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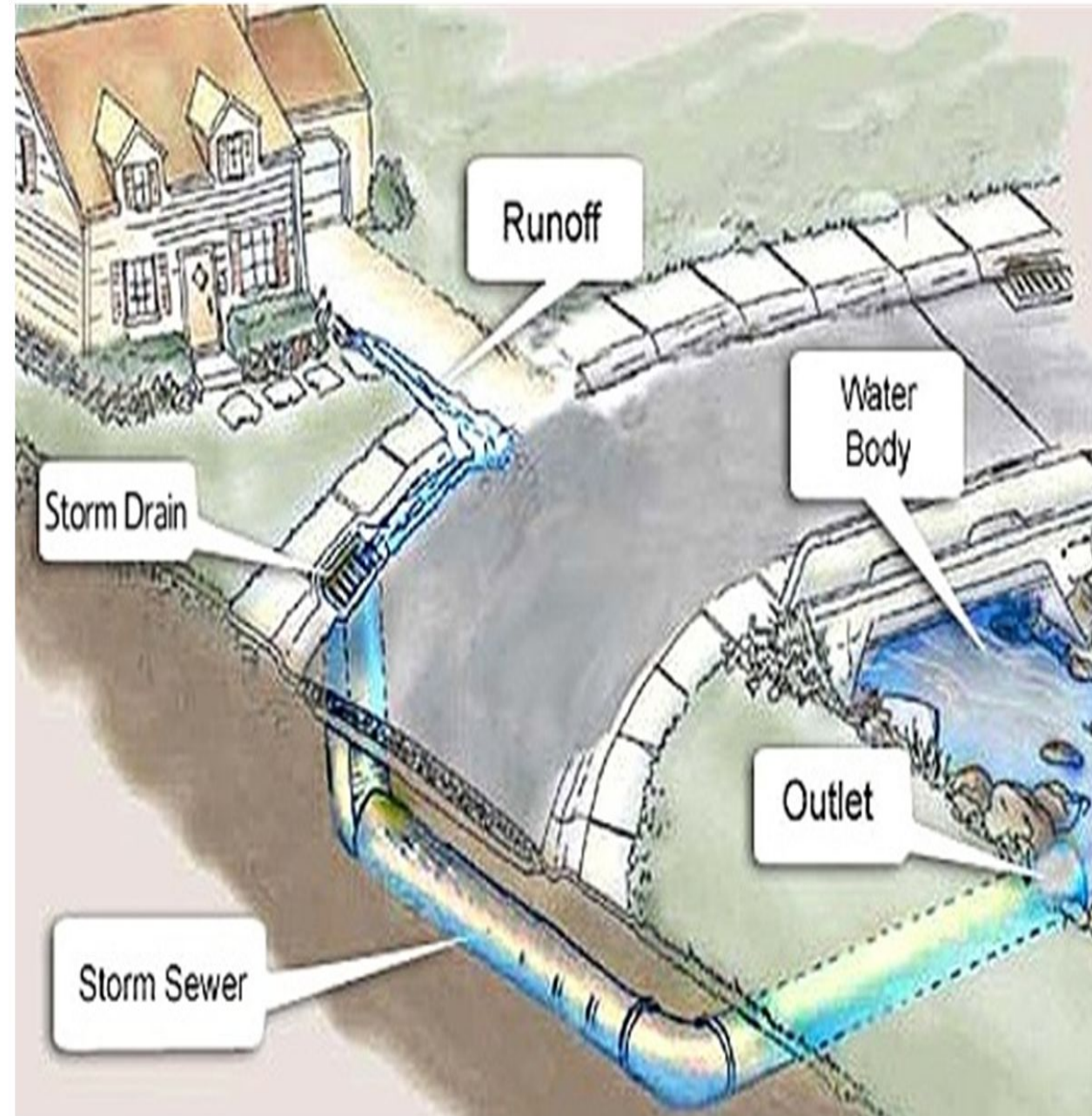
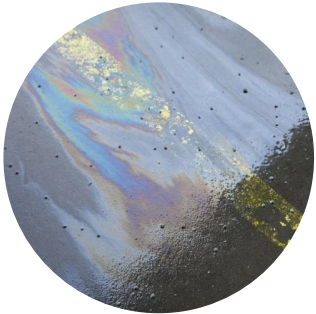
STORMWATER
MANAGEMENT
BYLAW:

2024 UPDATES



WHAT IS STORMWATER?

- Stormwater is defined by US EPA as the runoff generated when precipitation from rain and snowmelt events flows over land or impervious surfaces without percolating into the ground.
- Unfortunately, drainage systems also carry pollutants like oil, fertilizers, sediment, and trash into water resources
- Rainwater that falls on paved streets, lawns, parking lots, and sidewalks becomes polluted stormwater.



WHY NOW?

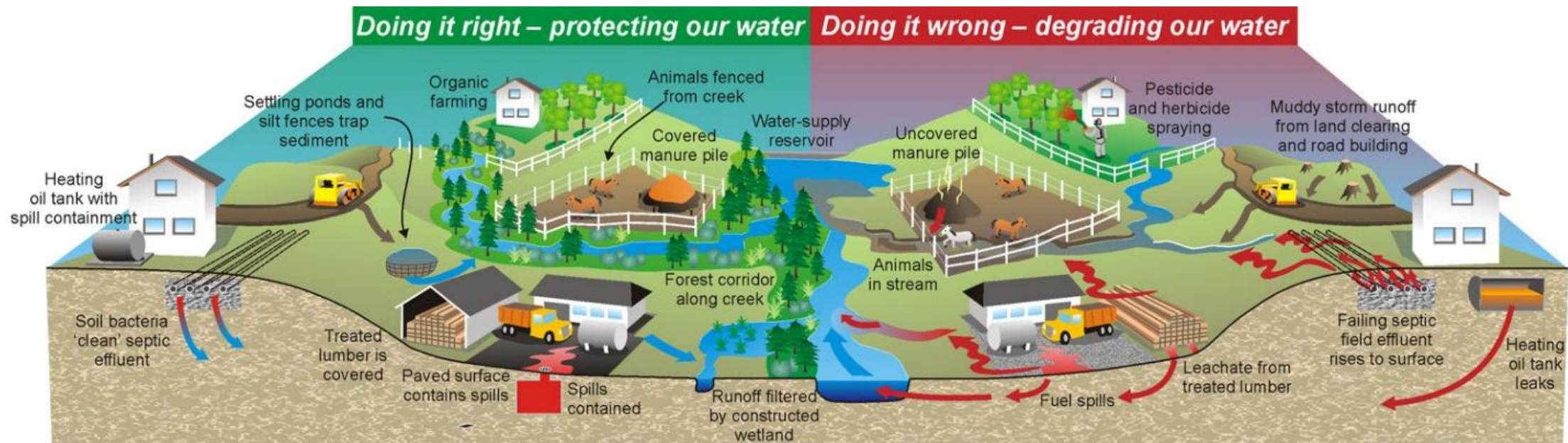
- The Massachusetts Department of Environmental Protection (DEP) requires all communities to update their Municipal Separate Stormwater Sewer System (MS4) bylaws. The Dover Stormwater Management Bylaw updates are a continuance of that process to bring our community into permit compliance.
 - Climate change is causing increased flooding throughout Dover and the bylaw will reduce stormwater runoff and flooding impacts on our community.
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WHY DO WE NEED STORMWATER MANAGEMENT?

When stormwater management systems function well, they can:

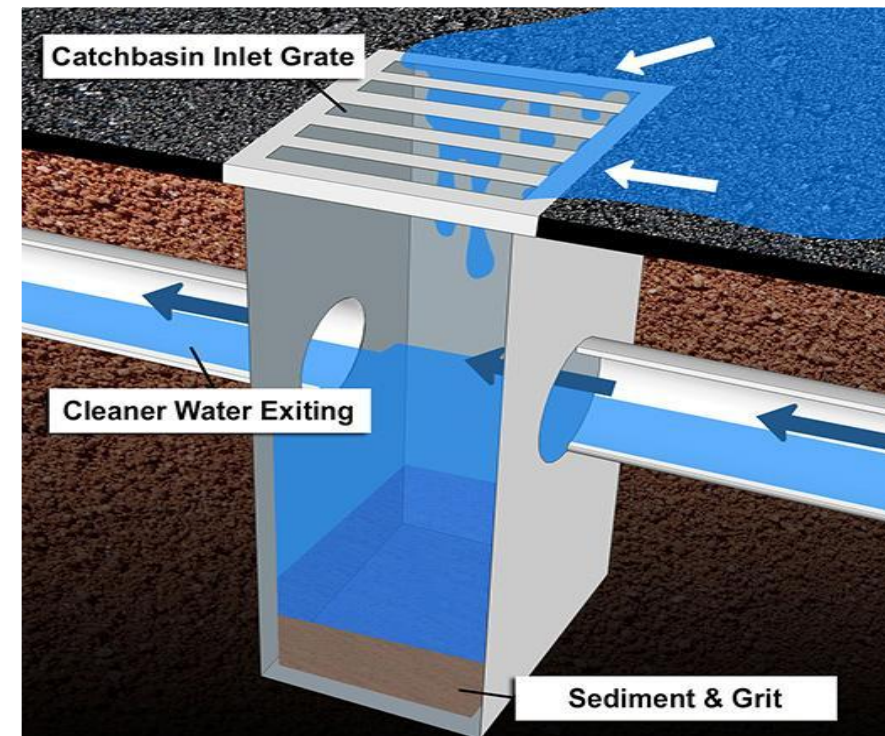
- Reduces flooding in our community
- Removes pollution carried by stormwater runoff
- Recharges the natural groundwater supply
- Protects drinking water supplies
- Protects local stream banks from erosion
- Protects public health/ Welfare



BYLAW OBJECTIVES

The Objectives of this Bylaw are to:

- Protect water resources
 - Comply with current state/Federal regulations
 - Prevent illegal connections to the municipal storm drainage systems and our waterways
 - Reduce Sediment and erosion in the municipal storm drainage systems and waterways
 - Control and mitigate construction site runoff and post-construction runoff.
 - Create Stormwater management in new development and redevelopment
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HOW WILL THE BYLAW IMPACT DOVER?

- The purpose is to establish minimum requirements and controls to protect and safeguard the environment, natural resources, general health, safety, and welfare of Dover citizens from the adverse impacts of stormwater runoff.
- The bylaw seeks to meet that purpose through the following objectives:
 - A. to minimize stormwater runoff from major development;
 - B. to minimize pollution caused by stormwater runoff from development;
 - C. to provide for drinking water protection and groundwater recharge
 - D. to ensure controls are in place to respond to objectives A. and B. and are properly operated and maintained.

WHAT ACTIVITIES ARE IMPACTED

Thresholds for requiring a stormwater review:

- A. Land disturbance activity greater than 5,500 sq. ft.
 - B. Any activity that would increase the runoff into Dover's municipal stormwater management systems.
 - C. Any activity which would alter or modify an existing Town-owned drainage system.
 - D. Storage of more than 100 cubic yards of excavate or fill.
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WHO IS THE AUTHORITY AND WHAT PROTECTIONS ARE REQUIRED?

•Establish A “Stormwater Authority” in the Department of Public Works on behalf of the Board of Selectmen

Requirements:

- A Stormwater Management Plan
- Tree Protection Plan
- Erosion and Sediment Control Plan
- Stormwater Authority site inspections



THANK YOU

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