

# Year 3 (FY21) Update MS4 Stormwater Permit

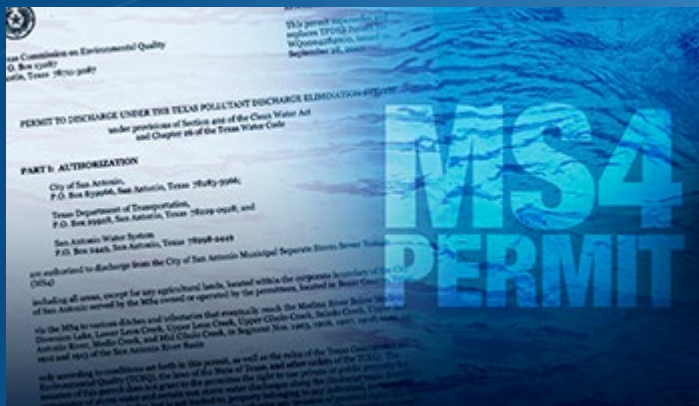
Department of Public Works  
Town of Ayer

June 2021



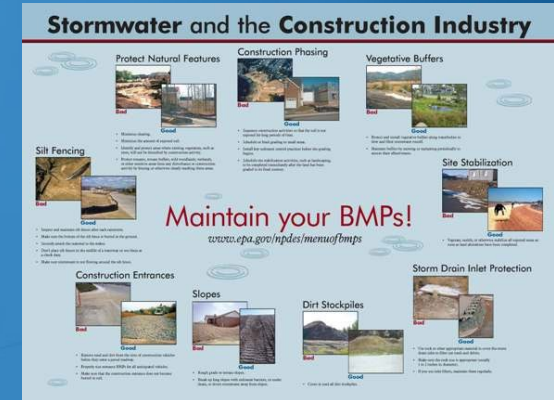
# What is an MS4 Permit?

- Municipal Separate Storm Sewer System
- EPA Program in place since 1990 to regulate discharges from MS4s to protect water quality
- Ayer has a NPDES Stormwater Discharge Permit and the DPW has specific responsibilities required by the permit
- A new MS4 Permit has been in effect since July 1, 2018, we're at the end of Year 2



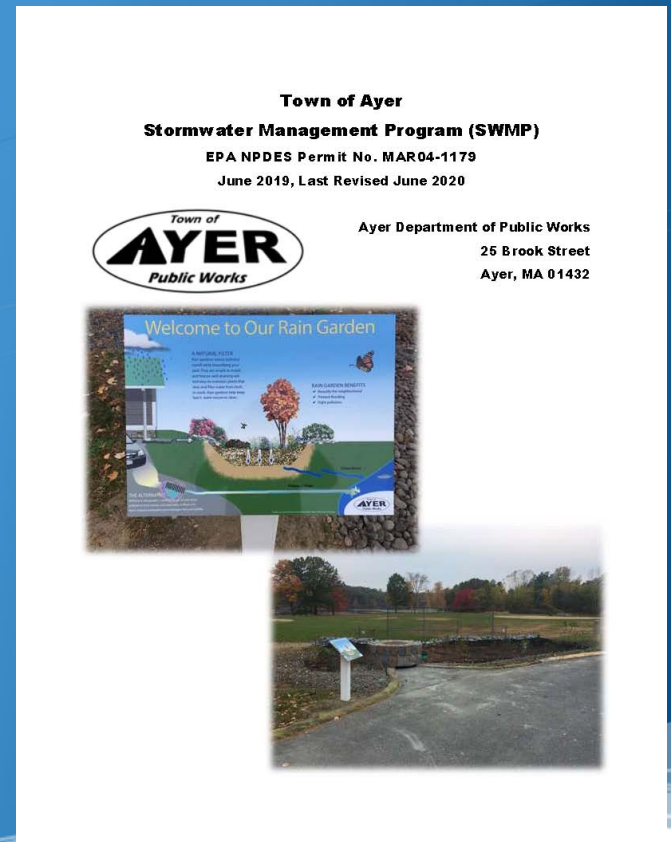
# Permit Must Address Six Minimum Control Measures (MCMs):

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination (IDDE)
4. Construction Site Stormwater Runoff Control
5. Stormwater Management in New Development and Redevelopment
6. Good Housekeeping and Pollution Prevention



# Year 3 - General Requirements

- Submitted Annual Report for Year 2
- Updated Stormwater Management Program (SWMP)
  - Revised Stormwater Map
  - Other Year 3 Elements discussed in this presentation





# Year 3 – MCM 1 Public Education

- Distributed educational messages via web or social media. CMRSWC provided messaging for retweet/Facebook.

FY2021 Stormwater Messages					
Summer		Fall		Winter	
Month	Message	Month	Message	Month	Message
July		October	Proper leaf disposal (message can be in August, September, or October)	January	
August	Proper Management of Pet Waste (message can be in June or July)	November	(Retweeted CMRSWC leaf/grass, etc – added tweet to my bookmarked tweets)	February	
September		December	Septic maintenance (message can be anytime in the year)	March	Oil Drains (Message in March may be the best time to message)

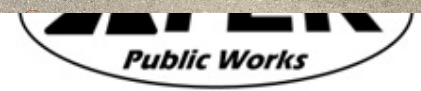
Yellow Highlight = Annual Requirement per Appendix H

Green Highlight = Year 3 Message Requirement per MCM 1



# Year 3 – MCM 2 Public Involvement

- Public review and comment on SWMP (via Town website)
- Maintained Stormwater Hotline (978-772-8240)
- Continue to promote Devens Household Haz Waste Collection and mercury waste collection
- Annual Public Update Today



# Year 3 – MCM 3 Illicit Discharge Detection and Elimination (IDDE)

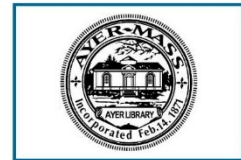
- Updated SSO Inventory
- Attended IDDE Training provided by Central MA Regional Stormwater Coalition (CMRSWC)
- IDDE Dry Weather Screening completed by SDE Engineering
- Priority Outfall Re-ranking completed



## Illicit Discharge Detection and Elimination (IDDE) Plan

Ayer, Massachusetts

June 2019  
Revised June 2020



# Year 3 – MCM 4 Construction Site Stormwater Runoff Control

- Updated Town Bylaws (NPDES Ph 2 and IDDE Bylaws)
- Amendments to the Stormwater Regulations to be adopted by the Planning Board on June 22, 2021





# Year 3 – MCM 5 Post Construction Stormwater Management

- Ensure Stormwater Controls meet Massachusetts Stormwater Handbook
  - Included in Bylaw and Regulation amendments

# Year 3 – MCM 6 Good Housekeeping

- Performed:
  - Annual catch basin cleaning and inspection
  - Street sweeping
  - Inspections and Maintenance of Stormwater Treatment Structures



# Year 3 Look Ahead

- Begin work on items due end of Year 4
- Reports/studies related to green infrastructure, impervious cover, BMP retrofits
- More Public Education messages
- Update SWMP and Public Review for Year 4
- Continue IDDE Implementation
- Year 3 Annual Report
- Infrastructure/Outfall Improvements
- Stormwater Asset Management Plan

# How are We Implementing the MS4?

- In-house
  - Town Engineer
  - Engineering/GIS Intern
  - Highway Department
  - Coordinate with other departments as required
- Consultant
  - IDDE implementation
- Central MA Stormwater Coalition (joined in Feb 2020)
  - Combine overlapping efforts with other Towns
    - E.g. Bylaw review and updates, training, public education
  - Trainings, templates
  - Kept up-to-date on changes to regulations
  - Knowledge share





Questions?