



# FY2021 (7/1/20 – 6/30/21) Annual Work Plan Kittitas County Conservation District

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## Mission of the Kittitas County Conservation District

- Provide leadership, technical, educational and financial assistance to landowners and land users in their utilization and management of natural resources.

## Vision of the Kittitas County Conservation District

- The Kittitas County Conservation District is recognized by all private landowners as a source of financial, technical and educational assistance in Kittitas County; and by local, state and federal authorities as the organization of choice to implement on-the-ground stewardship activities.

## Who We Serve & Why

- We serve the citizens of our community (county, state, country) to ensure the long-term use of natural resources in an economically, socially and environmentally sustainable manner using non-regulatory, voluntary approaches.

## Natural Resource Priorities

The KCCD's focus is on creating and maintaining resilient landscapes across Kittitas County. This effort addresses natural resource concerns and priorities detailed below. Most of the KCCD programs work across these resource concerns, as resilient landscapes are not limited to a single resource issue or concern.

### Water Quantity

- Drought resiliency and efficient use of irrigation water is the highest priority in Kittitas County. Nearly all streams are over allocated, creating low flows both to supply irrigation needs and support resident and anadromous fisheries as well as streamside and floodplain vegetation. The [Kittitas Reclamation District](#) (KRD), encompassing 59,000 acres, is prorated during water short years. Cascade Irrigation District, Ellensburg Water Company, Westside Irrigating Company and other smaller water purveyors may have non-proratable rights, but they depend highly on return flows from KRD and so are also significantly impacted in water short seasons. Water use efficiency is a high priority of the USDA Natural Resources Conservation Service ([NRCS](#)) whose [2012 State Resource Assessment](#) ranked "Insufficient Water - Inefficient use of irrigation water" the number one priority in the Central area. The [Irrigation Efficiencies Program](#) has contracted projects impacting more than 2,800 acres of cropland and placing 4,529 acre-feet in the [Washington Trust Water Rights Program](#) in 11 streams across the KCCD since 2002. The Yakima River Basin Integrated Water Resource Management Plan ("Integrated Plan") was developed and is being implemented by [US Bureau of Reclamation](#) and the [Washington State Department of Ecology](#) in conjunction with the Yakama Nation and Yakima River basin stakeholders (including the Kittitas County Conservation District). The Integrated Plan's benefits include "Providing more water for stream flows that fish need to survive" and "Providing greater water supply reliability for farmers and communities." [Trout Unlimited](#) and [Washington Water Trust](#) are working with KCCD and [NRCS](#) to develop projects with water right holders improving on-farm efficiency and/or selling a portion or all of their instream water right.

### Water Quality

- More than 700 miles of streams and rivers flow through forestland, rangeland, irrigated agricultural lands and urban lands in Kittitas County. Water quality is important in these waterways to ensure public health, provide irrigation water, and for salmonids and resident

fish species as well as upland wildlife species. Water quality degradation is a Priority Resource Concern in the [2012 State Resource Assessment](#). The assessment describes both sediment and nutrients in ground water and surface water in crop, forest and other associated agricultural lands. In Kittitas County, the water quality degradation- “excessive sediment” priority involves 63,500 acres and the “excessive nutrients” involves 15,000 acres, within the 63,500 acres. In addition, the Department of Ecology is responsible for several [Water Cleanup Plans \(TMDLs\)](#) addressing chlorine, ammonia-N, BOD (5-day), fecal coliform/bacterial contamination, temperature; organochlorine pesticides, suspended sediments, and turbidity. [WSU Extension Kittitas County](#) is working to provide assistance to producers regarding water quality and livestock management in order to protect and improve water quality by reducing the potential for bacterial contamination. They have produced a [water quality risk assessment tool](#) that explains the relationships among livestock grazing effects, riparian condition, and surface water quality and helps farmers determine the relative risk of negatively affecting water quality. The KCCD and [NRCS](#) are working with irrigated agriculture producers to assist with conversions to more efficient irrigation systems thereby reducing the potential water quality impacts of tailwater on rill irrigated lands. The [Kittitas County Water Purveyors](#) works to monitor water quality in canals and streams across Kittitas County providing important data. [Mid-Columbia Fisheries Enhancement Group](#), [Kittitas Conservation Trust](#), [Kittitas County Flood Control Zone District](#) and the [Yakama Nation](#) are implementing habitat projects that - address water quality as well.

■ **Fish & Wildlife**

- Species that are listed under the federal Endangered Species Act (ESA) or listed by Washington State as threatened or endangered or species of concern are priority resource issues. Mid-Columbia Summer Steelhead, Bull Trout, and Greater Sage Grouse are all listed as threatened species under ESA and by the State. The Gray Wolf is listed as endangered under ESA and by the State. NRCS’s 2012 State Resource Assessment identifies “Inadequate Habitat for Fish and Wildlife” as a priority resource concern in the state, including Kittitas County. The [2009 Yakima Steelhead Recovery Plan](#) was written locally and was formally incorporated into NOAA’s Middle Columbia River Steelhead Recovery Plan (2009). The [Yakima Bull Trout Action Plan](#), September 2012, complements and supports the pending US Fish & Wildlife Service Bull Trout Recovery Plan by providing detailed population information and proposing actions to benefit bull trout in the Yakima basin. The [Yakima Tributary Access & Habitat Program](#) has been working on fish passage and fish screen projects since 2003. KCCD is a founding member of the Core Team and a major project sponsor. Base funding is provided through the [Bonneville Power Administration](#) via the [Washington Resource Conservation and Development Council](#) and matched primarily through the [Salmon Recovery Funding Board](#), [Ecology](#), and local partners. The Yakima Basin Integrated Plan includes the goals of “Protecting over 200,000 acres of currently unprotected forest, shrub steppe, and river habitat” and “Enhancing habitat along the Yakima River and its tributaries” an effort intended to benefit fish and wildlife. In Kittitas County, the 50,000 acre [Teaway Community Forest](#) was purchased by Washington State under the Integrated Plan. [The Nature Conservancy](#) purchased 47,921 acres from Plum Creek representing the Conservancy’s largest land acquisition ever in the state. Significant opportunities are now open on a landscape scale to work with land managers, landowners, and community to address fish and wildlife and forest health. Other KCCD partners also working to address fish recovery goals include the [Yakama Nation](#), [Mid-Columbia Fisheries Enhancement Group](#), [Kittitas Conservation Trust](#), and the [Kittitas County Flood Control Zone District](#). The [South Central Washington Shrub Steppe/Rangeland Partnership](#) is also focusing on Sage Grouse habitat in a 2.7-million-acre landscape that includes eastern and southern Kittitas County.

■ **Soil Quality & Health**

- Soil quality and health impacts agricultural production, particularly in the 90,000 acres of irrigated crop and pastureland in Kittitas County. Soil quality, including nutrients and the prevention of soil erosion are important resource concerns. The NRCS 2012 State Resource Assessment identified soil erosion (“sheet, rill and wind erosion”) as the number one resource concern in the state and the

Central area ranked it the #2 priority resource concern. The [NRCS](#) and [WSU Extension Kittitas County](#) are also working on soil erosion and nutrient concerns, as is the [Organization of Kittitas County Timothy Hay Growers & Suppliers](#).

▪ **Forest Health**

- Fuel loads, insect damage and development into the wildland urban interface in combination with topography and the weather patterns have created substantial resource concerns in forestland as documented in the [Kittitas County Wildfire Protection Plan](#) (2009). Approximately 75,000 acres of high to extreme fire hazard areas are identified on private lands in that plan. In addition, the NRCS 2012 State Resource Assessment identified “undesirable plant productivity and health”, “degraded habitat condition”, “excessive plant pest pressure”, and “wildfire hazard, excessive biomass accumulation” on forestland as priority resource concerns. The [NRCS](#), [Washington Department of Natural Resources](#), [Washington Fire Adapted Community Learning Network](#), local fire districts and [Kittitas County](#) are working on these issues as well. Home sites and communities within the wildland urban interface are of particular focus and efforts are necessary to establish [fire adapted communities](#) who accept fire as part of the natural landscape and work continuously to improve the resiliency of the landscape. Collaboration with [Teaway Community Forest Advisory Committee](#) is underway to assist with grazing and water quality concerns, as well as habitat restoration opportunities, both of which crossover into the Water Quality and Fish & Wildlife concerns.

▪ **Range Health**

- Rangelands provide a diversity of ecosystems and also provide diverse and significant economic benefits. Livestock grazing occurs on private and state-owned range areas. NRCS’s 2012 State Resource Assessment identified “undesirable plant productivity and health”, “degraded habitat condition”, and “excessive plant pest pressure” on rangeland as priority resource concerns. The [NRCS](#), [WSU Extension Kittitas County](#), [Washington Department of Natural Resources](#), [Washington Department of Fish & Wildlife](#), and [Kittitas County Noxious Weed Control Board](#) are working to assist with range monitoring as well as providing technical and/or financial assistance to landowners and users.

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## **Information – Education Priorities**

KCCD will provide educational opportunities for students (K-12), landowners, land managers and the general public regarding natural resource priorities and improving landscape resiliency with objectives of reaching 80% of landowners/users in Kittitas County through a website, bi-annual newsletters, social media platforms (e.g. Facebook), workshops, public meetings and field days; and reaching at least 50% of students (K-12) in Kittitas County by supporting Agriculture Appreciation Day each April and specific classroom curriculum ([Wheat Week](#)) and assisting with events hosted by other local partners (Salmon Days, [KEEN](#), etc.).

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## **District Operations Priorities**

KCCD will maintain capacity to deliver programs that meet the needs of landowners and resource users and sustain the reputation for being a locally led problem solving group by annually meeting the Accountability Requirements of the Conservation Accountability and Performance Program (CAPP) with the Washington State Conservation Commission; successfully completing all necessary audits; securing new grant funds for on-the-ground activities; maintaining and improving staff technical certifications through the Center for Technical Development and other available training opportunities; and maintaining KCCD facilities for long term financial stability.



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## Program Areas:

### Natural Resource Priority Program Area: Water Quantity

**Goal(s):** Improve water use efficiency through conservation measures to meet needs of water users and work with partners to achieve base flows in high priority streams by 2020

**Natural Resource Measurable Result Objective:** 494 acres treated with efficient irrigation systems; 3.348 cubic feet per second of irrigation and stock water entered into the Trust Water Rights Program; one season of stream flow monitoring completed

**Programmatic Measurable Result Objective:** 80 landowners contacted; one sign-up for RCPP-EQIP and one sign-up for RCPP-CSP resulting in 30 applications; one mid-year and one annual report for RCPP; 9 conservation plans

**Funding Source(s):** Washington State Conservation Commission, Department of Ecology, USDA Natural Resources Conservation Service RCPP Funds, National Association of Conservation Districts (NACD), and KCCD Local Funds

Water Quantity Activities for FY2021	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding	Notes
<i>Together with the Yakama Nation, implement the RCPP project "<a href="#">Yakima Basin Integrated Plan - Toppenish to Teanaway</a>", including outreach for EQIP and CSP sign-ups, tracking partner contributions, and monitoring project effectiveness.</i>	July 2020 to June 2021	DM, PM, FM, RT, NPM	31	\$14,708	Funded by WSCC <a href="#">RCPP</a> Contributions
<i>Implement six (6) sprinkler conversion projects contracted as a result of the April 2020 sign-up for Environmental Quality Incentives Program (EQIP) funds and conduct a fourth sign-up in November 2020 as part of the RCPP project "<a href="#">Yakima Basin Integrated Plan - Toppenish to Teanaway</a>".</i>	July 2020 to June 2021	CP, PM, DM, PE, RT	110	\$155,278	<a href="#">RCPP</a> FA of \$900,000 in direct contracts with producers
<i>Implement three (3) irrigation efficiency improvement projects with Trust water on at least 174 acres and develop cost share contracts for 1 to 3 new projects with Trust Water components.</i>	July 2020 to June 2021	CP, PE, DM	30	\$493,798	Ecology YBIP, WSCC Irrigation Efficiencies
<i><a href="#">Manastash Creek Restoration Project</a> - Seek funding for 8,820 feet of buried pipeline for Reed Ditch between Cove and Hanson Roads</i>	July 2020 to June 2021	PM, DM	2	\$901	Ecology Manastash Restoration Grant
<i><a href="#">Manastash Creek Restoration Project</a> - Work with stock water right holders and Trout Unlimited to acquire stockwater and/or convert to groundwater sources to reduce winter diversions.</i>	July 2020 to June 2021	PM, DM	8	\$526,580	Ecology Manastash Restoration Grant

Through an agreement with the Kittitas Reclamation District, continue to monitor stream flow in Manastash Creek and assist with the operation of the three irrigation water diversions.	Jan 2021 to June 2021	PM, DM	55	\$22,477	Kittitas Reclamation District/US Bureau of Reclamation
Attend meetings and monitor activities under the <a href="#">Yakima Basin Integrated Plan</a> to identify opportunities to partner with other stakeholders and for funding to implement KCCD priorities.	July 2020 to June 2021	DM, PM	5	\$2,624	<a href="#">KCCD Local Funds</a>
Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to producers and BMP implementation through Farm Bill Programs	July 2020 to May 2021	RT, DM	151	\$49,803	<a href="#">NACD Technical Assistance Grant</a>
Continue participation in Kittitas County Water Conservancy Board	July 2020 to June 2021	CP	3	\$1,033	<a href="#">KCCD Local Funds</a>

**Natural Resource Priority Program Area: Water Quality**

**Goal(s):** Meet the Total Maximum Daily Load (TMDL) goals in Kittitas County

**Natural Resource Measurable Result Objective:** Reduce tailwater returns to TMDL compliance points by converting 94 acres to sprinkler irrigation; reduce sediment and nutrient movement to waterways by applying PAM to 900 acres; improve riparian habitat on 5.3 acres

**Programmatic Measurable Result Objective:** 80 producers contacted resulting in 5 applications to RCPP-EQIP and RCPP-CSP, 12 VSP assessments and 6 conservation plans; Installation of 1,800 plants on 5.3 acres along Yakima River

**Funding Source(s):** Washington State Conservation Commission, Ecology, USDA Natural Resources Conservation Service RCPP Funds, National Association of Conservation Districts, and KCCD Local Funds

<b>Water Quality Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Improve water quality by reducing soil erosion and transport to waterways - Continue to offer the PAM Cost Share program to growers by providing cost share assistance to 12 landowners for PAM and PAM applicators on approximately 900 acres	July 2020 to June 2021	RT, FM, DM	8	\$5,656	<a href="#">KCCD Local Funds</a> ; KC Public Works
Improve water quality by reducing soil erosion and transport to waterways - Implement two (2) sprinkler conversion projects prioritized based on impacts to TMDL goals.	July 2020 to June 2021	CP, PE, PM, DM, FM, Consultant	7	\$52,826	<a href="#">WSCC Natural Resource Investment</a>
Implement 6 projects to reduce or eliminate tailwater and/or improve irrigation water management on approximately 24 acres.	July 2020 to June 2021	CP, DM, FM	37	\$49,125	WSCC Implementation
Implement two cost share projects (sprinkler conversion and heavy use area protection) to improve water quality as part of the RCPP Project	July 2020 to June 2021	DM, CP, PM	14	\$135,457	Funded by WSCC <a href="#">RCPP</a> Contributions

Continue to develop and maintain a project list and seek funding for on-farm irrigation system improvements (e.g. sprinkler conversions) to work toward TMDL goals	July 2020 to June 2021	DM, CP, PM	8	\$3,050	WSCC <a href="#">RCPP</a> Contribution
Together with the Yakama Nation, implement the RCPP project " <a href="#">Yakima Basin Integrated Plan - Toppenish to Teanaway</a> ", including outreach for EQIP and CSP sign-ups, tracking partner contributions, and monitoring project effectiveness.	July 2020 to June 2021	DM, PM, CP, FM, RT, NPM	14.5	\$9,746	WSCC <a href="#">RCPP</a> Contribution
Work with Kittitas Conservation Trust to implement "Upper Yakima River Restoration" project on 0.5 miles of the Yakima River in the Easton Reach	September 2020 to June 2021	DM, FM	4	\$58,176	Pass through of Ecology WQ Grant to KCT
Complete <a href="#">Voluntary Stewardship Program</a> (VSP) assessments for producers conducting agricultural practices in critical areas (including wetlands, frequently flooded and critical aquifer recharge areas) per the VSP approved Work Plan utilizing technical expertise, GIS capabilities and drone technology	July 2020 to June 2021	NPM, DM, RT	42.0	\$30,543	WSCC <a href="#">VSP</a> Grant via Kittitas County
Per <a href="#">VSP Work Plan</a> , collect data and complete reporting requirements regarding agricultural practices in critical areas (including wetlands, frequently flooded and critical aquifer recharge areas) and agricultural viability	July 2020 to June 2021	NPM, DM, RT	34.0	\$13,863	WSCC <a href="#">VSP</a> Grant via Kittitas County
Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to producers and BMP implementation through Farm Bill Programs	July 2020 to May 2021	RT, DM	23.5	\$8,145	<a href="#">NACD Technical Assistance Grant</a>
Coordinate with the groups/agencies currently monitoring water quality- Meet with Kittitas County Water Purveyors and Ecology to coordinate activities as needed.	July 2020 to June 2021	DM	5	\$2,020	

### Natural Resource Priority Program Area: Fish & Wildlife

**Goal(s):** By 2020, complete installation of approved fish screen and fish passage facilities for the identified high priority areas. By 2025, complete installation of approved fish screen and fish passage facilities for the identified medium priority areas.

**Natural Resource Measurable Result Objective:** Three (3) fish passage barriers removed, four (4) irrigation diversions screened

**Programmatic Measurable Result Objective:** 12 meetings of the YAHP Core Team, 6 design reports, 3 final bid ready designs, 12 VSP assessments, 2 applications to RCPP-EQIP, and one Easement Monitoring Report

**Funding Source(s):** Bonneville Power Administration, Department of Ecology, Washington State Conservation Commission, RCO-Salmon Recovery Funding Board, RCO- Fish Barrier Removal Board, USDA Natural Resources Conservation Service RCPP Funds, and National Association of Conservation Districts

<b>Fish &amp; Wildlife Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
YTAHP - Continue to participate in the Core Team and develop projects with private landowners, determining project needs and securing funding.	July 2020 to June 2021	DM, CP, PE, RT, FM, NPM	61	\$25,225	BPA Funds via <a href="#">WRC&amp;D</a>
SRFB - Continue to work with the Cascade Irrigation District on plans and designs for their canal intersections with Naneum, Coleman and Caribou Creeks; initiate designs on 2 Naneum Creek diversions and Coleman Creek diversion	July 2020 to June 2021	DM, CP, PE, Consultants	115.5	\$180,889	<a href="#">SRFB</a> and BPA Funds via <a href="#">WRC&amp;D</a>
YTAHP/FBRB - Continue design work on Parke Creek and initiate design on Caribou Creek to address fish screens and fish passage.	July 2020 to June 2021	DM, CP, PE, Consultants	64	\$91,322	BPA Funds via <a href="#">WRC&amp;D</a> and <a href="#">FBRB</a>
SRFB/YTAHP - Design and construct fish screen and fish passage project on Swauk Creek to address two fish passage barriers	July 2020 to April 2021	DM, PE, RT, Consultant	26	\$210,746	BPA Funds via <a href="#">WRC&amp;D</a> and <a href="#">SRFB</a>
Finalize design, secure permits and construct a project to correct a fish passage barrier and install a fish screen on Coleman Creek and convert 90 acres to sprinkler irrigation at Olmstead Park.	July 2020 to June 2021	DM, RT, CP, PE, Consultants	100	\$608,194	<a href="#">FBRB</a> , BPA Funds via <a href="#">WRC&amp;D</a> and WA State Parks
YTAHP - Maintain riparian planting areas associated with current and past fish screen and passage projects	July 2020 to June 2021	RT, WCC Crews	26	\$10,586	BPA Funds via <a href="#">WRC&amp;D</a>
Complete project that corrected two fish passage barriers and installed fish screens on Cooke Creek.	July 2020 to March 2021	CP, PE, DM, Consultants	68	\$38,041	<a href="#">FBRB</a> and <a href="#">SRFB</a>
Prep for and plant 5 acres of riparian and upland areas on Wilson Creek with 1,800 trees and shrubs and provide maintenance in spring 2021	July 2020 to June 2021	DM, PM, Crew	100	\$26,437	WSCC <a href="#">RCPP</a> Contribution
<a href="#">Manastash Creek Restoration Project</a> - Wrap up this long term project including some support for monitoring stream flow, operating diversions and coordinating with irrigators, Ecology, US Bureau of Reclamation, and Kittitas Reclamation District	July 2020 to December 2020	PM, DM, PE, Consultants	26	\$24,874	Ecology Manastash Grant
Continue to monitor stream flow in Manastash Creek and assist with the operation of the three fish screens facilities associated with irrigation water diversions.	Jan 2021 to June 2021	PM, DM	68	\$2,931	Kittitas Reclamation District Agreement
Work with the Kittitas Reclamation District to coordinate projects and activities in priority areas and stream reaches in the Upper Yakima	July 2020 to June 2021	DM, PM	58	\$9,456	<a href="#">KCCD Local Funds</a>
Together with the Yakama Nation, implement the RCPP project " <a href="#">Yakima Basin Integrated Plan - Toppenish to Teanaway</a> ",	July 2020 to June 2021	DM, PM, PE, CP, NPM	46	\$38,041	WSCC <a href="#">RCPP</a> Contribution

including outreach for EQIP and CSP sign-ups, tracking partner contributions, and monitoring project effectiveness.					
Monitor <a href="#">Wild Horse Wind and Solar Facility</a> Conservation Easement in the spring and the fall and produce a monitoring report	Sept 2020 to April 2021	RT, FM	7	\$5,415	PSE Agreement
Partner with Washington Department of Natural Resources and Washington Department of Fish & Wildlife to install and remove temporary fencing and maintain other fencing necessary for the grazing activities in the Teanaway Community Forest	July 2020 to June 2021	DM, CP, PM	20	\$66,520	WSCC <a href="#">RCPP</a> Contribution
Complete <a href="#">Voluntary Stewardship Program</a> (VSP) assessments for producers conducting agricultural practices in critical areas (including fish & wildlife conservation areas) per the VSP approved Work Plan utilizing technical expertise, GIS capabilities and drone technology	July 2020 to June 2021	NPM, DM, RT	16	\$23,276	WSCC <a href="#">VSP</a> Grant via Kittitas County
Per <a href="#">VSP Work Plan</a> , collect data and complete reporting requirements regarding agricultural practices in critical areas (including fish & wildlife conservation areas) and agricultural viability	July 2020 to June 2021	NPM, DM, RT	40	\$13,866	WSCC <a href="#">VSP</a> Grant via Kittitas County
Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to producers and BMP implementation through Farm Bill Programs	July 2020 to May 2021	RT, DM	36.0	\$3,781	<a href="#">NACD Technical Assistance Grant</a>

**Natural Resource Priority Program Area: Soil Quality & Health**

**Goal(s):** Maintain soil productivity and health to meet or exceed NRCS soil quality criteria

**Natural Resource Measurable Result Objective:** Irrigation induced soil erosion reduced by 1,500 - 2,000 tons on 400 acres, explore crop nutrient management through chlorophyll monitoring

**Programmatic Measurable Result Objective:** 20 landowners will be contacted resulting in 5 cost share agreements and 10 VSP assessments; one report for Chlorophyll monitoring

**Funding Source(s):** Kittitas County Road Fund, Washington State Conservation Commission, USDA Natural Resources Conservation Service RCPP Funds, National Association of Conservation Districts and KCCD Local Funds

<b>Soil Quality &amp; Health Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Offer agronomy expertise to local growers- Coordinate with NRCS for direct and individual communication between NRCS agronomist and growers interested in soil quality & health and especially in the use of cover crops	July 2020 to June 2021	DM, CP	7	\$2,339	<a href="#">KCCD Local Funds</a> and WSCC VSP via Kittitas County

Coordinate with Kittitas County Hay Growers & Suppliers to document use of chlorophyll meters to assist with crop nutrient management in-season.	July 2020 to June 2021	RT, DM	7	\$2,375	<a href="#">KCCD Local Funds</a>
Reduce Irrigation Induced Soil Erosion - Continue to offer the PAM Cost Share program to growers to reduce soil erosion by providing cost share assistance to 5 landowners for PAM and PAM applicators on approximately 400 acres	July 2020 to June 2021	RT, FM	7.5	\$4,240	<a href="#">KCCD Local Funds;</a> KC Public Works
Complete <a href="#">Voluntary Stewardship Program</a> (VSP) assessments for producers conducting agricultural practices in critical areas (including geologic hazard areas) per the VSP approved Work Plan utilizing technical expertise, GIS capabilities and drone technology	July 2020 to June 2021	NPM, DM, RT	17.0	\$21,814	WSCC <a href="#">VSP</a> Grant via Kittitas County
Per <a href="#">VSP Work Plan</a> , collect data and complete reporting requirements regarding agricultural practices in critical areas (including geologic hazard areas) and agricultural viability	July 2020 to June 2021	NPM, DM, RT	17.0	\$8,033	WSCC <a href="#">VSP</a> Grant via Kittitas County
Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to producers and BMP implementation through Farm Bill Programs	July 2020 to May 2021	RT, DM	6.5	\$2,203	<a href="#">NACD Technical Assistance Grant</a>

### Natural Resource Priority Program Area: Forest Health

**Goal(s):** By 2021, treat 2,500 acres of forestland to improve forest health and reduce wildland fire risks in Kittitas County

**Natural Resource Measurable Result Objective:** Fuels reduction will occur on 100 acres in high risk areas of Kittitas County

**Programmatic Measurable Result Objective:** 100 Landowners/land managers contacted resulting in four (4) cost share agreements; 10 communities (50 individual landowners) utilizing chipping crew

**Funding Source(s):** KCCD Local Funds, Department of Natural Resources (state grants), FEMA Grant, Washington State Conservation Commission, Washington Fire Adapted Communities/Washington RC&D, Coalitions and Collaboratives Inc AIM grant, NACD Technical Assistance Grant

<b>Forest Health Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Continue to seek out and secure funding for fire adapted communities' strategies including fuels reduction and forest health practices with private landowners coordinated with public lands treatments in cooperation with DNR, Kittitas County Fire Marshal and the Conservation Commission	July 2020- June 2021	DM, RT, NPM	4	\$1,710	<a href="#">KCCD Local Funds</a>
Under RCPP project " <a href="#">Yakima Basin Integrated Plan- Toppenish to Teanaway</a> ", work with conservation partners to implement the Healthy Forest Reserve Program (HFRP) including conducting a	July 2020 to June 2021	DM, CP, FM	8	\$4,734	<a href="#">RCPP</a> Project funds \$553,000 in financial assistance

<i>supplemental sign-up and assisting with applications for up to 80 acres of forestland in the Teanaway and Swauk watersheds</i>					
<i>Implement "Collaborative strategic planning, fuels reduction and prescribed burn implementation in the Cle Elum watershed in the East Cascades of Central Washington" with KFAAC and the City of Roslyn</i>	<i>July 2020- June 2021</i>	<i>DM, RT, Consultant</i>	<i>5</i>	<i>\$40,100</i>	<a href="#"><i>AIM/COCO Grant</i></a>
<i>Coordinate with Department of Natural Resources to implement Wildfire/Forest Health Education/Outreach and Fuels Reduction Chipping project treating 50 acres and providing technical assistance to landowners</i>	<i>July 2020- June 2021</i>	<i>NPM, RT</i>	<i>24</i>	<i>\$37,601</i>	<i>DNR IAA</i>
<i>Provide financial and technical assistance to five landowners on 45 acres to implement fuels reduction and forest health practices; and coordinate a roving chipper program to assist 50 landowners in 10 communities.</i>	<i>July 2020 to December 2020</i>	<i>NPM, RT, DM, FM</i>	<i>48</i>	<i>\$89,528</i>	<i>FEMA Grant</i>
<i>Complete subaward from Washington RC&amp;D for the Cle Elum – Roslyn Fire Adapted Communities and Forest Resiliency Project as funded by Washington DNR</i>	<i>July 2020 to June 2021</i>	<i>DM, Consultant</i>	<i>1</i>	<i>\$436</i>	<i>DNR funding via subaward from Washington RC&amp;D</i>
<i>Assist 5 communities to maintain Firewise USA community status and assist Hidden Valley/Swauk to maintain Fire Adapted Community status.</i>	<i>July 2020- June 2021</i>	<i>NPM, RT</i>	<i>4</i>	<i>\$2,672</i>	<a href="#"><i>KCCD Local Funds</i></a>
<i>Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to producers for conservation plans and contracts through Farm Bill Programs</i>	<i>July 2020 to May 2021</i>	<i>RT, DM</i>	<i>6</i>	<i>\$2,784</i>	<a href="#"><i>NACD Technical Assistance Grant</i></a>

**Natural Resource Priority Program Area: Range Health**

**Goal(s):** By 2020, document positive trend (health) on rangeland in Kittitas County

**Natural Resource Measurable Result Objective:** Assistance will be provided to three livestock producers

**Programmatic Measurable Result Objective:** Attend two meetings; conduct sign-up for RCPP-EQIP for grazing priorities; assist with two days of field monitoring activities; and complete a stock watering plan for the Wymer Reservoir

**Funding Source(s):** Washington State Conservation Commission, KCCD Local Funds, and NACD Technical Assistance Grant

<b>Range Health Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
<i>Support and coordinate with NRCS and WSU Extension's efforts to provide technical and financial assistance to rangeland operators.</i>	<i>July 2020 to June 2021</i>	<i>CP</i>	<i>2.5</i>	<i>\$979</i>	<a href="#"><i>KCCD Local Funds</i></a>
<i>Support and coordinate with WSU Extension's monitoring of the grazing plan for the Wild Horse CRM.</i>	<i>July 2020 to June 2021</i>	<i>CP, RT</i>	<i>3</i>	<i>\$989</i>	<a href="#"><i>KCCD Local Funds</i></a>

Complete the Wymer Reservoir Footprint Study to determine stock watering options related to the future reservoir construction	July 2020 to December 2020	DM, NPM, CP, WSU Ext	7	\$7,418	Yakima Basin Integrated Plan Grant
Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to Kittitas County producers with conservation planning and BMP implementation through EQIP contracts	July 2020 to May 2021	RT, DM	5.5	\$2,072	<a href="#">NACD Technical Assistance Grant</a>

**District Program Area: Development and Natural Resource Impacts**

**Goal(s):** Develop a strategy to address land use fragmentation & small parcel impact on natural resources

**Programmatic Measurable Result Objective:** Facilitate 12 meetings of KFACT; Facilitate four (4) meetings of the VSP Watershed Group; participate in four (4) partner meetings; investigate funding opportunities for local USDA processing facilities

**Funding Source(s):** Washington State Conservation Commission, KCCD Local Funds, Washington RC&D (WAFAC)

<b>Development and Natural Resource Impacts Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Small Acreage Management Program- Reinvigorate educational program offering technical assistance to small acreage landowners in cooperation with WSU Extension and NRCS (may include videos and other media platforms)	July 2020 to June 2021	CP, DM	10	\$12,214	<a href="#">KCCD Local Funds</a>
Continue to work with interested producers and partners to investigate the viability of a mobile slaughter unit in Kittitas County including pursuing funding for feasibility study	July 2020 to June 2021	DM	3	\$4,913	<a href="#">KCCD Local Funds</a>
Continue to work with partners to develop conservation easement options for interested producers. Partners include <a href="#">Kittitas Conservation Trust</a> , <a href="#">Kittitas County Flood Control Zone District</a> , <a href="#">Office of Farmland Preservation</a> , <a href="#">Forterra</a> , <a href="#">Mid-Columbia Fisheries Enhancement Group</a> and others	July 2020 to June 2021	DM	2	\$1,199	<a href="#">KCCD Local Funds</a>
Continue to participate in and facilitate the Kittitas Fire Adapted Communities Coalition (KFACT) and implement the Plan of Work	July 2020 to June 2021	DM, RT, Consultant	16.5	\$9,007	<a href="#">FAC</a> and <a href="#">KCCD Local Funds</a>

**District Program Area: Education/Outreach**

**Goal(s):** Provide information/education opportunities to all ages and backgrounds in order to increase their knowledge and understanding of natural resources in Kittitas County using newsletters, a website, workshops, public events and landowner site visits.

**Programmatic Measurable Result Objective:** 12,000+ landowners contacted and provided information resulting in 20-30 individual program referrals; 60,000 attendees at the Kittitas County Fair reached; 3 grower/landowner meetings; maintenance of on-line VSP map portal; and 800 elementary students contacted and provided information.

**Funding Source(s):** KCCD Local Funds, Washington State Conservation Commission, Donations

<b>Education/Outreach Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Complete annual newsletter with circulation of 14,000 and occasional electronic newsletters as needed	July 2020 to June 2021	DM, FM, PM, RT	9.5	\$8,810	WSCC Implementation
Manage and maintain <a href="#">website</a> and <a href="#">social media sites</a> for public outreach and information about KCCD projects and programs	July 2020 to June 2021	DM, Contractor	10.5	\$7,846	WSCC Implementation
Organize and host Agriculture Appreciation Day at <a href="#">Kittitas County Event Center</a> (~400 3rd Grade Students) including coordinating stations and providing materials to students.	April 2021	CP, RT, FM, Volunteers	30.0	\$8,066	<a href="#">KCCD Local Funds</a> and Donations
Contribute to youth education through " <a href="#">Wheat Week</a> " with Franklin CD, <a href="#">Ag in the Classroom</a> , Kittitas County Cattlewomen, etc.	July 2020 to June 2021	DM, FM, Franklin CD	0.5	\$1,306	<a href="#">KCCD Local Funds</a>
Assist <a href="#">KEEN</a> and <a href="#">Mid-Columbia Fisheries Enhancement Group</a> with youth education activities (e.g Salmon Days, 4th Grade Camp, Summer Camp, etc.)	July 2020 to June 2021	RT	6.0	\$11,854	<a href="#">KCCD Local Funds</a>
Implement NACD Urban Agriculture project with Thorp School District including crop production area, greenhouse and wildlife planting, and documenting project to encourage other districts in County to do similar projects	July 2020 to June 2021	DM, CP, NPM, PE, RT	40.0	\$44,638	NACD Urban Agriculture Grant
Host the State Envirothon Competition	January 2021 to June 2021	RT	10.0	\$10,474	WSCC Envirothon Grant
Implement the <a href="#">Kittitas County VSP</a> Outreach Plan to ensure the agricultural community and other interested parties are informed of all aspects of VSP	July 2020 to June 2021	DM, CP, NPM, RT	32.0	\$27,908	WSCC <a href="#">VSP</a> Grant via Kittitas County
Annual presentations at Producer Group meetings (e.g. <a href="#">Kittitas County Hay Growers</a> , Kittitas County Farm Bureau, Kittitas County Cattlemen	July 2020 to June 2021	DM	6.0	\$2,954	<a href="#">KCCD Local Funds</a>
Assist with Wildfire Awareness Day events including workshops, materials and coordinating presentations	February 2021 to June 2021	NPM, RT	3.0	\$1,625	DNR, FAC Grants
<a href="#">Kittitas County Fair</a> - Community Education Booth to reach 60,000 attendees	Sept 2020	DM, NPM, FM	8.0	\$2,789	<a href="#">KCCD Local Funds</a>
KCCD Annual Meeting and Awards Dinner	Feb 2021	All Staff, Board of Supervisors	7.5	\$3,118	<a href="#">KCCD Local Funds</a>

**District Program Area: District Operations**

**Goal(s):** Complete operations in a time and fund efficient manner consistent with Washington State Conservation Commission guidelines.

**Programmatic Measurable Result Objective:** 12 -16 Board meetings conducted, positive results for Conservation Accountability and Performance Program, and successful completion of financial reports and audits; multiple landowners contacted in 5 conservation districts to assist engineering/design; and maintaining system of Rates & Charges

**Funding Source(s):** All grants indirect charges, KCCD System of Rates & Charges, Washington State Conservation Commission, Tenant Leases

<b>District Operations Activities for FY2021</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
<i>Complete Supervisor elections and appointments, and recruit one new Associate Supervisor</i>	<i>Dec 2019 to March 2020</i>	<i>DM, FM, Board of Supervisors</i>	<i>10.5</i>	<i>\$3,187</i>	<i>WSCC Implementation Grant</i>
<i>Complete 12 monthly meetings and 4 special meetings of the Board of Supervisors</i>	<i>July 2020 to June 2021</i>	<i>DM, FM, Board of Supervisors</i>	<i>68.0</i>	<i>\$18,725</i>	<i>WSCC Implementation Grant and KCCD Indirect Funds</i>
<i>Perform timely vouchering for all grant sources, track funding and expenditures, complete payroll functions, update policies as needed, manage staff (including employee evaluations/wage reviews)</i>	<i>July 2020 to June 2021</i>	<i>FM, DM, Board of Supervisors</i>	<i>128.9</i>	<i>\$65,783</i>	<i><a href="#">KCCD Local Funds</a> and Indirect Funding</i>
<i>Complete Annual Financial Report, Annual Plan of Work, Annual Report of Accomplishments, and single federal audit for calendar year 2019</i>	<i>August 2020 to May 2021</i>	<i>DM, FM, Board of Supervisors</i>	<i>53</i>	<i>\$27,814</i>	<i><a href="#">KCCD Local Funds</a> and Indirect Funding</i>
<i>Update KCCD Long Range Plan including public meeting, surveys and partner meetings</i>	<i>December 2020 to June 2021</i>	<i>DM, FM, Board of Supervisors</i>	<i>15.5</i>	<i>\$6,959</i>	<i>WSCC Implementation Grant</i>
<i>Complete Annual Report of Activities for KCCD System of Rates &amp; Charges and conduct annual meeting with the Kittitas Board of County Commissioners to discuss on-going programs, projects and funding</i>	<i>March 2021 to May 2021</i>	<i>DM, Board of Supervisors</i>	<i>8.5</i>	<i>\$3,500</i>	<i><a href="#">KCCD Local Funds</a></i>
<i>Complete tax roll updates with Kittitas County Assessor for KCCD System of Rates &amp; Charges</i>	<i>Dec 2020 to January 2021</i>	<i>DM</i>	<i>3.0</i>	<i>\$1,573</i>	<i><a href="#">KCCD Local Funds</a></i>
<i>Meet regularly with Roslyn and Cle Elum City Council and/or staff to prioritize technical assistance and develop natural resource related projects and programs</i>	<i>July 2020 to June 2021</i>	<i>DM, Board of Supervisors</i>	<i>5.0</i>	<i>\$1,776</i>	<i><a href="#">KCCD Local Funds</a></i>

Provide Engineering Services to North Central Engineering Cluster (Okanogan, Cascadia, South Douglas, & Foster Creek CDs) for various natural resource improvement projects	July 2020 to June 2021	PE, DM, FM	108	\$67,962	<a href="#">WSCC Professional Engineer Grant</a>
Staff training ( <a href="#">WADE</a> , <a href="#">Center for Technical Development</a> , Public Works Contracting, Firewise/Fire Adapted Communities, etc.)	July 2020 to June 2021	All Staff	24.0	\$9,850	Various Grants
Supervisor training ( <a href="#">WADE</a> , <a href="#">WACD</a> , etc.)	July 2020 to June 2021	Board of Supervisors	12.0	\$1,499	WSCC Implementation Grant/ <a href="#">KCCD Local Funds</a>
Maintain and operate District office facilities including financial records (receiving rent and triple net, utilities payments, escrow payments, etc.), lawn care, building maintenance and communications with tenants.	July 2020 to June 2021	DM, FM, RT, Board of Supervisors	34.0	\$58,268	KCCD Indirect Funds USDA Lease WSCC Lease
Remodel office space for new lease including Suite 1 conference room and offices and Suites 4 and 5 for USDA Agencies	July 2020 to June 2021	DM, Board of Supervisors	16.0	\$107,867	Tenant improvements for USDA Lease
Manage leases for office space for the USDA Service Center (Natural Resources Conservation Service & Farm Service Agency) and WA State Conservation Commission Regional Manager	July 2020 to June 2021	DM, Board of Supervisors	4.0	\$3,073	USDA Lease WSCC Lease

**Person Responsible Key:**

**DM-** District Manager (Anna Lael)    **FM-** Financial Manager (Miranda Nash)    **PM-** Project Manager (Sherry Swanson)  
**NPM-** Natural Resources Project Manager (Brent Dixon)    **PE-** District Engineer (Ryan Roberts)  
**CP-** Conservation Planner (Mark Crowley)    **RT-** Resource Technician (Wendy Mee and Nathan Longoria)



**Washington Conservation Districts assisting land managers with their conservation choices**



# FY2021 Annual Budget (7/1/20 – 6/30/21)

## Kittitas County Conservation District

Object	Budget
<b>Salaries &amp; Wages</b>	<b>\$443,042</b>
<b>Personnel Benefits</b>	<b>\$161,870</b>
<b>Supplies</b>	<b>\$118,460</b>
Office & Operating Supplies	\$78,710
Fuel Consumed	\$4,750
Small Tools & Minor Equipment	\$11,500
Repairs and Maintenance (Vehicles)	\$23,500
<b>Services</b>	<b>\$1,429,934</b>
Professional Services	\$638,843
Travel	\$17,335
Insurance	\$15,210
Utilities	\$28,658
Property Taxes	\$7,199
Rates & Charges Collection	\$8,616
Staff & Board Training	\$5,501
Miscellaneous	\$39,071
Project Construction	\$669,500
<b>Capital Facilities (Escrow Payments)</b>	<b>\$48,060</b>
<b>Cost Share</b>	<b>\$1,539,804</b>
<b>Contingency</b>	<b>\$50,000</b>
<b>TOTAL</b>	<b>\$3,791,169</b>

Fund Source	Ending Date (mo/year)	Total Grant/Program Budget	Expected Income in FY 2021
<b>Direct Federal Funds</b>			
USDA Natural Resources Conservation Service- RCPP	Jul-22	\$332,693	\$0
USDA Natural Resources Conservation Service- Emergency Lease	Annual	\$11,971	\$11,460
<b>Indirect Federal Funds</b>			
Yakima Tributary Access & Habitat Program (BPA via RC&D)	Mar-20	\$274,657	\$254,123
Salmon Recovery Funding Board -Cooke Creek Screening & Passage	Sep-22	\$396,812	\$26,054
Salmon Recovery Funding Board - Swauk Creek Screening & Passage	Dec-23	\$168,691	\$153,271
WA Dept. Ecology - Upper Yakima River Restoration (KCT)	Jun-21	\$379,077	\$58,175
NACD Technical Assistance Grant	Sep-21	\$63,349	\$59,449
NACD Urban Agriculture - Thorp Farm to School Project	Feb-21	\$45,580	\$41,113
FEMA- Kittitas County Fuels Reduction Project	Sep-21	\$281,250	\$89,250
AIM/COCO Grant - Collaborative strategic planning, fuels reduction etc	Dec-20	\$39,996	\$39,996
Washington RC&D Fire Adapted Communities Grant	Dec-20	\$12,500	\$12,500
US Bureau of Reclamation via Kittitas Reclamation District	Annual	\$56,434	\$57,197
<b>State Funds</b>			
WA State Conservation Commission Implementation Grant	Jun-21	\$95,600	\$95,600
WA State Conservation Commission Natural Resource Investment	Jun-21	\$125,000	\$52,486
WA State Conservation Commission Irrigation Efficiencies	Jun-21	\$25,860	\$25,860
WA State Conservation Commission Professional Engineering	Jun-21	\$75,000	\$75,000
WA State Conservation Commission Cultural Resources	Jun-21	\$8,805	\$8,805
WA State Conservation Commission RCPP Contribution	Jun-21	\$1,098,600	\$544,724
WA State Conservation Commission Voluntary Stewardship Program	Jun-21	\$238,000	\$145,000
WA State Conservation Commission NACD TA match	Jun-21	\$6,292	\$6,292
WA State Conservation Commission - Envirothon	Jun-21	\$10,000	\$10,000
WA State Conservation Commission - Regional Mgr Rent	Jun-21	\$3,300	\$3,300
WA Dept. Ecology - Manastash Pipelines Project	Jun-21	\$2,141,165	\$526,462
WA Dept. Ecology - Upper Yakima RCPP Efficiency Improvements	Dec-21	\$1,000,000	\$482,516
WA Dept. Ecology -Wymer Reservoir Footprint Study	Dec-20	\$9,878	\$3,832
Salmon Recovery Funding Board (Yakima Targeted Investments)	Mar-24	\$883,088	\$125,000
Brian Abbott Fish Barrier Removal Board (Coleman 03.41)	Jun-21	\$606,762	\$537,503
Brian Abbott Fish Barrier Removal Board (Cooke Creek)*	Jun-21	\$496,150	\$27,665
Brian Abbott Fish Barrier Removal Board Caribou Creek)*	Jun-21	\$355,334	\$85,000
Brian Abbott Fish Barrier Removal Board (Parke Creek)*	Jun-21	\$302,953	\$6,500
Washington RC&D - WA Dept. of Natural Resources	Sep-20	\$47,000	\$441
WA Dept. of Natural Resources - Chipper Crew*	Jun-20	\$46,649	\$42,000
<b>Local/Private Funds</b>			
Kittitas County Road Funds- PAM Cost Share	Annual	\$5,000	\$2,500
Kittitas County Local Funds (Rates & Charges)	Annual	\$172,315	\$172,315
Puget Sound Energy - Wild Horse Facility Conservation Easement	Annual	\$7,500	\$5,214
Kittitas Fire Adapted Communities Coalition (KFACC) Contributions	Annual	\$5,833	\$2,973
Donations for Agriculture Appreciation Day	Annual		\$1,150
Interest Income	Annual		\$442
<b>TOTAL</b>		<b>\$9,829,094</b>	<b>\$3,791,169</b>