

# SEARING RESIDENCE

Rain Garden



## Pre-Rain Garden Conditions

Rain falling on the roof of the Searing residence was directed by downspouts, unfiltered, onto the property and into Martin Lake, and eventually into the Sunrise River. This excess runoff from impervious surfaces can cause:

- An increased risk of flooding and bank erosion
- An influx of sediments, nutrients and pollutants
- An increase in water temperatures.

## PROJECT SPECS

Date Planted .....	June 2006
Rain Gardens Installed.....	1
Water Treatment Capacity .....	69 ft <sup>3</sup>
Water Detention Capacity .....	154 ft <sup>3</sup>
Homeowner Labor .....	\$975.00
Cost-share Funds Provided .....	\$1,207.53



## After Rain Garden Installation



Rain falling on the roof is directed by downspout onto the lawn and downhill to Martin lake. Increased runoff to the lake can increase water temperature and add unwanted pollution and nutrients.

November 2005

June 2006



The rain gardens can treat up to 69 ft<sup>3</sup> of water, reducing pollution and nutrient input to the River..