



## FY 2017 (7/1/16 – 6/30/17) Annual Work Plan South Yakima Conservation District

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### **Mission of the South Yakima Conservation District**

- Our primary goal is to promote the wise use, development, and conservation of our renewable natural resources.
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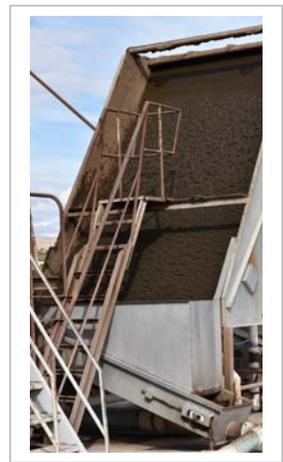
### **Natural Resource Priorities (In Priority Order)**

- Water quality - Surface and Ground (Off-site transport of sediment from rill and wind erosion. Excess nutrients in surface and ground waters through surface run-off, leaching into shallow ground waters.)
    - State and local natural resource concern – NRCS Resource Assessment, Local GWMA, and Yakima County Voluntary Stewardship Program (VSP).
  - Soil Erosion by Water and Air (Transport of soil particles caused by rainfall run-off, irrigation run-off, or by wind.)
    - State and local natural resource concern - NRCS Resource Assessment, Local TMDL, Roza/Sunnyside Board of Joint Control policy of 25 NTU.
  - Air Quality (Excessive greenhouse gases, particulate matter, chemical drift, objectionable odors)
    - National, State, Regional and local natural resource concern – NRCS Quality Criteria, Yakima Regional Clean Air Authority.
  - Energy Use/Efficiency (Energy conservation on facilities and landscape farming & ranching.)
    - State and local natural resource concern - NRCS Resource Assessment, Utility incentive programs, WSU On-Farm Energy Program.
  - Water Quantity & Water Reclamation/Conservation (Inadequate water storage and supply, inefficient water use.)
    - National, State and local natural resource concern – NRCS National Resource concern, local Yakima Basin Integrated Plan.
  - Noxious Weeds (Control noxious weeds).
    - Local natural resource concern – NRCS Quality Criteria, Central Weed Management Area.
  - Wildlife Habitat (Protect & Improve Wildlife habitat improvement)
    - Local natural resource concern – Department of Fish & Wildlife
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### 1. Natural Resource Priority Program Area: Water Quality – Surface and Ground

Goal(s): (1) Reduce potential tail-water (surface) contaminants from irrigated crop land.

Natural Resource Measurable Result Objective: Contaminated run-off from tail-water will be reduced on approximately 150 acres.

Programmatic Measurable Result Objective: Work with all irrigation districts to provide technical assistance as requested to those landowners who do not meet the Irrigation District's policy of 25 NTU.

(2) Reduce potential groundwater contamination from irrigated crop land.

Natural Resource Measurable Result Objective: Promote proper nutrient management and irrigation water management Best Management Practices on approximately 250 acres.

Programmatic Measurable Result Objective: Provide technical assistance to approximately 12 landowners resulting in the implementation of 12 Nutrient Management and IWM Plans.

Funding Source(s): WSCC, Local Assessment, Potential Future Grants

Activities for FY2017	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Maintain contact with DOE regarding the status of all sediment impaired water bodies with TMDL's including the Yakima River, Granger Drain Fecal Coliform TMDL and the Sulphur Creek & Lower Yakima Sediment TMDL process. Contact 1X at minimum.	6/30/17	Laurie	.5	\$190	
Participate in at least 2-3 informational webinars/ meetings/ workshops on nutrient management and new alternative methods and technology in this field.	6/30/17	Laurie Landon	1 1	\$385 \$225	
Promote Nutrient Management Practices through nutrient testing, record keeping, technical assistance, and outreach & education. Send out at least one fall electronic newsletter to dairy operators.	9/30/16	Laurie	4	\$1730	
Provide Technical Assistance to livestock producers in developing Dairy Nutrient Management Plans and planning and implementation of Water Quality BMP's.	6/30/17	Laurie Landon	130 83	\$49,920 \$18,592	
Host/Co-Host outreach/education meetings/workshops on nutrient management, irrigation water management and new alternative BMP's.	6/30/17	Laurie Landon	3 2	\$1140 \$ 450	



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Continue to work with all local, state and federal agencies (WDOE, WDOA, County Commissioners, and EPA, etc.) regarding the nitrates in the groundwater and wells and serve on the Lower Yakima Valley Groundwater Management Area (GWMA) Advisory Committee. Attend regular GWAC meetings and sub-committee meetings as scheduled.	6/30/17	Laurie Jim (alternate)	12	\$4610	Sub-Committee meetings include: Irrigated Ag, AFO/Livestock, Regulatory, and Data.
Continue assisting Yakima County with the GWMA Soil Sampling for the lower Yakima Valley in accordance with Interlocal Agreements with Yakima County.	6/30/17	Laurie Landon	2 5	\$770 \$1120	
Participate in the Yakima County Voluntary Stewardship Program's Watershed Group to develop a work plan to protect critical areas while maintaining the viability of agriculture in the watershed.	6/30/17	Laurie Troy Schilperoort	3 3	\$1152 Voluntary	

### 2. Natural Resource Priority Program Area: Soil Erosion by Water and Air

Goal(s): Decrease soil erosion from sheet, rill and wind by providing producers with proper conservation practices that will mitigate soil loss. Be proactive and keep from being designated as a non-attainment area. All Conservation Plans will meet NRCS soil loss tolerant "T".

Natural Resource Measurable Result Objective:

Programmatic Measurable Result Objective:

(1) Reduce air erosion by promoting appropriate BMP's that will mitigate soil loss.

Natural Resource Measurable Result Objective: Conservation tillage will prevent soil loss due to wind on 850 acres.

Programmatic Measurable Result Objective: Provide the use of the Inter-Seed drill to 40 landowners.

(2) Reduce water erosion.

Natural Resource Measurable Result Objective: Reduce soil loss from irrigation by 15 tons/year

Programmatic Measurable Result Objective: Provide technical assistance to 3-5 landowners to convert surface irrigation systems to sprinkler systems and implement 3-5 IWM plans.

Funding Source(s): WSCC, Local Assessment, Potential Future Grants



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Activities for FY2017	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Seek funding for irrigation BMP's/irrigation conversion and distribution efficiency by making contacts and submitting grant proposals.	On-going	Staff Third Party	3	\$1,800	
Support and promote surface irrigation conversions and soil moisture monitoring. Provide landowner cost share when available.	6/30/17	Landon	16	\$3,285	
Provide technical assistance to 10 producers and cost-share (dependent on funding) to 1 – 5 of those producers to emphasize the high priority of resource protection caused by soil erosion due to irrigation.	6/30/17	Landon Laurie	100 4	\$22,400 1,540	
Provide the use of the Inter-Seed Drills to 40 growers to improve soil health, and reduce wind and soil erosion.	6/30/17	Landon Laurie	3 2	\$675 \$768	
Attend 1 to 3 informational meetings/ workshops/ webinars on irrigation water management and new alternative methods and technology in this field.	6/30/17	Landon Laurie	1 1	\$225 \$385	

### 3. Natural Resource Priority Program Area: Air Quality

Goal(s): Work with the local NRCS agency and the Yakima Regional Clean Air Authority to help agricultural producers meet air quality compliance requirements.

Natural Resource Measurable Result Objective: Reduce On-farm particulate matter (PM10) by implementing BMP's, such as No-till.

Programmatic Measurable Result Objective: Assist 10 agricultural/livestock/dairy landowners in the implementation of available Air Quality BMP's that will reduce emission of air contaminants.

Funding Source(s): WSCC, Local Assessment, NRCS, Yakima Regional Clean Air, Potential Future Grants

Activities for FY2017	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
As a member of the Yakima Regional Clean Air Agency (YRCAA), attend quarterly meetings for the Agricultural Task Force.	6/30/17	Laurie Landon (alternate)	.5 .5	\$190 \$112	



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As a member of the Yakima Regional Clean Air Agency (YRCAA), attend meetings as scheduled for the Dairy Workgroup.	6/30/17	Laurie Landon	.5 .5	\$190 \$112	
Assist dairy/livestock producers with developing/updating YRCAA required yearly Clean Air Plans.	6/30/17	Laurie Landon	1 .5	\$380 \$160	

District Program Area: 1. District Operations

Goal(s): Provide training and ongoing education to District Staff and Supervisors. Continue to seek appropriate funding to enhance the long range goals of the District, and work with other Districts and Agencies to improve program efficiency.

Funding Source(s): WSCC, Local Assessment, Potential Grants

Activities for FY2017	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Coordinate various District activities and programs in a timely manner.	6/30/17	Laurie	40	\$17,360	
Complete Internal Audit (Schedule 22) yearly and review at a monthly Board Meeting.	3/31/17	Supervisors Laurie	0.25 0.25	Volunteer \$95	
Complete and submit yearly State Auditor's Report	5/29/17	Laurie	4	\$1,540	
Supervisors complete at least 1 training session during year. (at WACD or a district's work/training day)	6/30/17	Supervisors	1	Volunteer	
Each staff/supervisor to attend one training session. (Webinars or workshops)	6/30/17	Staff Supervisors	1 1	\$600 Volunteer	
Review Annual Plan of Work a minimum of 4 X per year (Quarterly).	6/30/17	Supervisors Staff	0.25 0.25	Volunteer \$150	
Review Long Range Plan yearly and update as necessary	6/30/17	Supervisors Staff	0.25 0.25	Volunteer \$150	

Support and coordinate with the South Central RC&D Program by a board representative attending at least 3 meetings/year	6/30/17	Jim Newhouse Laurie	1 .5	Volunteer \$200	
Promote and implement on-farm water conservation BMP's.	6/30/17	Staff Supervisors	2 2	\$1160 Voluntary	
Maintain awareness of water storage issues by attending at least 1 meeting concerning water storage alternatives. Promote the Integrated water basin plan.	6/30/17	Supervisors Landon	.5 .5	Volunteer \$160	
Seek Water Quality and Irrigation BMP's cost share funding for landowners by contacting legislators and other appropriate officials 3X/yr.	6/30/17	Supervisors Staff	1 1	Volunteer \$600	
Coordinate with other Conservation Districts and NRCS, to enhance program efficiencies, by attending at least 1 LWG meeting.	4/28/17	Supervisor Laurie	1 1	Volunteer \$380	
Update assessment data through-out the year and submit to Yakima County, as directed, to facilitate processing of District Assessment funding.	1/6/17	Laurie	3	\$1,150	
Conduct 1 Supervisor orientation training session for new and existing supervisors.	4/31/17	RM	0.5	Non CD	
Review existing policy manuals, personnel policies, RCW89.08, agreements with conservation partners and position descriptions for staff 1 X per year.	10/30/17	Staff Supervisors	0.25 0.25	\$50 Volunteer	
Participate in statewide committee work by attending at least 1 meeting.	6/30/17	Staff	1	\$1200	
Develop training plan for supervisors and employees	10/30/17	Laurie	1	\$385	
Work with the Yakima Valley Fire Adapted Coalition and other existing organizations to promote achieving greater effectiveness in addressing wildfire issues. Regularly attend meetings.	6/30/17	Landon	2	\$450	



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District Program Area: 2. Information and Education

Goal(s): Provide Information and Educational programs for the general public, landowners, school, and all others interested in protecting our natural resources.

Programmatic Measurable Result Objective:

Education Outreach programs will provide “hands-on” experience to 1000 students & teachers.

Funding Source(s): WSCC, Local Assessment, Potential Grants

Activities for FY2017	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Manage and maintain District website for public outreach and information on current issues, topics and district programs as needed throughout the year.	6/30/17	Laurie	2	\$770	
Update MOU with Benton Conservation District to provide Salmon in the Classroom.	10/31/16	Laurie	0.25	\$95	
Continue to work with Franklin Conservation District to provide educational programs such as Water on Wheels, Wheat Week, etc. to schools within our district boundaries.	10/31/16	Laurie	0.25	\$95	



**Annual Work Plan**  
**South Yakima Conservation District**  
**FY 2017 (7/1/16 – 6/30/17)**



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Assessment Receipts	79,205
Grant Funds	149,625
Rents, Leases	31,200
Interest Earned	220
Inter-Seed Drill Maintenance Fees	10,000
<b>ESTIMATED REVENUES</b>	<b>270,250</b>

Assessment Administration Fee	9,750
Education/Outreach	10,000
Employee Wages	129,000
Employee Benefits	27,500
Administration	25,000
Cost-Share	30,000
Operational Expenses	29,000
Inter-Seed Drill Loan Payment	10,000
<b>ESTIMATED EXPENDITURES</b>	<b>270,250</b>