

# Snohomish Conservation District

*working together for better ground since 1941*



## **FY2018 (7/1/2017-6/30/2018) Annual Work Plan**

**For More Information Contact: Monte Marti, 425-377-7001, [monte@snohomishcd.org](mailto:monte@snohomishcd.org)**

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### **Mission of the SNOHOMISH Conservation District**

- Snohomish Conservation District's mission is to work cooperatively with others to promote and encourage conservation and responsible use of natural resources.
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### **Natural Resource Priorities**

- To assist landowners and land managers (regardless of parcel size) in the consistent implementation of management practices that address:
    - Water quality and quantity resource concerns
    - Soil health resource concerns (e.g., compaction and infiltration)
    - Maintenance and restoration of natural habitats
  - To partner with a diverse set of landowners/managers, tribes, groups, and agencies that value the complexity of our heritage and natural resources, and that strive to work together to address common goals and desired outcomes
  - To educate the public in the importance of a local and domestic food supply that is safe, and the importance of maintaining health and productive natural resources
  - To support an agricultural industry that is profitable and viable, and is a good steward of the natural resources that it controls
  - To recognize comprehensive natural resource management plans as important tools to address the complex resource management issues faced throughout the District
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### Program Areas:

#### Natural Resource Programs

- Farm Planning and Rural Resource Management
- Community Conservation (residential/urban conservation)
- Habitat Conservation

#### District Programs

- Outreach and Education
- District Operations



## **FY2018 (7/1/2017-6/30/2018) Annual Work Plan**

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Natural Resource Priority Program Area: **Farm Planning and Rural Resource Management**

Goal(s):

- Implementation of agricultural BMPs to promote clean water and healthy soils.
- Support efforts to reduce the amount of farmland being converted to other uses in Snohomish County and on Camano Island.
- Help agricultural producers to be viable in Snohomish County and on Camano Island.
- Educate urban, suburban and rural residents (including youth) in Snohomish County and on Camano Island on the importance of local agriculture, and the value of farmland preservation.

Natural Resource Measurable Result Objective:

- Reduce nutrient and pathogen inputs in water bodies and support the implementation of water quality and other resource specific plans

Programmatic Measurable Result Objective:

- Work with, provide technical assistance to, develop farm plans for, and follow-up with 750 landowners and implement 300 BMPs

Funding Source(s):

- Dept. of Ecology, Assessments, Stillaguamish Clean Water District, Conservation Commission, NOAA, NRCS

Activities for FY2018	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Continue to focus work in high priority areas to target specific natural resource concerns and build community. <ul style="list-style-type: none"> <li>➤ Stillaguamish RCPP – promote agricultural BMPs and fish passage projects</li> <li>➤ Snohomish/Skykomish/Woods Creek RCPP – promote agricultural BMPs and fish passage projects</li> <li>➤ Stillaguamish Confluence Area – promote riparian easements</li> <li>➤ Pilchuck River – promote riparian easements</li> <li>➤ French Creek – promote riparian restoration and easements</li> <li>➤ Livingston Bay watershed – promote agricultural BMPs</li> </ul>	June 2018	Natural Resource Program Manager	222	\$150,000	\$73,000 Project Costs

Natural Resource Priority Program Area: **Farm Planning and Rural Resource Management**

<p>Continue development of an Agriculture Resilience Plan that provides a prioritized list of agricultural viability projects and farmland protection focus areas.</p> <ul style="list-style-type: none"> <li>➤ Complete flood modeling for Stillaguamish and Snohomish Rivers under various climate scenarios.</li> <li>➤ Secure funding for additional groundwater, land subsidence, and crop impacts modeling.</li> <li>➤ Solicit input from agricultural community and educate on tools available for risk management.</li> </ul>	June 2018	Natural Resource Program Manager	116	\$75,000	\$35,000 Project Costs
<p>On an ongoing basis, promote natural resource program, projects, and goals through press releases, fair participation, website content (BetterGround.org and Snohomishcd.org) and articles in Nexus and in local papers/magazines.</p>	June 2018	Natural Resource Program Manager	101	\$35,000	
<p>Continue to grow community building efforts to include signs, stewardship plans, branding, communicating goals, and better approaches for reaching people.</p>	June 2018	Natural Resource Program Manager	43	\$15,000	
<p>Provide consistent and timely technical assistance to landowners through variety of products: Site Visits, Technical Assistance Letters and/or BMP Implementation Plans, Farm Conservation Plans, Restoration Plans</p>	June 2018	Natural Resource Program Manager	303	\$105,000	
<p>Promote proper soil management practices: cover cropping, conservation tillage, composting, and nutrient management. Continue soil testing program.</p>	June 2018	Natural Resource Program Manager	20	\$7,000	
<p>Continue and expand manure and nutrient management efforts.</p> <ul style="list-style-type: none"> <li>➤ Continue implementation of the Stillaguamish advanced dairy distiller project.</li> <li>➤ Continue to provide manure spreader to producers.</li> <li>➤ Promote ARM to livestock owners.</li> <li>➤ Complete implementation of several Commission funded Shellfish and Non-Shellfish projects.</li> </ul>	June 2018	Natural Resource Program Manager	260	\$540,000	\$450,000 Project Costs
<p>Continue to promote Sound Horsekeeping program.</p>	June 2018	Natural Resource Program Manager	72	\$25,000	
<p>Continue to build our presence in the dairy community.</p> <ul style="list-style-type: none"> <li>➤ Promote cost-share funding sources from NRCS and the Commission to implement manure and nutrient management BMPs.</li> <li>➤ Provide dairy nutrient management plans and updates</li> </ul>	June 2018	Natural Resource Program Manager	87	\$230,000	\$200,000 Project Costs
<p>Respond to water quality referrals from DOE and Counties by providing technical assistance and cost-share to landowners.</p>	June 2018	Natural Resource Program Manager	40	\$14,000	

Natural Resource Priority Program Area: **Farm Planning and Rural Resource Management**

Work with other Puget Sound conservation districts to explore, develop, and implement effective and efficient multi-county programs, products, and efficiencies.	June 2018	Natural Resource Program Manager	58	\$20,000	
Work with Snohomish County on development of a Young Farmers Coalition	January 2018	Program Manager – District Operations	29	\$10,000	
Work with ag producers to explore on-farm resource recycling systems such as rainwater harvesting, plastic recycling and composting.	June 2018	Program Manager – District Operations	72	\$25,000	
Work with WSU, Snohomish County Growers Alliance and other partners on infrastructure needs and opportunities for ag communities.	June 2018	Program Manager – District Operations	72	\$25,000	
Continue to work with WSU to support Cultivating Success and Business Entrepreneurships programs.	June 2018	Program Manager – District Operations	29	\$10,000	
Evaluate program effectiveness and develop work plans that are consistent with the 5-Year plan and input from the Citizen Advisory Committee. Produce quarterly and annual report of accomplishments.	June 2018	Natural Resource Program Manager	29	\$10,000	
		<b>Total</b>	<b>1553</b>	<b>\$1,296,000</b>	<b>\$758,000 Project Costs</b>



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Natural Resource Priority Program Area: **Community Conservation (residential/urban conservation)**

Goal(s):

- Provide technical services to urban and suburban landowners.
- Support cities in natural resource conservation efforts and in the implementation of their National Pollution Discharge Elimination System (NPDES) permits.
- Develop partnerships with private organizations and public entities to meet the needs of residents .

Natural Resource Result Objective:

- Stormwater runoff and non-point source pollution will be reduced.

Programmatic Measurable Result Objective:

- 300 landowners will be assisted and 100 practices will be implemented

Funding Source(s):

- Assessment, Department of Ecology, Conservation Commission, interlocal agreements with cities

Activities for FY2018	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Participate in and facilitate high-level dialogue on stormwater initiatives with Puget Sound partners, Local Integrating Organization (LIO), Department of Ecology, external funders, and jurisdictions.	June 2018	Community Conservation/ Outreach Program Mgr	130	\$45,000	
Provide leadership within the PSCD Caucus Regional Stormwater Action Team, with at least one implementation project located in a target watershed within another district.	June 2018	Community Conservation/ Outreach Program Mgr	20	\$10,000	\$3,000 Project Costs
Collaborate with partners to provide informational and technical workshops, tours, and publications for low impact development (LID), natural yard care, urban agriculture, shoreline living, and others.	June 2018	Community Conservation/ Outreach Program Mgr	101	\$35,000	
Provide technical and financial stormwater assistance to cities and to urban residents, with a focus on clustered or neighborhood-scale projects in key watersheds. Plan and implement at least 3 replicable demonstration projects.	June 2018	Community Conservation/ Outreach Program Mgr	578	\$340,200	\$140,200 Project Costs

District Program Area: **Community Conservation (residential/urban conservation)**

Explore how existing programming can incorporate urban climate change resiliency. Continue to distribute rain barrels through 3 annual sales (goal of 400 barrels)	June 2018	Community Conservation Mgr	29	\$30,000	\$20,000
Work with the private sector through green business partnerships, contractor training, and installations. Explore technical assistance and engagement strategies for commercial properties and partners.	June 2018	Community Conservation/ Outreach Program Mgr	29	\$10,000	
Educate urban sector on the value of agriculture, protection of agricultural lands, and local food production	June 2018	Program Manager – District Operations	87	\$30,000	
Monitor the effectiveness of projects and services. Follow up accordingly with past cooperators. Evaluate program effectiveness and develop work plans that are consistent with the 5-Year plan and input from the Citizen Advisory Committee. Produce quarterly and annual report of accomplishments.	June 2018	Community Conservation/ Outreach Program Mgr	38	\$13,000	
		<b>Total</b>	<b>1012</b>	<b>\$513,200</b>	<b>\$163,200 Project Costs</b>



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Natural Resource Priority Program Area: **Habitat Conservation**

Goal(s):

- Water temperature reduction and improved salmon habitat in target watersheds
- Increase landscape's ability to be resilience to climate change through planting of riparian forests
- Improve partnerships and increase capacity

Natural Resource Measurable Result Objective:

- Decrease water temperature as a result of planting (will be realized in the long-term) in Stillaguamish Confluence area, Pilchuck River, Woods Creek and French Creek. Improved in-stream habitat for salmon in high priority reaches.

Programmatic Measurable Result Objective:

- 60 acres of riparian forest will be planted, 2000 feet exclusion fencing, 150 site visits

Funding Source(s):

- CREP, Dept. of Ecology, Assessment, Stillaguamish Clean Water District, Conservation Commission, Plant Sale, US Fish and Wildlife, NOAA, RCO, EPA

Activities for FY2018	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Continue to focus work in high priority areas to target specific natural resource concerns and build community. <ul style="list-style-type: none"> <li>➤ Stillaguamish Confluence area – promote riparian restoration and easements</li> <li>➤ Pilchuck River – promote riparian restoration and easements</li> <li>➤ French Creek – promote riparian restoration and easements, and restore Monroe wetland</li> </ul>	June 2018	Natural Resource Program Manager	289	\$250,000	\$150,000 Project Costs
Launch and promote a Living with Beavers program to provide technical assistance and cost-share for non-lethal beaver management solutions for landowners.	June 2018	Natural Resource Program Manager	43	\$25,000	\$10,000 Project Costs
Continue to provide technical assistance and cost-share where available to communities with NGPAs.	June 2018	Natural Resource Program Manager	20	\$7,000	

District Program Area: **Habitat Conservation**

Plant 60 acres riparian forest through CREP and grants.	June 2018	Natural Resource Program Manager	235	\$300,000	\$218,500 Project Costs
Maintain full-time crew. Build crew training program to provide diverse opportunities.	June 2018	Natural Resource Program Manager	43	\$15,000	
Continue to develop and implement in-stream salmon habitat projects. <ul style="list-style-type: none"> <li>➤ Kristoferson crossing – Complete construction</li> <li>➤ Woods Creek – Complete design and permitting for 2 barriers</li> <li>➤ Identify future stream crossing replacement opportunities</li> </ul>	June 2018	Natural Resource Program Manager	202	\$413,300	\$343,300 Project Costs
Continue to maintain relationship with County for management of nursery.	June 2018	Natural Resource Program Manager	14	\$20,000	\$15,000 Project Costs
Continue to grow and improve Plant Sale, including outreach opportunities available on sale day.	March 2018	Program Integration Manager	72	\$140,000	\$85,000 Project Costs
Participate in salmon recovery planning, TMDL development, Puget Sound Partnership, Sustainable Lands Strategy and other natural resource conservation planning efforts. Develop and chair sub-basin working groups in priority watersheds.	June 2018	Natural Resource Program Manager	43	\$15,000	
Pursue partnerships and funding opportunities that drive toward net benefits to habitat, agriculture, and other natural resources. Partner with other Puget Sound conservation districts to efficiently deliver programs. Work with the Local Integrating Organization (LIO), Puget Sound Natural Resource Alliance, NEP leads, WACD, Commission, Puget Sound Partnership, SLS, and others.	June 2018	Natural Resource Program Manager	29	\$10,000	
Evaluate program effectiveness and develop work plans that are consistent with the 5-Year plan and input from the Citizen Advisory Committee. Produce quarterly and annual report of accomplishments.	June 2018	Natural Resource Program Manager	29	\$10,000	
		<b>Total</b>	<b>1106</b>	<b>\$1,245,300</b>	<b>\$821,800 Project Costs</b>



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District Program Area: **Outreach and Education**

Goal(s):

- Increase recognition of Snohomish CD, Puget Sound CDs, and state CDs through Better Ground campaign.
- Increase environmental awareness in target watersheds
- Increase youth education participation and service learning opportunities, especially for underrepresented audiences
- Increase stewardship actions of adults through educational resources.
- Continue to engage new audiences through social media, newsletters, and web content.

Programmatic Measurable Result Objective:

- Adult education will be provided through 30 events and will reach 1200 people; youth education will achieve serve at least 13,000. Web and social media activity will double.

Funding Source(s):

- CREP, Dept. of Ecology, Assessment, Stillaguamish Clean Water District, Conservation Commission, Plant Sale, City ILAs

Activities for FY2018	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Work with local and regional partners to provide information on natural resource conservation topics specific to Camano Island, the Stillaguamish, Snohomish and the Puget Sound region.	June 2018	Community Conservation/ Outreach Program Mgr	130	\$45,000	
Develop an agriculture engagement strategy, in concert with other initiatives like the Agriculture Resilience Plan, partnering with Snohomish County on Ag Strategy, Floodplains by Design, RCPP and Lawns to Lettuce.	June 2018	Community Conservation/ Outreach Program Mgr	202	\$70,000	
Support, through staff time and/or sponsorships, the Country Living Expo, Focus on Farming and other natural resource focused public engagement events	June 2018	Community Conservation/ Outreach Program Mgr	65	\$30,000	\$7,500 Project Costs
Develop and implement the Better Ground campaign and website, and serve as project facilitator to PSCD and WSCC. Compile, create and share high-quality resources at the regional level.	June 2018	Community Conservation/ Outreach Program Mgr	130	\$80,000	\$35,000 Project Costs

District Program Area: **Outreach and Education**

Maintain bi-annual print Nexus, monthly e-news, and social media efforts. Double online interactions.	June 2018	Community Conservation/ Outreach Program Mgr	150	\$90,000	\$38,000 Project Costs
Develop a comprehensive, 5-year communications strategy.	June 2018	Community Conservation/ Outreach Program Mgr	43	\$15,000	
Strengthen environmental education opportunities with WSU Extension programs (e.g., 4-H, Master Gardeners, Lawns to Lettuce, Beach Watchers), the Wildlife Habitat Stewardship programs (Snohomish and Island counties), Snohomish County, Tribes, and other groups.	June 2018	Community Conservation/ Outreach Program Mgr	43	\$15,000	
Serve as triage for cooperator intake, documentation in database, and follow-up with respective technicians and partners.	June 2018	Community Conservation/ Outreach Program Mgr	72	\$25,000	
Prepare and submit at least 45 articles and/or public service announcements about district programs to area newspapers. Engage new publications like regional magazines, HOA	June 2018	Community Conservation/ Outreach Program Mgr	58	\$20,000	
Implement a k-12 <b>youth education program</b> that focuses on watersheds and water quality. Provide technical assistance and LID implementation to schools. Initiate an agricultural education program. Sponsor Wheat Week and Ag in the Classroom in Snohomish County.	June 2018	Community Conservation/ Outreach Program Mgr	173	\$75,000	\$15,000 Project Costs
Implement an <b>adult education program</b> that uses a wide spectrum of outreach/engagement strategies. Develop flagship events including Better Ground Showcase, Plant Sale, Rain Barrel Truck Sales, etc.	June 2018	Community Conservation/ Outreach Program Mgr	159	\$65,000	\$10,000 Project Costs
Produce a quarterly and annual report of accomplishments. Develop high-level material for legislators, other agencies, and support to WSCC as needed.	June 2018	Community Conservation/ Outreach Program Mgr	20	\$10,000	\$3,000 Project Costs
Evaluation: Continually monitor program effectiveness and adaptively manage programs.	June 2018	Community Conservation/	29	\$10,000	
		<b>Total</b>	<b>1274</b>	<b>\$550,000</b>	<b>\$108,500 Project Costs</b>

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District Program Area: District Operations

Goal(s):

- Manage the financial resources entrusted to the District effectively and efficiently
- Meet all financial and legal requirements
- Fully engage the public and other entities in District programs
- Maintain a professional office environment and working conditions

Programmatic Measurable Result Objective:

- Maintain “district in good standard”
- Complete all audit and financial reporting on-time
- No lost time due to on-the-job injuries

Funding Source(s):

- CREP, Dept. of Ecology, Assessment, Stillaguamish Clean Water District, Conservation Commission, Plant Sale, National Fish and Wildlife Foundation, NOAA, Interlocal agreements with cities

Activities for FY2018	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Manage financial, legal, and operational requirements.	June 2018	District Mgr	404	\$140,000	
Facilitate public and other entity engagement.	June 2018	District Mgr	144	\$50,000	
Administer public records requests, policies, and audits.	June 2018	District Mgr	101	\$35,000	
Snohomish County Treasurer Fee	June 2018	District Mgr		\$90,000	\$90,000 Project Costs
Manage facilities, operation and maintenance, and technology requirements.	June 2018	District Mgr	29	\$190,000	\$180,000 Operating Costs/Leases
		<b>Total</b>	<b>678</b>	<b>\$505,000</b>	<b>\$270,000 Project Costs</b>

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STILLAGUAMISH CLEAN WATER DISTRICT FUNDS	\$210,000	
TOTAL SNOHOMISH COUNTY ASSESSMENT FUNDS	\$1,100,000	
TOTAL CAMANO ISLAND ASSESSMENT FUNDS	\$68,000	
TOTAL COMMISSION FUNDS	\$889,950	
TOTAL OTHER FUNDS	\$1,801,550	
<b>TOTAL FY2018 FUNDING (ALL SOURCES)</b>		<b>\$4,069,500</b>