



## FY 2018 (7/1/17 – 6/30/18) Annual Work Plan South Yakima Conservation District

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### Mission of the South Yakima Conservation District

- Our primary goal is to promote and assist all landowners with the wise use, development, and conservation of our renewable natural resources.

### Natural Resource Priorities (In Priority Order)

- **Water Quantity/ Irrigation Water Management** - (Irrigation conversions to prevent soil & water run-off, inefficient water use, inadequate water storage and supply).
  - State and local natural resource concern - NRCS Resource Assessment, Local GWMA, and Yakima County Voluntary Stewardship Program (VSP).
- **Water Quality/Nutrient Management** – (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 Health** - (Improve soil health through soil testing, moisture monitoring, Improve organic matter with direct seed, increase production and protect natural resources, such as air and water).
  - National, State, Regional and local natural resource concern – Local GWMA, Local Concern, NRCS Initiative.
- **Education** - (Outreach & Education for producers, youth & consumers).
  - Local Concern.
- **District Operations** – (Meet all required Conservation Accountability and Performance elements).
  - Local Concern.
- **Energy** - (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.
- **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.
- **Noxious Weeds** (Control noxious weeds).
  - Local natural resource concern – NRCS Quality Criteria, Central Weed Management Area.



## FY 2018 (7/1/17 – 6/30/18) Annual Work Plan South Yakima Conservation District



### 1. Natural Resource Priority Program Area: Water Quantity – Irrigation Water Management-Rill to Sprinkler Conversions.

**Goal(s): (1)** Promote irrigation conversions to prevent soil & water run-off, improve inefficient water use and inadequate water storage and supply.

**Natural Resource Measurable Result Objective:** Convert 6-10 surface irrigation systems on 400-600 acres of cropland to sprinkler systems.

**Programmatic Measurable Result Objective:** Work with all irrigation districts to provide technical assistance, and financial assistance if available, as requested by surface irrigated landowners.

**(2)** Reduce potential groundwater contamination from irrigated cropland with moisture monitoring as a part of IWM.

**Natural Resource Measurable Result Objective:** Promote proper irrigation water management with moisture monitoring by installing 6 to 10 soil moisture sensors on approximately 200-250 acres.

**Programmatic Measurable Result Objective:** Provide technical assistance to approximately 3-5 landowners resulting in the implementation of 3-5 IWM Plans.

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

| Activities for FY 2018  | 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. | 6/30/18      | Laurie             | .5                  | \$200             |       |
| Participate in at least 2-3 informational webinars/ meetings/ workshops on Irrigation Water Management (IWM) and new alternative methods and technology in this field.  | 6/30/18      | Laurie<br>Rodney   | 1<br>4              | \$400<br>\$970    |       |
| Support and promote surface irrigation conversions and soil moisture monitoring. Provide landowner cost-share when available.   | 6/30/18      | Rodney             | 20                  | \$4320            |       |
| Seek funding for irrigation BMP's/irrigation conversions and distribution efficiency by making contacts and submitting grant proposals.   | On-going     | Staff              | 4                   | \$2,400           |       |

|  |         |                  |         |                   |  |
|--|---------|------------------|---------|-------------------|--|
| 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. | 6/30/18 | Rodney<br>Laurie | 90<br>4 | \$19,440<br>1,600 |  |
| Develop a landowner IWM assessment questionnaire to determine the level of needs within our district.  | 6/30/18 | Rodney           |         |                   |  |
| Work with 6-10 landowners to install soil moisture monitors on 200-250 acres.  | 6/20/18 | Rodney           |         |                   |  |

## 2. Natural Resource Priority Program Area: Nutrient Management

**Goal(s):** Promote and implement proper nutrient management best management practices within the GWMA and the Yakama Nation to reduce water quality impairment.

**Natural Resource Measurable Result Objective:** Work agricultural producers to plan & implement nutrient management systems on cropland acres.

**Programmatic Measurable Result Objective:**

(1) Work with 15-20 agricultural producers to implement nutrient management systems on approximately 800 acres.

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

| Activities for FY 2018   | Target Dates | Person Responsible             | Time(Days) Required | Estimated Funding    | Notes |
|--|--------------|--------------------------------|---------------------|----------------------|-------|
| Provide Technical Assistance to livestock producers in developing Dairy Nutrient Management Plans and/or Ecology's Manure Pollution Protection Plan for the NPDES permit.                            | 6/30/18      | Laurie<br>Rodney               | 141<br>80           | \$56,400<br>\$17,280 |       |
| 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. | 9/30/17      | Laurie                         | 2                   | \$ 800               |       |
| 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.   | 6/30/18      | Laurie<br>Troy<br>Schilperoort | 3<br>3              | \$1200<br>Supervisor |       |
| Host/Co-Host 2-4 outreach/education meeting/workshops on Nutrient Management, Irrigation Water Management and new alternative BMP's.   | 6/30/18      | Laurie<br>Rodney               | 3<br>2              | \$1200<br>\$ 432     |       |

**3. Natural Resource Priority Program Area: Soil Health**

**Goal(s):** Work with producers on the importance of soil testing, nutrient cycling, cover crops, maintaining soil moisture, improving soil health on cropland acres to maintain other natural resources; water quality, air quality, and wildlife habitat.

**Natural Resource Measurable Result Objective:** Improve soil quality to reduce run-off, prevent soil & wind erosion, improve nutrient efficiencies and ensure sustainability.

**Programmatic Measurable Result Objective:** Provide the use of the Inter-Seed drill to 35-40 landowners on approximately 1000 acres through the district's Drill Rental Program. Discuss the benefits of no-till management.



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

| <b>Activities for FY2018</b>   | <b>Target Dates</b> | <b>Person Responsible</b> | <b>Time(Days) Required</b> | <b>Estimated Funding</b> | <b>Notes</b> |
|--|---------------------|---------------------------|----------------------------|--------------------------|--------------|
| Maintain and provide the use of the Inter-Seed Drills to growers to improve soil health, nutrient efficiencies and reduce wind and soil erosion.                   | 6/30/18             | Rodney<br>Laurie          | 10<br>2                    | \$2160<br>\$ 800         |              |
| Promote managing healthy, productive soils by soil testing, soil moisture monitoring, and cover crops to maintain water quality, air quality and wildlife habitat. | 6/30/18             | Rodney                    | 11                         | \$2376                   |              |
| Host/Co-Host an annual meeting/workshop on the benefits of maintaining Soil Health for improved crop production, nutrient use efficiency and water & air quality.  | 6/30/18             | Rodney<br>Laurie          | 2<br>2                     | \$ 432<br>\$ 800         |              |
| As a member of the Yakima Regional Clean Air Agency (YRCAA), attend meetings as scheduled for the Dairy Workgroup.   | 6/30/18             | Laurie<br>Rodney          | .5<br>.5                   | \$200<br>\$104           |              |
| Assist dairy/livestock/ producers with developing/updating YRCAA required Clean Air Plans.   | 6/30/18             | Laurie<br>Rodney          | 2<br>2                     | \$ 800<br>\$ 432         |              |



## FY 2018 (7/1/17 – 6/30/18) Annual Work Plan South Yakima Conservation District



### 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.  | 6/30/18      | Laurie                | 40                  | \$16,000           |       |
| Complete Internal Audit (Schedule 22) yearly and review at a monthly Board Meeting.  | 3/31/18      | Supervisors<br>Laurie | 0.25<br>0.25        | Volunteer<br>\$100 |       |
| Complete and submit yearly State Auditor's Report  | 5/30/18      | Laurie                | 4                   | \$1,600            |       |
| Supervisors complete at least 1 training session during year. (at WACD or a district's work/training day)                    | 6/30/18      | Supervisors           | 1                   | Volunteer          |       |
| Each staff/supervisor to attend one training session. (Webinars or workshops)  | 6/30/18      | Staff<br>Supervisors  | 1<br>1              | \$610<br>Volunteer |       |
| Review Annual Plan of Work a minimum of 4 X per year (Quarterly).  | 6/30/18      | Supervisors<br>Staff  | 0.25<br>0.25        | Volunteer<br>\$150 |       |
| Review Long Range Plan yearly and update as necessary  | 6/30/18      | Supervisors<br>Staff  | 0.25<br>0.25        | Volunteer<br>\$150 |       |
| Support and coordinate with the Washington RC&D Program by a board representative attending at least 3 meetings/year         | 6/30/18      | Laurie                | 1                   | \$400              |       |
| Coordinate with other Conservation Districts and NRCS, to enhance program efficiencies, by attending at least 1 LWG meeting. | 4/28/18      | Supervisor<br>Laurie  | 1<br>1              | Volunteer<br>\$400 |       |

|  |          |                   |              |                    |  |
|--|----------|-------------------|--------------|--------------------|--|
| Update assessment data through-out the year and submit to Yakima County, as directed, to facilitate processing of District Assessment funding.   | 1/6/18   | Laurie            | 3            | \$2,000            |  |
| Conduct 1 Supervisor orientation training session for new and existing supervisors.  | 4/31/18  | RM                | 0.5          | Non CD             |  |
| Review existing policy manuals, personnel policies, RCW 89.08, agreements with conservation partners and position descriptions for staff 1 X per year.                                   | 10/30/17 | Staff Supervisors | 0.25<br>0.25 | \$100<br>Volunteer |  |
| Participate in statewide committee work by attending at least 1 meeting.   | 6/30/18  | Staff             | 1            | \$1200             |  |
| Develop training plan for supervisors and employees  | 10/30/17 | Laurie            | 1            | \$385              |  |
| Assist Cities, Towns, Ports and other stakeholders with projects as needed.  | 6/30/18  | Staff Supervisors | Ongoing      |                    |  |
| Work with the Yakima Valley Fire Adapted Coalition and other existing organizations to promote achieving greater effectiveness in addressing wildfire issues. Regularly attend meetings. | 6/30/18  | Rodney            | 2            | \$450              |  |



## FY 2018 (7/1/17 – 6/30/18) Annual Work Plan South Yakima Conservation District

### 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’s of students & teachers.

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

| Activities for FY2018   | 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.                   | 6/30/18      | Laurie                | 2                   | \$800              |       |
| Update MOU with Benton Conservation District to provide Salmon in the Classroom.  | 10/31/17     | Laurie                | 0.25                | \$100              |       |
| 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. | 10/31/17     | Laurie                | 0.25                | \$100              |       |
| Maintain awareness of water storage issues by attending at least 1 meeting concerning water storage alternatives. Promote the Integrated water basin plan.                | 6/30/18      | Supervisors<br>Rodney | .5<br>.5            | Volunteer<br>\$104 |       |



**Annual Work Plan**  
**South Yakima Conservation District**  
**FY 2018 (7/1/17– 6/30/18)**

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**Estimated Budget Based on FY 2016**

|                                   |                |
|-----------------------------------|----------------|
| Assessment Receipts               | 79,236         |
| Grant Funds                       | 150,000        |
| Rents, Leases                     | 31,200         |
| Interest Earned                   | 275            |
| Inter-Seed Drill Maintenance Fees | 12,500         |
| <b>ESTIMATED REVENUES</b>         | <b>273,211</b> |

|                                      |                |
|--------------------------------------|----------------|
| Assessment Administration Fee        | 10,000         |
| Education/Outreach                   | 20,000         |
| Employee Wages                       | 129,000        |
| Employee Benefits                    | 28,900         |
| Administration                       | 30,000         |
| Cost-Share                           | 20,000         |
| Operational Expenses                 | 30,311         |
| Inter-Seed Drill Maintenance/Repairs | 5,000          |
| <b>ESTIMATED EXPENDITURES</b>        | <b>273,211</b> |