



# FY2020 (7/1/19 – 6/30/20) 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](#)) who's [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 [Teanaway 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:** 600 acres treated with efficient irrigation systems; 3.5 cubic feet per second of irrigation and stock water entered into the Trust Water Rights Program; one season of 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 annual report for RCPP; 14 conservation plans; one set of final construction ready drawings

**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 FY2020	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding	Notes
<i>2019 Drought Technical Assistance - in response to the drought declaration, provide technical assistance to producers for irrigation water management activities including planning, assessments, water measurement and soil moisture monitoring.</i>	July 2019 to June 2020	CP, DM, PM	73	\$30,274	<a href="#">WSSC Irrigation Efficiencies/Drought Funding</a>
<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 2019 to June 2020	DM, PM, FM, RT, NPM	28	\$13,090	Funded by WSSC <a href="#">RCPP</a> Contributions
<i>As part of RCPP project, implement eight (8) sprinkler conversion projects contracted as a result of a November 2019 sign-up for Environmental Quality Incentives Program (EQIP) funds and conduct a third EQIP and the first CSP sign-up in November 2020.</i>	July 2019 to June 2020	CP, PM, DM, PE, RT	100	\$137,028	<a href="#">RCPP</a> FA of \$900,000 in direct contracts with producers
<i>Implement two (2) irrigation efficiency improvement projects with Trust water components on at least 130 acres and develop 2 to 4 new projects with Trust Water components.</i>	July 2019 to June 2020	CP, PE, DM	25	\$507,066	Ecology YBIP, WSSC Irrigation Efficiencies
<i><a href="#">Manastash Creek Restoration Project</a>- Install flow meter on MWDA Pipeline to improve water management in Manastash Creek</i>	July 2019 to June 2020	CP, PE, DM	32	\$218,419	Ecology Manastash Restoration Grant
<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 2019 to June 2020	PM, DM	6	\$2,296	Ecology Manastash Restoration Grant

<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.	July 2019 to December 2019	PM, DM	18	\$518,212	Ecology Manastash Restoration Grant
<a href="#">Manastash Creek Restoration Project</a> - Work with Irrigators, Dept. of Fish & Wildlife, Ecology, US Bureau of Reclamation, Kittitas Reclamation District to monitor stream flow and assist with the operation of the three irrigation water diversions.	July 2019 to December 2019	PM, DM, PE, RT, Consultants	25	\$27,453	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 2020 to June 2020	PM, DM	24	\$10,399	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 2019 to June 2020	DM, PM	5	\$2,517	<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 2019 to May 2020	RT, DM	151	\$47,304	<a href="#">NACD Technical Assistance Grant</a>
Continue participation in Kittitas County Water Conservancy Board	July 2019 to June 2020	CP	3	\$989	<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 144 acres to sprinkler irrigation; reduce sediment and nutrient movement to waterways by applying PAM to 900 acres; improve riparian habitat on 6.8 acres

**Programmatic Measurable Result Objective:** 100 producers contacted resulting in 5 applications to RCPP-EQIP and RCPP-CSP, 12 VSP assessments and 6 conservation plans; Installation of 4,800 plants on 6.8 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

Water Quality Activities for FY2020	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding	Notes
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 2019 to June 2020	RT, FM, DM	8	\$5,534	<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 2019 to June 2020	CP, PE, PM, DM, FM, Consultant	23	\$113,203	<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 2019 to June 2020	CP, DM, FM	37	\$48,604	WSCC Implementation
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 2019 to June 2020	DM, CP, PM	7	\$2,567	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 2019 to June 2020	DM, PM, CP, FM, RT, NPM	8.5	\$7,357	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 2019 to June 2020	DM, FM	7	\$351,223	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	July 2019 to June 2020	NPM, DM, RT	24	\$18,134	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 critical areas (including wetlands, frequently flooded and critical aquifer recharge areas) and agricultural viability	July 2019 to June 2020	NPM, DM, RT	18	\$8,018	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 2019 to May 2020	RT, DM	20.5	\$6,958	<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 2019 to June 2020	DM	5	\$1,929	

### 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 YTAHP Core Team, 1 meeting of the Manastash Creek Steering Committee, 4 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 FY2020</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
<a href="#"><u>YTAHP</u></a> - Continue to participate in the Core Team and develop projects with private landowners, determining project needs and securing funding.	July 2019 to June 2020	DM, CP, PE, RT, FM, NPM	95	\$31,755	BPA Funds via <a href="#"><u>WRC&amp;D</u></a>
<a href="#"><u>YTAHP</u></a> - Continue to work with the Cascade Irrigation District on preliminary plans and designs for their canal intersections with Currier, Naneum, Coleman and Caribou Creeks	July 2019 to June 2020	DM, CP, PE, Consultants	46	\$36,369	BPA Funds via <a href="#"><u>WRC&amp;D</u></a>
<a href="#"><u>YTAHP</u></a> - Continue design work on Parke Creek and initiate design on Caribou Creek and Swauk Creek to address fish screen, fish passage and habitat concerns	July 2019 to June 2020	DM, CP, PE, Consultants	68	\$70,006	BPA Funds via <a href="#"><u>WRC&amp;D</u></a> and <a href="#"><u>FBRB</u></a>
<a href="#"><u>YTAHP</u></a> - Construct a fish screen project on the Yakima River	July 2019 to Sept 2019	CP, PE, RT, DM	14	\$41,720	BPA Funds via <a href="#"><u>WRC&amp;D</u></a>
<a href="#"><u>YTAHP</u></a> - Complete design work on Coleman Creek and construct fish screen and fish passage structures	July 2019 to March 2020	DM, CP, PE, Consultants	37	\$62,278	BPA Funds via <a href="#"><u>WRC&amp;D</u></a>
<a href="#"><u>YTAHP</u></a> - Maintain riparian planting areas associated with current and past fish screen and passage projects	July 2019 to June 2020	RT, WCC Crews	17	\$6,932	BPA Funds via <a href="#"><u>WRC&amp;D</u></a>
Finalize the design, secure permits and construct a project to correct 2 fish passage barriers & install screens on Cooke Creek	July 2019 to March 2020	CP, PE, DM, Consultants	76	\$939,768	<a href="#"><u>FBRB</u></a> and <a href="#"><u>SRFB</u></a>
Finalize design, secure permits and correct a fish passage barrier and install a fish screen on Coleman Creek at Olmstead Park.	July 2019 to June 2020	DM, RT, CP, PE, Consultants	73	\$523,472	<a href="#"><u>FBRB</u></a> and WA State Parks
<a href="#"><u>Manastash Creek Restoration Project</u></a> - Facilitate Manastash Creek Steering Committee Meeting	July 2019 to June 2020	PM, DM	4	\$1,638	Ecology Manastash Grant
<a href="#"><u>Manastash Creek Restoration Project</u></a> - Work with Irrigators, Dept. of Fish & Wildlife, Ecology, US Bureau of Reclamation, Kittitas Reclamation District to operate irrigation diversion and fish screens at MWDA/Consolidated, Keach/Jensen and Barnes Road diversions.	July 2019 to December 2019	PM, DM, PE, RT, Consultants	24	\$26,907	Ecology Manastash 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 fish screens facilities association with irrigation water diversions.	Jan 2020 to June 2020	PM, DM	26	\$9,261	

Work with the Kittitas Reclamation District to coordinate projects and activities in priority areas and stream reaches	July 2019 to June 2020	DM, PM	12	\$4,591	<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> ", including outreach for EQIP and CSP sign-ups, tracking partner contributions, and monitoring project effectiveness.	July 2019 to June 2020	DM, PM, PE, CP, NPM	16	\$7,749	WSCC <a href="#">RCPP</a> Contribution; & \$45,000 in FA to Producers
Monitor <a href="#">Wild Horse Wind and Solar Facility</a> Conservation Easement in the spring and the fall and produce a monitoring report	Sept 2019 to April 2020	RT, FM	16	\$5,174	
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	July 2019 to June 2020	NPM, DM, RT	18.0	\$16,436	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 2019 to June 2020	NPM, DM, RT	19.0	\$8,377	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 2019 to May 2020	RT, DM	5.5	\$2,278	<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 FY2020</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	July 2019 to June 2020	DM, CP	5	\$1,527	<a href="#">KCCD Local Funds</a>



Coordinate with Kittitas County Hay Growers & Suppliers to document use of chlorophyll meters to assist with crop nutrient management in-season.	July 2019 to June 2020	RT, DM	9	\$2,766	<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 2019 to June 2020	RT, FM	6.5	\$3,774	<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	July 2019 to June 2020	NPM, DM, RT	13	\$14,870	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 2019 to June 2020	NPM, DM, RT	16	\$7,376	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 2019 to May 2020	RT, DM	5.5	\$1,828	<a href="#">NACD Technical Assistance Grant</a>

### Natural Resource Priority Program Area: Forest Health

**Goal(s):** By 2020, 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 120 acres in high risk areas of Kittitas County

**Programmatic Measurable Result Objective:** 100 Landowners/land managers contacted resulting in four (4) cost share agreements; twenty (20) communities assisted helping 20 to maintain Firewise USA recognition, 2 to achieve Firewise USA recognition and at least 5 to complete fuels reduction work with chipping crew

**Funding Source(s):** KCCD Local Funds, Department of Natural Resources (state grants), Kittitas County Fire Marshal's office (FEMA Grant), Washington State Conservation Commission, Washington Fire Adapted Communities, Washington RC&D, NACD Technical Assistance Grant

<b>Forest Health Activities for FY2020</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 fuels reduction and forest health practices with private landowners in cooperation with DNR, Kittitas County Fire Marshal and the Conservation Commission	July 2019- June 2020	NPM, DM	7	\$2,627	<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 sign-up and assisting with applications for up to 80 acres of forestland in the Teanaway and Swauk watersheds.	July 2019 to June 2020	DM, CP, FM	13	\$7,090	<a href="#">RCPP</a> Project funds \$553,000 in financial assistance

Coordinate with Washington Department of Natural Resources to develop and implement projects as part of All Lands, All Hands: Building Resilient Landscapes and Fire Adapted Communities in Washington's East Cascades - Manastash-Taneum State and Private Lands proposal	July 2019- June 2020	NPM, RT	16.5	\$6,826	Coordinated with \$220,000 cost share via DNR
Coordinate with Department of Natural Resources to implement Wildfire/Forest Health Education/Outreach and Fuels Reduction Chipping project treating 50 acres, assisting two new communities to become Firewise USA Communities, and providing technical assistance to landowners	July 2019- June 2020	NPM, RT	29	\$29,509	DNR IAA
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 5 communities.	July 2019 to December 2020	NPM, RT, DM, FM	38	\$86,975	FEMA Grant (not yet awarded)
Implement the Cle Elum – Roslyn Fire Adapted Communities and Forest Resiliency Project, including a story map, maps and data of existing and planned activities across public & private, a prioritized list of opportunities, creation of an on-line map portal for landowners and documentation of methodology for results.	July 2019 to June 2020	DM, Consultant	20	\$22,296	DNR funding via subaward from Washington RC&D
Assist 20 communities to maintain Firewise USA community status and assist Hidden Valley/Swauk to maintain Fire Adapted Community status.	July 2019- June 2020	NPM, RT	11	\$5,116	<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 2019 to May 2020	RT, DM	5	\$2,413	<a href="#">NACD Technical Assistance Grant</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

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

<b>Range Health Activities for FY2020</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Support and coordinate with NRCS and WSU Extension's efforts to provide technical and financial assistance to rangeland operators.	July 2019 to June 2020	CP	2.5	\$939	<a href="#">KCCD Local Funds</a>

Support and coordinate with WSU Extension's monitoring of the grazing plan for the Wild Horse CRM.	July 2019 to June 2020	CP, RT	2	\$616	<a href="#">KCCD Local Funds</a>
Partner with Washington Department of Fish & Wildlife to install livestock watering facilities in the Teanaway Community Forest	July 2019 to June 2020	DM, CP, PM	4	\$16,842	WSCC <a href="#">RCPP</a> Contribution
Assist USDA Natural Resources Conservation Service Ellensburg Field Office to provide technical assistance to producers and BMP implementation through Farm Bill Programs	July 2019 to May 2020	RT, DM	4.5	\$1,712	<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 KFACC; Facilitate four (4) meetings of the VSP Watershed Group; protect 280 acres protected through ACEP-ALE easement; participate in four (4) partner meeting; accept two (2) applications for Healthy Forest Reserve Program

**Funding Source(s):** Washington State Conservation Commission, FEMA via Kittitas County Public Works, USDA Natural Resources Conservation Service RCPP Funds, KCCD Local Funds

<b>Development and Natural Resource Impacts Activities for FY2020</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 2019 to June 2020	CP, DM	12	\$13,053	<a href="#">KCCD Local Funds</a>
Under RCPP project " <a href="#">Yakima Basin Integrated Plan- Toppenish to Teanaway</a> ", work with conservation partners to complete an Agricultural Conservation Easement Program (ACEP) - Agricultural Land Easement (ALE) project on 280 acres	July 2019 to June 2020	DM, CP, FM	9	\$7,240	Also \$850,000 in <a href="#">RCPP</a> funds and \$937,500 in RCO funds
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 2019 to June 2020	DM	3	\$4,852	KCCD Local Funds
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 2019 to June 2020	DM	5	\$2,660	<a href="#">KCCD Local Funds</a>
Continue to participate in and facilitate the Kittitas Fire Adapted Communities Coalition (KFACC) and implement the Plan of Work	July 2019 to June 2020	NPM, DM, RT	26	\$22,564	<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 FY2020</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 2019 to June 2020	DM, FM, PM, RT	9.5	\$8,641	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 2019 to June 2020	DM, Consultant	10.5	\$7,660	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 2020	CP, RT, FM, Volunteers	27	\$6,854	<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 2019 to June 2020	DM, FM, Franklin CD	0.5	\$1,297	<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 2019 to June 2020	RT	11	\$3,680	<a href="#">KCCD Local Funds</a>
Implement the <a href="#">Kittitas County VSP Outreach Plan</a> to ensure the agricultural community and other interested parties are informed of all aspects of VSP	July 2019 to June 2020	DM, CP, PM, RT	32	\$28,159	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 2019 to June 2020	DM	11	\$5,339	<a href="#">KCCD Local Funds</a>
Assist with Wildfire Awareness Day events including workshops, materials and coordinating presentations	February 2020 to May 2020	RT, NPM	3	\$1,580	DNR, FAC Grants
<a href="#">Kittitas County Fair</a> - Community Education Booth to reach 60,000 attendees	Sept 2019	DM, RT, FM	8	\$2,662	<a href="#">KCCD Local Funds</a>

KCCD Annual Meeting and Awards Dinner	Feb 2020	All Staff, Board of Supervisors	7.5	\$3,001	<a href="#">KCCD Local Funds</a>
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**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 FY2020</b>	<b>Target Dates</b>	<b>Person Responsible</b>	<b>Time (Days) Required</b>	<b>Estimated Funding</b>	<b>Notes</b>
Complete Supervisor elections and appointments, and recruit one new Associate Supervisor	Dec 2019 to March 2020	DM, FM, Board of Supervisors	10.5	\$3,050	1 elected and 1 appointed position
Complete 12 monthly meetings and 4 special meetings of the Board of Supervisors	July 2019 to June 2020	DM, FM, Board of Supervisors	68	\$17,856	
Perform timely vouchering for all grant sources, track funding and expenditures, complete payroll functions, and manage staff	July 2019 to June 2020	FM, DM, Board of Supervisors	122	\$51,944	
Complete Annual Financial Report, Annual Plan of Work, and Annual Report of Accomplishments.	August 2019 to May 2020	DM, FM, Board of Supervisors	24	\$7,030	
Update KCCD Long Range Plan including public meeting, surveys and partner meetings	Dec 2019 to June 2020	DM, FM, Board of Supervisors	15.5	\$6,716	
Review and update KCCD Operations Handbook (Purchasing & Contracting, Personnel, Cost Share policies) as needed.	July 2019 to June 2020	DM, FM, Board of Supervisors	3	\$790	
Complete employee evaluations and review of salaries/wages	March 2019 to May 2020	DM, Board of Supervisors	3.9	\$1,306	
Complete Annual Report of Activities for KCCD System of Rates & Charges and conduct annual meeting with Kittitas Board of County Commissioners to discuss on-going programs, projects and funding	March 2020	DM, Board of Supervisors	8.5	\$3,351	
Complete tax roll updates with Kittitas County Assessor for KCCD System of Rates & Charges	Dec 2019 to January 2020	DM	3	\$1,506	

Meet regularly with Roslyn and Cle Elum City Council and/or staff to prioritize technical assistance and develop natural resource related projects and programs	July 2019 to June 2020	DM, Board of Supervisors	5	\$1,701	
Provide Engineering Services to North Central Engineering Cluster (Okanogan, Cascadia, South Douglas, & Foster Creek CDs) for various natural resource improvement projects	July 2019 to June 2020	PE, DM, FM	112	\$62,297	<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 2019 to June 2020	All Staff	24	\$9,400	
Supervisor training ( <a href="#">WADE</a> , <a href="#">WACD</a> , etc.)	July 2019 to June 2020	Board of Supervisors	12	\$1,431	
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 2019 to June 2020	DM, FM, RT, Board of Supervisors	44	\$60,787	
Lease office space for the USDA Service Center (Natural Resources Conservation Service & Farm Service Agency)	July 2019 to June 2020	Board of Supervisors	4	\$16,665	

**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**



# FY2020 Annual Budget (7/1/19 – 6/30/20)

## Kittitas County Conservation District

Object	Budget
<b>Salaries &amp; Wages</b>	<b>\$417,320</b>
<b>Personnel Benefits</b>	<b>\$147,365</b>
<b>Supplies</b>	<b>\$69,631</b>
Office & Operating Supplies	\$48,781
Fuel Consumed	\$3,650
Small Tools & Minor Equipment	\$2,200
Repairs and Maintenance (Vehicles)	\$15,000
<b>Services</b>	<b>\$2,025,134</b>
Professional Services	\$295,007
Travel	\$8,521
Insurance	\$11,323
Utilities	\$10,603
Property Taxes	\$8,312
Miscellaneous	\$55,368
Project Construction	\$1,636,000
<b>Capital Facilities (Escrow Payments)</b>	<b>\$60,060</b>
<b>Cost Share</b>	<b>\$1,697,288</b>
<b>Contingency</b>	<b>\$30,000</b>
<b>TOTAL</b>	<b>\$4,446,798</b>

Fund Source	Ending Date (mo/year)	Total Grant/Program Budget	Expected Income in FY 2020
<b>Direct Federal Funds</b>			
USDA Natural Resources Conservation Service- RCPP	Jul-22	\$332,693	\$0
USDA Natural Resources Conservation Service- Emergency Lease	Annual	\$11,460	\$11,460
<b>Indirect Federal Funds</b>			
Yakima Tributary Access & Habitat Program (BPA via RC&D)	Mar-20	\$263,809	\$263,809
Salmon Recovery Funding Board -Cooke Creek Screening & Passage	Sep-22	\$396,812	\$350,558
NACD Technical Assistance Grant	Jun-20	\$62,924	\$62,924
FEMA- Kittitas County Fire Marshal's Office*	Sep-21	\$250,000	\$86,975
Washington RC&D Fire Adapted Communities Grant	Dec-19	\$24,202	\$18,634
US Bureau of Reclamation via Kittitas Reclamation District	Annual	\$57,197	\$19,659
East Cascades Joint Chiefs (USDA USFS via Washington DNR)	May-20	\$30,000	\$6,826
<b>State Funds</b>			
WA State Conservation Commission Implementation Grant	Jun-20	\$95,600	\$95,600
WA State Conservation Commission Natural Resource Investment	Jun-20	\$125,000	\$102,850
WA State Conservation Commission Irrigation Efficiencies	Jun-20	\$25,860	\$25,860
WA State Conservation Commission Professional Engineering	Jun-20	\$75,000	\$75,000
WA State Conservation Commission RCPP Contribution	Jun-21	\$1,098,600	\$194,601
WA State Conservation Commission Voluntary Stewardship Program	Jun-21	\$238,000	\$101,370
WA Dept. Ecology - Manastash Pipelines Project	Dec-19	\$2,141,165	\$772,143
WA Dept. Ecology - Upper Yakima RCPP Efficiency Improvements	Jun-20	\$500,000	\$490,418
WA Dept. Ecology - Upper Yakima River Restoration (KCT)	Jun-20	\$379,077	\$350,940
WA Dept. Ecology - 2019 Drought Response	Jun-20	\$98,500	\$30,274
Brian Abbott Fish Barrier Removal Board (Coleman 03.41)	Jun-21	\$606,762	\$538,936
Brian Abbott Fish Barrier Removal Board (Cooke Creek)*	Jun-21	\$688,543	\$590,068
Brian Abbott Fish Barrier Removal Board Caribou Creek)*	Jun-21	\$355,334	\$10,000
Brian Abbott Fish Barrier Removal Board (Parke Creek)*	Jun-21	\$302,953	\$5,000
Washington RC&D - WA Dept. of Natural Resources	Sep-20	\$47,000	\$22,296
WA Dept. of Natural Resources - Chipper Crew*	Jun-20	\$30,568	\$29,509
<b>Local/Private Funds</b>			
Kittitas County Road Funds- PAM Cost Share	Annual	\$5,000	\$3,000
Kittitas County Local Funds (Rates & Charges)	Annual	\$172,315	\$172,315
Puget Sound Energy - Wild Horse Facility Conservation Easement	Annual	\$7,500	\$4,500
Kittitas Fire Adapted Communities Coalition (KFACC) Contributions	Annual	\$5,833	\$5,000
2211 W Dolarway Rd - Lease and Triple Net Income	Annual	\$4,848	\$4,848
Donations for Agriculture Appreciation Day	Annual	\$1,150	\$1,150
Interest Income	Annual	\$275	\$275
<b>TOTAL</b>		<b>\$8,433,980</b>	<b>\$4,446,798</b>