



Washington Conservation District Green Marinas



Clean Water Funds: 2012

Clean Water Grant	\$56,175
Leveraged Funds*	\$14,100
Total Project Budget	\$70,275
Leveraged Funds Actual	\$8,227.75
Total Actual	\$39,402.75

* Leveraged Funds include required 25% local match

Project Sponsor:
Washington Conservation District

Grant Period:
January 2012—June 2016

Project Contact:
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C12-229 - Community Partners

Project Narrative

The Washington Conservation District, in collaboration with the Carnelian Marine St. Croix Watershed District, partnered with a marina in Washington County to improve water quality in the Saint Croix River. A large amount of effort has gone in to identifying phosphorous loading and other nutrient sources throughout Washington County.

Installing stormwater retrofit projects at local marinas provides an opportunity to engage the community on water quality improvement. The participating marina installed conservation practices, targeting direct discharge to the St. Croix River. This grant provided funding for technical assistance, consultation and implementation funding to install a raingarden, a grade stabilization, and a shoreline restoration. In addition to the grant, staff provided outreach and education support for stewardship activities involving members of all the marinas in the county.



Proposed Outcomes:

Project Goals: Install a boat washout, shoreline stabilization, stormwater runoff management and work toward TMDL load reductions assigned to the County. The pollutant removal goals for the grant are 10 lbs/yr of phosphorous and 1-2 acres of restored shoreline.

Actual Outcomes:

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One marina named Kiwanis Scout Camp; located in Carnelian Marine St. Croix Watershed District volunteered to work with us on this grant. Their site was large enough to fit three practices; a raingarden was installed and removes 0.57 Lbs. of TP, a shoreline was stabilized and removes 6.8 Lbs. of TP and a gully was stabilized to remove 2 Lbs. of TP. The projects did not meet the goal of 10 Lbs. of TP reduction. The other marinas in the county either declined participation, or the bmp would have been located in the flood plain which would not be a suitable location due to annual flooding.

