

CHURCHICH

Rain Garden



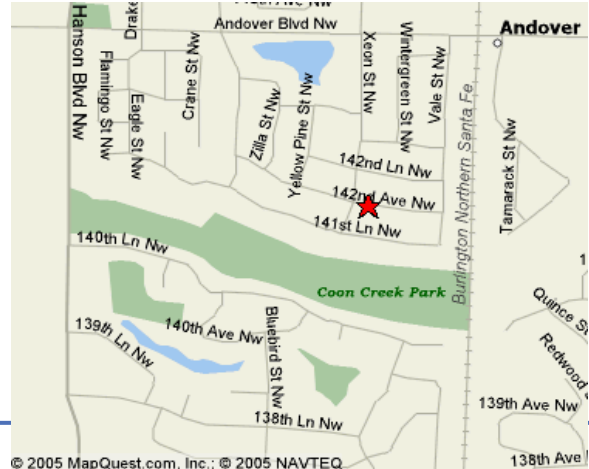
Pre-Rain Garden Conditions

Rain falling on the roof of the home was directed by downspouts, into the street, eventually making its way to Coon Creek. 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



Churchich residence prior to rain garden installation (August 2003)



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The project is located at 1168 142nd Ave in Andover. Please be respectful of private property if looking at the site!

PROJECT SPECS

Date Planted	June 2004
Area Planted	190 ft ²
Rain Garden Capacity	69 ft ³
Watershed Treated	1,231 ft ²
Natives Planted	192
Materials Cost Estimate	\$1,145
Labor Estimate	43 hrs
Cost-share Authorized	



The downspouts outlet into perforated drain tile leading to the new rain garden (August 2004)



ANOKA
CONSERVATION
DISTRICT



Site Prep

The design was outlined on the lawn using marking paint. After the site was laid out a sod-cutter was used to remove the existing turf.

◀ May 2004

Installation

After the removal of the existing lawn, the area was excavated. A trench was made for the retaining wall and the extra soil was placed on the backside for fill. The rain garden was graded and a section of drain tile run underground to the existing downspouts.

June 2004 ▶



Site Monitoring

Planting was completed in July of 2004. The planting received at least 1" of water for the first month after planting. Periodic weeding will be needed for the first several years.

◀ August 2004