



FY2010 (7/1/09 – 6/30/10) 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*

Natural Resource Priorities and Goals:

- *Irrigation Water Use Efficiency – Improve Irrigation Efficiencies on 95 acres of irrigated cropland and plan irrigation efficiencies on another 200 acres; plan irrigation delivery improvements on two canals; and install small acreage projects to improve efficiencies on 20 acres.*
- *Soil Erosion - Apply PAM to 1,800 acres of irrigated cropland to reduce sediment in return flow; and continue to improve Cle Elum River floodplain by blocking vehicle access and restoring damaged areas.*
- *Fish Passage - Eliminate 12 barriers to fish passage to allow access to 13 miles of habitat; and plan the removal of 10 more fish passage barriers in tributaries to the Yakima River.*
- *Fish Screens - Install approved screening structures or facilities at 9 irrigation water diversions and plan 2 additional installations*
- *Water Quality- Continue the small acreage technical and financial assistance program that specifically includes small livestock owners and targets landowners; work with City of Cle Elum to assess/inventory stormwater sources and structures and plan a small stormwater project; and work with Kittitas County Water District No. 6 on a plan to address wastewater treatment system improvements.*
- *Riparian Habitat- Install grasses, trees and shrubs on 0.9 acres of riparian area on Parke Creek, Cherry Creek, Manastash Creek; plan additional plantings on Wilson Creek, Manastash Creek, and Dry Creek; and maintain trees and shrubs planted in FY2005-FY2009.*
- *Small Parcels and Natural Resource Impacts – Continue the new landowner orientation program including information packets and on-site visits to provide information about weed control, irrigation, wildlife habitat, water quality and fire protection.*
- *Land Fragmentation – Work with partnering groups to understand and promote farmland conservation programs.*
- *Forestland and Rangeland Health- Assist the Wild Horse CRM group in completion of a grazing management plan for 60,000 acres of shrub-steppe; work a private landowner and Washington Department of Fish & Wildlife to monitor a conservation easement on rangelands; work with Department of Natural Resources and others on Community Fire planning and implementing urban/wildland interface BMPs for wildfire prevention and control.*
- *Assess Water Quality- Collect water temperature data in the Manastash Watershed*

Information – Education Priorities and Goals:

- *KCCD's Long Term Goal- Provide information/education opportunities to all ages and backgrounds in order to increase their knowledge and understanding of natural resources in Kittitas County using venues such as newsletters, a website, workshops and public events.*
- *Youth Education Goal-Offer educational opportunities to 300 K-12 students in Kittitas County*
- *Private Landowner Goal- Offer educational materials (four newsletters, handbooks, manuals, etc.) and opportunities (workshops, field tours) to private landowners, with specific information being provided to small acreage landowners (< 20 acres) and urban landowners (Cle Elum).*

Program Area: Irrigation Efficiency Improvements

Goal(s): Provide irrigators/ landowners with opportunities to improve irrigation delivery and application systems and improve in-stream flow.

Funding Source(s): Implementation Grant (WSCC), Special Assessment funds, Irrigation Efficiencies (Washington Conservation Commission), Department of Ecology (Water Infrastructure Funds), Manastash In-stream Flow Enhancement (Bonneville Power Administration) and Columbia River Basin Water Management Program (MWDA Pipeline).



Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Improve delivery and application of irrigation to and on small acreages using Implementation Funds on approximately 20 acres.	July 2009 to June 2010	RTI, PE	34	\$34,415
Manastash Restoration Project- Install a sprinkler system on 90 acres under the Menastash Water Ditch Association (MWDA)	July 2009 to March 2010	PM, RTI, DM	55	\$375,390
Manastash Restoration Project- engineer and design a pipeline for the MWDA ditch to Hanson Road and construct a portion of the pipeline.	July 2009 to June 2010	PM, DM, PE, Consulting Engineer	265	\$371,977
Develop 4 Irrigation Efficiencies projects (Teaway, Fogarty, Wilson Creek, Taneum) and search for implementation funding	July 2009 to June 2010	RTI, DM	12	\$3,382
Develop project on 3M Ditch in the Teaway to convert the ditch to alternate water sources and decommission the ditch	July 2009 to June 2010	RTI, DM	8	\$2,512
Work with USBR and Bruton water users for alternate water source in order to trust instream rights.	July 2009 to June 2010	RTI, DM	8	\$2,512

Program Area: Water Measurement

Goal(s): Assist water right holders to comply with Yakima County Superior Court Order to install water measuring devices.

Funding Source(s): Washington Department of Ecology

Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Assist 40 water right owners to install water measuring devices on their surface water diversions in Kittitas County (including technical assistance).	July 2009 to June 2010	RTI, FM, PM	31	\$148,565

Program Area: Fish Screening, Passage and Habitat

Goal(s): Assist private landowners with fish screening, passage and habitat issues.

Funding Source(s): Funding is expected from Bonneville Power Administration via South Central RC&D and through 1 direct contract for Jack Creek and Indian Creek; Salmon Recovery Funding Board (3 current grants), Department of Ecology (Water Infrastructure, Manastash Restoration Project), Western Federal Lands Highway Division, USFWS Partners Grant.



Activities for FY2010	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding
Continue to participate in the YTAHP Core Team and develop projects with private landowners, determining project needs and securing funding.	July 2009 to June 2010	DM, RTY, RTI	57	\$16,953
Finalize design, procure permits, and remove two diversion structures (barriers) on Lower Reecer Creek allowing access to 1.5 miles of habitat.	July 2009 to Feb 2010	DM, PE, RTY	27	\$33,361
Replace culverts on Jack and Indian Creek in the Teanaway to correct fish passage barriers and allow access to 9 miles of additional habitat.	July 2009 to Oct 2009	DM, RTY, PE, RTI, PM, Consultants	215	\$798,414
Finalize design and procure permits to reconstruct two diversions on Cherry Creek to accommodate fish passage allowing access to 2 miles of habitat; install a fish screens; and construct a pump station with proper fish screens.	July 2009 to Oct 2009	DM, PE, RTY, RT, Consultants	90	\$460,563
Install fish screen and remove passage barrier at stream mile 1.0 on Coleman Creek allowing access to 0.5 miles of habitat	Oct 2009 to Dec 2010	DM, RTI, Consultants	56	\$114,705
Complete feasibility report, design reports, and bid ready designs for the Coleman Creek- Ellensburg Water Company Project including a siphon, a fish screen and ladder for the diversion and options for delivering to shareholders.	July 2009 to March 2010	DM, PE, RTY, Consultants	112	\$110,495
Remove a fish passage barrier on Parke Creek allowing access to 0.1 miles of habitat	July 2009 to Jan 2010	PE, RTY, DM	20.5	\$58,024
Manastash Restoration Project- Construct facilities to provide fish screens and fish passage at Barnes Road allowing access to 1.5 miles of habitat.	July 2009 to April 2010	PM, DM, PE, RTY, RTI, Consultants	162	\$794,941
Manastash Restoration Project- Remove the "Abandoned Dam" to restore fish passage into 0.64 miles of habitat.	July 2009 to April 2010	PM, DM, PE	22	\$37,101
Manastash Restoration Project- Construct facilities to provide fish screens and fish passage at the Consolidated/MWDA Diversion. The Consolidated Diversion includes 8,000' of pipe)	July 2009 to April 2010	PM, DM, PE, RTY, RTI, Consultants	189	\$265,161

Program Area: Riparian Habitat Improvements

Goal(s): *Plant trees, shrubs and grasses on 0.9 acres of riparian lands and maintain FY05-FY09 plantings on 5.2 acres.*

Funding Source(s): *Yakima Tributary Access and Habitat Program (BPA via South Central RC&D); Ecology Water Infrastructure grants; Conservation Commission Implementation grant; and CREP.*



Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Plan and contract three CREP plantings on Manastash, Wilson Creek and Dry Creek.	July 2009 to June 2010	DM, RTY, PM	27	\$7,527
Complete riparian planting plan for 2.5 acres on Coleman Creek (Burris, Nisbet), 1.5 acres on Manastash Creek (E/W of Cove Road), and assist with plan for 40 acres on Lower Reecer Creek	July 2009 to June 2010	RTY, TT	13	\$3,531
Complete YTAHP Plantings on 0.1 acre on Parke Creek, 0.5 acres on Cherry Creek, and 0.5 acres on Manastash Creek	July 2009 to June 2010	RTY, WCC Crew	54	\$51,112
Maintain 0.2 acre on Coleman Creek, 2.0 acres on lower Wilson Creek, 0.5 acres on Currier Creek, and 1.5 acres on Lmuma Creek	July 2009 to June 2010	RTY, TT, WCC Crew	30	\$27,620

Program Area: Water Quality and Quantity Monitoring

Goal(s): *Collect water quality (temperature, discharge) data*

Funding Source(s): *Kittitas County Special Assessment Funds; Manastash In-stream Flow Enhancement Project (BPA); Yakima Tributary Access & Habitat Program (YTAHP).*



Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Manastash Restoration Project- monitor temperature and discharge at 18 locations on Manastash Creek and in the Manastash Creek diversions.	July 2009 to June 2010	PM, TT, RTY, Consulting Engineer	95	\$32,341
YTAHP Program- collect stream discharge and temperature data at 15 locations in the Kittitas Valley	July 2009 to June 2010	RTY, RTI, TT	55	\$10,085

Program Area: Reduce Erosion and Improve Water Quality

Goal(s): *Apply polyacrylamide to 1,800 acres of irrigated cropland and assist 15 small acreage and/or livestock owners. Work with urban and suburban landowners to determine stormwater management needs, and restore floodplain by blocking vehicle access and de-compacting soils.*

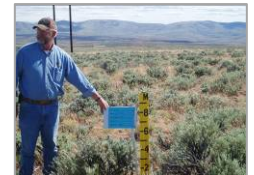
Funding Source(s): *Washington Conservation Commission, Ecology Centennial Grants (Upper Yakima Tributary Upper Kittitas County Water Quality Planning and Improvement Project – Stormwater and Cle Elum River ELJ), Kittitas County Special Assessment Funds, Kittitas County Road Fund, and Hussman Grant (Cle Elum River)*

Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Provide cost share assistance to 18 landowners for PAM and PAM applicators on approximately 1,800 acres.	July 2009 to June 2010	DM, FM, RTI	28	\$14,716
Provide technical assistance to 30 landowners (including small acreage landowners, and livestock operators).	July 2009 to June 2010	DM, GS, PE, RTI, RTY	30	\$15,159
Work with City of Cle Elum to inventory stormwater sources and structures and to begin modeling stormwater	July 2009 to June 2010	DM, GS, TT	106	\$31,577
Continue work on Cle Elum River Floodplain Restoration by moving campsites and parking areas away from the active floodplain and restoring those sites.	July 2009 to June 2010	DM, FM	3	\$50,000
Implement Cle Elum River ELJ project to reactivate a side channel near Domerie Creek	July 2009 to June 2010	DM, FM	10	\$230,000
Assist Kittitas County Water District No. 6 with project to replace sewer lift station to prevent spill into Wanapum Lake	July 2009 to Dec 2009	DM, FM	6	\$1,976

Program Area: Forestland and Rangeland Health

Goal(s): *Assist Wild Horse CRM Project to create management plan for 60,000 acres of shrub-steppe rangeland and work with private forestland owners to implement best management practices to reduce wildfire risk and improve forest health.*

Funding Source(s): *Washington Conservation Commission, Kittitas County Special Assessment Funds, Skagit Conservation District Firewise Grant*



Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Assist with facilitation of the Wild Horse CRM meetings	July 2009 to June 2010	RTI, DM, Consultants	5	\$1,643
Work with Puget Sound Energy and Washington Department of Fish & Wildlife to monitor the conservation easement on 6,500 acres with the Wild Horse CRM area.	July 2009 to June 2010	DM, GS	3	\$986

Provide a technical assistance and cost share program for landowners to implement fire prevention BMPs (e.g. Firewise) and continue to research other funding sources to expand the program.	July 2009 to June 2010	DM, GS	37.5	\$39,571
Participate in community wildfire planning efforts in Sky Meadows and other communities as requested	July 2009 to June 2010	DM, GS	25	\$7,652

Program Area: *Fragmentation of Agricultural Lands*

Goal(s): *Research potential programs and funding sources to protect farmland from development.*

Funding Source(s): *Washington Conservation Commission, Kittitas County Special Assessment Funds*

Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Continue to research the use of conservation easement programs to protect viable agricultural lands from development.	July 2009 to June 2010	DM, GS	2	\$657

Program Area: *Information/Education*

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 venues such as newsletters, a website, workshops and public events.*

Funding Source(s): *Kittitas County Special Assessment, Washington Conservation Commission Implementation Grant, Roy & Marge Bach Memorial Plant Sale*



Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Conduct Roy & Marge Bach Memorial Conservation Plant Sale (4,000 seedlings to 80 customers)	Jan 2010 to April 2010	FM, Volunteers	5	\$6,317
Work with WSU Extension to host seven Small Acreage Management workshops	Sept 2009 to Dec 2009	RTI	5	\$2,829
Host a summer field tour to discuss biosolids and soil conditioning	July 2009	DM, GS	2.5	\$8,510
Complete quarterly newsletters with circulation of 7,500	July 2009 to June 2010	GS, DM FM	12	\$10,963
Manage and maintain website for public outreach and information about KCCD projects and programs	July 2009 to June 2010	GS, DM FM	8.5	\$10,199
Provide natural resource education to K-12 students (plant sale grants, Ag Day)	July 2009 to June 2010	RTI, DM, FM	6.25	\$3,855

Program Area: *District Operations*

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

Funding Source(s): *Kittitas County Special Assessment, Washington Conservation Commission Good Governance, overhead on all grants.*



Activities for FY2010	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Complete internal audit, Annual Financial Report, Annual Plan of Work, and Annual Report of Accomplishments.	August 2009 to May 2010	DM, FM, Board of Supervisors	21	\$6,323
Review existing KCCD policies (Purchasing & Contracting, Personnel, Cost Share) and continue to develop KCCD Operations Manual.	July 2009 to June 2010	DM, FM, Board of Supervisors	7.5	\$3,690
Update KCCD Long Range Plan	Dec 2009 to Mar 2010	DM, GS, Board of Supervisors	25	\$6,665
Complete Supervisor elections and appointments, and recruit one new Associate Supervisor.	Dec 2009 to March 2010	FM, DM, Board of Supervisors	10	\$2,617
Complete employee evaluations and review of salaries/wages	March 2009 to May 2009	DM, Board of Supervisors	6	\$1,676
Complete 12 monthly meetings and 4 special meetings of the Board of Supervisors and offer 2 training opportunities to Supervisors and Staff.	July 2009 to June 2010	DM, FM, Board of Supervisors	223	\$19,354
Complete final design for Rural Service Center and secure funding for construction	July 2009 to June 2010	DM, GS, Board of Supervisors, Architect	63	\$50,592
Complete monthly vouchers for 20 different grants, monitor budgets, complete status reports and complete monthly payroll functions.	July 2009 to June 2010	FM, DM, Board of Supervisors	102	\$27,465
Meet with the Kittitas Board of County Commissioners to discuss ongoing programs, projects and funding.	March 2010	DM, Board of Supervisors	3	\$988

Person Responsible Key

DM- District Manager (Anna Lael)

FM- Financial Manager (Sara Leist)

GS- GIS Specialist (Suzanne Wade)

PE- Professional Engineer (Ryan Roberts)

RTI- Resource Technician Irrigation Efficiencies (Mark Crowley)

RTY- Resource Technician Yakima Tributary Access & Habitat Program (D.J. Shook)

PM- Project Manager (Sherry Swanson)

TT- Temporary Technicians



Washington Conservation Districts assisting land managers with their conservation choices



FY2010 Annual Budget Kittitas County Conservation District

District budget for FY2010 (7/1/09 – 6/30/10)

The following budgets detail both project expenses by object (salaries, benefits, supplies, etc.) and by project/grant.

Object	Budget
Salaries & Wages	\$348,000
Personnel Benefits	\$127,500
Office & Operating Supplies	\$41,500
Fuel Consumed	\$7,500
Supplies Purchased for Resale	\$4,500
Small Tools & Minor Equipment	\$2,000
Repairs & Maintenance (Vehicles)	\$2,400
Professional Services	\$582,192
Communication	\$7,000
Travel	\$4,500
Advertising	\$5,000
Insurance	\$7,000
Miscellaneous	\$15,000
Subtotal	\$1,154,092
Cost Share	\$562,500
Project Construction	\$2,695,584
Subtotal	\$3,258,084
TOTAL	\$4,412,176

State Funds	Total Budget	Expected '09 Expenditures
WA Conservation Commission Good Governance Grant	\$10,700	\$10,700
WA Conservation Commission Implementation Grant	\$39,410	\$39,410
WA Conservation Commission Irrigation Efficiencies	\$30,000	\$30,000
WA Conservation Commission Professional Engineering	\$76,500	\$76,500
WA Conservation Commission CREP Technical Assistance	\$13,000	\$13,000
Ecology Water Metering	\$880,000	\$140,000
Ecology Water Infrastructure Funds (Coleman, Original)	\$784,000	\$175,000
Ecology Manastash Restoration Project	\$2,240,000	\$950,000
Ecology Hussman Fund (Cle Elum River II)	\$50,000	\$50,000
Ecology Upper Kittitas County Water Quality (CCWF)	\$112,958	\$35,000
Ecology Cle Elum River ELJ Project (CCWF)	\$250,000	\$230,000
Ecology Columbia River Management Program	\$376,068	\$100,000
Indirect Federal Funds		
Yakima Tributary Access & Habitat Program (BPA via RC&D)	\$357,958	\$357,958
Manastash In-stream Flow Enhancement (BPA)	\$893,000	\$300,000
Jack Creek/Indian Creek Culvert Replacements (BPA)	\$213,000	\$213,000
Western Federal Lands Hwy Division	\$340,000	\$300,000
Salmon Recovery Funding Board- Jack/Indian Creek, Cherry Creek, Coleman Creek Planning	\$1,521,103	\$1,221,108
US Fish & Wildlife Service- Partnership grants (Jack/Indian Creek and Abandoned Dam)	\$48,000	\$48,000
Skagit CD Firewise Grant	\$15,000	\$4,000
Local Funds		
Kittitas County Road Funds	\$7,500	\$3,500
Kittitas County Special Assessment Funds	\$140,000	\$115,000
TOTAL	\$8,398,197	\$4,412,176