

DESCHUTES COUNTY SOIL & WATER CONSERVATION DISTRICT

Board Meeting Minutes – June 15, 2023

Meeting location: 625 SE Salmon Ave # 7, Redmond, OR 97756
Redmond, OR 97756 with a Zoom option available

Current Board Members

Director Zone 1 (Redmond)	Vacant
Director Zone 2 (Sisters)	William Kuhn, Co-Chair
Director Zone 3 (Tumalo)	Jeff Rola
Director Zone 4 (Alfalfa)	James Warren
Director Zone 5 (South County & La Pine)	Andrew Aasen
Director At-Large #1	Robin Vora
Director At-Large #2	Brian Lepore

Directors present: William Kuhn, Jeff Rola, James Warren, Robin Vora, Brian Lepore

Staff present: Todd Peplin, Lead Planner; Erin Kilcullen, District Manager; Tom Bennett, Conservation Technician; Jena Thomas, Programs and Operations Coordinator

Agency attendees: Lars Santana, NRCS District Conservationist, David Phipps, NRCS Soil Conservationist

Other attendees: Gen Huber, DRC, Kevin Moriarty, Deschutes County Forester, Jessi Talbot, COID, Becky Powell, League of Women's Voters, Kristy Sabo, COLW

See Website for acronym descriptions: <https://www.deschuteswcd.org/files/ede6f9a58/Acronym+Glossary.pdf>

Order of business:

1. Call to Order & Introductions: The meeting was called to order at 10:00 a.m; all attendees introduced themselves.
2. Public Comments: None.
3. **Approval of May 2023 Board meeting minutes:** *Robin Vora Moved to approve, William Kuhn seconded to approve May 2023 Board meeting minutes.* Rollcall vote: Unanimous approval.
4. **2021 – 2022 Annual Report Review/Financial Statement Report Presentation** (See Exhibit A)
Erin presented the annual report.
Motion #1 made by William Kuhn, seconded by Brian Lepore that the Board of Directors has received and approved the 2021-2022 Annual Report and Financial Statement Report. Rollcall vote: unanimous approval.
5. **2023 – 2024 Annual Work Plan Review** (See Exhibit B)
Motion #2 made by James Warren, seconded by William Kuhn. The Board of Directors has received and approved the 2023-2024 Annual Work Plan. Rollcall vote: unanimous approval.
6. **2022-2023 Annual Budget Review** (See Exhibit C)
Motion #3 made by Brian Lepore and seconded by James Warren that the Board of Directors has received and approved the 2023-2024 Annual Budget. Rollcall vote: unanimous approval.
7. **DSWCD 2023 Programs** (See Exhibit D)
There was a discussion regarding current goals, and the programs in place that are helping to accomplish the objectives of the district.

8. There was a field tour that followed the office portion of the annual meeting. The field tour consisted of visiting two recipients of ARPA funding, Dave Millard and Kelley Burnham. All the information about this field tour can be found in Exhibit E – Field Tour Packet.

The next board meeting will be on July 20, 2023, at 6:00pm. The meeting will be held at the East Bend Library, 62080 Dean Swift Rd, Bend, OR 97701.

There being no further business, the meeting was adjourned at 11:15 a.m.

Erin Kilcullen

Erin Kilcullen, General Manager



DESCHUTES COUNTY SOIL & WATER CONSERVATION DISTRICT
 Board of Directors Meeting – June 15, 2023
 Meeting location: Central Oregon Irrigation District, 1055 SW Lake Rd,
 Redmond, OR 97756 with a Zoom option available

Addendum: Motions of the Board Meeting – June 15, 2023

Motions made:	Vote result
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Motion #1 made by William Kuhn, seconded by Brian Lepore that the Board of Directors has received and approved the 2020-2021 Annual Report and Financial Statement Report. There were no objections.

Unanimous approval. Andrew Aasen was not present.

Motion #2 made by James Warren, seconded by William Kuhn that the Board of Directors has received and approved the 2022-2023 Annual Work Plan. There were no objections.

Unanimous approval. Andrew Aasen was not present.

Motion #3 made by Brian Lepore, seconded by James Warren that the Board of Directors has received and approved the 2022-2023 Annual Budget. There were no objections.

Unanimous approval. Andrew Aasen was not present.

2021-2022 ANNUAL REPORT
July 1, 2021, through June 30, 2022

Deschutes Soil and Water Conservation District

Mission Statement

“To provide leadership, education, motivation and assistance to the citizens of Deschutes County for responsible, efficient stewardship of our soil and water resources.”

Board meetings are open to the public and were held on the third Thursday of each month from 9 AM – 12 PM during July 1, 2021 through June 30, 2022.

The meetings were held virtually via Zoom due to COVID-19.

See the website for locations and dates for meetings.

<https://www.deschutesswcd.org/board-meetings>



DESCHUTES SOIL AND WATER CONSERVATION DISTRICT

In 1939, the Oregon Legislature passed legislation to establish conservation districts in Oregon. Conservation Districts are charged with directing programs to protect local renewable natural resources in their county. The Deschutes Soil and Water Conservation District was established on June 23, 1947, under the name “Midstate SCD”, which then was changed to the Deschutes SWCD on September 9, 1987.

Deschutes SWCD is a political subdivision of state government that is not a state agency, but a municipal corporation that follows the same laws that govern state agencies. The Deschutes SWCD is not a regulatory and enforcement agency nor is it an environmental activist group. We are an organization that collaborates with farmers, ranchers, forest owners, and other partners to sustain and improve our natural resources in Deschutes County through voluntary conservation. The Deschutes SWCD board members serve four-year terms and are elected in general elections every two years.

Deschutes SWCD provides onsite free technical assistance (TA) to private landowners and land managers to address natural resource concerns on their property. Resource concerns most common to Deschutes County are water quantity, water quality, forest health, invasive weeds, and fish and wildlife habitat. The Deschutes 2019 – 2024 Long Range Plan identifies natural resource needs in the county and objectives to address them. To obtain a copy of the 2019 – 2024 Long Range Plan, click [HERE](#).

Board of Directors 2021-2022:

William Kuhn, Co-Chair
Jeff Rola, Director
Leslie Clark, Treasurer
Susan Altman, Secretary
Andrew Aasen, Director
Robin Vora, Director
Gen Hubert, Co-Chair

STAFF 2021-2022:

Erin Kilcullen: District Manager
Todd Peplin: Lead Planner
Tom Bennett: Conservation Technician
Emma Zuber: Field and Office Assistant

Technical Advisors:

Theresa Debardeleben: Oregon Department of Water Quality - Watershed Specialist
Lars Santana: Natural Resource Conservation Service, District Conservationist

Partners:

Deschutes County
 USDA Natural Resources Conservation Service (NRCS)
 Oregon Department of Agriculture (ODA)
 USDA Farm Service Agency (FSA)
 USDA Forest Service (USFS)
 Upper Deschutes Watershed Council (UDWC)
 Deschutes River Conservancy (DRC)
 Oregon State University (OSU) Extension Service
 Oregon Department of Agriculture (ODA)
 Project Wildfire
 Upper Deschutes River Communities
 Deschutes Land Trust (DLT)
 Oregon Department of Fish and Wildlife (ODFW)
 Oregon Department of Forestry (ODF)
 Oregon Association of Conservation Districts (OACD)
 National Association of Conservation Districts (NACD)
 Oregon Watershed Enhancement Board (OWEB)
 Oregon Water Resources Department (OWRD)
 Irrigation Districts (Swalley, Central Oregon, Arnold, Three Sisters, and Tumalo)

Funding Sources 2021 – 2022

- ODA Capacity Grant
 - Soil and Water Conservation Districts throughout the state receive these funds every biennium (2021-2023).
 - Perform education and outreach to the public regarding the Agricultural Water Quality Standards set by the Oregon statute.
 - Host Irrigation Water Management Workshops for local irrigators and producers.
 - Provide technical assistance to private landowners who are interested in implementing restoration projects that relate to water quality.
- NACD TA
 - Completed the NACD TA 2020 Grant and begun utilizing the NACD TA 2021 funding.
 - Provide technical assistance to partners and landowners regarding Irrigation Water Management and Forest Health/Wildfire Risk Reduction projects.
- NRCS TA (2021 – 2023)
 - Provide technical assistance to NRCS and private landowners regarding forest health improvement projects and the Joint Chiefs Project.
- NACD Urban and Community Agriculture
 - Awarded March 2021
 - DSWCD partnered with The Environmental Center to develop and present a Soil Health Workshop for local school gardens. This workshop was presented in October 2021.
- American Rescue Plan Act (ARPA)

- Awarded through Deschutes County November 2021 with a completion date of December 2026
- Developed and ‘On-Farm Efficiency Water Conservation Investment Program’ to provide landowners with technical assistance, an Irrigation Water Management Plan, and up to \$20,000 towards upgrading their irrigation systems from flood to sprinkler.
- 15 landowners were selected to receive this funding from 32 applicants.
- 2 projects were completed in May and June 2022.
- Bureau of Reclamation – Water SMART grant
 - The District was awarded the ‘Indian Ford Watershed Group Development and Restoration Planning’ grant in March 2022
 - This project will develop a new watershed group with partners and landowners in Indian Ford Watershed and perform a full watershed assessment and 10 private land assessments and restoration plans
- ODA Strategic Implementation Area (SIA)
 - Awarded in April 2022, but delayed due to ODA staffing capacity
- SB 762
 - The District was a partner in the Central Oregon Shared Stewardship Landscape Resiliency Project (COSSLRP) and was awarded \$300,000 in February 2022
 - Provide financial assistance to private landowners with NRCS Joint Chiefs contracts to offset the high costs of projects and expedite implementation of project.
- WSARE (Western Sustainable Agriculture Research and Education)
 - The District partnered with OSU on the ‘Irrigation Technology and Management (ITM) Professional Development Project’ to develop an IWM course curriculum.
 - This grant was awarded in April 2022 and has a 3-year time frame

2021 – 2022 Programs and Accomplishments

Irrigation Water Management:



IRRIGATION WORKSHOP SERIES:
Adapting to Drought Conditions

Three (3) workshops will be offered throughout the irrigation season, each with a different topic. The workshop combines classroom sessions with On-Farm field application! **Workshops Are FREE!! and Registration is required**

Learn about:

- Initial inspection of irrigation systems and management preparedness
- Irrigation water scheduling, timing, moisture management
- Energy use and efficiency
- Seasonal water use and water management adaptation
- And more!!

To register and find out more about the workshops,
 Use the QR code or go to [https:// www.deschuteswcd.org/](https://www.deschuteswcd.org/)

QR Code

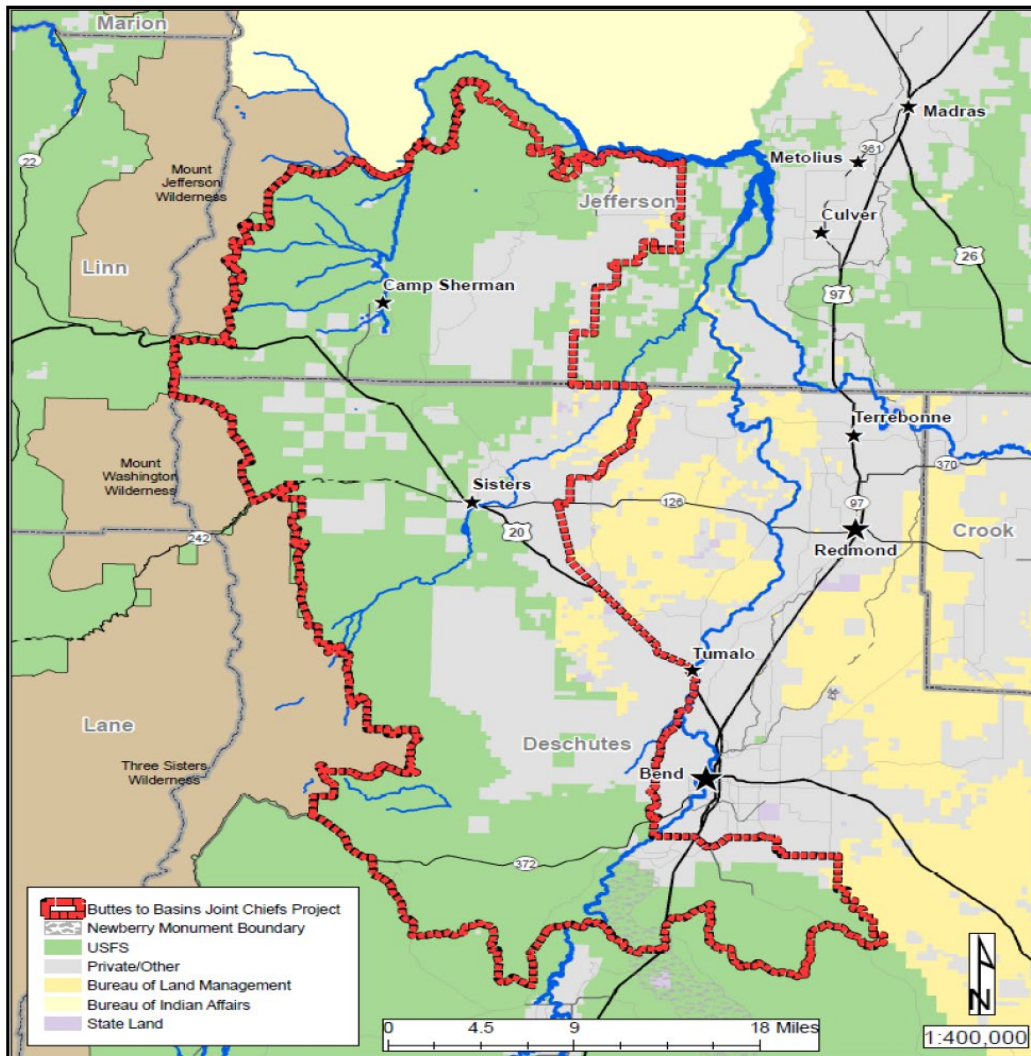





IWM Workshop Series

DSWCD held a 3-part IWM workshop series during the summer of 2022. The first workshop included a classroom session that was held on April 7, 2022 and a field session on April 9, 2022 at the Aaby property. The classroom and field sessions included presentations from DSWCD, Thompson Pump, NRCS, OSU extension, Helena Seed, OWRD, WY East, and CO Cooperative. There were 32 attendees including presenters and private landowners. The 2nd workshop series was held in July 2022 and the 3rd workshop was held in October 2022.

Forest Health



Buttes to Basins Joint Chiefs Project

DSWCD assisted NRCS in an outreach effort to large, forested landowners within this project boundary to sign up for financial assistance to perform forest health improvement projects. Staff also provided technical assistance to 6 landowners to determine practices to be completed on their property and assistance in navigating the sign-up process for the NRCS contracts.

Urban Agriculture

Improving Soil Health Through Education, Application, and Engagement with CO Youth & Schools

Deschutes Soil and Water Conservation District partnered on this project with The Environmental Center, Bend Pollinator Pathways, and Kaci Rae Christopher, the author of 'The School Garden Curriculum: An Integrated K-8 Guide for Discovering Science, Ecology, and Whole-Systems Thinking'. This project collaborated with local schools on various projects:

- Developed and presented a Soil Health Workshop for local schools with or wanting a school garden. This was an in-person event and had 25 attendees. It included a 2-hour classroom presentation and an hour using the principles learned interactively in a school garden. Each participant received native pollinator plants, cover crop seeds, dinner, a gift card, and funding for the school to purchase soil health amendments. This workshop has also been recorded and available at <https://www.deschuteswcd.org/urban-agriculture-a35f465>
- This workshop was also presented at a live virtual online seminar for the Oregon Farm to School and Garden Network Annual Conference.
- Five schools received funding to perform school garden projects.
- Developed a curriculum and lesson plans for an Earth Smart Food Waste series that will be utilized in elementary schools in the coming school year.

This program was successful in developing workshops and curriculums for organizations and schools to utilize in the future. This project was a kicking off point for this strong partnership to pursue Urban Agricultural programs in the future for Central Oregon.

These pictures were taken at the in-person Soil Health Workshop that was presented in October 2021. Top left: all attendees at this event. Top Right: DSWCD and partners on this workshop. Bottom Right:



Manure was spread across garden beds to prep



the garden for winter. Bottom Left: Each school that attended received 6 native pollinator plants for their garden.

Manure Exchange Programs

The District continues to manage the Manure Exchange Program and there are continual sign ups from landowners with available manure. During 2021 – 2022, there were a total of 40 landowners signed up to provide their available manure to others in Deschutes County.

Why Have a Pasture Exchange Program?

During the Fall of 2021, DSWCD create a pasture exchange program.

For farmers, leasing their land is a way to earn some income back for the land they own. For renters, it's a safe, BIG step toward farm life without the commitment of owning land. With the average farmer age being 60, this program also offers younger people a way to connect with people in the community who have been farming most, if not all, of their life. In doing so, we can encourage the next generation of people to continue to run family farms. Pasture exchanges are often done in a word-of-mouth fashion, but that can be difficult for new farmers to get involved with the community. So, we have created a digital platform to connect people.

Another important aspect of the program is its emergency preparedness. In our current climate crisis, it is inevitable that we will endure forest fires and drought. Having access to different contacts in the community is a great way to protect your livestock if your land becomes victim to drought and/or fires, and your animals are in need of emergency relocation.

Quarter newsletter

The District developed and distributed a quarterly newsletter through MailChimp to partners and landowners. This newsletter provides updates on the current projects and programs the District is working on. Check out the most current newsletter here: <https://mailchi.mp/d70af12ad9c6/mid-year-reflections-9323357>

Rural Living Handbook

The District has updated the Deschutes County Rural Living Handbook and this will continue to be a living document and can be found at: https://www.deschuteswcd.org/rural-living-handbook#/body_file-1ec3dcea-031a-4a51-8efa-2c1aab704180

Technical Assistance for Landowners:



For the fiscal year of 2021-2022, the District held or participated in 5 events for landowners, which had participation from 84 landowners. 120 landowners were provided with brochures, fact sheets, mailings, etc. There were 140 landowners that received one on one assistance from the Deschutes SWCD (phone, email, site visit, etc.). This resulted in 30 fund applications submitted for landowner projects, 20 fund applications awarded for landowner projects, development of 15 conservation plans (550 acres) that addressed water quality and quantity issues along with management of their properties forage, animals, wildlife needs, and forest health. Technical Assistance and Conservation plans addressed the following NRCS practices:

- 449 – Irrigation Water Management
- 442 – Irrigation Sprinkler System
- 528 – Prescribe Grazing
- 590 – Nutrient management
- 666 – Forest Stand Improvement
- 430 – Irrigation water Conveyance Pipeline
- 587 – Structure for Water Control

Annual Meeting June 2022

The District held their annual meeting on June 16, 2022. It included a field tour to three project sites for the G-4 project that the District has been assisting with in partnership with COID. The G-4 lateral was 4,766 feet of open ditch that was piped. Eight patrons received their irrigation water from this lateral and all properties flood irrigated with no measuring device. DSWCD conducted several landowner meetings updating patrons on the design and receiving feedback. These meetings were critical in explaining (to the patrons) how the pressurized system would work and adjustments to be made to their on-farm delivery system and proper management. DSWCD collaborated with each patron developing farm plans and designs for their on-farm irrigation sprinkler system. DSWCD played a key role coordinating with COID, NRCS, Black Rock Consulting, and landowners in the design, implementation, and financial assistance of the G-4 pipeline and the On-Farm systems.

The first site visit was to the pump station that was installed to provide pressurized water to all landowners on the G-4 lateral and rotation and remove the rotation system. The next 2 sites were at landowner's properties that upgraded their on-farm irrigation systems from flood systems to wheel lines



for a total of 30 acres. The field tour was followed by lunch in Redmond at the COID office.



Partnerships:

Deschutes SWCD continues to improve relationships with partners through collaboration in coordinating efforts and planning projects through collaborated funding opportunities.

Partnerships continue to strengthen. Meetings have been held in person with a hybrid Zoom option available. Collaboration with Deschutes Land Trust, USFS, Upper Deschutes Watershed Council, and Black Butte Ranch has amplified conservation efforts in Indian Ford Creek resulting in a Bureau of Reclamation grant award. Through the Regional Conservation Partnership Program (RCPP) the Three Sisters Irrigation District (TSID) will provide financial support to the DSWCD to conduct IWM assistance to patrons benefiting from piping projects through the RCPP and PL-566. Discussions with

Deschutes County Forester and Oregon Dept. of Forestry (ODF) have been positive in developing a grant for SB 762.

Partnership among the 5 irrigation districts in Deschutes county continues to strengthen. The Deschutes SWCD regularly attends all irrigation district meetings. An on-farm group has been established and includes: DSWCD, DRC, COID, and NRCS. This partnership is working to identify on-farm improvements with landowners that coincide with the irrigation districts modernization projects. This not only provides awareness to the Deschutes SWCD on water quality and quantity issues but also provides an informational bridge to NRCS to find opportunities to strengthen their EQIP program. This group also partnered to receive \$1.45 million total in ARPA funds to implement water savings projects.

The District Board is expanding their partnership by finding ways to collaborate with County Commissioners on conservation activities in Deschutes County. The District attends and supports Deschutes Basin Water Collaborative (DBWC) meetings and committee meetings. A partnership with OSU Extension has been valuable regarding the DSWCD IWM program. The DSWCD relies on OSU for consultation and peer review on technical materials and development of the program. The partnership with NRCS continues to strengthen with DSWCD providing outreach in promoting various Farm Bill programs. DSWCD presented at the NRCS Local Working Group meeting in February.

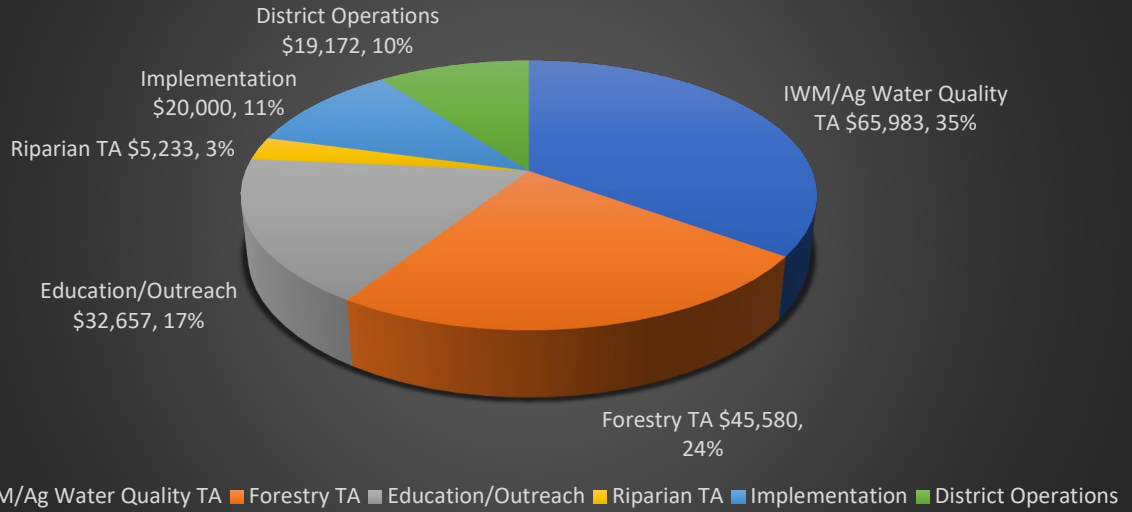
The District has been involved in the local Shared Stewardship group. This group has collaborated with the SB 762 application, where central Oregon received \$6 million for organizations to implement forest health and wildfire risk reduction projects. This group meets regularly and has held 2 field trips. Also, District staff continues to attend and participate in the County Project Wildfire monthly meetings.

Employment:

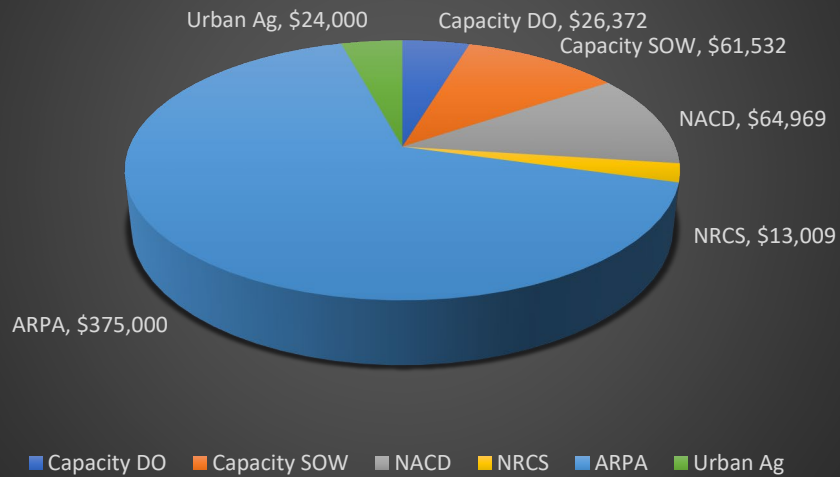
DSWCD hired Emma Zuber as an Intern in September 2021 and she was hired as a part-time Field and Office Assistant in January 2022. The intern's primary duty was to assist the District manager in administrative tasks and projects. Tasks included website design, marketing, social media outlets, outreach, education to landowners to address natural resource concerns, grant writing, grant management support, and conducting field investigations and assessments of private irrigation delivery systems, on-farm irrigation water management, forest health, riparian restoration, and urban agriculture, and helping in whatever capacity is necessary to complete tasks identified in the District and NRCS annual work plans.

2021-2022 DSWCD Income and Expenditures

July 1, 2021 - June 30, 2022 Expenses, \$188,625



July 1, 2021 - June 30, 2022 Income, \$564,882





Deschutes Soil and Water Conservation District

2023-2024 Annual Work Plan

The DSWCD works to address natural resource concerns in Deschutes County (water quality and quantity, weeds, wildlife and fish habitat, forest health, and land/soils). These resource concerns and various objectives and programs are outlined in the DSWCD Long-Range Plan (2019-2024), which can be accessed through the link below.

[Deschutes SWCD Long Range Plan 2019-2024](#)

For purposes of the annual work plan, four sections of the Long-Range Plan (Goals/objectives, natural resource concerns and outcomes, District programs, and District capacity, needs, and strategies) have been compiled and narrowed down to create specific goals for the 2023 – 2024 Fiscal year that pertain to active grants and work being accomplished:

Goal 1: Maintain partnerships and alliances with a variety of agencies and organizations at the local, regional, state, and national level.

Staff members will accomplish this goal throughout the fiscal year.

Objective: Work with partners on existing and future programs.

Program:

1. Irrigation Water Management (IWM)
 - a. National Association of Conservation Districts (NACD) TA Grant – provide technical assistance to landowners for implementation of On-farm projects
 - b. Regional Conservation Partnership Program (RCPP) - Smith Rock/King Way Modernization and On-farm Projects
 - c. American Rescue Plan Act (ARPA) – On-Farm improvement projects – Flood to Sprinkler conversions
 - d. Western sustainable agriculture research and education (WSARE) – Develop an Irrigation, Technology, and Management curriculum
 - e. IWM workshop series
2. Forest Health and Wildfire risk reduction
 - a. Joint Chiefs Buttes to Basins: perform additional outreach, education, monitoring, success stories, and field tours for Joint Chiefs projects
 - b. Senate Bill 762 – Pursue additional financial assistance for landowners
 - c. NRCS TA Grant – provide technical assistance to forested landowners and NRCS staff

3. Manure Exchange Program
4. Pasture Exchange Program
5. Agricultural Water Quality
 - a. Capacity Grant (ODA): Identify water quality issues due to runoff from irrigation (AGWQMP)
 - b. Strategic Implementation Area in the Upper and Little Deschutes Watersheds (ODA)
6. Urban Agriculture
 - a. pursue opportunities, projects, and grants with partners
7. Small Grants – manage, provide administrative support, and collaborate with the Upper Deschutes Watershed Council. Develop projects and apply for small grants.
8. Riparian Restoration – Watershed Health
 - a. Indian Ford Creek – Bureau of Reclamation Grant to begin to assess properties and outline restoration projects
9. Renewable Energy – partner and manage the USDA REDA grant
10. Pollinator Health – continue partnerships and pursue additional funding and projects
11. Wildlife and Habitat restoration
 - a. Mule Deer
 - Outreach and education to landowners about habitat needs and restoration opportunities
 - Develop projects
 - Apply for habitat restoration grants
 - b. Sage Grouse
 - Outreach and education to landowners about habitat needs and restoration opportunities
 - Develop projects
 - Apply for habitat restoration grants
12. Weed Management
 - a. Attend County Weed board meetings
 - b. Collaborate with partners

Goal 2: Build new alliances and partnerships with organizations to develop programs, promote stewardship and conservation activities, and enhance the District.

This will be an ongoing effort by all staff members and the Board of Directors for this coming fiscal year and shall continue and progress in the future.

Objective: District Staff and the Board of Directors will continue to maintain a presence with partners, landowners, and communities in Deschutes County.

Program:

1. Partner with NRCS and organizations to assist landowners with on-farm improvement projects and forest health projects.
2. Manure Exchange Programs – work to develop more instruction for livestock

- producers and gardeners and enhance marketing of the Program.
3. Pasture Exchange Program – maintain the program and better establish an equitable balance between those interested in pasture and those interested in leasing.
 4. Wildlife Habitat Restoration Projects – Eastern Deschutes County for the Greater Sage Grouse, Tumalo Winter Mule Deer Range, Upper Deschutes, and Little Deschutes riparian restoration
 5. Engage with landowners and provide technical assistance and restoration assistance within the Indian Ford watershed.
 6. Partner with ODA on the OWEB Strategic Implementation Area Grant that was awarded to provide agriculture producers technical assistance with water quality and riparian improvement projects.
 7. Continue to promote the importance of pollinator habitat through education, outreach, and planting opportunities.
 8. Work with ODA to collect baseline data to show what percentage of streamside areas on agriculture lands provide the riparian functions of shade, stabilizing streambanks, and filtering overland flows, based on site capability.
 9. Work with ODA to designate irrigated lands that have surface runoff and potential Water Quality issues.
 10. Urban Agriculture – expand projects to involve the urban community through food security, community engagement, and conservation initiatives.
 11. Weed Management – partner with ODA and other organizations to develop weed management plans.

Goal 3: Promote soil and water conservation through an education, public information, and outreach program.

This will be performed by staff members and the Board of Directors throughout the fiscal year.

Objective: Market Deschutes Soil and Water Conservation District.

Program:

1. Maintain website by providing updates on projects, events, annual reports, and annual work Plans.
2. Maintain and market the District through social media outlets.
3. Develop outreach opportunities with groups that align with the DSWCD mission in Deschutes County.
4. Develop fundraising opportunities.
5. Update Rural Living Handbook.
6. Use District quantifiable metrics to market what has been accomplished throughout the year.
7. Develop and email a quarterly newsletter.
8. Develop success stories of completed projects and market these on the website and social media.
9. Attend local events to market the District and connect with landowners.

Objective: Advance public understanding of DSWCD's purpose and activities, and promote conservation participation among rural and urban landowners, educational and community groups, partners, working groups and District constituents.

Program:

1. Hold Irrigation Water Management Workshops for rural and urban landowners.
2. Network with local groups to develop relationships for participation in future conservation programs.
3. Assist with educational natural resource programs in Deschutes County.
4. Develop a strategic plan with the District Enhancement Committee and partner organizations.

Goal 4: Maintain and enhance legal accountability, fiscal responsibility, and district operations.

This will be an ongoing effort by staff and board members for this coming fiscal year and shall continue and progress in the future.

Objective: Board and staff shall continuously improve their professional education and knowledge of the conservation business.

Program:

1. Review District policies annually.
2. Staff and Board members attend annual conferences and trainings.
3. Provide and discuss recommendations of conservation issues occurring in the county and how these issues relate to the district's mission.

Objective: Obtain a reliable source of funding to ensure continuity of operations.

Program:

1. Staff will work to maintain current grant funding as well as find new funding opportunities, whether via grants or through outreach efforts.
2. Increase the Districts capacity with additional Full-time staff members.
3. Discuss, research, and develop opportunities and strategies with the District Enhancement Committee to obtain a reliable source of funding for the District.

Objective: Maintain integrity and positive working relationships with all partners, staff, and board members.

Program:

1. Plan field trips to observe current projects.
2. Send one staff and one or two board members to the SDAO Annual Conference in February.
3. Continue to maintain a presence of the District's progress to partners and

- constituents in the County.
4. Cultivate and enhance relationships and collaborations with partner organizations, County Commissioners, City Council, and other key leaders in pursuing a permanent tax rate.

Objective: Continually evaluate and strengthen the Deschutes SWCD through the management of programs and projects to accomplish Deschutes County vision and mission by achieving measurable outcomes.

Program:

1. Collaborate to expand our partners and working relationships.
2. Exemplify our achievements to the public to show continuing conservation efforts.
3. Maintain Long-Range Plan 2019-2024.
4. Evaluate and update annual work plan as needed.
5. Develop a strategic plan for the district through the District Enhancement Committee.
6. Work toward managing the Deschutes SWCD financial affairs consistent with General Accepted Accounting Principles and ODA Requirements.
7. Conduct annual financial audit or review in a timely manner.
8. Provide a copy of the annual budget and annual work plan to ODA for review and to ensure full technical, administrative, and financial support.
9. Continue monthly meetings of the District Enhancement Committee
10. Conduct an annual meeting where the public is invited through a public notice published in the Bulletin. The annual work plan and budget will be presented at this time

Exhibit C:

Deschutes SWCD 2023 - 2024 Proposed Budget

Income

GRANT - IN PROGRESS	STATUS OF PROJECT	TOTAL REVENUE FROM GRANT (23-24)	ON GROUND EXPENSES (other than Personnel)	Travel	PERSONNEL	Indirect/Admin/Unrestricted Funds	Direct Cost Allocation %
ODA Capacity 23-25	In progress	\$91,859.00	\$20,055.00	\$1,552.00	\$70,252.00	\$0.00	12.67%
BOR WaterSMART Indian Ford Watershed	In progress	\$40,205.00	\$18,500.00	\$1,186.00	\$16,865.00	\$3,654.00	5.54%
WSARE	In progress	\$41,196.00	\$24,282.00	\$1,601.00	\$12,186.00	\$3,127.00	5.68%
ARPA	In progress	\$181,600.00	\$140,000.00	\$0.00	\$41,600.00	\$0.00	25.04%
ODA SIA - Upper and Little Deschutes	In progress	\$24,285.00	\$5,850.00	\$1,000.00	\$15,163.00	\$2,272.00	3.35%
NACD TA - 2022	In progress	\$90,625.00	\$0.00	\$1,500.00	\$85,000.00	\$4,125.00	12.50%
USDA REDA	In progress	\$50,000.00	\$35,250.00	\$250.00	\$14,500.00	\$0.00	6.89%
VCO - Go Stars Central Oregon	In progress	\$95,000.00	\$85,500.00	\$0.00	\$9,500.00	\$0.00	13.10%
USFS - Joint Chiefs	In progress	\$32,419.00	\$12,000.00	\$1,000.00	\$16,588.00	\$2,831.00	4.47%
USFWS Partners Program	In progress	\$23,861.00	\$16,666.00	\$400.00	\$4,693.00	\$2,102.00	3.29%
Small Grant - Pollinators	In progress	\$9,209.37	\$7,065.37	\$0.00	\$784.00	\$1,360.00	1.27%
Small Grant - Guzzlers	In progress	\$14,992.00	\$13,189.00	\$0.00	\$440.00	\$1,363.00	2.07%
Small Grant - Norris Irrigation	In progress	\$15,000.00	\$12,636.00	\$0.00	\$1,000.00	\$1,364.00	2.07%
Small Grant - Brown Irrigation	In progress	\$15,000.00	\$12,636.00	\$0.00	\$1,000.00	\$1,364.00	2.07%
TOTAL 2023-2024 ANNUAL BUDGET		\$725,251.37	\$403,629.37	\$8,489.00	\$289,571.00	\$23,562.00	100.00%

Expenses

Annual Dues	Insurance	IT Services	Public Meetings	Travel	On the ground expenses	Financial Services	Personnel/Admin/Indirect Costs
Includes Memberships, Storage Facility, and Cell Phone	Liability Insurance	Includes website, zoom, and adobe memberships	Includes public notice and refreshments for meetings	Staff mileage reimbursement	Contracted Services/Materials /Supplies	Audit, bookkeeping, payroll	Staff Salaries, health insurance, retirement, Workers Comp, Taxes
\$ (3,775.82)	\$ (3,490.00)	\$ (1,609.56)	\$ (660.00)	\$ (8,489.00)	\$ (383,574.37)	\$ (10,520.00)	\$ (254,514.71)

Cash on Hand	\$398,773.80
Estimated Income	\$725,251.37
Projected Expenses	\$ (666,633.46)
District projected fund balance as of June 30, 2023	\$457,391.71

Exhibit D:

Program Updates 2023

Irrigation Water Management (IWM)

- ARPA
 - 15 projects will be funded
 - 8 projects completed
 - Total Project Costs: \$414,929.41
 - Total Costs Reimbursed: \$160,000
 - Acres Treated: 64.1
- RCPP
 - DSWCD has assisted 3 landowners that have contracts with NRCS for the RCPP project in the Smith Rock Area with Irrigation Water Management Plans and design.
- Western SARE Grant
 - DSWCD is partnering with OSU extension to develop an IWM curriculum that will be published and available through OSU.

Forest Health and Wildfire Risk Reduction

- SB 762/Joint Chiefs Buttes to Basins
 - 7 landowners completed forest stand improvement projects on 268 acres for a total project cost of \$521,938.58. NRCS and DSWCD were able to reimburse at a cost share rate of 90%.

Manure Exchange Program

- 62 landowners have signed up for this program as manure providers.

Pasture Exchange Program

- 15 landowners interested in leasing pasture
- 6 landowners willing to lease their land

Riparian Restoration

- Indian Ford Creek – Bureau of Reclamation Grant
 - A new watershed group was developed to address riparian and watershed resource concerns with 45 interested landowners and participation from 8 partner organizations. This group includes USFS, Deschutes Land Trust, Upper Deschutes Watershed Council, and private landowners

Agricultural Water Quality

- DSWCD was awarded a Strategic Implementation Area (SIA) grant to provide landowners along the Upper and Little Deschutes Rivers technical assistance to address agricultural water quality concerns.

Small Grants:

- Pollinator Health/Native Vegetation
 - Small Grant with the City of Bend to remove sod and replace with native vegetation and pollinator plants and convert irrigation to a drip system on 4,406 sq. ft with 5 private properties.
- Guzzler installation
 - DSWCD is working with 5 landowners to install 5-7 guzzlers on 1,000+ acres of private land near Shevlin Park.
- Water Quality
 - Norris flood to sprinkler: The project will eliminate flood irrigation on 7 acres by installing a pond and sprinkler system that will reduce excess water and nutrient runoff from entering the

Deschutes River.

- Brown water quality improvement grant. The project will convert about 6.5 acres of flood irrigation to sprinklers, pipe 800 feet of open irrigation ditch and line an existing leaking pond.

Renewable Energy

- The District has been awarded the Rural Energy for America Program Energy Audit & Renewable Energy Development Assistance Grants as the lead applicant in partnership with Sparks NW and other SWCD's throughout Oregon.

Dark Skys

- The District has been awarded a grant through the Central OR Future Fund Program. DSWCD, International Dark-Skys Association (IDA-Oregon), and our Central Oregon partners are collaborating on a community-wide initiative to showcase the importance and solutions related to dark skies and Astro tourism through outreach, education, and implementation of projects.

Exhibit E:

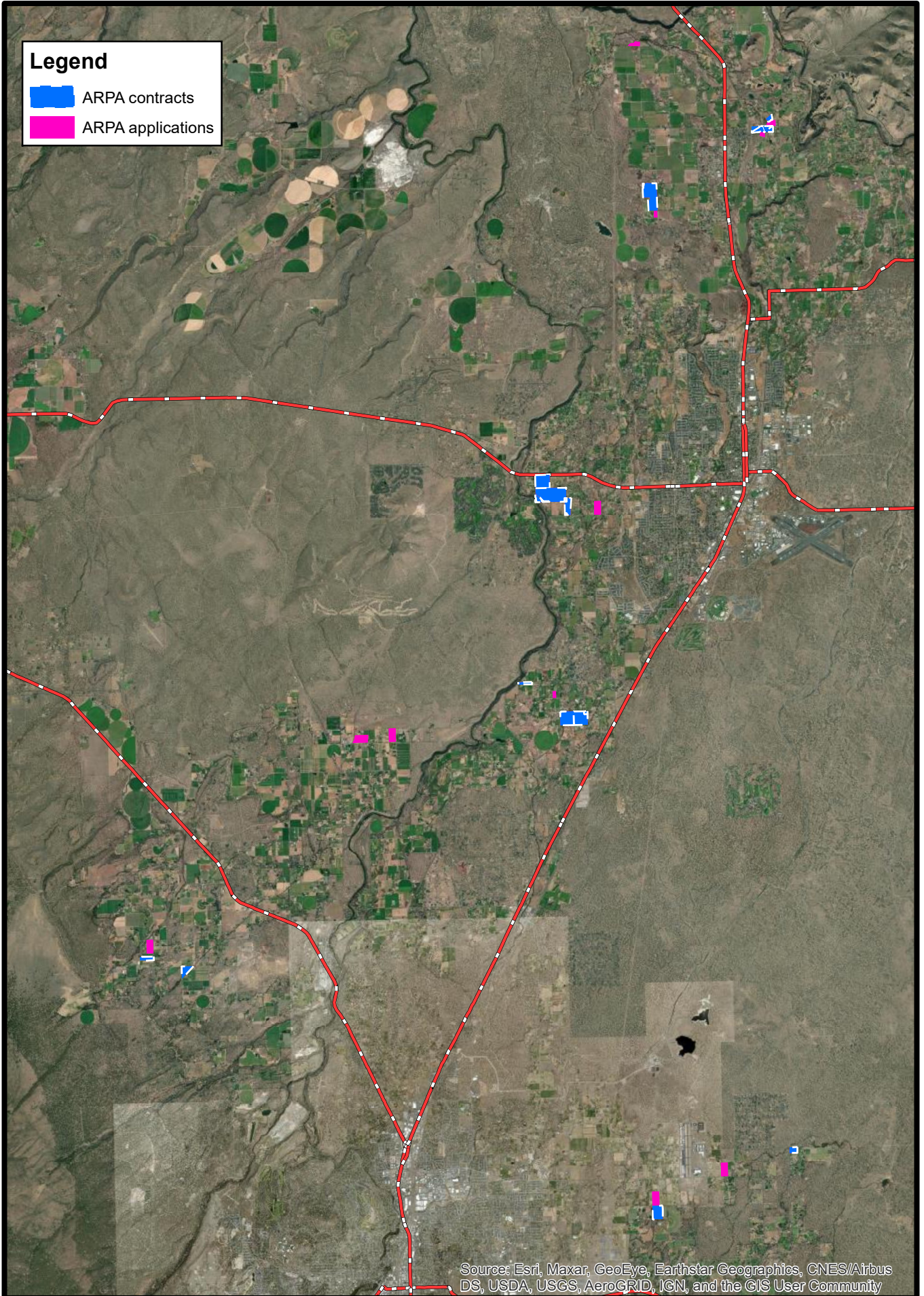
Deschutes Soil and Water Conservation District Annual Meeting 6/15/2023

DSWCD American Rescue Plan Act (ARPA) Irrigation Efficiency program

- Deschutes County awarded the DSWCD \$375,000 to implement an irrigation water efficiency improvement cost share program for landowners
- Application period in January 2022 targeting Deschutes County irrigators with crops or livestock.
- 30 applications received by application deadline
- SWCD staff met with each applicant to see what was needed and what they wanted to do
- Application ranking system was developed to score applications using water savings estimation tools
- High priority was given to projects that convert flood to sprinkler irrigation, reduce off site impacts to water bodies such as streams, rivers, or irrigation canals, reduce water loss in conveyance systems.
- Cost share was set at 75% with a maximum of \$20,000 per applicant
- 15 applications were selected for funding
- SWCD staff worked with applicants to develop a conservation plan and agreement to obligate the funds.
- 8 of the projects have been completed so far, SWCD staff checked finished projects for completion and based on actual costs.
 - 64 acres served, potential water efficiency improvement of 180 ac. ft./yr.
 - Total cost of projects was \$415,000, SWCD paid \$160,000 in cost share
 - The projects included the installation of 5-wheel lines, 5 pumps, 3 ponds, 320 k lines/pods, 1 solid set, and a 12 zone sprinkler system

Most of the projects were on small farms with pastures. The average project size was about 7 acres. The unexpected total cost of projects caused a couple participants to back out.

2023 DSWCD ARPA program



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Completion Report 8/23/2022

David Millard 2022 ARPA

David Millard converted 2 fields for a total of about 7 ac. from flood irrigation to sprinklers. He installed a combination of buried pvc and above ground aluminum mainline and two new wheel lines. He cleaned out an existing pond and installed a new power drop and 10 hp pump. Both wheel lines were running and seem to function as planned. He was still adjusting some wheel line alignment in field 1. He has some additional sprinklers he can run on odd areas. He hopes to extend the mainline from field 1 to add a wheel line to the field to the east. The new pump and mainline are designed to account for expansion to convert the additional acres from flood to sprinkler.

Project installation included:

- 10 hp pumping plant with intake screen, electric panel
- 450 ft of 6" al. mainline
- 120 ft. of 4" al. mainline
- one 480 ft wheel line and one 440 ft wheel line
- 260 ft buried 4" PVC pipe
- One Rainbird "Aquaburst" mini gun with cart and hose
- All fittings and appurtenances needed to make a functioning system

Thompson Pump did most of the above ground installation. David buried the PVC himself.



N Mainline Riser



North Wheel line



North Wheel line



South mainline



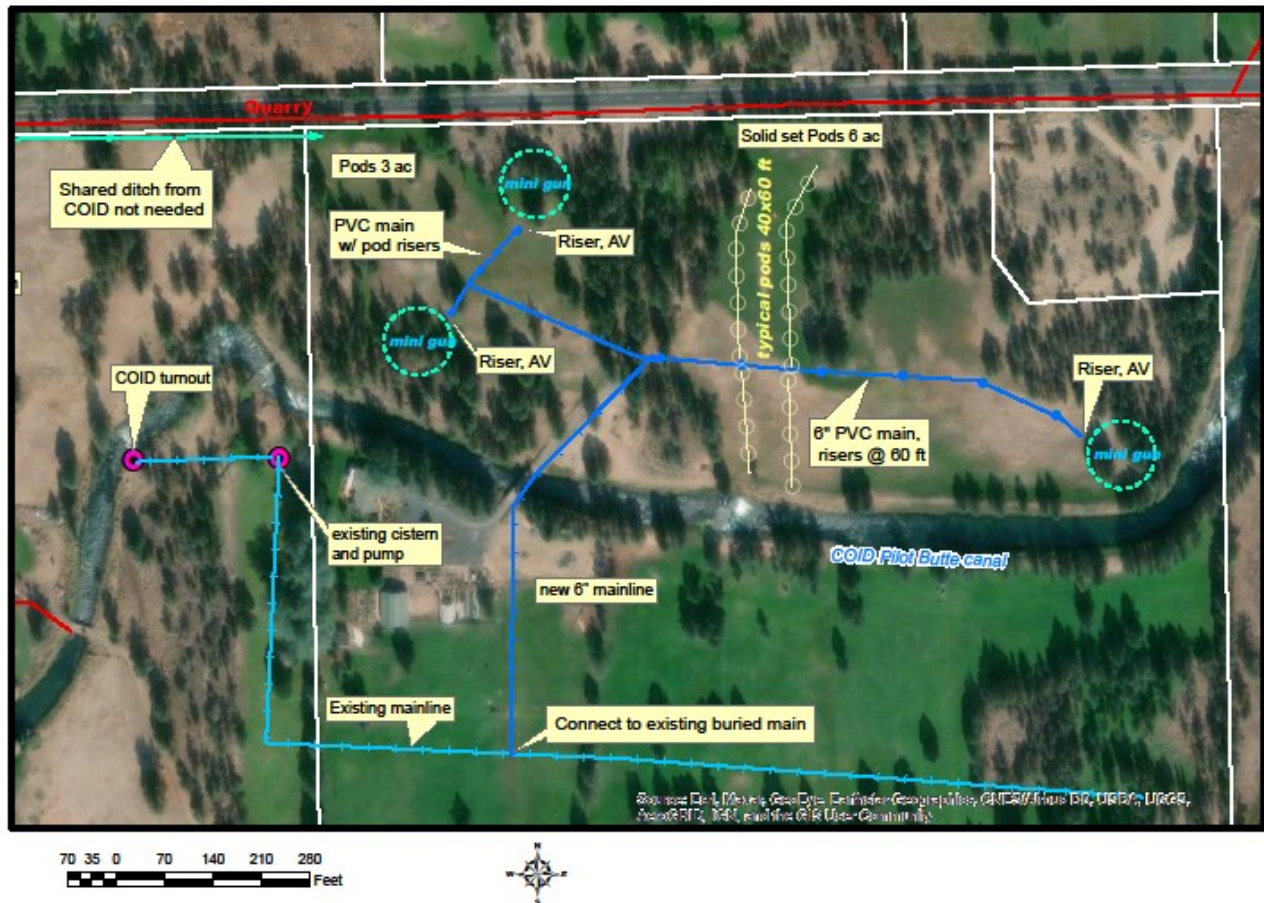
South Wheel line with new seeding

ARPA Completion Report

Kelley and David Burnham

The Burnhams converted about 9 acres of flood irrigated pasture to a solid set K-Line "pod" system. They connected to an existing buried mainline served by a cistern and pump directly out of their turnout on the Pilot Butte canal. The old flood ditches that were supplied from a headgate on the other side of 61st ave. will no longer be used including the 1600 ft. shared ditch with the upstream neighbor. They installed 1800 ft. of 6 inch PVC 125 mainline. Above ground steel pipe was used to cross the canal on the bridge. There are 12 risers for pod lines with 2-10 pods per line for a total of 107 pods. The far ends of the mainline have a riser with a valve for lay flat hose and a small gun type sprinkler cart and a Rainbird impact sprinkler. End of line also has an Air/vac. relief valve. Thompson pump did the design and installation, David did the excavation. The project is essentially complete except for some final backfill in areas left open until the system can be charged. Thompson Pump will come back when the water comes on to get the system started.

Kelley & David Burnham ARPA As Built 2023 5680 SW Quarry Ave





Flood ditch looking upstream to property line



Flood ditch looking east



Flood ditches no longer needed



Connection to existing mainline
from pump



6" PVC 125 label



Steel pipe across canal bridge



Typical Pod 2 line valve box



Typical 40 mm sprinkler pod



End of line with AV valve, lay flat hose for mini gun



West field pods



West field pods looking east



Mini gun



West field pods



Typical pod line