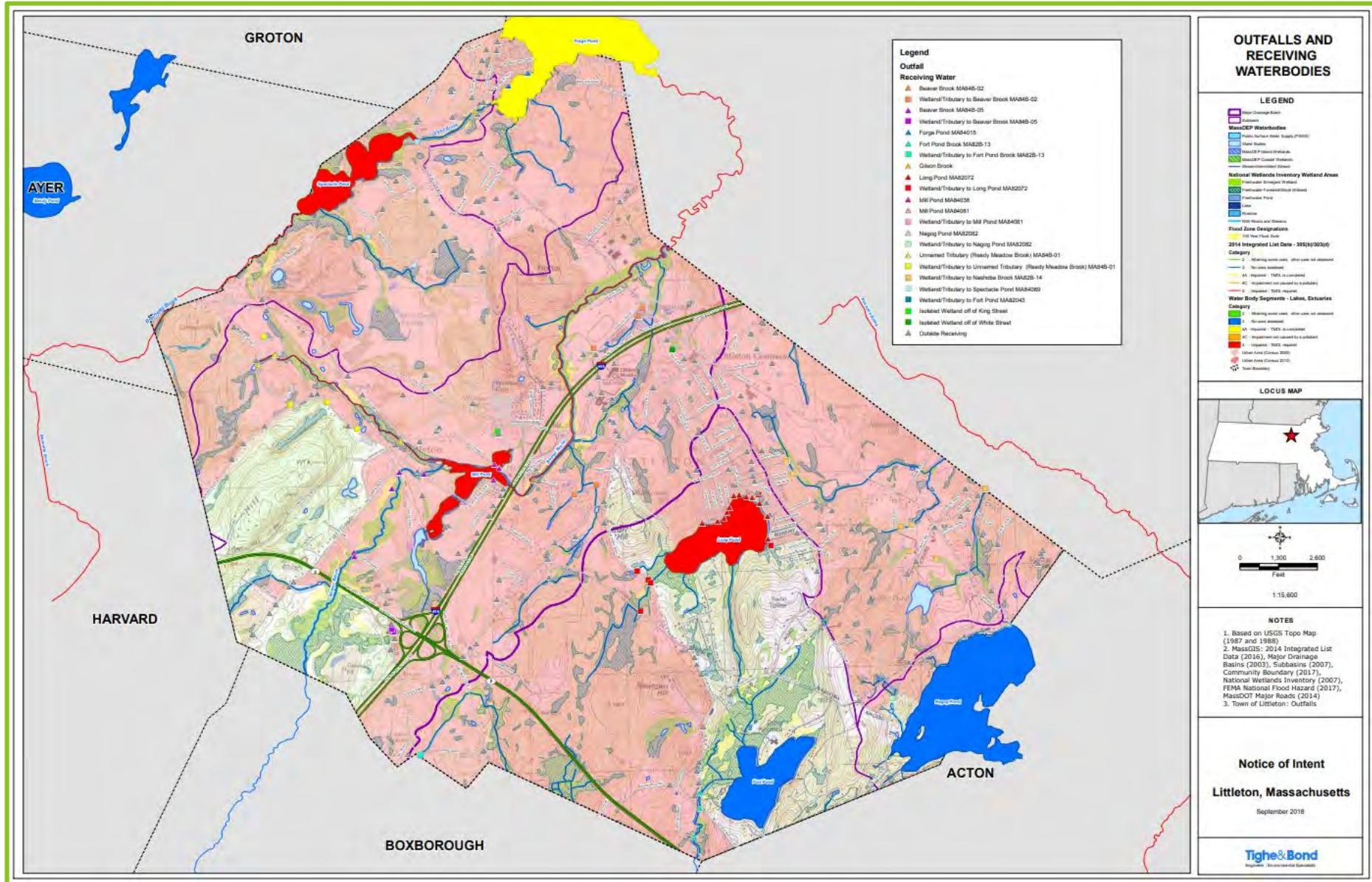
The screenshot shows a webpage for the Littleton Stormwater MS4. The navigation path is indicated by a red arrow pointing from 'Home' to 'Department of Public Works'. The main content area is highlighted with a yellow box, which contains the following text:

The Town of Littleton is imple...

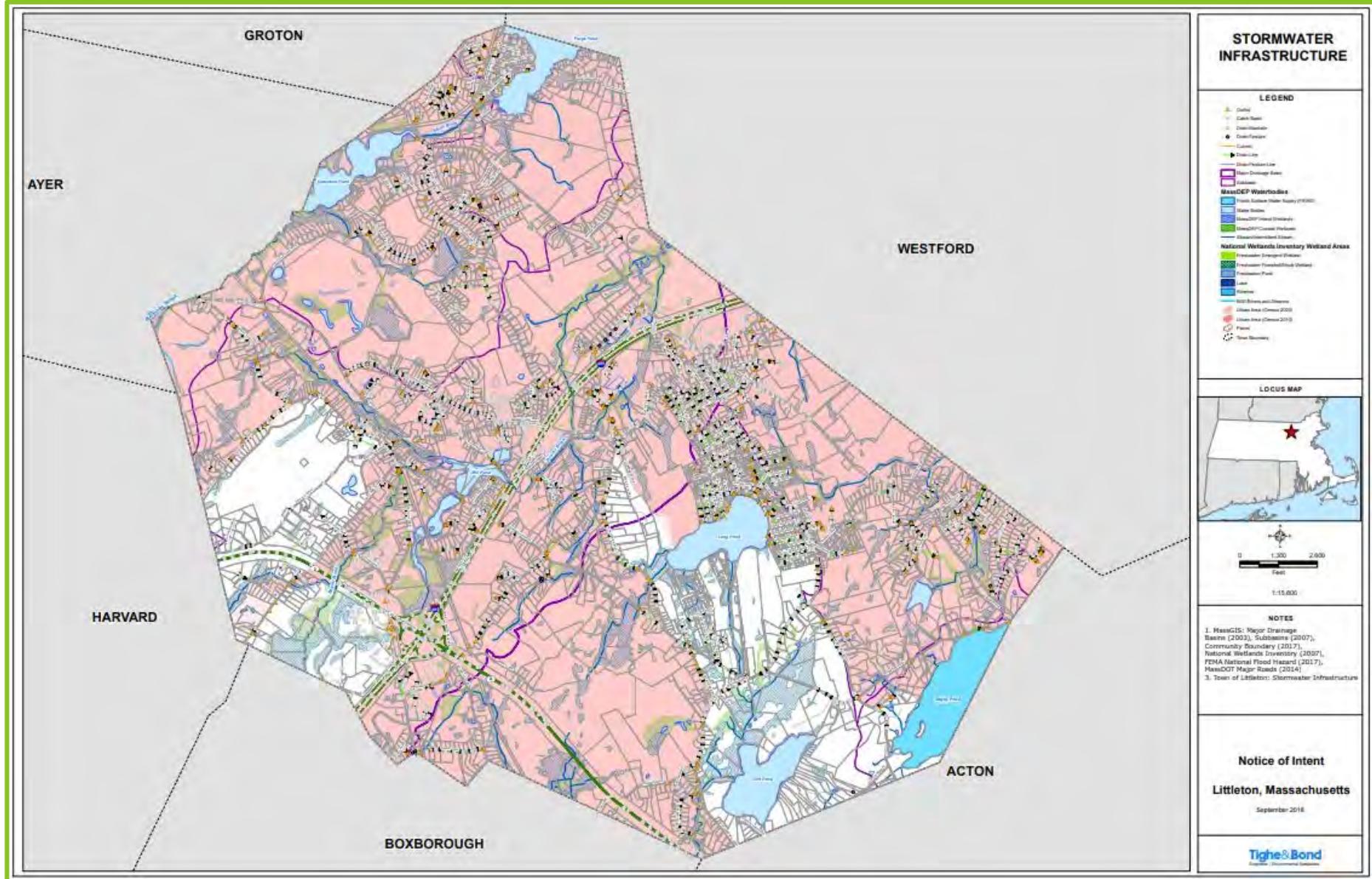
Littleton Stormwater MS4

- **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

