



South Burlington Stormwater Utility



The existing Winding Brook detention pond was filled in with sediment and overgrown with vegetation.



Photo of the Winding Brook shortly after reconstruction. The size of the pond was increased to provide detention of large volumes of stormwater runoff.

Winding Brook Stormwater Pond

Problem:	The existing stormwater treatment pond at Winding Brook was undersized and in a state of disrepair. It had become overgrown with vegetation. In addition, the pond did not meet current stormwater treatment standards established by the State of Vermont.
Description:	In 2009, residents in the Winding Brook condominiums worked with the South Burlington Stormwater Utility to upgrade the neighborhood's existing stormwater detention pond. The pond was redesigned so that it would provide treatment and detention of stormwater runoff.
Benefit:	Sediment and other pollutants are removed from stormwater runoff leaving the Winding Brook neighborhood. In addition, the stormwater runoff is detained and slowly released to prevent erosion of streambanks and reduce the risk of downstream flooding.
Project Timeline:	2009
Best Management Practices:	Stormwater detention pond
Total Project Value:	~\$128,000
Funding Sources:	American Reinvestment and Recovery Act (ARRA) funding, Winding Brook Homeowners Association, Stormwater Utility Fund.