



Clallam Conservation District 2022 Annual Accomplishments Report

For More Information Visit Our Web Site at www.clallamcd.org or
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Mission of the Clallam Conservation District:

The Clallam Conservation District promotes protection, sustainability, and enhancement of natural resources by providing information, technical expertise, and financial assistance, when possible, for all natural resource challenges to all people in Clallam County.

Long-Range Conservation Goals:

Abundant, Healthy water Quality

1. Reduce Consumptive Use of Water
2. Improve and Protect Water Quality
3. Reduce Stormwater and Flooding Impacts

Protected & Restored Habitat

1. Enhance and Restore Fish and Wildlife Habitat

Healthy Soil

1. Conserve Forestland
2. Conserve Farmland

Outreach & Education

1. Instill a Conservation Ethic
2. Keep Key Decision-Makers Informed

District Operations

1. Secure Adequate Funding
2. Employ Qualified Staff
3. Maintain Effective and Efficient Operations
4. Collaborate with Other Organizations

Projected Revenue: \$1,297,105.99
 Projected Expenditures: \$1,076,145.86

Actual Revenue: \$742,973
 Actual Expenditures: \$713,164

Board of Supervisors:

Christy Cox – Chair
Ben Smith – Vice-Chair
Lori DeLorm – Auditor
Nicole Rasmussen– Member
Robert Beebe–Member (10/01/22-present)
Carolyn Wilcox-Member(1/01/22-7/20/22)

Staff: 4 FTE's

Kim Williams – District Manager (Full time)
Meghan Adamire – Conservation Planner (3/4-time)
Jennifer Coyle-Bond – Conservation Planner (1/2-time)
Judy Minnoch – Bookkeeper/Admin Assistant (3/4-time)
Kevin Merrigan- Salmon Riparian Field Technician (Full time, started 10/1/22)



Sustainable, Clean Water

1. Conserve and Enhance Water Supplies for All Beneficial Uses of Humans and Wildlife
2. Improve and Protect Water Quality

Funding Sources: Irrigation Efficiencies (IE), Implementation (IM), Livestock Water Quality (LT), Ecology Well Metering Pilot (WM), Engineering Cluster (PE), County PIC (PIC), County OSS Cost-Share (OSS), Clallam County General Funds (CGF)

Reduce Water Use Activities	Staff Lead(s)	Activity Status
<p>Complete at least one irrigation ditch piping project to improve conveyance efficiency and thus reduce irrigation water diversions from the Dungeness River.</p> <ul style="list-style-type: none"> ➤ Agnew Irrigation District, Barr Rd. lateral construction ➤ Sequim Prairie-Tri Irrigation Assoc. Eureka Main project ➤ SPTIA Eureka/Independent piping project, Phase1 and Phase 2 ➤ SPTIA/DID Diversion improvement project ➤ Highland Irrigation District System Improvement and upgrades planning/implementation ➤ Collaboration with County for Engineering and Design to support Off Channel Reservoir projects 	Kim/Joe	<ul style="list-style-type: none"> ✓ Independent-Eureka phase I complete. 1,300 feet irrigation pipeline installed and .25 cfs saved. ✓ Barr rd. on hold, construction start spring 2023
<p>Collaborate on Dungeness Off-Channel Reservoir design and construction.</p> <ul style="list-style-type: none"> ➤ Collaboration and MOU with county, Technical and Financial assistance ➤ Land acquired for reservoir ➤ Final reservoir design approved ➤ Funding secured for construction 	Kim/Joe	<ul style="list-style-type: none"> ✓ 3 LOS provided for county grant proposals ✓ Reservoir Design at 30% complete. ✓ Interlocal agreement signed ✓ Cultural Resources complete ✓ Support funding for design, engineering and Cultural resources secured ✓ Participated in Dungeness Off Channel Reservoir Open House with 220 participants
<p>Dungeness Pilot Well Metering Program.</p> <ul style="list-style-type: none"> ➤ Distribute 24 meters 	Judy/Kim	<ul style="list-style-type: none"> ✓ 39 meters distributed, 16 reading in Water Scope
<p>Assist at least one farm operator with irrigation water management to conserve water.</p>	Jen/ Meghan Kim	<ul style="list-style-type: none"> ✓ Technical assistance provided to 3 property owners on irrigation water management
<p>Promote rainwater harvesting countywide.</p>		<ul style="list-style-type: none"> ✓ Promoted rainwater harvesting in Native Plant Landscaping courses



Improve & Protect Water Quality	Staff Lead(s)	Activity Status
<p>Provide partnership and support for implementing pollution identification and correction (PIC) projects including financial assistance for repair/replacement of failing onsite septic systems.</p> <p>Measures of Success: Goal: 8 systems repaired or replaced</p> <ul style="list-style-type: none"> ➤ Number of OSS installation projects ➤ Number of PIC referrals ➤ Continued implementation of targeted PIC clean-up projects 	Jennifer	<p>OSS repairs completed for:</p> <ul style="list-style-type: none"> ✓ D. Hicks (20 Sea Lawn Dr.) ✓ J. Gish (40 West Palmer St.) ✓ Provided program information to 7 homeowners
<p>Assist at least 8 horse and livestock owners with planning and implementation of practices that improve or protect water quality.</p> <p>Measures of Success:</p> <ul style="list-style-type: none"> ➤ Number of horse and livestock owners receiving water quality related technical assistance annually (each counted only once). ➤ Number of conservation plans prepared annually that address water quality. ➤ Number and type of practices implemented annually. 	Meghan, Jennifer	<p>10 Best Management Practices Implemented on 9 Farms</p> <ul style="list-style-type: none"> ✓ 4 Heavy Use Area Protection ✓ 1 Waste Storage Structure ✓ 1 Irrigation Monitoring Project ✓ 1 Waste Transfer Improvement ✓ 1 Alternative Stock Watering System ✓ 1 Irrigation Pipeline & System Upgrade ✓ 1 Underground Outlet (roof) <p>3 conservation plans completed and 3 plans in progress</p> <p>Information/technical assistance provided countywide to:</p> <ul style="list-style-type: none"> ✓ 52 horse and livestock farms ✓ 6 non-livestock farms
<p>Education and outreach to horse and livestock owners on best management practices that protect/improve water quality.</p> <p>Measures of Success:</p> <ul style="list-style-type: none"> ➤ Conduct at least <u>three</u> workshops/farm tours ➤ Publish 12 newsletter articles ➤ Promote good land and water stewardship through presentations, booths, and displays at a variety of horse and livestock groups. 	Meghan, Jennifer	<p>5 Farm tours/webinars completed (52 in-person participants, 45 viewed webinar recordings)</p> <p>1 display booth at Clallam County Fair showcasing programs, services, and horse and livestock best management practices.</p>
<p>Publish 12 articles on horse and livestock management addressing surface water quality protection and improvement.</p>	Meghan, Jennifer	<p>12 Newsletter Articles completed promoting BMPs for surface water quality protection</p>
<p>Provide soil testing assistance and test results and interpretations to foster proper nutrient management.</p>	Meghan, Jennifer	<p>16 Soil tests completed on 9 farms</p>
<p>Expand technical assistance and other water quality improvement and protection services to underserved areas of the county.</p> <ul style="list-style-type: none"> ➤ Assist USFS with forest road improvements to control sediment entering waterways. 	Meghan	<p>Final designs completed for Sitkum 2900 Road Crossings (Forest Service)</p>



Protect & Restore Fish and Wildlife Habitat

1. Enhance and Restore Fish and Wildlife Habitat

Funding Sources: Implementation grant (IM), CREP, Sitkum 1 (S1), Sitkum 2 (S2), Clallam County General Funds (CGF), Shellfish (SH), Salmon Recovery (SRF)

Enhance & Restore Habitat Activities	Staff Lead(s)	Activity
<p>Restore ecological function to at least 0.5 miles of stream buffers by providing technical and financial assistance to landowners.</p> <ul style="list-style-type: none"> ➤ Implementation of Conservation Reserve Enhancement Program (CREP) <ul style="list-style-type: none"> • CREP planting on Quillayute River • Maintenance of 11 current CREP riparian plantings • Promotion of the program to gain new enrollments ➤ Coordinate county-wide volunteer riparian restoration projects in partnership with JSKT, LEKT, Quileute Tribe and NOSC. Partner with NOSC to promote landowner riparian restoration funding opportunities in the Dungeness watershed and WRIA 19. 	<p>Meghan, Kevin</p>	<p>Ecological function restored to 2.37 miles of stream buffer</p> <ul style="list-style-type: none"> ✓ 1.45 miles of buffer planted ✓ 0.92 miles of buffer protected <p>CREP</p> <ul style="list-style-type: none"> ✓ 1 CREP planting <ul style="list-style-type: none"> ○ 0.32 miles of buffer ✓ 2 CREP re-enrollments <ul style="list-style-type: none"> ○ 0.92 miles of buffer ✓ Maintenance on 10 CREP projects <p>0.8 stream buffer miles planted during 5 volunteer planting events</p> <ul style="list-style-type: none"> ✓ Elwha River – 0.5 mi ✓ Little River – 0.2 mi ✓ Quillayute River – 0.1 mi <p>Buffers for Salmon</p> <ul style="list-style-type: none"> ✓ Hired program technician ✓ Promotion of the program in newsletter and social media, and creation of flyer. ✓ Planting planned in 2023 <ul style="list-style-type: none"> ○ Hermison Creek ○ Pysht River ○ Quillayute River
<p>Support efforts to restore Dungeness floodplain (lower 3 miles).</p> <ul style="list-style-type: none"> ➤ Help coordinate and fund Rivers Edge Revegetation project with JSKT. 	<p>Meghan, Kevin, Kim</p>	<p>River's Edge Riparian Planting Project</p> <ul style="list-style-type: none"> ✓ Planted 7,500 trees/shrubs ✓ .33 mi or 1,760 lineal feet of riparian buffer planted ✓ Funding secured for 22/23 phase II ✓ Coordinated 5 volunteer events in partnership with NOSC ✓ Managed WCC crew planting
<p>Address habitat impacts from forest roads.</p> <ul style="list-style-type: none"> ➤ Correct at least 1 forest road barrier to fish passage. ➤ Manage SRFB USFS Sitkum Road 2900 Culvert Design grant 	<p>Meghan</p>	<ul style="list-style-type: none"> ✓ Planning with the Quileute Tribe for correction of 2 forest road fish passage barriers on Hermison Creek. ✓ Final designs completed for Sitkum 2900 Road Crossings.
<p>Other habitat technical assistance.</p>	<p>Meghan, Kevin, Kim</p>	<p>Information/technical assistance provided to 31 individuals countywide on topics such as sustainable landscaping, habitat, forestry, drainage, soils, etc.</p> <p>Indian Creek Clean-Up</p> <ul style="list-style-type: none"> ✓ Volunteers removed 1,000 pounds of in-stream debris during one event. <p>Projects with CCNW</p> <ul style="list-style-type: none"> ✓ Volunteers planted 2,000 native plants and provided watering/maintenance on 500 plants to increase habitat for pollinator species. <p>Projects with LEKT</p> <ul style="list-style-type: none"> ✓ Volunteers planted 3,100 beach plants at Ediz Hook in Port Angeles ✓ Volunteers helped with installation and removal of fence weir smolt traps on Deep Creek, Salt Creek, Tumwater Creek and West Twin River.



Healthy Soil

- 1. Conserve Farmland
- 2. Conserve Forestland

Funding Sources: Implementation grant (IM), CREP, Clallam County (CGF)

Farmland Conservation Activities	Staff Lead(s)	Partners	Activity
<p>Support efforts to purchase development rights on prime farmland.</p> <ul style="list-style-type: none"> ➤ Participate on Conservation Futures Committee ➤ Provide technical assistance to North Olympic Land Trust (NOLT). <p>Provide information and technical assistance that supports small acreage food production.</p> <ul style="list-style-type: none"> ➤ Soil testing ➤ Collaborate with WSU and others on farm-related outreach & education. <p>Support buy-local programs.</p> <p>Promote efforts to control noxious weeds.</p> <ul style="list-style-type: none"> ➤ Collaborate with Clallam County Noxious Weeds to provide education on noxious weeds through social media posts, newsletter articles and partnering on County-wide workshops. 	<p>Kim Jennifer</p> <p>Meghan Jennifer</p> <p>Staff</p> <p>Meghan</p>	<p>NOLT</p> <p>WSU</p> <p>Clallam County Noxious Weeds</p>	<ul style="list-style-type: none"> ✓ Participation with Conservation Futures and AgWorks groups. ✓ Technical and conservation planning assistance to NOLT. ✓ Coordination with North Olympic Development Council for ag equipment leasing program. ✓ 39 soil tests related to food production completed for 28 properties. ✓ 1 webinar on Soil Fertility for Master Gardeners Digging Deeper series (67 attendees) ✓ Installation of 2 AgWeather Net Stations and planning for 3 additional stations. ✓ Promotion of WSU programs through monthly newsletter and Facebook. ✓ 12 social media posts and 8 newsletter articles on noxious weeds management. ✓ 1 farm tour on weed management on farms.
Forestland Conservation Activities	Staff Lead(s)	Partners	Activity
<p>Support efforts to purchase development rights on forestland.</p> <ul style="list-style-type: none"> ➤ Provide technical assistance to Land Trust <p>Promote and assist with forest stewardship planning.</p> <ul style="list-style-type: none"> ➤ Promote WSU Extension Forestry, DNR, and NRCS forestland assistance programs and events through social media posts, newsletter articles and partnering on workshops as applicable. <p>Assist with next-generation forestland management.</p> <p>Promote efforts to control noxious weeds.</p> <ul style="list-style-type: none"> ➤ Collaborate with Clallam County Noxious Weeds to provide education on noxious weeds in forestlands through social media posts, newsletter articles and partnering County-wide workshops. <p>Promote wildfire prevention efforts.</p> <ul style="list-style-type: none"> ➤ Newsletter articles and social media posts (3 each) ➤ 1 workshop/webinar on wildlife prevention. 	<p>Meghan, Jennifer</p> <p>Meghan Jennifer</p>	<p>NRCS</p> <p>DNR</p>	<ul style="list-style-type: none"> ✓ Technical assistance provided to NOLT as requested. ✓ Promotion of DNR and NRCS forestland technical and financial assistance, and coordination with DNR for 2023 workshops. • No activity ✓ 12 social media posts and 8 newsletter articles on noxious weeds management. <p>Wildfire Prevention Efforts</p> <ul style="list-style-type: none"> ✓ 2 newsletter articles ✓ Coordination with DNR for 2023 workshops.



Outreach & Education

1. Instill a Conservation Ethic
2. Keep Key Decision-Makers Informed

Funding Sources: Implementation grant (IM), Livestock (LT), Clallam County (CGF), PIC IMP, Salmon Recovery Funds (SRF)

Instill a Conservation Ethic Activities	Staff Lead(s)	Activity
<p>Conservation District residents are good stewards and look to District for information and assistance.</p> <ul style="list-style-type: none"> ➤ Keep website up to date and enhance it as a tool for sharing information. ➤ Partner with other Puget Sound CDs on <i>Better Ground</i> website. ➤ Increase quarterly newsletter distribution by 10%. <ul style="list-style-type: none"> • Current distribution = 3,995, 45% electronic ➤ Produce, maintain, and distribute publications and press releases. ➤ Increase general public awareness by participating in community events with booths and displays. <ul style="list-style-type: none"> • Orca Recovery Week • Dungeness RiverFest 	<p>Staff</p> <p>Meghan</p>	<ul style="list-style-type: none"> ✓ Ongoing updates to website ✓ Newsletter distribution increased by 2% to 4,085 with 49% electronic. Electronic newsletter published monthly, printed version twice per year. <p>Total of 15 volunteer habitat projects (doesn't include Orca Recovery events listed below). 175 participants donated 588.5 hours to conduct:</p> <ul style="list-style-type: none"> ✓ 2 planting events on Little River ✓ 1 Indian Creek Clean-Up event ✓ 1 planting event on Ediz Hook ✓ Coordination of volunteers for native pollinator planting events ✓ Coordination of volunteers for native pollinator plant watering ✓ 5 planting/buffer maintenance events on Dungeness River. ✓ 4 events to install/remove fence weir smolt traps on west Port Angeles streams <p>Orca Recovery Events</p> <ul style="list-style-type: none"> ✓ 5 educational events with 221 participants ✓ 5 volunteer events with 90 participants <ul style="list-style-type: none"> ○ 2 planting events on Elwha River ○ 1 planting event at Ediz Hook ○ 1 planting/buffer maintenance event on Quillayute R. ○ 1 buffer maintenance event on Dungeness River • No activity for Dungeness RiverFest – cancelled due to construction activities. • Booth and display at Forever Streamfest.
<p>Residential landscaping provides environmental benefits.</p> <ul style="list-style-type: none"> ➤ Conduct sustainable landscaping educational programs. <ul style="list-style-type: none"> • <i>Natural Landscaping</i> course each spring and fall • <i>Landscaping with Native Plants Field Workshop</i> each spring & fall • Plant sale <i>Landscaping with Native Plants</i> workshops • Presentations on sustainable landscaping at other events ➤ Produce, maintain, and distribute sustainable landscaping information through various media. ➤ Promote sustainable landscaping with community event booths/displays. <p>Conduct annual plant sale.</p>	<p>Kim Jen, Meghan/ Kevin</p> <p>Judy, Meghan, Jen, Kim</p>	<p>4 in-person Native Plant Walks</p> <ul style="list-style-type: none"> ✓ 40 field trip participants <p>6 Native Landscaping webinars (3-part course held in spring and fall)</p> <ul style="list-style-type: none"> ✓ 147 registrants ✓ 496 views of webinar recordings. <p>21 native plant and native plant landscaping articles published in newsletter and on social media</p> <p>Plant Sale</p> <ul style="list-style-type: none"> ✓ 404 orders and 33,800 plants sold
<p>Youth develop appreciation for environment and understand how to conserve renewable natural resources.</p> <ul style="list-style-type: none"> ➤ Support elementary school science education through water and watershed education. ➤ Work with Sequim HS Agricultural Science program to promote local agriculture and teach agricultural conservation planning and practices. ➤ Cultivate relationships with other Clallam County school districts to develop ongoing conservation education programs. 	<p>Jennifer & Meghan</p> <p>Meghan</p>	<ul style="list-style-type: none"> ✓ Career presentation during NOSC planting event on the Dungeness River with Sequim 7th Graders (40 students) ✓ Planting and associated riparian educational presentation with the Quileute Tribal School (44 students) ✓ Donated 50 plants to Port Angeles High School Environmental Science club.



<p>Habitat Restoration to provide environmental benefits and instill conservation ethic.</p> <ul style="list-style-type: none"> ➤ Conduct webinars, workshops, and tours focusing on habitat restoration. <p>Small acreage horse and livestock owners practice good land and water stewardship.</p>		<p>See above for activities completed</p>
<p>Informing Key Decision-Makers Activities</p>	<p>Staff Lead(s)</p>	<p>Activity</p>
<ul style="list-style-type: none"> ➤ Provide legislators, county commissioners, and other key decision-makers with timely and relevant information about District accomplishments and needs. 	<p>Kim, Meghan, Jen, Judy</p>	<ul style="list-style-type: none"> ✓ Presented report of accomplishments to Board of County Commissioners. ✓ Attended Legislative roundtable, prepared informational flyer on CCD habitat metrics



Collaboration Activities	Staff Lead(s)	Activity
<ul style="list-style-type: none">➤ Participate in Puget Sound Conservation District caucus➤ Participate in North Pacific Coast and North Olympic Peninsula salmon recovery lead entities.➤ Participate on Dungeness River Management Team➤ Participate in Puget Sound Partnership local integrating organization.➤ Participate in Clallam Ag-works➤ Participate in Conservation Futures	Kim Meghan, Jen	Regular participation throughout year



CLALLAM CONSERVATION DISTRICT 2022 ACCOMPLISHMENTS 10

Projected Revenues and sources for 2022 include the following:

FUNDING SOURCE	PROJECTED	ACTUAL
General Funds		
Plant Sale, Soil Testing, Course Registrations	\$40,000	\$46,122.53
Interest	\$2,000	\$691.56
Newsletter Sponsors	\$500	\$50.00
General Funds	42,500.00	\$46,864.09
Washington State Conservation Commission		
Implementation Grant (IM)	\$117,823.00	\$159,244.37
Shellfish Grant (SH)	\$31,000.00	\$7,718.79
Irrigation Efficiencies Grant (IE)	\$266,303.00	\$158,313.70
Natural Resource Investments (NRI)	\$39,333.00	\$8,276.87
Livestock Water Quality Grant (LT)	\$10,000	\$16,552.14
Conservation Reserve Enhancement Program (CREP)	\$67,750.00	\$75,595.23
Salmon Recovery Funding SRF		\$13,728.29
Regional Conservation Partnership Program (RCPP)	\$26,853.00	\$0
RCO		\$21,304.32
CCD Share of Engineering Cluster Grant (PE)	\$1,000	\$1,886.32
DOH NTA	\$28,000.00	\$26,714.61
Washington State Conservation Commission total	\$548,729.00	\$489,334.64
Washington Department of Ecology		
Well Metering Pilot (WM)	\$57,544.00	\$15,871.93
Washington Department of Ecology total	\$57,544.00	\$15,871.93
Clallam County		
PIC Project Implementation	\$6,800.00	\$6,006.79
OSS Cost-Share	\$239,200.00	\$23,390.91
County General Funds	\$125,000.00	\$125,000.00
Clallam County total	\$371,000	\$154,397.70
Recreation & Conservation Office Salmon Recovery		
RCO Salmon Recovery total	\$70,000.00	\$21,304.32
Bureau of Reclamation	\$200,000.00	0
TOTAL PROJECTED REVENUE	\$1,289,273.00	\$742,972.94



Projected Expenditures by funding category for 2022 include the following:

EXPENSE CATEGORY & FUND SOURCE	PROJECTED	ACTUAL
SALARIES & BENEFITS	\$324,242	\$342,581.44
GOODS SERVICES AND FINANCIAL ASSISTANCE		
RCO SRFB Sitkum Road Project	\$800.00	0
Plant Sale, Soil Tests, etc.	\$24,000	\$46,442.53
Clallam County	\$222,000.00	0
Washington State Conservation Commission Cost Share programs	\$182,250.00	\$137,577.59
Washington Department of Ecology, Meter reimbursements	\$10,000.00	\$4800.00
Irrigation Contract Services	\$41,866.00	\$38,151.88
TRAVEL, RENT, INSURANCE and OVERHEAD	\$71,768.00	\$48,170.46
Repairs and Maintenance	\$9,000.00	\$2,748.00
State Audits	\$6,500.00	\$6,500.00
TOTAL PROJECTED EXPENDITURES	\$1,211,085	\$713,164.29