



Other Accomplishments

6 dairy nutrient mgmt plans over **1,881** acres
15 resource mgmt plans over **889.5** acres
821 acres waste utilization
7,150 feet fencing over 7 projects
1 fish passage project
16 heavy use areas
327 acres nutrient mgmt
8 waste storage facilities
40 acres pasture and hayland planting
306 acres prescribed grazing
11 roof runoff structures
1,130 feet of underground outlet
63 acres pest mgmt
9 watering facilities
10 composting facilities
736 acres conservation crop rotation
11 acres riparian forest buffer
36 acres use exclusion
5 acres wetland enhancement
225 water quality samples

Partnered with numerous public and private entities/groups to get conservation practices on-the-ground.



2010 Feature Accomplishment

SCD Monitors Qualco Digester Water Quality

Resource Challenge –
The benefits of anaerobic digesters to dairy operations in regards to nutrients are being identified. Washington State University researchers are completing a project to document the differences between digested and un-digested dairy waste. SCD staff were asked to assist with water quality monitoring.

Project Summary and Results –
The Snohomish Conservation District worked with Dr. Joe Harrison, WSU-Puyallup to track the fate of nutrients and pathogens contained in dairy waste through an anaerobic digester. The effort was funded by a USDA Conservation Innovation Grant administered through WSU with the goal of determining the differences between digested and un-digested dairy waste nutrients and pathogens.

In 2009, the SCD staff was tasked with adapting equipment typically used by the sewage treatment industry for use in very low flow, agriculture runoff situations. Test plots were set up to track runoff of digested and un-digested dairy waste using automated samplers. These plots, after testing during rain events, were moved down to the Puyallup research station for more extensive testing.

This project is a continuation of work completed by SCD between 2007 and 2009, tracking water quality in adjacent water bodies before the anaerobic digester was constructed.

Key Project Partners –
WSU Extension, Tulalip Tribe, USDA Conservation Innovative Grant Program, and two Tualco Dairy operations.



WSU Research plot monitoring equipment installed and field-proved by SCD personnel.



SCD District Engineer Paul Smidansky puts the final touches on waste storage bins to help manage manure at a local farm.

Contact Information

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More Work To Do

- The District is partnering with a multitude of jurisdictions for assistance in implementation of their NPDES & TMDL requirements. This has allowed us to become actively engaged in the development of a low impact development and urban assistance program!
- Annual livestock inventories within the Stillaguamish Clean Water District have allowed us to evaluate high priority needs in various watersheds to implement BMPs.
- SCD has secured assessments in both Snohomish and Island Counties and is actively developing new programs to meet needs not previously met. SCD looks forward to being located on Camano Island in 2010.
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