Center City – Mobeck Avenue

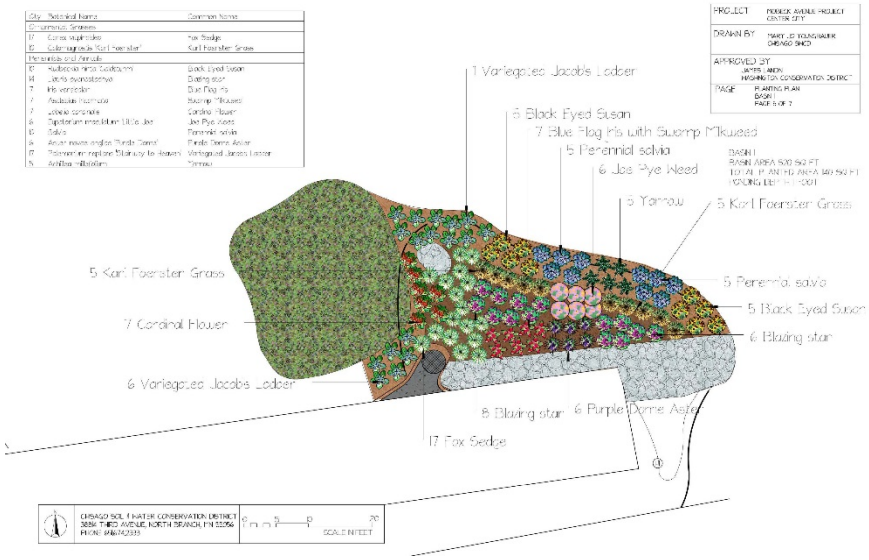
Rain Gardens

The residential area of Center City was identified as a high priority for installing water quality projects because there was no treatment of the runoff water before it reached North and South Center Lakes. Residents of the neighborhood were very enthusiastic and responded quickly when approached about installing water quality projects.

Along Mobeck Avenue, a dead end road that meets County Road 9 and intersects Center Avenue, already had 2 rain gardens. They are located at the intersection of Mobeck Avenue and CR 9, on either side of Mobeck. These gardens were not big enough to handle most of our rainfalls, meaning they would fill up fast and were not able to accept more water. They were getting the "dirtiest" first rush of water, but more treatment in the watershed would be beneficial.

A new rain garden was installed along Center Avenue, near the intersection with Mobeck Avenue, to help reduce some of the volume flowing downhill to the existing rain gardens. On the dead end portion of Mobeck, there is a crest in the road, after which runoff drains down a steep slope into South Center Lake. A large rain garden and a smaller boulevard rain garden were installed to capture the runoff, infiltrate as much as possible, and safely transport the remaining water to the bottom of the hill without causing erosion.

Construction was put on hold when snow fell and the ground froze. The finishing touches and planting will be done in the spring!

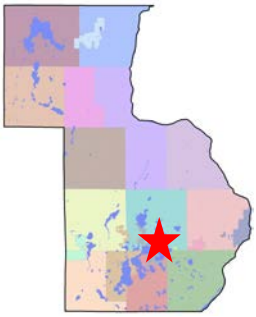


Partners:
Chisago SWCD
Landowners
Chisago Lakes Lake Improvement District

Pollution Reduction:
Total Suspended Solids (TSS): 309 lb/yr
Total Phosphorus (TP): 0.86 lb/yr
Volume: 0.74 acre feet/yr
(MIDS model)

Targeted Water:
South Center Lake
North Center Lake

Completion Date:
Fall 2015

May I Visit?
Yes, these gardens can be seen from the sidewalk or curbside. Please respect private

CLEAN WATER LAND & LEGACY AMENDMENT