

Application Name: Wasco County Area Watershed Councils

By: Wasco SWCD

Offering Type: Council Capacity Grants

Application Type: Council Capacity

OWEB Region: Central Oregon

County: Wasco

Coordinates: 45.614568,-121.198671

Applicant:

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Payee:

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Project Manager:

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Budget Summary:

OWEB Amount Requested: \$0
Total Project Amount: \$0

Administrative Information

Abstract

Provide an abstract statement for the project. Include the following information: 1) Identify the project location; 2) Briefly state the project need; 3) Describe the proposed work; 4) Identify project partners.

This project seeks to fund a Watershed Council Coordinator for the Wasco Area Watershed Councils.

Location Information

What is the ownership of the project site(s)?

Public land (any lands owned by the Federal government, the State of Oregon, a city, county, district or municipal or public corporation in Oregon)

What agency(ies) are involved?

Wasco County Soil and Water Conservation District (SWCD), Local Natural Resource Conservation Service (NRCS), Oregon Department of Fish and Wildlife (ODFW), United States Forest Service (USFS), Confederated Tribes of Warm Springs (CTWS), Oregon Water Resources Department (OWRD), The Freshwater Trust (TFT), Oregon Department of Environmental Quality (ODEQ), Oregon Department of Forestry (ODF), Wasco County Board of Commissioners, Oregon Department of Agriculture (ODA), National Marine Fisheries Service (NMFS), Wasco County Health Department, Wasco County cities, Wy'East RC&D, Wasco County Forest Collaborate Group, Juniper Flat District Improvement Company, Rock Creek District Improvement Company, Badger District Improvement Company, Round Prairie Ditch Company, Lost & Boulder District Improvement Company

Private (land owned by non-governmental entities)

This grant will take place in more than one county.

Permits

Other than the land-use form, do you need a permit, license or other regulatory approval of any of the proposed project activities?

Yes

No

Racial and Ethnic Impact Statement

Racial and Ethnic Impact Statement

- The proposed grant project policies or programs could have a disproportionate or unique POSITIVE impact on the following minority persons. (indicate all that apply)
- The proposed grant project policies or programs could have a disproportionate or unique NEGATIVE impact on the following minority persons. (indicate all that apply)
- The proposed grant project policies or programs WILL HAVE NO disproportionate or unique impact on minority persons.

Insurance Information

- Working with hazardous materials (not including materials used in the normal operation of equipment such as hydraulic fluid)
- Earth moving work around the footprint of a well
- Aerial application of chemicals
- Removal or alteration of structures that hold back water on land or instream including dams, levees, dikes, tidegates and other water control devices (this does not include temporary diversion dams used solely to divert water for irrigation)
- Applicant's staff or volunteers are working with kids related to this project (DAS Risk assessment tool not required, additional insurance is required)
- Applicant's staff are applying herbicides or pesticides (DAS Risk assessment tool not required, additional insurance is required)

Additional Information

- This project affects Sage-Grouse.

Problem Statement

Does the watershed council have a fiscal sponsor?

- Yes
 No

For Details If yes, upload your fiscal sponsorship agreement.

Is the council a membership organization?

- Yes
 No

The council is a group of councils operating collectively.

- Yes
 No

Name of coordinating council.

Wasco County Area Watershed Councils Coordinating Board

Is the applicant a group of councils operating independently?

- Yes
 No

For Details Upload the council's most recent bylaws.

For Details Upload the council's most recent policies and procedures.

For Details Upload the council's local government designation

Date of the council's 2017-2019 self assessment?

Date of last council officer elections.

Does the council have written position descriptions for council board officers?

- Yes
 No

Does the council have written roles and responsibilities for council governing body members?

- Yes
 No

How many times did/will the council governing body meet between July 1, 2017-June 30, 2019?

Describe how the council advertises its general council meetings.

Do council governing body meetings have agendas, sign-in sheets, and minutes?

- Yes
- No

Are projects of the council, including those identified in the work plan, identified in a council action plan or strategic plan?

- Yes
- No

Is the work of the council specifically designed to benefit salmon or steelhead?

- Yes
- No

Proposed Solution Projects

Project #1

Project Title

Fifteenmile Lamprey Presentations

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Host presentations at Fifteenmile watershed council meetings from Confederated Tribes of Warm Springs (CTWS) and USFS, to provide updates on lamprey research and monitoring.

Key Partners

Confederated Tribes of Warm Springs (CTWS) and the United States Forest Service (USFS)

Previous Biennium's Accomplishments

Presentations were given to the council annually.

Challenges

CTWS lamprey study has not been monitored regularly throughout the last several years. Staff turnover and involvement have been limiting factors in the monitoring.

Next Biennium's Planned Deliverables

Annual presentations from CTWS Staff. Regular involvement in watershed council activities and planning. Opportunities exist to educate the council and community about the status of state sensitive Pacific Lamprey.

Original Start Date

07/01/2019

Proposed Completion Date

06/30/2021

Priority

- High
- Medium
- Low
- Emerging

Project #2

Project Title

Fifteenmile - OWRD Groundwater Monitoring Presentations

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Host annual groundwater monitoring updates from Oregon Water Resources Department (OWRD) at watershed council meetings.

Key Partners

Oregon Water Resources Department (OWRD)

Previous Biennium's Accomplishments

Annual groundwater monitoring presentation was held.

Challenges

Lack of knowledge about groundwater in the watershed. Altered hydrology and water quantity.

Next Biennium's Planned Deliverables

Annual updates from OWRD on their monitoring efforts. Involvement with partner agencies with ongoing studies. Information from the data collection and monitoring efforts will be used to conduct pilot studies in conjunction with Phase 2 of the Managed Underground Storage Feasibility Study.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #3

Project Title

Mosier - Commingling Well Education

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Develop educational material for landowners to understand new state special area well construction standards for Mosier (new rules were adopted Summer 2015) to prevent any new commingling wells from being constructed. Ongoing effort to educate area residents to understand that domestic wells are as likely to commingle as irrigation wells.

Key Partners

OWRD, Soil and Water Conservation District (SWCD)

Previous Biennium's Accomplishments

Regular presentations from OWRD at watershed council meetings sharing information on how the new standards have effected landowners and well drillers as well as information on new costs.

Challenges

Demystifying the cause of the aquifer declines has been a challenge. Many residents still believe the cause is overuse by the irrigators. When in fact the issue is all wells for all uses that are not properly cased and sealed. Additional costs that accrue with the new standards have landowners concerned when drilling a new well or abandonment of an old well.

Next Biennium's Planned Deliverables

OWRD will provide the council with a bi-annual presentation describing the details of the rules as well as information that is being shared at well driller conferences across the state. Presentations from OWRD will share information gathered on wells being drilled in the Special Area to provide crucial information to landowners of the area and interested parties. Presentations will serve as platforms for community education and outreach.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low

Emerging

Project #4

Project Title

The Dalles - Annual Volunteer Planting

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Convene a subcommittee to identify priority projects and organize an annual volunteer event. Projects to coincide with Focus Areas prioritized in the Action Plan.

Key Partners

SWCD, The Dalles Community

Previous Biennium's Accomplishments

Council members worked with the City of The Dalles to reseed grass along and plant native species on an eroding embankment on property in the heart of town along Mill Creek.

Challenges

Staff capacity.

Next Biennium's Planned Deliverables

Increase visibility of the watershed council and raise awareness of watershed areas.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #5

Project Title

Badger Ditch Piping Project

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

This project would pipe approximately 2.7 miles of Highland Ditch starting at the diversion point from Badger Creek, through Badger Creek Wilderness. The piping would save an undetermined amount of water and reduce the risk of the ditch from failure, which will contribute sediment to Badger Creek, home to redband trout.

Key Partners

Badger Improvement District, USFS, SWCD

Previous Biennium's Accomplishments

Worked with the irrigation district in applying for OWRD grant and loan. Application was not recommended for funding.

Challenges

Cost, fisheries benefits are non anadromous and have a difficult time competing for funding against projects with anadromous benefit. Extreme geography of this location presents numerous challenges for implementation.

Next Biennium's Planned Deliverables

Will work with the irrigation district to reapply for funding through OWRDs grant and loan and identify alternative funding opportunities.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #6

Project Title

Juniper Flat Ditch Piping

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

217-4016

Project Description

Improve efficiency of water delivery through open, unlined ditches. Currently there are 107 miles of unlined ditches that convey irrigation water from Clear Lake (1400 acre feet), Clear Creek and Frog Creek to 55 water users to irrigate 2,108 acres. Crops are hay (62%), winter wheat (33%) and pasture (5%). Ditch loss is estimated as high as 65% from the diversion to the application.

Key Partners

NRCS, SWCD, Irrigation Company

Previous Biennium's Accomplishments

Worked with irrigation district to apply and receive funds and hired Anderson Perry to perform an ag water conservation analysis. This included field assessments of water loss and identified potential piping opportunities, cost estimates associated, and water savings benefit from each.

Challenges

Over 50 miles of open ditch throughout project. Determine opportunities for water savings and cost benefit analysis for specific practices. Funding opportunities.

Next Biennium's Planned Deliverables

Identify funding opportunities and apply for as available. Work with irrigation district to update BOR ag water conservation management plan.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #7

Project Title

White River Irrigation Efficiency and Streamflow Restoration Project

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

213-4011, 215-4019,

Project Description

NRCS Regional Conservation Partnership Program awarded \$2 Million to Wasco SWCD for irrigation upgrades, fish passage barrier removals and restored instream flows for Tygh Creek and White River watersheds. Areas and projects include Highline, Lindell & Thompson Diversions and Ditch Eliminations; Rock Creek Main Canal Piping; Threemile Joint Diversion and Fish Screen; Threemile Fish Passage Barrier Removal.

Key Partners

SWCD, NRCS

Previous Biennium's Accomplishments

Completed all designs for Threemile joint fish screen project. Installed 90% of infrastructure for Lindell project. Installed 75% of infrastructure for Highline project. Initiated water rights transfers. Secured match funding from federal partners.

Challenges

Complex water rights transfers; NRCS engineering with limited staff time.

Next Biennium's Planned Deliverables

Complete the Lindell and Highline Ditch and Diversion elimination. Secure additional funding for Threemile project.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #8

Project Title

The Dalles - Education and Outreach

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Hold at least one educational workshop per biennium in The Dalles. Outreach to landowners along Mill Creek in urban areas. Opportunities to educate the community about watershed council projects and issues. As well as provide information and resources for restoration and best management practices.

Key Partners

Residents of The Dalles, SWCD

Previous Biennium's Accomplishments

Sponsored the SWCD Annual Tree Sale event

Challenges

Staff capacity

Next Biennium's Planned Deliverables

Sponsor the SWCD annual Tree Sale and hold a workshop for residents along Mill Creek and provide information on how to enhance their riparian areas and best management practices in urban areas.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #9

Project Title

The Dalles - Annual presentations to the council from ODFW

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Invite ODFW district biologists to annually present state of the watershed information to identify and prioritize watershed projects. Opportunities include the ability to increase the council and communities' understanding of native fish trends and habitat needs.

Key Partners

ODFW

Previous Biennium's Accomplishments

Annual presentations were provided from ODFW fish biologists. They provided information on Mill Creek fish evaluations and helped lead conversations regarding emerging restoration projects.

Challenges

ODFW staff capacity

Next Biennium's Planned Deliverables

Annual presentations from ODFW Fish biologists and regular meeting participation.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #10

Project Title

Wasco Area Watershed Councils - County Commissioners Annual Presentation

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Present a summary of watershed council activities to the County Commission, along with the Wasco County Area Watershed Councils Annual Report.

Key Partners

County Commissioners

Previous Biennium's Accomplishments

Presented two watershed council summaries of the previous years activities along with their annual reports.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Watershed Coordinator and Coordinating Board Chair will present the County Commissioners with the Annual Report and provide information on council activities.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #11

Project Title

Wasco County Watershed Councils - Increase Visibility

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Submit updates and articles to the SWCD Groundwork newsletter that is published 6 times a year, The Dalles Chronicle, The Ruralite magazine, Mosier Community News, and maintain and regularly update the new Watershed Council website.

Key Partners

Community, Media, SWCD

Previous Biennium's Accomplishments

Updates and articles to the SWCD Groundwork newsletter were submitted for 12 publications. Watershed Council history and activities were provided and included in the SWCD 75th Anniversary Report. Council meeting notices were published for the public and a new Watershed Council website was constructed.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Articles on watershed council activities in the SWCD newsletter Groundwork. Articles in local newspaper and Ruralite magazine when opportunities exists. Maintain and regularly update the new website to provide residents with up-to-date watershed information and resources.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #12

Project Title

Fifteenmile - Stream Sedimentation Studies

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Coordinate with ODA and DEQ for continued stream sedimentation studies. Information will be used to help identify watershed restoration opportunities.

Key Partners

ODA, DEQ

Previous Biennium's Accomplishments

No recent accomplishments to note at this time.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Continue to document the ecological outcome in terms of water quality improvement as a result of 97% of the watershed practicing no-till seeding and a majority of private lands enrolled in CREP. As well as work with agency's and partners to gather data. Reconvene the Fifteenmile monitoring group.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #13

Project Title

Lower Mill Creek Side Channel Effectiveness Monitoring

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

215-4018-11767

Project Description

ODFW will conduct seasonal fish surveys within the side channel and just downstream of the project for one year prior to the project implementation and for four years after project implementation. Two additional temperature data loggers will be deployed within the side channel and upstream of the project during the same time period.

Key Partners

The City of The Dalles, ODFW, DEQ, USFS

Previous Biennium's Accomplishments

ODFW monitored the site and provided annual presentations to The Dalles Watershed Council. Annual reports were completed and submitted to OWEB.

Challenges

Detecting changes at this restoration scale.

Next Biennium's Planned Deliverables

ODFW will continue to monitor this site and provide updates to the watershed council for one more year. Overall freshwater production of Mill Creek, key life history information, adult returns and key survival parameters, and age of return and age structure of the populations of steelhead and salmon. Daily maximum, minimum and 7-day running averages of stream temperature.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2020

Priority

- High
- Medium
- Low
- Emerging

Project #14

Project Title

Mosier - Commingling Well Evaluation, Prioritization and Replacement

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Continue to assess wells for commingling in zone 2 of the high priority areas when permission is granted from landowners and funding is available. Prioritize assessed wells for repair. Replace wells.

Key Partners

OWRD, SWCD, Contractor,

Previous Biennium's Accomplishments

One million dollars was received through the state legislature to fund the replacement of the wells in priority zone 1. Wells in priority zone 1 have been assessed and properly abandoned with landowner participation. 9 wells have been replaced as of February 2019.

Challenges

Landowner participation, well access, and funding.

Next Biennium's Planned Deliverables

Continue to seek additional funding for the next round of wells ready for field assessments and replacement. Once funding is secured, start replacements.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #15

Project Title

Mosier - E.coli Monitoring

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Volunteers collect water samples for E.coli testing from the Pocket Park swimming hole in Mosier Creek and the mouth of Rock Creek during the swimming season. Work with Todd Stevens to analyze samples or develop a sampling plan with DEQ if their equipment is needed for analysis.

Key Partners

Mosier Community

Previous Biennium's Accomplishments

Water samples were collected and analyzed by Mosier Watershed Council member and volunteer Todd Stevens. Results were presented annually at a council meeting.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Watershed council member to continue collecting and analyzing samples during the swimming season and present results to the watershed council.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #16

Project Title

The Dalles - E.coli Monitoring in Mill Creek

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Weekly monitoring of Mill Creek and its tributaries (Skyline and Whisky Gulch) during the summer season to identify problem areas. Work with relevant partners to remedy situation. Annual presentations to the watershed council.

Key Partners

SWCD, ODA, The City of The Dalles, Wasco County Health Department, DEQ.

Previous Biennium's Accomplishments

Samples were collected bi-weekly and analyzed. Results were presented annually at the watershed council meeting.

Challenges

Funding and limited access points.

Next Biennium's Planned Deliverables

Continue with weekly sampling events. Focus on ag lands and tributaries with consistently high e.coli concentrations. Seek funding for caffeine testing to rule out domestic contribution. Annual reports to the watershed council as well as annual reporting to ODA and DEQ.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #17

Project Title

Wasco County Watershed Councils & Coordinating Board - Convene Meetings

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Monthly check-in and quarterly business meetings for the Wasco County Coordinating Board; Quarterly meetings for The Dalles, Fifteenmile and Mosier watershed councils; Biannual meetings for White River and Bakeoven/Buck Hollow watershed councils.

Key Partners

Agricultural producers/irrigators, cities, TFT, ODFW, OWRD, DEQ, CTWS, SWCD, NRCS, NMFS

Previous Biennium's Accomplishments

Meetings were held in accordance with the project description. Monthly check-ins for the Coordinating Board with quarterly meetings were conducted, as well as quarterly meetings for The Dalles, Mosier and Fifteenmile watershed. White River and Bakeoven/Buck hollow watershed councils met annually.

Challenges

Coordinator capacity.

Next Biennium's Planned Deliverables

Hold 20 meetings per year.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #18

Project Title

Wasco County Area Watershed Councils - Work Plan Maintenance

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

Project Description

Update and maintain workplans for Wasco County Area Watershed Councils. County Wide Action Plan was completed in 2015.

Key Partners

Council members, ODFW, OWRD, DEQ, SWCD, NRCS, NMFS, TFT, OWEB,

Previous Biennium's Accomplishments

Work plan was updated on an annual basis and council members were provided with a progress report on current project status and implementation.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Continue to provide the Watershed Councils with regular status updates with an up to date work plan; evaluate progress and prioritize actions.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #19

Project Title

Wasco County Watershed Councils - Board Member Elections and New Member Orientation

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Hold elections per each councils' by-laws. Update board member binders and orientation materials and review at meeting. Work on outreach to potential members if all seats are not filled.

Key Partners

Council Members, Conservation Community

Previous Biennium's Accomplishments

Elections were held per each councils' by-laws.

Challenges

Recruiting members of the community to be involved with councils and serve on a board.

Next Biennium's Planned Deliverables

Hold council board member elections and new member orientations per each councils' by-laws. Hold annual elections for the Coordinating Board.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #20

Project Title

Wasco County Watershed Councils - Self Evaluations

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Conduct biennial self-evaluation for organizational improvement and direct staff priorities. Self-evaluations are a tool to highlight strengths within a board and council and provide insight to areas where improvement is needed.

Key Partners

Council members

Previous Biennium's Accomplishments

Self evaluations were conducted at the beginning of the last biennium.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Complete council self-evaluations Fall of 2019. Seek areas for further board development and improvement.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #21

Project Title

Fifteenmile Managed Underground Storage Facility Feasibility Study Phase 2 Pilot Study

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

217-4013

Project Description

Using OWRD and OWEB funds a GSI was contracted to explore the feasibility of developing a subsurface storage facility project in the Fifteenmile Creek drainage to benefit ESA-listed Steelhead during the irrigation season. GSI along with Anderson Perry worked to determine whether to evaluate the feasibility of using subsurface storage as an alternative to augment summertime streamflow in Fifteenmile Creek. This study was recommended as an alternative option from the off-channel storage feasibility study conducted in 2015. GSI and partner agencies have concluded the possibility for an underground facility is positive and are looking to next steps to conduct a pilot project.

Key Partners

OWEB, OWRD, ODFW, Wy'East RC&D, TFT, CTWS, DEQ, SWCD

Previous Biennium's Accomplishments

The Fifteenmile Managed Underground Storage Feasibility Study was completed. The Study proved the project feasible for benefitting instream flow.

Challenges

Water availability, legal access (water rights), physical availability (flows above minimum in-stream standards and less than ecological), flushing flows, cost, maintenance, and ownership of the project.

Next Biennium's Planned Deliverables

Continue to next steps in the pilot project. Apply for funding, and continue to work with partner agencies to determine any fatal flaws, ownership and maintenance.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #22

Project Title

Mosier - Commingling Well Repair Funding Strategy

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

GSI contract includes deliverables for contractor to research and summarize potential funding strategies for fixing commingling wells.

Key Partners

SWCD

Previous Biennium's Accomplishments

GSI summarized and prioritized top priority wells for zone 1. Identified wells in zone 1 were prioritized based on desktop analysis followed by field verification with landowner permission.

Challenges

Funding, landowner participation.

Next Biennium's Planned Deliverables

Leverage more money for the contractor to continue evaluations and assessments. Once a list for the next set of priority wells is developed for zone 2, the council and SWCD will seek funding to start replacement of those wells.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #23

Project Title

Mosier - Identify Water Conservation Opportunities

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Identify potential water conservation opportunities in all sectors and work with landowners/homeowners to implement conservation measures, including irrigation system upgrades.

Key Partners

City of Mosier, SWCD, Orchardists/Irrigators, Landowners, Wy'East RC&D

Previous Biennium's Accomplishments

Wy'East RC&D presented information on the latest water monitoring technology being used to monitor ground water levels and flow for irrigation wells.

Challenges

Inventory of existing infrastructure, Funding.

Next Biennium's Planned Deliverables

Continue to identify areas in and around Mosier for potential water conservation projects; build outreach materials to help educate landowners and local producers/irrigators and other water users.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #24

Project Title

Chenowith Creek Riparian/Wetlands Restoration Plan

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Partner with the Port of The Dalles to develop a plan to treat invasive Himalayan Blackberry, False Indigo, and Reed Canary Grass and re-establish natives at the mouth of Chenowith Creek.

Key Partners

Port of The Dalles, SWCD

Previous Biennium's Accomplishments

N/A

Challenges

This project has been put on hold while the Port is involved in a wetland planning effort for the industrial lands in The Dalles.

Next Biennium's Planned Deliverables

Continue to collaborate with the Port of The Dalles to improve wetland and riparian function. The Council will receive updates from Port representatives when appropriate to develop a strategy when more time and information is available.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #25

Project Title

The Dalles - Mill Creek Tunnel Feasibility Study

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

All artificial fish passage barriers have been removed from the Mill Creek watershed, home to ESA-listed Mid-Columbia Steelhead, with the exception of the mouth. The last 950 feet of Mill Creek flows through a concrete-lined tunnel constructed through the basalt banks of the Columbia River. According to District Fish Biologist Rod French, the tunnel can be a challenge for steelhead and other native fish to locate and enter due to its length, lack of light, and seasonal drop between the bottom of the culvert and the Columbia River during low pool. A feasibility study will be undertaken to understand possible options for rectifying this passage issue.

Key Partners

ODOT, UPRR, ODFW, SWCD

Previous Biennium's Accomplishments

N/A

Challenges

Due to the presence of three major transportation corridors over the tunnel (I-84, the Railroad and 2nd Street) basalt cliffs, and adjacent land use, economically and socially feasible options may not be available.

Next Biennium's Planned Deliverables

Continue to work with ODFW for funding opportunities for a feasibility study to identify potential solutions.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #26

Project Title

Wasco County - Oak Woodlands

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Capacity building for the creation of a strategic management plan for Oak Habitat Restoration. The Wasco Oaks conservation opportunity area, identified by ODFW's Oregon Conservation Strategy, extends from the Columbia River to the Mt. Hood National Forest. Lewis' Woodpecker, Coastal Cutthroat Trout, Winter Steelhead and many other important species all depend on this habitat.

Key Partners

ODF, USFS, ODFW, SWCD, Wasco Co. Forest Collaborative Group

Previous Biennium's Accomplishments

Participation of council members in the Wasco Co. Forest Collaborative Group.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Collaborate with stakeholders and seek funding. Continue to have a role in Oak Woodland Restoration throughout all areas of Wasco County.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #27

Project Title

Wasco County Watershed Councils - Pesticide Stewardship Partnership

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Continue to collect water samples from Fifteenmile, Threemile, and Mill Creeks. Invite DEQ to present results at watershed council meetings and local producer meetings. Work with the SWCD and Extension to promote spray drift reduction.

Key Partners

DEQ, SWCD

Previous Biennium's Accomplishments

Samples were collected each year during the spraying season. One location was added to Fifteenmile at the City of Dufur park. Results were presented annually at The Dalles and Fifteenmile watershed council meetings.

Challenges

Analyzing for the relevant pesticides. Adding sample collection sites.

Next Biennium's Planned Deliverables

Samples will be collected during DEQ's suggested dates and sent to their lab. Coordinate annual presentations from DEQ.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #28

Project Title

White River - Forest Collaborative Participation

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

216-8008-12566

Project Description

Stakeholders will be working with the Barlow Ranger USFS District with the Wasco County Forest Collaborative Group. One of the first focus areas will be Rocky Burn Restoration which encompasses a 24,000 acre area in Gate, Boulder, Badger, Rock and Threemile Creeks, all within the White River watershed council service area. The objectives of the Rocky Burn restoration are to restore forest health through thinning and prescribed burning.

Key Partners

USFS, Wasco County, ODFW, ODF, SWCD, Landowners, Irrigation Districts, Recreationalists, Sportsman's Park

Previous Biennium's Accomplishments

Continued participation in Forest Collaborative Meetings. USFS attended annual meetings to provide update on Forest Collaborative progress.

Challenges

Achieving consensus with so many stakeholders and USFS mandates.

Next Biennium's Planned Deliverables

Continue to attend monthly meetings and workshops; provide input to USFS plans, and have a role in Oak Woodland Restoration within the Rocky Burn Area.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #29

Project Title

Bakeoven / Buck Hollow Rangeland Health

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

217-4008

Project Description

Provide technical and financial assistance to support landowners actions that promote rangeland health including herbaceous weed treatment, juniper control, and grazing management.

Key Partners

NRCS, SWCD

Previous Biennium's Accomplishments

Funding was secured for a technical assistance grant. Range inventories have been gathered and resource priorities are being compiled.

Challenges

None at this time.

Next Biennium's Planned Deliverables

Continue to compile information from the inventories. Prioritize projects and apply for funding for a restoration grant.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #30

Project Title

Fifteenmile - FAST Fifteenmile Action to Stabilize Temperatures

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Fifteenmile Action to Stabilize Temperatures (FAST) will be implemented for the seventh summer in 2019. More irrigators are signing up with each year for compensation through this program for curtailing their water during a FAST Alert. The FAST model developed through ODFW monitors stream temperature and the forecast for the next 10 days. An Alert is sent out to participating irrigators when temperatures are forecasted to be lethal for threatened steelhead. Irrigators who participate in this program are helping do their part in avoiding a fish kill and ESA liability.

Key Partners

ODFW, OWRD, TFT, Irrigators, NMFS, NFWF

Previous Biennium's Accomplishments

The FAST program was implemented through its sixth season. There were no fish kills reported and the program results and data collected during the alerts including stream temperature and flow, were presented to the watershed council.

Challenges

Full irrigator participation and secured funding.

Next Biennium's Planned Deliverables

Continue to implement the FAST program. Daily forecasts, and phone alerts, post-alert reports, improved model calibration and irrigator participation to keep flow instream during critical periods, and fish kill avoidance.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #31

Project Title

Fifteenmile - Fish Passage Barrier Elimination

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Work with landowners and ODFW to identify fish passage barriers and secure funding to eliminate them.

Key Partners

ODFW, landowners

Previous Biennium's Accomplishments

Several fish passage barriers were identified.

Challenges

Funding, landowner participation

Next Biennium's Planned Deliverables

Work with ODFW to prioritize identified fish passage barriers and apply for funding.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #32

Project Title

Fifteenmile - Irrigation Water Conservation Projects

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Target irrigation water conservation projects based on recent SWCD and Wy'East inventory that was completed for the of-channel reservoir feasibility study.

Key Partners

SWCD, NRCS, Wy'East RC & D

Previous Biennium's Accomplishments

The council continues to work with partners to identify and implement water conservation projects in the Fifteemile watershed. Wy'East RC&D provided updates to the watershed council with the latest in water conservation technology.

Challenges

Funding - piping Orchard Ridge Ditch and the remained of Little ditch, the two open conveyance ditches in Fifteemile would cost of \$1.5 million dollars.

Next Biennium's Planned Deliverables

Continued to provide design and technical assistance to irrigators with existing EQIP or grant contracts. Administer grant contracts. Help secure financial and technical assistance for new water conservation projects.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #33

Project Title

Fifteenmile - Promote Instream Leasing

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Work with the Freshwater Trust to promote instream leasing to enhance stream flows.

Key Partners

The Freshwater Trust, Fifteenmile Irrigators

Previous Biennium's Accomplishments

The instream lease program is growing and completed its sixth season.

Challenges

Landowner participation

Next Biennium's Planned Deliverables

Invite the flow restoration coordinator to present at the Fifteenmile watershed council meeting about leasing options and to gain landowner participations. Provide information about instream leasing to igators who are interested in other technical/financial assistance programs. Continue to work to restore flow instream during the critical season for fish while the irrigator continues to maintain their water right.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #34

Project Title

Mosier - Invasive Weed Treatment Plan

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Work with the City of Mosier to develop a plan to treat invasive Himalayan blackberry and False indigo, along with other invasives along City property along wetlands, waterways, and to restore the area burned by the UPRR train derailment and oil spill.

Key Partners

City of Mosier, landowners

Previous Biennium's Accomplishments

Council members have been involved with the restoration plans for the areas affected by the train derailment, as well as provide updates to the council on invasive weeds treatments and efforts.

Challenges

Staff capacity, funding.

Next Biennium's Planned Deliverables

To improve wildlife habitat and overall riparian and wetland function through the treatment and maintenance of invasive species. To continue to work with partners to develop a treatment strategy including map of problem areas on private and public lands in the Mosier area.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #35

Project Title

The Dalles - Creekview Riparian Restoration

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Develop plan to re-establish native plant communities along lower Mill Creek in coordination with the City of The Dalles, to enhance wildlife habitat and educate residents about native plant communities.

Key Partners

Volunteers, City of The Dalles

Previous Biennium's Accomplishments

N/A

Challenges

Lack of resources for City and watershed council to develop and implement long term plan for the property. Lack of volunteers and community engagement, public access, and funding.

Next Biennium's Planned Deliverables

Council members will work with the City of the Dalles to address riparian restoration opportunities on the property and work to develop a long range plan.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Project #36

Project Title

The Dalles - South Fork of Mill Creek Weir

Project Category

- Restoration
- Stakeholder Engagement
- Technical Assistance
- Planning
- Organizational Development and Management
- Monitoring and Assessment

OWEB Grant Number

xxx

Project Description

Partner with the City of The Dalles and ODFW to remove/modify a concrete weir structure on the South Fork of Mill Creek to improve fish passage and increase habitat to ESA-listed Mid-Columbia Steelhead.

Key Partners

The City of The Dalles. ODFW

Previous Biennium's Accomplishments

Council worked with the City of The Dalles and ODFW along with engineers to design modification to the structure.

Challenges

Timing for the instream work period, funding

Next Biennium's Planned Deliverables

Work with ODFW to finish the project designs and apply seek funding opportunities.

Original Start Date

07/01/2019

Proposed Completion Date

06/31/2021

Priority

- High
- Medium
- Low
- Emerging

Wrap-Up

List the watershed council staff (or contractors), their roles, affiliation (staff or contractor), length of time in position (use the Qualifications space), and contact information.

No Key Individuals have been identified for this application.

Budget

Item	Unit Type	Unit Number	Unit Cost	OWEB Funds	External Cash	External In-Kind	Total Costs
Salaries, Wages and Benefits							
			\$0	\$0	\$0	\$0	\$0
Category Sub-total				\$0	\$0	\$0	\$0
Contracted Services							
			\$0	\$0	\$0	\$0	\$0
Category Sub-total				\$0	\$0	\$0	\$0
Travel							
			\$0	\$0	\$0	\$0	\$0
Category Sub-total				\$0	\$0	\$0	\$0
Materials and Supplies							
			\$0	\$0	\$0	\$0	\$0
Category Sub-total				\$0	\$0	\$0	\$0
Equipment							
			\$0	\$0	\$0	\$0	\$0
Category Sub-total				\$0	\$0	\$0	\$0
Other							
			\$0	\$0	\$0	\$0	\$0
Category Sub-total				\$0	\$0	\$0	\$0
Modified Total Direct Cost Amounts				\$0	\$0	\$0	\$0
Total				\$0	\$0	\$0	\$0

If the budget includes unusually high costs and/or rates, provide justification for those costs and/or rates.

If the budget identifies a contingency amount for specific line item(s) within the Contracted Services and Materials and Supplies budget categories, explain the specific reasons a contingency is needed for each line item. Contingencies are line-item specific and cannot be used for other costs.

Funding and Match

No Fund Sources have been identified for this application.

Do match funding sources have any restrictions on how funds are used, timelines or other limitations that would impact the portion of the project proposed for OWEB funding?

- Yes
- No

Do you need state OWEB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project?

- Yes
- No

Does the non-OWEB funding include NOAA/PCSRF funds?

- Yes
- No

Uploads

Permit Page

No Permits have been identified for this application.