



SMALL GRANT PROGRAM APPLICATION 2015-2017

Application Processing Information (to be completed by the Small Grant Team Contact)

Application #: _____

Date Received: _____

Date Acted On: _____

_____ Recommended _____ Denied

SGT Contact

Signature: _____

I. GENERAL INFORMATION

OWEB Funds Requested \$7,829.00
Round to nearest dollar

Total Project Cost \$ 10,469.00
Round to nearest dollar

Name of Project (five words or fewer) Jerry Weathers Spring Development

Project Location (if more than one, include location/landowner information on each map)

This project occurs at (check one):

A single site

Multiple sites

Umatilla

Umatilla

T3NR25E Sec 2

Watershed(s)

County or counties

Township, Range, Section(s)

(e.g., T1N, R5E, S12)

-118.4151, 45.6859

*Longitude, Latitude (e.g., -123.789, 45.613)
(Required for federal/state reporting)*

1707010305

*Subbasin(s) – Please note the 10-digit hydrological unit code,
previously 5th Field HUC*

River or Creek Name (if applicable)

River Mile (if applicable)

1. Have you previously submitted an application to OWEB, either through the regular or small grant program, for this project, or one similar to it on the same property? Yes Grant # _____ No

If yes, explain Submitted to small grant team, but funds were limited.

2. Does this application propose a grant for a property in which OWEB previously invested funds for purchase of fee title or a conservation easement; or is OWEB currently considering an acquisition grant for this property?

Yes Grant # _____ No

If yes, explain _____

II. CONTACT INFORMATION

Applicant Org.: Umatilla County Soil and Water Conservation District	Tax ID: 93-0708539	Contact: Kyle Waggoner, District Manager
Mailing Address: 1 SW Nye Ave. Suite 130 Pendleton, OR		Zip: 97801
Phone: 541-278-8049 ext. 138	Email: umcoswcd@eotnet.net	

Landowner(s): Jerry Weathers		
Landowner Address: 53788 Bingham Rd., Adams OR		Zip: 97810
Phone: 541-566-3824	Email:	

Project Manager for the Grantee: Umatilla County Soil and Water Conservation District		
Project Manager Address: 1 SW Nye Ave. Suite 130 Pendleton, OR		Zip: 97801
Phone: 541-278-8049 ext. 138	Email: umcoswcd@eotnet.net	

Payee Org.: Umatilla County Soil and Water Conservation District	Tax ID: 93-0708539	Contact: Kyle Waggoner, District Manager
Payee Address: 1 SW Nye Ave. Suite 130 Pendleton, OR		Zip: 97801
Phone: 541-278-8049 ext. 138	Email: umcoswcd@eotnet.net	

Technical Contact: NRCS	
Phone: 541-278-8049	Email:

III. PROJECT INFORMATION

Priority Watershed Concern: the project will address—Check One Only:

- | | | |
|--|--|---|
| <input type="checkbox"/> Instream Process & Function | <input type="checkbox"/> Riparian Process & Function | <input type="checkbox"/> Urban Impact Reduction |
| <input type="checkbox"/> Wetland Process & Function | <input type="checkbox"/> Road Impact Reduction | <input checked="" type="checkbox"/> Upland Process & Function |
| <input type="checkbox"/> Fish Passage | <input type="checkbox"/> Water Quantity & Quality/ Irrigation Efficiency | |

Small Grant Team Priority Project Type(s) addressed by the project (see application instructions):

Upland process and function-manage nutrient sediment input into the stream; livestock watering

1-a. Is the project consistent with the local watershed assessment or action plan?

- Yes Name primary assessment/plan Umatilla/Willow Subbasin Plan
 No
 N/A—The watershed does not yet have an assessment or action plan

1-b. Is the project consistent with the local Agricultural Water Quality Management Area Plan?

- Yes No

1-c. Is the project consistent with any developed plan for the property (e.g., local conservation or stewardship plans, etc.)? Yes No

If yes, name the plan(s): _____

2. Describe the current watershed PROBLEM(s) you are seeking to address.

The landowner currently pastures 50 cow/calf pairs in November and April for one month on this 260 acre parcel at the base of the Blue Mountains. This area is also part of the CTUIR Big Game Wintering Zone (50 Elk and White Tail Deer). The existing water source for the livestock and wildlife are a developed water gap in the west end of the pasture #1 and a dilapidated spring in the middle portion of the pasture #2. Because livestock tend to gather near water sources, the water source near this spring is becoming trampled and is not reaching the riparian area located to the North of the pastures. In addition, the pasture isn't being utilized to its potential because of poor grazing distribution.

According to the Umatilla/Willow Subbasin Plan, the Umatilla River directly north of these pasture is part of the Priority Geographic Area for coho, summer steelhead, spring chinook, and bull trout habitat restoration and protection. Even though this water does not directly touch the Umatilla River it is tied hydraulically by reaching the riparian area directly north of said pastures.

3. Describe the SOLUTION(s) you are proposing to address the current problem(s). Attach a site map, color photo(s), and (if applicable) preliminary project drawings or designs

The landowner would like to redevelop the dilapidated spring development in Pasture #2 and install a 600 gallon trough. The spring development will not only provide livestock a reliable water source but also the wintering elk and other resident wildlife during the grazing season. The presence of the spring development will enhance the landowner's grazing management program by providing him the ability to put water in all

three pastures and rotate through these pastures in different seasons. A three gate system will be installed in the Northwestern corner of Pasture #3 to allow him to control animals in each of the three pastures separately. This will allow the landowner to allow the grass to reach maturity on each pasture during different years. Also providing protection to the source which will be fenced off. The development and trough placement will be designed to NRCS specifications.

4. Technical Guidance Source (check at least one and identify the Practice Code, or page and paragraph).

<input checked="" type="checkbox"/> NRCS Field Office Technical Guide Practice Code 516, 574, 614	<input type="checkbox"/> Guide to Placing Large Wood in Streams Page # / Para _____
<input type="checkbox"/> Oregon Road/Stream Crossing Restoration Guide Page # / Para _____	<input type="checkbox"/> Forest Practices Tech Note #4 Page # / Para _____
<input type="checkbox"/> Nonpoint Source Pollution Control Guidebook Page # / Para _____	<input type="checkbox"/> Forest Practices Tech Note #5 Page # / Para _____
<input type="checkbox"/> Urban Subwatershed Restoration Manual Page # / Para _____	<input checked="" type="checkbox"/> Tribal Natural Resource Plans and Water Plans (attach the relevant page or pages)

5. Maintenance and Post-Implementation Monitoring

a) Project maintenance is the responsibility of the landowner. What aspects of the project will be maintained? (See application instructions.)

Who will maintain?	What will be maintained?	How will it be maintained?	# of years # of times/year
Landowner	Spring Development, Trough, and Fencing	Necessary Repairs and routine maintenance	As needed

b) Post-implementation monitoring including photo points and visual inspection is required for small grants (Year-Two Status Report). What (if any) additional aspects of the project will be monitored post-implementation? (See application instructions)

Who will monitor?	What will be monitored?	Cite monitoring protocols	# of years # of times/year
Umatilla Co. SWCD	Spring Development, Trough, and Fencing	Photos	As per OWEB Requirements

6. Who will be responsible for writing the Year-Two Status Report?

Name: Umatilla County SWCD	Org.:
Mailing Address: 1 SW Nye Ave. Suite 130, Pendleton, OR	Zip: 97801
Phone: 541-278-8049 ext. 138	Email: umcoswcd@eotnet.net

7. Have the required permits been obtained for the project? Yes No Not Required

If yes, what permits have been issued? (Attach copies) _____

If no, what permits must be obtained and by when? CTUIR Cultural Resource Review, before implementation

8. Is this project required as a condition of a local, state, or federal permit, order, or enforcement action (e.g., a manure storage and management project required by ODA permit)?

Yes No

9. Project Partners. Show all anticipated funding sources, and indicate the dollar value for cash or in-kind contributions. Be sure to provide a dollar value for each funding source. If the funding source is providing in-kind contributions, briefly describe the nature of the contribution in the Funding Source Column. In the Amount/Value Column, provide a total dollar amount or value for each funding source.

Funding Source Name the partner and contribution	Cash	In-Kind	Amount/ Value
OWEB:	7829.00		7829.00
Landowner:		2618.00	2618.00
Umatilla County SWCD:		22.00	22.00
Total Estimated Funds (add all amounts in the far right column)			\$10,469

The total should equal the total cost of the project on page 1

10. Project Budget (Word)—Itemize projected costs for each of the following “Expense Categories” that apply to your project. A minimum of 25% match—cost share—in-kind/cash is required. See application instructions and additional team conditions for further guidance.

PLEASE NOTE: Budgets may be submitted in either Word or Excel (form on website) formats.
http://www.oregon.gov/OWEB/GRANTS/smgrant_forms.shtml

Fill in the amounts, rounded to the nearest dollar, please **do not** include cents.

Expense Category	No. of Units	Unit Cost	OWEB Funds	Cost Share In-Kind/Cash(Match)	Description-- <i>what will be purchased or done and who will provide the item/perform the work</i>
SALARIES, WAGES AND BENEFITS. Refers to in-house staff/applicant employees for whom payroll taxes are paid. List position titles; include only costs of employees charged to this grant.					
		\$0	\$0	\$0	
		\$0	\$0	\$0	
SUBTOTAL (1)			\$0	\$0	
CONTRACTED SERVICES. Labor, supplies, materials and travel to be provided by non-staff for project implementation.					
		\$0	\$0	\$0	
		\$0	\$0	\$0	
		\$0	\$0	\$0	
SUBTOTAL (2)			\$0	\$0	
MATERIALS AND SUPPLIES. Refers to items that are purchased by or invoiced to the applicant, and are “used up” in the course of the project. Costs to OWEB must be directly related to the implementation of this grant.					
		\$0	\$0	\$0	
		\$0	\$0	\$0	
		\$0	\$0	\$0	
		\$0	\$0	\$0	
		\$0	\$0	\$0	
SUBTOTAL (3)			\$0	\$0	
TRAVEL. Mileage. For current rates go to: http://www.oregon.gov/OWEB/Pages/forms_linked.aspx#					
		\$0	\$0	\$0	
		\$0	\$0	\$0	
SUBTOTAL (4)			\$0	\$0	
OTHER. Land use signature costs, project permit costs, small equipment repair, commercial equipment rental.					
		\$0	\$0	\$0	
		\$0	\$0	\$0	
SUBTOTAL (5)			\$0	\$0	
MODIFIED TOTAL DIRECT COST (MTDC) (Add Subtotals 1-5)			\$0	\$0	
GRANT ADMIN. Not to exceed 10% of Modified Total Direct Costs (MTDC). Compute by multiplying MTDC by 0.10 or less. See the current Budget Categories Definitions document at http://www.oregon.gov/OWEB/Pages/forms_linked.aspx# for eligible costs.					
Grant Administration	10% of MTDC		\$0	\$0	
POST-GRANT					
Year-Two Status Report			\$0	\$0	(Not to exceed \$200)
Post-Project Plant Establishment			\$0	\$0	(Not to exceed \$1,000)
PROJECT TOTALS			\$0	\$0	(Not to exceed \$10,000 in OWEB funds)

We, the undersigned, attest that to the best of our knowledge the information contained in this application is true, that the proposed project is not required by a state or federal agency directive, and that the project will be completed within 24 months from the date of the team funding recommendation of the application. We understand that the submitted application is a matter of public record.

Also, should funding for this project be awarded we understand:

- 1) We may not incur any project expenses until all designated signatories have signed an OWEB grant agreement,
- 2) we will be required to provide proper accounting of project expenses, and
- 3) we will be required to provide necessary and normal maintenance to sustain the value of the project once it is completed.

By their signatures, the landowner(s) attest that they have no plans to sell their property as of the date of this application, are authorized to sign as landowner, and they agree to provide, upon prior request and at a mutually acceptable time, site access to the applicant or representatives of OWEB for a period up to two years following project completion to allow project work to be implemented, monitored, and maintained.

_____	_____
Applicant	Date
_____	_____
Landowner	Date
_____	_____
Fiscal Agent	Date

<p>ATTACHMENT CHECKLIST</p> <p><input checked="" type="checkbox"/> Project location map (Required)</p> <p><input type="checkbox"/> Color photographs of site (Required)</p> <p><input type="checkbox"/> Site drawings/diagrams (if applicable)</p> <p><input type="checkbox"/> Juniper Checklist (if applicable)</p> <p><input type="checkbox"/> Cooperative agreement, if 2 or more landowners (Optional)</p> <p>May be submitted in lieu of ALL Landowner signatures on Application</p> <p><u>ALL Landowners must sign the Grant Agreement</u></p> <p><input checked="" type="checkbox"/> Racial and Ethnic Impact Statement (Required)</p> <p><input checked="" type="checkbox"/> Restoration Metrics form (Required)</p> <p>Other materials (as required by team)</p> <p>OPTIONAL FORMS AT APPLICATION STAGE <u>(Required at the time of payment request, see instructions)</u></p> <p><input type="checkbox"/> Irrigation Efficiency</p> <p><input type="checkbox"/> Culvert/Stream Crossing</p> <p><input type="checkbox"/> Secured Match</p> <p><input type="checkbox"/> Land Use</p>



Racial and Ethnic Impact Statement

This form is used for information purposes only and must be included with the grant application.

Chapter 600 of the 2013 Oregon Laws require applicants to include with each grant application a racial and ethnic impact statement. The statement provides information as to the disproportionate or unique impact the proposed policies or programs may have on minority persons¹ in the State of Oregon if the grant is awarded to a corporation or other legal entity other than natural persons.

1. The proposed grant project policies or programs could have a disproportionate or unique positive impact on the following minority persons:

Indicate all that apply:

- Women
- Persons with Disabilities
- African-Americans
- Hispanics
- Asians or Pacific Islanders
- American Indians
- Alaskan Natives

2. The proposed grant project policies or programs could have a disproportionate or unique negative impact on the following minority persons:

Indicate all that apply:

- Women
- Persons with Disabilities
- African-Americans
- Hispanics
- Asians or Pacific Islanders
- American Indians
- Alaskan Natives

3. The proposed grant project policies or programs will have no disproportionate or unique impact on minority persons.

If you checked numbers 1 or 2 above, on a separate sheet of paper, provide the rationale for the existence of policies or programs having a disproportionate or unique impact on minority persons in this state. Further provide evidence of consultation with representative(s) of the affected minority persons.

I HEREBY CERTIFY on this 15 day of July, 2016, the information contained on this form and any attachment is complete and accurate to the best of my knowledge.

Signature:

Printed Name: Kyle Waggoner

Title: District Manager

¹ “Minority persons” are defined in SB 463 (2013 Regular Session) as women, persons with disabilities (as defined in ORS 174.107), African-Americans, Hispanics, Asians or Pacific Islanders, American Indians and Alaskan Natives.



RESTORATION METRICS FORM

OWEB receives a portion of its funds from the federal government and is required to report how its grantees have used both federal and state funds. The information you provide in the following form will be used for federal and state reporting purposes.

Please complete all portions of the form below as they apply to your project and submit all pages (do not exclude any pages). Please provide specific values, do not enter values like "2-3" or "<100". Enter your best approximation of what the project will accomplish.

If you have any questions, please contact Cecilia Noyes, OWEB Federal Reporting Coordinator, at 503-986-0204 (cecilia.noyes@state.or.us) or Ginger Lofftus, OWEB PCSRF Reporting Assistant, at 503-986-5372 (ginger.lofftus@state.or.us)

Section 1 - Project Overview

Answer all five questions below, even if you have answered a similar question in a previous section in the grant application.

1. Land Use Setting: CHECK ONE BOX ONLY.

<input type="checkbox"/> Urban/Suburban/Exurban (Projects located within urban growth boundaries or rural residential areas)	<input checked="" type="checkbox"/> Rural (Projects located outside urban growth boundaries or rural residential areas.)
---	---

2. Dominant Watershed Setting: CHECK ONE BOX ONLY. Example: Your project involves managing erosion in the upland area with some erosion control extended to the riparian area. Because most of the work is to occur in the upland area, you would check only the Upland box below.

<input type="checkbox"/> Estuary (where freshwater meets and mixes with saltwater of ocean tides.)	<input type="checkbox"/> Riparian (adjacent to a water body, within the active floodplain.)
<input type="checkbox"/> Instream (below the ordinary high-water mark or within the active channel — includes fish passage.)	<input checked="" type="checkbox"/> Upland (above the floodplain.)
<input type="checkbox"/> Wetland (areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support a prevalence of vegetation typically adapted for life in saturated soil conditions.)	<input type="checkbox"/> Groundwater (Projects that recharge groundwater or primarily affect the subsurface water table.)

3. Total Acres Treated: 260 Total Stream Miles Treated: _____

(do not include upstream stream miles made accessible to fish with passage improvements)

4. Project Monitoring: All OWEB funded restoration projects require post-implementation status reporting including photo point monitoring. Please indicate below: 1) the location of the monitoring activities relative to the project, including photo point locations, 2) whether effectiveness monitoring is planned, and 3) whether additional monitoring will be conducted for this project.

4.1) Identify the location for the planned monitoring activities relative to the restoration project location. Check as many boxes as apply.

<input checked="" type="checkbox"/> Onsite	<input type="checkbox"/> Downstream	<input type="checkbox"/> Upstream	<input type="checkbox"/> Upslope
--	-------------------------------------	-----------------------------------	----------------------------------

4.2) Effectiveness monitoring will be conducted for this project. Please note that effectiveness monitoring cannot be funded with OWEB Small Grant Funds. To review effectiveness monitoring and post-implementation status reporting definitions click on the link to the OWEB Web site below.

http://www.oregon.gov/OWEB/MONITOR/effective_monitoring.shtml

4.3) Will this project conduct monitoring activities **beyond the required post-implementation status reporting and photo point monitoring?**

Yes No If you answer yes, select the monitoring activities below, if you answer no proceed to Section 2.

Check all proposed monitoring activities

<input type="checkbox"/> Adult Fish presence/absence/abundance/distribution survey(s)	<input type="checkbox"/> Spawning surveys
<input type="checkbox"/> Juvenile Fish presence/absence/abundance/distribution survey(s)	<input type="checkbox"/> Upland vegetation (Presence/Absence)
<input type="checkbox"/> Instream Habitat surveys	<input type="checkbox"/> Water quality
<input type="checkbox"/> Macroinvertebrates	<input type="checkbox"/> Water quantity
<input type="checkbox"/> Noxious weed (Presence/Absence)	<input type="checkbox"/> Photo Points
<input type="checkbox"/> Riparian vegetation (Presence/Absence)	<input type="checkbox"/> Other (explain): _____

Section 2 - Project Activities

Provide values for each Project Activity applicable to your application. **Leave blank any Project Activity or metric line that is not appropriate to your application.** All data entered in this form should be what you **plan** to do with the project. Data about **completed** projects will be reported at the end of the project to the Oregon Watershed Restoration Inventory (OWRI). For each activity type where you enter metrics, **estimate** the percentage of the total cost of the project (OWEB and all other funding sources, shown in **III. 9.** of this application) that applies to the activity. The sum of all of the activity cost percentages should equal 100%. Please distribute all administrative, project management and other general project costs among the various project activities when estimating percentages.

Example: A project will remove a fish passage barrier, place large boulders instream, and plant a riparian buffer. You would enter the appropriate metrics into the Fish Passage, Instream Habitat, and Riparian Habitat activity sections of this form. Then, estimate the percentage of the total cost of the project for each activity. For instance: 20% towards Fish Passage activities, 25% towards Instream Habitat activities, and 55% towards Riparian Habitat activities.

Fish Screening Projects: Projects that result in the installation or improvement of screening systems that prevent fish from passing into areas that do not support fish survival, for example, into irrigation diversion channels.

Note: OWEB funds cannot be used for fish screening projects

____ % Estimate the percentage of total cost of the project applied to fish screening activities

New Fish Screens Installed

____ # Estimate the number of new screens installed (do not count diversions where existing screens are replaced)

____ cfs Estimate the cubic feet per second of flow influenced by new screen(s) installed (to nearest 0.01 cfs)

Existing Screens Replaced, repaired or modified

____ # Estimate the number of existing screens replaced, repaired or modified

____ cfs Estimate the cubic feet per second of flow influenced by existing screen(s) screens (to nearest 0.01 cfs)

Fish Passage Improvement: *Projects that improve fish migration by addressing a migration barrier problem.*

Complete sections A-E as they apply to the proposed project. For projects that improve fish passage at road crossings complete both sections A (define the problem) and B (define the treatment). Non-road crossing improvements are reported in sections C and D. Section E should be completed for all fish passage improvement projects. Refer to the application instructions for additional information and examples.

A. Road Crossings – Define Existing Fish Passage Problem

1. Culverts hindering fish passage	_____ # crossings
2. Bridges hindering fish passage	_____ # crossings
3. Fords hindering fish passage	_____ # crossings

B. Road Crossings – Define the Fish Passage Improvements to be implemented by this project

1. Culverts installed/improved - <i>Improvements include installing baffles inside culverts or installing/improving engineered bypasses (e.g. weirs) directly below a culvert outlet to improve passage.</i>	_____ # crossings	_____ str. mi with improved access*
2. Bridges installed/improved - <i>Improvements include installing/improving engineered bypasses (e.g. weirs) directly below a bridge crossing to improve passage.</i>	_____ # crossings	_____ str. mi with improved access*
3. Fords installed/improved	_____ # crossings	_____ str. mi with improved access*
4. Road Crossings removed and <u>not</u> replaced	_____ # crossings	_____ str. mi with improved access*

**Estimate stream miles in the main channel and tributaries made more accessible above the crossing(s) (to nearest 0.01 mile). If a barrier exists upstream, report the length made accessible up to that next upstream barrier.*

C. Fish Passage Barriers – Other than Road Crossings

1. Type(s) of barriers to be treated/removed to improve fish passage.	<input type="checkbox"/> Diversion Dam <input type="checkbox"/> Push-up Dam <input type="checkbox"/> Wood or Concrete Dam <input type="checkbox"/> Weir (not associated with a road crossing) <input type="checkbox"/> Logs <input type="checkbox"/> Debris <input type="checkbox"/> Boulder/Rock Barrier (not weirs) <input type="checkbox"/> Landslide Other (explain) _____
2. _____ # Estimate the total number of non-road crossing barriers (listed above) to be removed or altered to improve passage.	

D. Fish Ladders or Engineered Bypasses (not associated with Road Crossings)

1. Fish ladders will be installed/improved	_____ # fish ladders to be installed/improved
2. Engineered bypasses will be installed/ improved. <i>This includes weirs, rock boulder step pools, and chutes constructed/roughened in bed rock. Do not count engineered bypasses located at a road crossing to improve passage at the crossing. These types of improvements should be identified above in section B as a Road Crossing Fish Passage Improvement.</i>	_____ # engineered bypasses to be installed/improved

E. Fish Passage Summary Metrics

1. _____ % Estimate the percentage of total cost of the project applied to fish passage improvements
2. _____ mi Estimate the total stream miles that will be made more accessible in the main channel and tributaries above the project (to nearest 0.01 mile). *This metric summarizes the stream miles for all of the proposed passage improvements (defined above in Sections A-D). If a barrier exists upstream of the project, report the length made accessible up to that next upstream barrier.*
3. _____ # Estimate the total number of barriers (this includes road crossings, diversion dams, push up dams, wood or concrete dams, weirs, etc.) to be removed or altered to improve passage.

Instream Flow: *Projects that maintain and/or increase the instream flow of water.* Irrigation improvements that are primarily designed to improve water quality should be reported under Upland – Agriculture Management.

Check all proposed activities.

<input type="checkbox"/> Irrigation practice improved to increase instream flows (e.g. install diversion headgate, replace open ditches with pipes)	<input type="checkbox"/> Water flow gauges installed to measure water use
<input type="checkbox"/> This project will dedicate instream flow.	<input type="checkbox"/> Other (explain): _____

- _____ % Estimate the percentage of total cost of the project applied to instream flow activities
- _____ mi. Estimate the miles of stream where increased flow is the result of decreased/eliminated water withdrawals
- _____ cfs Estimate the increase in flow of water in the stream as a result of conservation effort (cubic feet per second)
- _____ mm/dd/yyyy Initial start date of irrigation practice improvement
- _____ mm/dd/yyyy Final end date of irrigation practice improvement (if improvement is permanent enter 12/31/9999)
- _____ mm/dd/yyyy Water lease/agreement initial start date of no withdrawal
- _____ mm/dd/yyyy Water lease/agreement final end date of no withdrawal (if lease/agreement is permanent, enter 12/31/9999)

Instream Habitat: *Projects that are designed to improve instream habitat conditions.*

Check all proposed activities.

<input type="checkbox"/> Channel reconfiguration and connectivity (e.g., creating instream pools, meanders, improving floodplain connectivity, off-channel habitat, removal or alteration of levee or berm, removal of sediment)	<input type="checkbox"/> Spawning gravel placement
<input type="checkbox"/> Channel structure - large wood placement	<input type="checkbox"/> Plant Removal/control (instream) List scientific names of plants _____
<input type="checkbox"/> Channel structure - boulder placement	<input type="checkbox"/> Carcass or nutrient placement: <input type="checkbox"/> salmonid carcass; <input type="checkbox"/> fish meal brick; <input type="checkbox"/> other nutrient
<input type="checkbox"/> Channel structure placement (<u>other</u> than large wood or boulder placements), e.g., engineered structures or deflectors, barbs, weirs, etc.	<input type="checkbox"/> Other (explain): _____
<input type="checkbox"/> Streambank stabilization through resloping and/or placing rocks, logs (e.g. revetments, gabions, barbs), or bioengineering on streambank	

- _____ % Estimate the percentage of total cost of the project applied to instream habitat activities
- _____ mi. Estimate the miles of stream to be treated with instream habitat treatments (to nearest 0.01 mile)
- _____ % Estimate the percentage of instream activity costs for carcass or nutrient placements. If you do not select carcass/nutrient placements as an instream activity, leave this value blank. *Example: Your project will place salmon carcasses. You estimated that 25% of the total project cost will apply to instream habitat activities and one half of the instream improvements costs will apply to the carcass placement, you would report 50%.*

Riparian Habitat: *Projects above the ordinary high-water mark of the stream and within the floodplain of the stream. Check all proposed activities.*

<input type="checkbox"/> Riparian planting	<input type="checkbox"/> Non-native/noxious plant control
<input type="checkbox"/> Riparian exclusion fencing	<input type="checkbox"/> Vegetation management (e.g. prescribed burnings, stand thinning, stand conversions, silviculture)
<input type="checkbox"/> Livestock exclusion by means other than fencing (includes placing obstacles to exclude livestock, people, vehicles, etc., but not for individual plant protection)	<input type="checkbox"/> Debris/structure removal (OWEB funds cannot be used for general trash removal)
<input type="checkbox"/> Water gap development (fenced livestock crossing or livestock bridge)	<input type="checkbox"/> Other (explain): _____ <i>Do not report livestock water developments here, report livestock water developments under upland habitat treatments.</i>
<input type="checkbox"/> Conservation grazing management (e.g., rotation grazing)	

- _____ % Estimate the percentage of total cost of the project applied to riparian habitat activities
- _____ ac. Estimate the acres of riparian habitat to be planted (to nearest 0.1 acres)
- _____ ac. Estimate the acres of riparian habitat to be treated for non-native/noxious weeds (to nearest 0.1 acres)
- _____ ac. Estimate the total riparian acres to be treated. (to nearest 0.1 acres)
- _____ mi. Estimate the miles of riparian streambank to be treated (to nearest 0.01 mi). Stream sides treated one two
(Do not double count miles if a second side is treated)

Upland Habitat: *Projects implemented above the floodplain. Check all proposed activities.*

<input type="checkbox"/> Planting/seeding for erosion control (e.g., convert from crops to native vegetation, plant area where non-native/noxious weeds removed, grassed waterways, windbreaks, filter strips) List scientific names of plants _____	<input type="checkbox"/> Livestock Manure Management (e.g., feedlot improvements to reduce runoff, relocate/improve manure holding structures and manure piles to reduce/eliminate drainage into streams)
<input type="checkbox"/> Slope stabilization (e.g., grade stabilization, landslide reparation, terracing slopes)	<input checked="" type="checkbox"/> Livestock/Wildlife Water Developments
<input type="checkbox"/> Non-native/noxious plant control; List scientific names of plants: _____	<input type="checkbox"/> Upland Livestock Management (<i>other than</i> livestock water developments), e.g., grazing plans, fencing
<input type="checkbox"/> Juniper removal/control	<input type="checkbox"/> Restore Historic Upland Habitats (e.g. oak woodland, oak savannah, upland prairie restoration)
<input type="checkbox"/> Vegetation Management (<i>other than</i> non-native/noxious plant control or juniper removal, e.g. tree thinning, brush control, burning) List scientific names of plants: _____	<input type="checkbox"/> Trail or Campground Improvements (to decrease upland erosion; these may extend into the riparian zone)
<input type="checkbox"/> Upland Agriculture Management – (e.g., no/low-till, wind breaks, filter strips, crop rotation, terracing, water and sediment control basins, grade stabilization and irrigation improvements)	<input type="checkbox"/> Other (explain): _____
<input type="checkbox"/> Erosion control structures not already reported under Upland Agriculture Management or Road Drainage System and Surface Improvements.	

- 100 % Estimate the percentage of total cost of the project will apply to upland habitat activities
- 1 # Estimate the number of livestock/wildlife water developments
- 0 ac. Estimate the acres of upland habitat to be treated for non-native/noxious plants (to nearest 0.1 acres)
- 0 ac. Estimate the total acres of upland habitat to be treated (do not include acres of upland habitat affected by livestock water developments (to nearest 0.1 acres)
- 0 % Estimate the percentage of upland activity costs applied to Livestock Manure Management. If you do not select Livestock Manure Management as an upland activity, leave this value blank. *Example: Your project will relocate a feedlot to reduce*

livestock manure runoff. You estimated that 33% of the total project cost will apply to upland habitat activities and one half of the upland improvements costs will apply to the feedlot relocation, you would report 50%.

Road Activities: *Projects designed to improve road impacts to watersheds. Check all proposed activities.*

<input type="checkbox"/> Road drainage system and surface improvements & reconstruction	<input type="checkbox"/> Other (explain): _____
<input type="checkbox"/> Road closure, relocation, obliteration (decommissioning)	

_____ % Estimate the percentage of total cost of the project applied to road activities

_____ mi. Estimate the miles of road treated (to nearest 0.01 mile)

Urban Impact Reduction: *Check all of the urban impact related activities that will be used by this project:*

<input type="checkbox"/> Toxin reduction: list names of each toxic species, element or material: _____	<input type="checkbox"/> Bioswales
<input type="checkbox"/> Pesticide reduction: list names of each pesticide: _____	<input type="checkbox"/> Detention Facility
<input type="checkbox"/> Stormwater/wastewater modification or treatment (includes rain gardens)	<input type="checkbox"/> Other urban impact reduction (explain): _____

Check all of the water quality limiting factors addressed by the Urban Impact Reduction activities selected above. **Do not** select limiting factors addressed by other types of restoration activities:

<input type="checkbox"/> Bacteria	<input type="checkbox"/> Pesticides	<input type="checkbox"/> Nutrients
<input type="checkbox"/> Dissolved Oxygen	<input type="checkbox"/> Toxics	<input type="checkbox"/> Sediment
<input type="checkbox"/> Heavy Metals	<input type="checkbox"/> High Temperature	<input type="checkbox"/> Other (explain): _____

_____ % Estimate the percentage of total cost of the project applied to urban impact activities

Wetland Habitat: *Projects designed to create or improve wetland areas. Check all proposed activities.*

<input type="checkbox"/> Wetland planting	<input type="checkbox"/> Artificial wetland area created from an area not formerly a wetland
<input type="checkbox"/> Non-native/noxious/invasive plant control	<input type="checkbox"/> Other (explain): _____
<input type="checkbox"/> Wetland improvement/restoration of existing or historic wetland (other than vegetation planting or removal)	

_____ % Estimate the percentage of total cost of the project applied to wetland habitat activities

_____ ac. Estimate the acres of wetland habitat to be treated for non-native/noxious/invasive plants (to nearest 0.1 acres)

_____ ac. Estimate the acres of artificial wetland created (to nearest 0.1 acres)

_____ ac. Estimate the total acres of wetland habitat (existing or historic) treated (to nearest 0.1 acres)

Estuarine Habitat: *Projects that result in improvement or increase in the availability of estuarine habitat.*

Check all proposed activities.

<input type="checkbox"/> Estuarine planting	<input type="checkbox"/> Non-native/noxious plant control
<input type="checkbox"/> Channel modification/creation (e.g., improve intertidal flow to existing estuarine habitat)	<input type="checkbox"/> Creation of new estuarine habitat where one did not exist previously by methods other than tidegates or dikes
<input type="checkbox"/> Dike or berm modification/removal	<input type="checkbox"/> Estuarine culvert modification / removal
<input type="checkbox"/> Removal of existing fill material	<input type="checkbox"/> Exclusion devices (commonly includes fencing, installation of mooring buoys, boardwalks/trails, etc. to keep public/animals away)
<input type="checkbox"/> Placement of fill material (for proper terrestrial function)	<input type="checkbox"/> Other (explain): _____

_____ % Estimate the percentage of total cost of the project applied to estuarine habitat activities

_____ ac. Estimate the acres of estuarine habitat to be treated for non-native/noxious plants (to nearest 0.1 acres)

_____ ac. Estimate the total acres of estuarine habitat (existing or historic) to be treated (to nearest 0.1 acres)

Section 3 - Salmon/Steelhead Populations Targeted and Expected Benefits to Salmon/Steelhead

The information provided will be used by OWEB to better meet federal and state reporting requirements. Completion of this section is required but will not be used to evaluate this application for funding.

This project is NOT specifically designed to benefit salmon or steelhead.

► If you check this box, STOP here.

Targeted Salmon/Steelhead Populations: Select one or more of the salmon ESUs (Evolutionary Significant Unit) or steelhead DPSs (Distinct Population Segment) that the project will address/benefit. For species where the ESU/DPS name is not known or determined, use the species name with unidentified ESU (e.g., Chinook salmon – unidentified ESU). Additional information on the designation and location of the salmon/steelhead populations can be found at: http://www.westcoast.fisheries.noaa.gov/maps_data/species_population_boundaries.html

Chinook Salmon (<i>Oncorhynchus tshawytscha</i>)		Coho Salmon (<i>O. kisutch</i>)	
<input type="checkbox"/>	Deschutes River summer/fall-run ESU	<input type="checkbox"/>	Lower Columbia River ESU
<input type="checkbox"/>	Lower Columbia River ESU	<input type="checkbox"/>	Oregon Coast ESU
<input checked="" type="checkbox"/>	Mid-Columbia River spring-run ESU	<input type="checkbox"/>	Southern Oregon/Northern California ESU
<input type="checkbox"/>	Oregon Coast ESU	<input type="checkbox"/>	unidentified ESU
<input type="checkbox"/>	Snake River Fall-run ESU	Steelhead (<i>O. mykiss</i>)	
<input type="checkbox"/>	Snake River Spring/Summer-run ESU	<input type="checkbox"/>	Klamath Mountains Province DPS
<input type="checkbox"/>	Southern Oregon and Northern California Coastal ESU	<input type="checkbox"/>	Lower Columbia River DPS
<input type="checkbox"/>	Upper Klamath-Trinity Rivers ESU	<input checked="" type="checkbox"/>	Middle Columbia River DPS
<input type="checkbox"/>	Upper Willamette River ESU	<input type="checkbox"/>	Oregon Coast DPS
<input type="checkbox"/>	unidentified ESU	<input type="checkbox"/>	Snake River Basin DPS
Chum Salmon (<i>O. keta</i>)		<input type="checkbox"/>	Washington Coast DPS (SW Washington)
<input type="checkbox"/>	Columbia River ESU	<input type="checkbox"/>	Upper Willamette River DPS
<input type="checkbox"/>	Pacific Coast ESU	<input type="checkbox"/>	Steelhead/Trout unidentified DPS
<input type="checkbox"/>	unidentified ESU		

Expected Benefits:

Write a brief description of the goals and purpose of the project and how it is expected to benefit salmon/steelhead or salmon/steelhead habitat. **See Application Instructions for helpful examples.**

This project will reduce the nutrient runoff and bacteria contamination into the Umatilla river. This project will also allow for less pressure on the west end livestock water gap already installed. Anadromous fish will benefit from the healthier stream.

10. Project Budget- Itemize projected costs for each of the following "Expense Categories" that apply to your project. A minimum of 25% match--cost share--in-kind/cash (column 4) is required. See application

Totals automatically round to the nearest dollar

Expense Category	No. of Units	Unit Cost	Cost Share In-Kind/ Cash (Match)	OWEB Funds	Description-- <i>what will be purchased or done and who will provide the item/perform the work</i>
SALARIES, WAGES AND BENEFITS (Includes time devoted to this project by applicant employees for whom payroll taxes are paid)					
District Manager	20	35		700	Salary & Benefits
SUBTOTAL (1)			0	700	
CONTRACTED SERVICES (Work crews, volunteer labor, equipment operations)					
Doherty Fencing LLC	1	\$7,682	2,000	5,682	Spring Development #1 (see attached)
CTUIR Cultural Resources	1	\$1,700	618	1,082	Review for Project
SUBTOTAL (2)			2,618	6,764	
MATERIALS AND SUPPLIES (Seed, fencing, pipes, gravel, logs, plants etc.)					
Included in Bids					
SUBTOTAL (3)			0	0	
TRAVEL (For current rates go to: http://www.oregon.gov/OWEB/forms_linked.shtml#Regular_Grant_Forms_Documents Travel Rates)					
SWCD Staff	40	.54/mile	22		Mileage Reimbursement
SUBTOTAL (4)			22	0	
OTHER (Land use signature costs, project permit costs, small equipment repair, commercial equipment rental)					
Land Use Form	1	25		25	Land Use for Water Developments
SUBTOTAL (5)			0	25	
PROJECT SUBTOTAL [Adds all subtotals (1-5) above]			2,640	7,489	
GRANT ADMIN. Not to exceed 15% of Project Subtotal. Compute by multiplying by 0.15 or less. See the January 2014 Budget Categories Definitions at http://www.oregon.gov/OWEB/forms/2014-01budget_category_defs.pdf for eligible costs. Indicate which billing method will be used for this grant by checking one appropriate box.					
<input checked="" type="checkbox"/> direct cost billing	1	200		200	
<input type="checkbox"/> direct cost allocation					
<input type="checkbox"/> indirect costs (if checked, attach copy of the Federal Indirect Cost Negotiation Agreement)					
POST GRANT (optional)					
YEAR-2 STATUS REPORT				140	(Not to exceed \$200)
PLANT ESTABLISHMENT					(Not to exceed \$1,000 in OWEB funds)
PROJECT TOTALS			2,640	7,829	(Not to exceed \$10,000 in OWEB funds)

DOHERTY FENCE L.L.C.
 PO Box 492
 Pilot Rock, Oregon
 97868-0492

Estimate

Name/Address
Weathers Ranch

Date	Estimate No.	Project
02/26/15	2309	

Item	Description	Quantity	Cost	Total
Labor	Spring development. Price includes excavation, backfill, collector, spring box, and exclusion fence around site.	1	3,500.00	3,500.00T
Labor	Trough pad. Includes excavation, gravel and 600 gallon trough	2	1,461.00	2,922.00T
Labor	1 1/2 in Schedule 40 PVC pipe. includes trenching and backfill	525	2.40	1,260.00T
	Sales Tax Computed in Quicken		0.00%	0.00
			Total	\$7,682.00

Weather's Spring Development Project

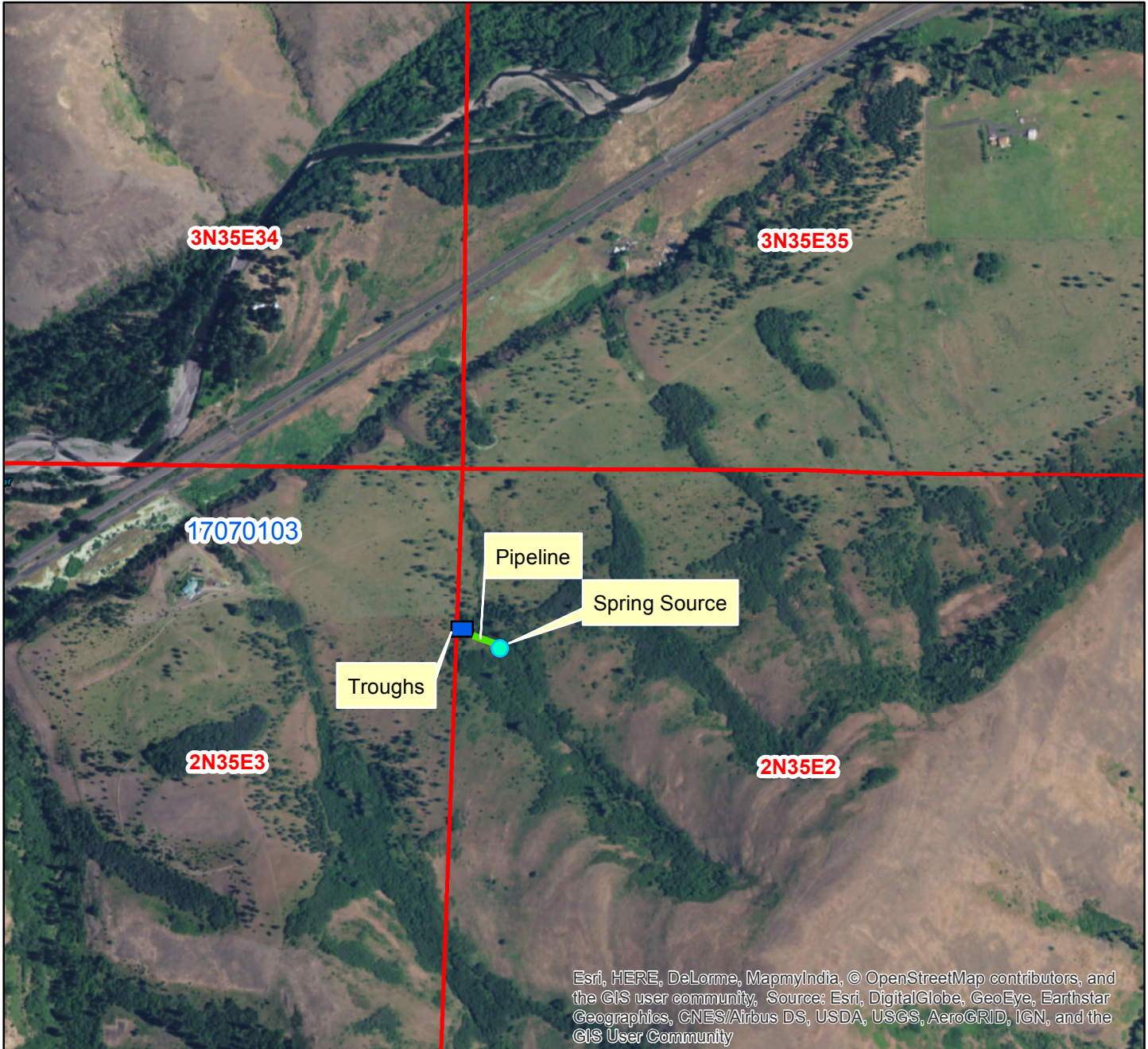
District: UMATILLA SOIL & WATER CONSERVATION DISTRICT

Approximate Acres: 1

Legal Description:

Assisted By: Kyle Waggoner


State and County: OR, Umatilla County, Oregon




Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

 Quad Map

 HUC 8

 Township, Range, Sec



Weather's Spring Development Project

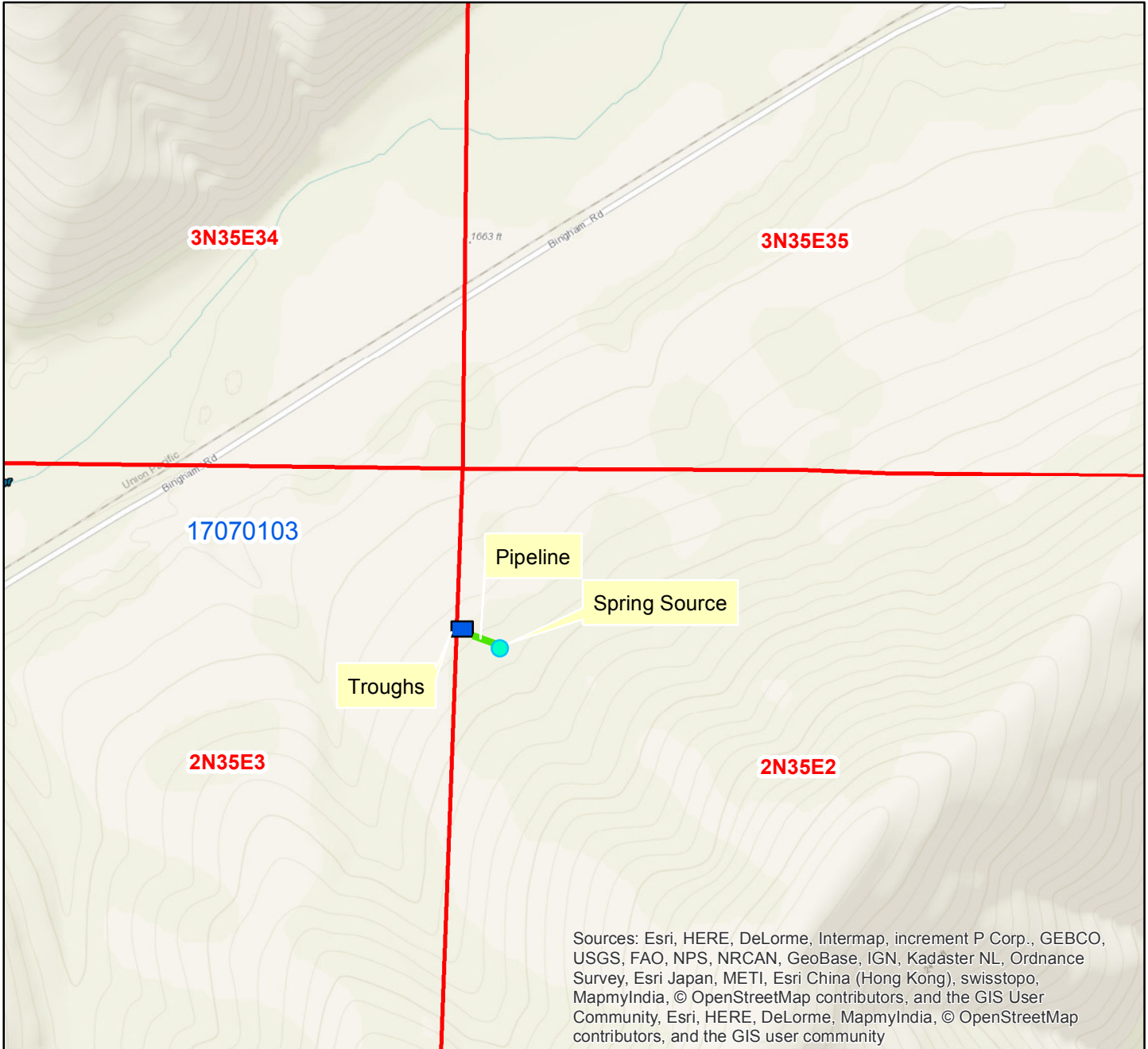
District: UMATILLA SOIL & WATER CONSERVATION DISTRICT

Approximate Acres: 1




Legal Description:

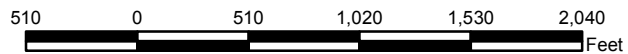
Assisted By: Kyle Waggoner

State and County: OR, Umatilla County, Oregon



Legend

-  Quad Map
-  HUC 8
-  Township, Range, Sec



Jerry Weather's Spring Development Photos 2017



Photo I: Spring is located on side hill at the bottom of the tree line, directly ahead of the 4-wheelers. Highlighted for convenience.

Photo taken 2/14/2017



Photo II: The old troughs that no longer function (heavy moisture and snow melt filled these troughs, not the spring). The landowner implemented spring development broke down once the pipe from the spring source filled with sediment. Original spring development design did not include a spring box or protection of the spring source. Note the heavy track going to the spring source further in the trees.

Photo taken 2/14/2017



Photo III: Spring run-off and spring source. The landowner is pointing directly to the spring source, seeping out of the side hill. Note the heavy impact the spring source receives due to no protective measures. In the wet months, this spring runs all the way down to the Umatilla River (around 1 mile downhill).

Photo taken 2/14/2017



Photo IV: Showcasing the spring's potential. There was so much water running when this photo was taken that it was easy to mistake for a streambed.

Photo taken 2/14/2017



Photo V: Taken in July 2016, a close-up of the spring's source and volume of flow. Even in the middle of summer, the spring produces substantial flow.

Photo taken July 2016



Photo VI: Showcasing the trough development site.

Photo taken 2/14/2017



**Small Grant Program
Local Watermaster Review of
Proposed Irrigation Efficiency Project**

Complete Section 1 before submitting to the local Watermaster for completion and signature.

This form may be submitted along with the Small Grant application or with the first payment request. **However, it is advisable to obtain this signature before beginning the project as OWEB will void grant agreements for projects determined by the Watermaster to be inadequate.** Provide a copy of the grant application to the watermaster, when requesting completion of this form.

1. TO BE COMPLETED BY THE GRANTEE PRIOR TO COMPLETION OF SECTION 2

Project Name: Jerry Weathers Spring Development Project #: _____

Grantee Name: Umatilla Soil and Water Conservation

Identify the groundwater quality management area, *if applicable*: _____
<http://www.deq.state.or.us/wq/groundwater/gwmas.htm>

Umatilla
County

T3NR25E Sec 2
Township, Range, Section

2N3500000100
Tax Lot

2. TO BE COMPLETED BY LOCAL WATERMASTER

I have reviewed the application listed in Section 1 above and have determined that the following watershed benefits are associated with this irrigation efficiency project (check whichever applies):

- Point of diversion consolidation,
- Replacement of push up dam(s),
- Measurable reduction in the diversion of surface water at the point of diversion
- Reduction in ground water pumping from wells within one-quarter mile of a stream so that reduced impacts to the stream or springs are likely,
- Other watershed benefits:

Water quality and upland/range improvement located in the Upper Umatilla River basin.

Watermaster Signature: *Greg Silbernagel* Date: 2/14/2017

Print Name: Greg Silbernagel Phone: (541)278-5456

Email: Greg.M.Silbernagel@oregon.gov