



South Burlington Stormwater Utility



Oak Creek Village extended detention micropool during construction. Permanent pool and outlet structure are visible in the foreground. Stone-lined pilot channel visible in background.



View of pond berm shortly after construction.

Oak Creek Village Micropool

Problem:	Stormwater runoff can carry pollutants like sediment, oil, grease, and bacteria to streams. Stormwater runoff from portions of Fox Run Lane and Oak Creek Drive were discharging without treatment and detention to Potash Brook.
Description:	The discharge point for the collected stormwater runoff was on a City owned lot in the neighborhood. City staff worked with nearby property owners to construct the Oak Creek Village Extended Detention Micropool.
Benefit:	The project will reduce the amount of sediment and nutrients flowing to Potash Brook. In addition, the stormwater runoff is detained and slowly released to prevent erosion of streambanks and reduce the risk of downstream flooding.
Project Timeline:	Constructed in 2009
Best Management Practices:	Stormwater detention pond
Total Project Value:	~\$186,000
Funding Sources:	SAFETEA grant funding, Stormwater Utility Fund.