

The Pembroke Stormwater Times

Spring 2021



MANAGING STORMWATER WITH LOW IMPACT DEVELOPMENT

Low Impact Development (LID) includes a variety of practices that mimic or preserve natural drainage processes to manage stormwater. LID practices typically retain rain water and encourage it to soak into the ground rather than allowing it to run off into ditches and storm drains where it would otherwise contribute to flooding and pollution problems. They can be added at any phase of development at various budget levels. Examples of LID include:

- Rain Barrel & Cistern
- Green Roof
- Rain Garden
- Permeable/Pervious Pavement
- Rainwater Catchment
- Vegetative Walls
- Bioswales
- Infiltration Trench
- Ribbon Curbs



Sketch of a rain barrel, an example of rainwater harvesting. Photo from Soak Up The Rain New Hampshire

MUNICIPAL UPDATE

The Planning Board approved MS4 updates to the Site Plan Review Regulations and Subdivision Regulations in November 2020. The Post Construction Ordinance was adopted at Town meeting in March 2021. For specific information related to these changes, contact Pembroke Town Planner, Carolyn Cronin.

We will continue to provide information to the public on these ongoing efforts. For more information, check out our website:

www.ThinkBlueSuncook.org

What are the benefits of Low Impact Development?



Improve water quality of local waters due to reduced polluted runoff



Reduce intensity of flooding by reducing volume and speed of runoff



Improved groundwater recharge by retaining more water onsite



Save money and energy by utilizing tree shading and reducing water treatment costs



Increased property values with amenities such as additional greenery and wildlife



Restore and support aquatic life by reducing runoff and erosion



Enhance neighborhood beauty and quality of life of residents



Easily installed in all phases of construction, redevelopment, and retrofitting



Reduced cost of infrastructure and landscape maintenance



Smaller overall site disturbance than traditional stormwater infrastructure

More Resources:

- US EPA Urban Runoff: Low Impact Development: <https://www.epa.gov/nps/urban-runoff-low-impact-development>
- NH-MS4 Regional Stormwater Coalitions: <https://www4.des.state.nh.us/nh-ms4/>

This flyer is intended for educational purposes as part of Pembroke's Municipal Separate Storm Sewer System (MS4) requirements. Check out more at www.thinkbluesuncook.org.



Town of Pembroke

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