

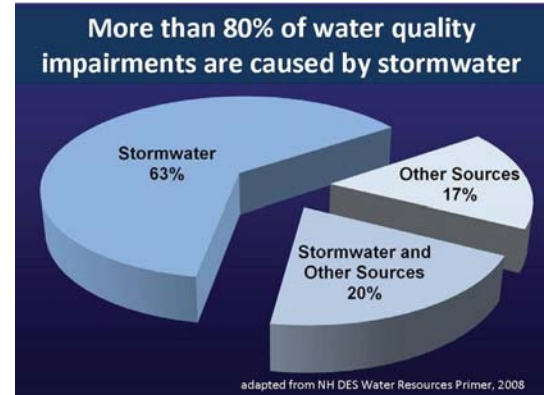
# Innovative Solutions for Residential Stormwater Management

*Sewall experts can design stormwater controls that cost less to install and less to maintain, look attractive, and protect water quality.*

Stormwater is intermittent runoff that does not soak into the ground because of impervious surfaces, such as parking lots, roads, and roofs.

**Why should you care?** Pollutants and erosion carried by runoff are recognized by EPA and DEP as the leading causes of water pollution.

Imperviousness-enhanced flooding costs homeowners and municipalities millions of dollars each year.



**Traditional runoff management vs Sewall's innovative designs.** Sewall designs stormwater systems that cost up to 10% less and are 10% to 50% cheaper to maintain, as shown by research at the Stormwater Center at UNH. These systems work with current landscaping, meet regulatory requirements, and protect water quality better than traditional methods.

**Cost-effective designs.** An integrated Sewall stormwater solution can address multiple water quality criteria while reducing costs for the client. These design strategies include:

- Reducing or eliminating impervious surfaces that generate stormwater
- Disconnecting existing impervious surfaces from surface waters
- Decentralizing treatment to eliminate the need for dedicating expensive real estate to stormwater ponds
- Low maintenance stormwater infiltration strategies
- Eliminating ice and surface water using porous pavement
- Reducing need for salt and sand while improving safety
- Eliminating standing water to reduce mosquito populations
- Reducing phosphorus in runoff to lakes
- Reducing stormwater utility fee



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Offices nationwide

800 648 4202    sewall.com    info@sewall.com

Contact Steve Kahl at 207-827-4456; [steve.kahl@sewall.com](mailto:steve.kahl@sewall.com); to discuss innovative, cost-effective stormwater options for your needs.