



Stoughton Engineering & Public Works Department
in partnership with
Neponset River Watershed Association
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Canton, MA 02021

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Dear Stoughton Residents,

As you may know, most of Stoughton's drinking water comes from local sources. In addition to drinking water, Stoughton's waterways support many animals and plants, and a great variety of recreational opportunities. We aim to keep it that way.

Stoughton is working towards a cleaner future by partnering with the Neponset River Watershed Association (NepRWA) to help eliminate water pollution that comes from paved surfaces. In addition, the U.S. Environmental Protection Agency has recently released new stricter water pollution regulations that we are committed to meeting.

Through partnership with NepRWA, we have been able to secure grants to cover the cost of completing important initiatives, like the Gibbon's School Project described in this brochure.

Water pollution is a problem that involves the entire community, and simple steps like those described in this brochure can make a big difference when it comes to keeping Stoughton's water clean.

Thank you for doing your part to help.

Sincerely,

Marc Tisdelle
Interim Town Manager
Stoughton

Preventing Water Pollution at the Gibbons Elementary School

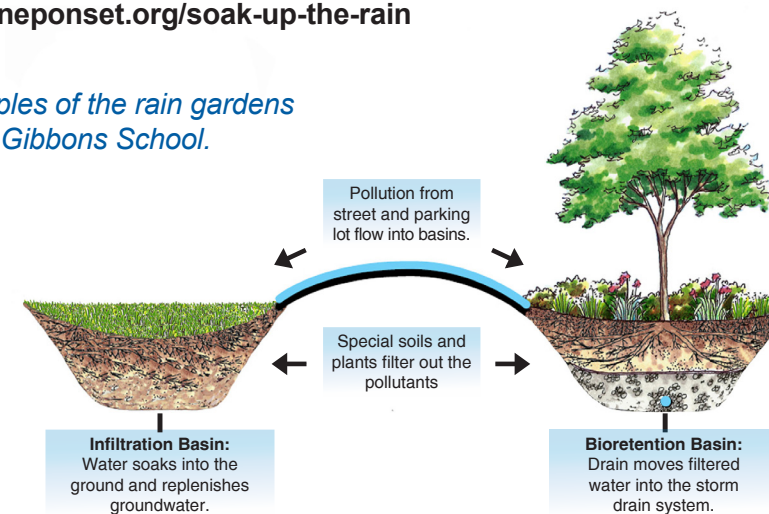
During the fall of 2017, the Joseph H. Gibbons Elementary School became the site of three new landscaped areas (or basins), and one underground chamber, which were specially designed by the Stoughton Engineering Department to keep pollution away from Steep Hill Brook.

These sites, known as rain gardens (bioretention basins and infiltration basins), will collect the water pollution that is coming from nearby paved surfaces, and allow it to soak through the ground and be naturally filtered by soil and plants.

The sites have also been developed so that students and teachers can study them, and learn how to prevent water pollution using these specially designed methods.

Residents are encouraged to build rain gardens on their property to help prevent water pollution. Learn more about building rain gardens at www.neponset.org/soak-up-the-rain

Examples of the rain gardens at the Gibbons School.



Keep Stoughton's water clean for future generations.



This project has been financed with federal funds from the Environmental Protection Agency (EPA) to the Massachusetts Department of Environmental Protection (the Department) under an s. 319 competitive grant. The contents do not necessarily reflect the views and policies of EPA or of the Department.

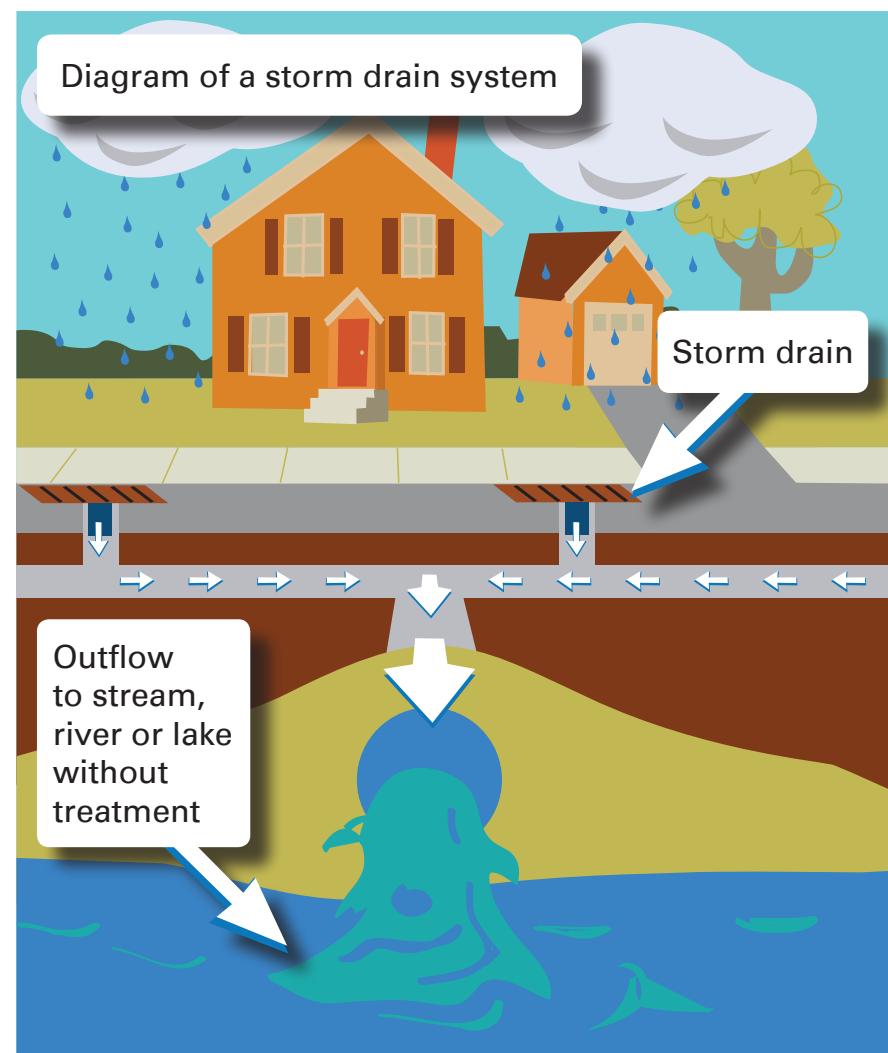
Dirty water is a big problem.

Like most towns in Massachusetts, Stoughton has many acres of pavement and concrete.

When rain hits these hard surfaces, it washes pollutants like pet waste, bacteria, oil, litter, fertilizer, and grass clippings into storm drains, which then lead directly to local waterways.

Water that flows into storm drains is NOT treated—and pollutants on the street flow directly into streams and ponds, affecting the health of drinking water, wildlife and recreation.

Read this guide to learn how you can help stop water pollution in Stoughton. The Stoughton Department of Public Works appreciates your help in keeping local waterways clean and healthy.



Make simple changes around your home to stop water pollution.



Bacteria from pet waste is a major source of pollution. Always pick up after your pet and throw waste into a trash can, not a storm drain.



Redirect water from your roof, driveway, or even the street onto a **lawn or wooded area** where it can soak into the ground naturally.



Install a rain barrel to capture rain from the roof for later use. Rain is **free of chlorine**, and great for watering plants, or washing garden tools.



Lawn fertilizer, grass clippings and leaves are high in phosphorous, a major pollutant. Keep these items away from paved areas and storm drains.



Rain gardens are shallow, **plant filled "basins"** about six inches deep that collect and absorb runoff from roofs, sidewalks, or streets.



For patios or driveways, use materials that allow rain to pass right through to the soil, like pavers, bricks, or **porous concrete and asphalt**.



Use ice melt sparingly to minimize the **harmful effects of salt** on our environment. "Pet safe" products are a good choice.

Learn more about preventing water pollution around your home by visiting www.neponset.org

For more information about the Gibbons Elementary School Project, please contact Neponset River Watershed Association Environmental Scientist, Chris Hirsch at hirsch@neponset.org or call 781-575-0354 x302.



2173 Washington Street, Canton, MA 02021
781-575-0354 | www.neponset.org

Escola de Gibbons Grant de águas pluviais

A cidade de Stoughton tem parceria com a associação de bacia hidrográfica do Rio Neponset para construir estruturas de gestão de águas pluviais para ajudar a limpar o escoamento de águas pluviais poluídas da cidade.

Joseph H. Gibbons escola será o site de três novas estruturas de gestão de águas pluviais para ser construído no Outono de 2017. Estas estruturas

coletar o escoamento de águas pluviais poluídas e deixe embeber pelo chão e naturalmente ser filtradas pelo solo e plantas, a fim de manter a poluição longe íngreme colina Brook.

Naturalmente, duas das novas estruturas chamadas, bioretention bacias ou jardins de chuva, filtram e limpar o escoamento de águas pluviais. A outra estrutura nova, chamada uma bacia de infiltração, absorve todo o escoamento que recolhe na terra, filtragem de poluentes e fontes de águas subterrâneas no processo de restauração.

Departamento de engenharia de Stoughton está criando essas estruturas de gestão de águas pluviais para que alunos e professores poderão interagir com eles e aprender sobre gestão de águas pluviais em primeira mão.

Os moradores também podem construir jardins de chuva em sua propriedade para capturar garagem, telhado ou escoamento de rua. Esta é uma maneira simples e bonita de fazer sua parte para manter sua navegação local limpo. Para saber mais sobre como construir um jardim de chuva e outras técnicas

simples de verdes, visite www.neponset.org/soak-up-the-rain

Escoamento de águas pluviais é um problema que envolve toda a Comunidade, e passos simples como os descritos na presente brochura podem fazer uma grande diferença quando se trata de evitar a poluição da água.

O Gibbons escola Stormwater Grant foi viabilizado por fundos do departamento de proteção ambiental de massa e os E.U. Agência de proteção ambiental.