Small Grant Program Application 2017-2019

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 (round to nearest dollar) **$**9,885 **Total Project Cost $** 26,860

Name of Project (five words or fewer) C-Cross Ranch Riparian Protection

Project Location (if more than one, include location/landowner information on each map)
This project occurs at (check one): x A single site ____ Multiple sites

Umatilla Basin

Umatilla County

T2N R34E S2

45.684, -118.520

17070103

Umatilla River

Insert River Mile (if applicable): N/A

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 #_____ x No
If yes, explain _____

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 #_____ x No

If yes, explain _____

II. Contact Information

Applicant Org.: Umatilla Co. SWCD	Tax ID: 93-0708539	Contact: Rachel Nash
Mailing Address: 1 SW Nye Ave. Ste. 130, Pendleton, OR		Zip: 97801
Phone: (541) 278-8049 ext. 134	Email: rnash@umatillacountyswcd.com	

Landowner(s): John and Ruth Collins		
Landowner Address: 74113 Homly Rd., Adams, OR		Zip: 97810
Phone: (541) 969-7284	Email: ccrossranch56r@yahoo.com	

Project Manager for the Grantee: Rachel Nash		
Project Manager Address: 1 SW Nye Ave. Ste. 130, Pendleton, OR		Zip: 97801
Phone: (541) 278-8049 ext. 134	Email: rnash@umatillacountyswcd.com	

Fiscal Agent Org.: Umatilla Co. SWCD	Tax ID: 93-0708539	Contact: Kyle Waggoner
Fiscal Agent Address: 1 SW Nye Ave. Ste. 130, Pendleton, OR		Zip: 97801
Phone: (541) 278-8049 ext. 138	Email: umcoswcd@eotnet.net	

Technical Contact: Rachel Nash	Phone: (541) 278-8049 x134	Email: rnash@umatillacountyswcd.com

III. Project Information

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

____ Instream Process & Function	x Riparian Process & Function	____ Urban Impact Reduction
____ Wetland Process & Function	____ Road Impact Reduction	____ Upland Process & Function
____ Fish Passage	x Water Quantity & Quality/ Irrigation Efficiency	

Small Grant Team Priority Project Type(s) addressed by the project (list specific eligible project type)**:**

Riparian Process & Function (Manage Nutrient and Sediment Inputs through managed grazing: fencing and developing off-channel watering); Irrigation Efficiency (install sprinkler systems)

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

x Yes Name primary assessment/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?

x Yes ____ No

1-c. Is the project consistent with any developed plan for the property (e.g., local conservation or stewardship)**?**

____ Yes x No

If yes, name the plan(s): _____

2. **Describe the current *watershed* PROBLEM(s) you are seeking to address.**
Improved grazing management on the property will reduce over-grazing by cattle and the possiblity of weed encroachment and erosion resulting from bare ground. Cattle currently have access to a portion of the riparian area on the property, which can damange riverbanks, vegetation, and impair water quality. Water is only accessible to cattle according to the current fencing design. Irrigation on the property is also designed according to the current fencing design, and proper irrigation of pastures is needed to maximize pasture productivity.

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.
Fencing will allow for managed grazing of cattle by sectioning existing pastures into six smaller parcels. Three water troughs will also be installed to accommodate the new fencing design (one accessible from three pastures, one accessible from two pastures, and one located in a single pasture). NRCS was contracted to do the irrigation design throuh the Conservation Technical Assistance (CTA) program. The producer has the water right to pump from the Umatilla River to irrigate the pasture. Wheelline connected to a system of risers will irrigate a total of 11 acres. The design flow for the irrigation pipeline is 100 gpm. Pump requirements for the wheelline is a minimum of 3.5 hp. electric pump (TDH = 104.7 feet, assumed efficiency = 75%). Total GPM = 100. Installation will require trenching and backfill for 300 feet of 4" PVC pipe, trenching and backfill for 1000 feet of 4" PVC pipe, and installation of 11 ac Wheeline Sprinkler System. The contractor will perform quality control and provide personnel to ensure compliance. NRCS will provide inspectors, frequent inspections, and a Cultural Resources inventory.

4. Insurance Information

If applicable, select all the activities that are part of your project (check all that apply). You will be required to submit the DAS Risk Assessment Tool for items 1-5:

☐ 1. Working with hazardous materials (not including materials used in the normal operation of equipment such as hydraulic fluid)

☐ 2. Earth moving work around the footprint of a well

☐ 3. Aerial application of chemicals

☐ 4. Transporting individuals on the water

☐ 5. 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)

☐ 6. Applicant's staff or volunteers are working with kids related to the project (DAS Risk assessment tool not required, additional insurance *is* required)

☐ 7. Applicant's staff are applying herbicides or pesticides (DAS Risk assessment tool not required, additional insurance *is* required

OWEB considers these projects to carry a greater risk to the organization, organization's employees, volunteers, and the community. If boxes 1-5 are checked above, the applicant must submit the DAS Risk Assessment, **http://www.oregon.gov/das/Risk/Pages/CntrctrInsReq.aspx**, with this application. Additional information regarding the insurance policy and requirements can be found here: **http://www.oregon.gov/OWEB/GRANTS/docs/insurance/Insurance-Requirements.pdf**.

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

x NRCS Field Office Technical Guide Practice Code 382, 614, 516, 430, 449	____ Guide to Placing Large Wood in Streams Page # / Para _____
____ Oregon Road/Stream Crossing Restoration Guide Page # / Para _____	____ Forest Practices Tech Note #4 Page # / Para _____
____ Nonpoint Source Pollution Control Guidebook Page # / Para _____	____ Forest Practices Tech Note #5 Page # / Para _____
____ Urban Subwatershed Restoration Manual Page # / Para _____	____ Tribal Natural Resource Plans and Water Plans (attach the relevant page or pages)

6. 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**
John Collins	**Fencing, trough, livestock pipeline, irrigation system**	**Visual verification**	**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
N/A	**N/A**	**N/A**	**N/A**

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

Name: Rachel Nash	Org.: Umatilla County SWCD	
Mailing Address 1 SW Nye Ave. Ste. 130, Pendleton, OR		Zip 97801
Phone: (541) 278-8049 ext. 134	Email: rnash @umatillacountyswcd.com	

8. Have the required permits been obtained for the project? ____Yes ____ No x Not Required
If yes, what permits have been issued? (Attach copies) _____
If no, what permits must be obtained and by when? _____

9. 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 x No

10. 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:	9,885.00		9,885.00
Landowner:		16,941.00	16,941.00
Umatilla County SWCD:		34.00	34.00
Total Estimated Funds (add all amounts in the far right column)			$26,860.00

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

11. Project Budget (Word). Itemize projected costs for each budget category that apply to your project. A minimum of 25% match is required. See application instructions and additional team conditions for further guidance.

PLEASE NOTE: Budgets may be submitted in either Word or Excel formats. Forms can be found here: **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	Match Funds (In-Kind/Cash)	Description--*what will be purchased and by whom/who will perform the work.*
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**	
INDIRECT COSTS. 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 for eligible costs. http://www.oregon.gov/OWEB/Pages/forms_linked.aspx#					
Indirect Costs	Not to exceed 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 $15,000 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

Attachment Checklist

____ Project location map (Required)

____ Color photographs of site (Required)

____ Site drawings/diagrams (if applicable)

_____Juniper Checklist (if applicable)

____ Cooperative agreement, if 2 or more landowners (Optional) **May be submitted in lieu of ALL Landowner signatures on Application ALL Landowners must sign the Grant Agreement**

____ Racial and Ethnic Impact Statement (Required)

____ Restoration Metrics form (Required)

Other materials (as required by team)

Optional Forms At Application Stage

(Required at the time of Request for Release of Funds, see instructions)

____ Irrigation Efficiency

____ Culvert/Stream Crossing

____ Secured Match

____ Land Use

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 persons[1] 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 day of , 20 , the information contained on this form and any attachment is complete and accurate to the best of my knowledge.

_____

Signature
Printed Name:
Title:

[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.

☐ **Urban/Suburban/Exurban** (Projects located within urban growth boundaries or rural residential areas)	☒ **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.

☐ **Estuary** (where freshwater meets and mixes with saltwater of ocean tides.)	☒ **Riparian** (adjacent to a water body, within the active floodplain.)
☐ **Instream** (below the ordinary high-water mark or within the active channel — includes fish passage.)	☐ **Upland** (above the floodplain.)
	☐ **Groundwater** (Projects that recharge groundwater or primarily affect the subsurface water table.)
☐ **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.	

3. Total Acres Treated: 29.64 **Total Stream Miles Treated:**0.40
*(**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.

☒ Onsite	☐ Downstream	☐ Upstream	☐ 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

☐ Adult Fish presence/absence/abundance/distribution survey(s)	☐ Spawning surveys
☐ Juvenile Fish presence/absence/abundance/distribution survey(s)	☐ Upland vegetation (Presence/Absence)
☐ Instream Habitat surveys	☐ Water quality
☐ Macroinvertebrates	☐ Water quantity
☐ Noxious weed (Presence/Absence)	☐ Photo Points
☐ Riparian vegetation (Presence/Absence)	☐ 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 -*Improvements include installing baffles inside culverts or installing/improving engineered bypasses (e.g. weirs) directly below a culvert outlet to improve passage.*	____ # crossings	____ str. mi with improved access*
2. Bridges installed/improved -*Improvements include installing/improving engineered bypasses (e.g. weirs) directly below a bridge crossing to improve passage.*	____ # 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.	☐ Diversion Dam ☐ Push-up Dam ☐ Wood or Concrete Dam ☐ Weir (not associated with a road crossing) ☐ Logs ☐ Debris ☐ Boulder/Rock Barrier (not weirs) ☐ 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. 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.	____ # 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.**

☐ Irrigation practice improved to increase instream flows (e.g. install diversion headgate, replace open ditches with pipes)	☐ Water flow gauges installed to measure water use
☐ This project will dedicate instream flow.	☐ 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.**

☐ 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)	☐ Spawning gravel placement
☐ Channel structure - large wood placement	☐ Plant Removal/control (instream) List scientific names of plants _____
☐ Channel structure - boulder placement	☐ Carcass or nutrient placement: ☐ salmonid carcass; ☐fish meal brick; ☐other nutrient
☐ Channel structure placement (<u>other</u> than large wood or boulder placements), e.g., engineered structures or deflectors, barbs, weirs, etc.	☐ Other (explain): _____
☐ 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 insteam 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.**

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

25 % Estimate the percentage of total cost of the project applied to riparian habitat activities

0 ac. Estimate the acres of riparian habitat to be planted (to nearest 0.1 acres)

0 ac. Estimate the acres of riparian habitat to be treated for non-native/noxious weeds (to nearest 0.1 acres)

9.0 ac. Estimate the total riparian acres to be treated. (to nearest 0.1 acres)

0.40 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.**

☐ 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 _____	☐ Livestock Manure Management (e.g., feedlot improvements to reduce runoff , relocate/improve manure holding structures and manure piles to reduce/eliminate drainage into streams)
☐ Slope stabilization (e.g., grade stabilization, landslide reparation, terracing slopes)	☒ Upland Livestock Management (other than livestock water developments), e.g., grazing plans, fencing
☐ Non-native/noxious plant control; List scientific names of plants: _____	☐ Restore Historic Upland Habitats (e.g. oak woodland, oak savannah, upland prairie restoration)
☐ Juniper removal/control	☒ Livestock/Wildlife Water Developments
☐ Vegetation Management (other than non-native/noxious plant control or juniper removal, e.g. tree thinning, brush control, burning) List scientific names of plants: _____	☐ Erosion control structures not already reported under Upland Agriculture Management or Road Drainage System and Surface Improvements.
☒ 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)	☐ Other (explain): _____

75 % Estimate the percentage of total cost of the project will apply to upland habitat activities

3 # 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)

29.2 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)

_____ % 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: 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**.

☐ Road drainage system and surface improvements & reconstruction	☐ Other (explain): _____
☐ 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.**

☐ Toxin reduction: list names of each toxic species, element or material: _____	☐ Bioswales
☐ Pesticide reduction: list names of each pesticide: _____	☐ Detention Facility
☐ Stormwater/wastewater modification or treatment (includes rain gardens)	☐ 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.

☐ Bacteria	☐ Pesticides	☐ Nutrients
☐ Dissolved Oxygen	☐ Toxics	☐ Sediment
☐ Heavy Metals	☐ High Temperature	☐ 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**.

☐ Wetland planting	☐ Artificial wetland area created from an area not formerly a wetland
☐ Non-native/noxious/invasive plant control	☐ Other (explain): _____
☐ 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.

☐ Estuarine planting	☐ Non-native/noxious plant control
☐ Channel modification/creation (e.g., improve intertidal flow to existing estuarine habitat)	☐ Creation of new estuarine habitat where one did not exist previously by methods other than tidegates or dikes
☐ Dike or berm modification/removal	☐ Estuarine culvert modification/removal
☐ Removal of existing fill material	☐ Exclusion devices
☐ Placement of fill material (for proper terrestrial function)	☐ 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 better to 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 (*Oncorhynchus tshawytscha*)		**Coho Salmon** (*O. kisutch*)	
☐	Deschutes River summer/fall-run ESU	☐	Lower Columbia River ESU
☐	Lower Columbia River ESU	☐	Oregon Coast ESU
☒	Mid-Columbia River spring-run ESU	☐	Southern Oregon/Northern California ESU
☐	Oregon Coast ESU	☐	unidentified ESU
☐	Snake River Fall-run ESU	**Steelhead** (*O. mykiss*)	
☐	Snake River Spring/Summer-run ESU	☐	Klamath Mountains Province DPS
☐	Southern Oregon and Northern California Coastal ESU	☐	Lower Columbia River DPS
☐	Upper Klamath-Trinity Rivers ESU	☒	Middle Columbia River DPS
☐	Upper Willamette River ESU	☐	Oregon Coast DPS
☐	unidentified ESU	☐	Snake River Basin DPS
Chum Salmon (*O. keta*)		☐	Washington Coast DPS (SW Washington)
☐	Columbia River ESU	☐	Upper Willamette River DPS
☐	Pacific Coast ESU	☐	Steelhead/Trout unidentified DPS
☐	unidentified ESU		

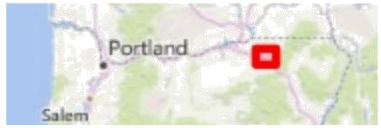
Expected Benefits: Write a brief description of the goals and purpose of the project and how it is expected to benefit salmon/steelhead or salmon/steelhead habitat. **See Application Instructions for helpful examples.**

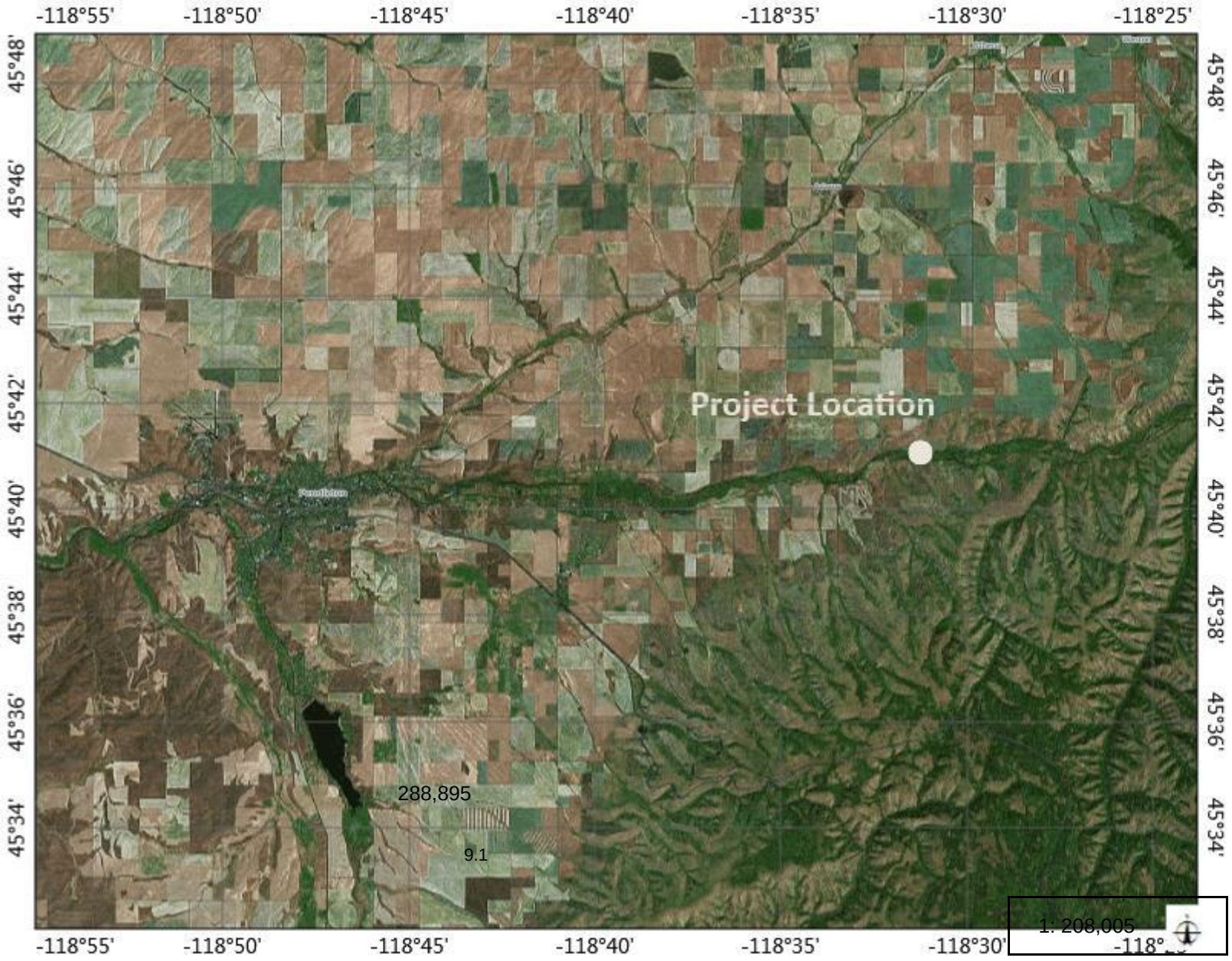
Fencing and off-channel watering facilities to exclude cattle from the riparian area and Umatilla River on the property will reduce erosion of streambanks, damage to vegetation, and nutrient deposition into the waterway. Sediments, lack of shade, and excess nutrients in rivers degrade Chinook salmon and steelhead habitat in the Umatilla River.

10. Project Budget- Itemize projected costs for each of the following "Expense Categories" that apply to your project. A minimum of 25% match is required. See application instructions and additional team conditions for further guidance.

Totals automatically round to the nearest dollar. Please do not include cents.					
Expense Category	**No. of Units**	**Unit Cost**	**OWEB Funds**	**Match Funds**	**Description--***what will be purchased or done and who will provide the item/perform the work*
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.					
District Manager	20	35.00	**700**		Kyle Waggoner
Conservation Specialist	20	20.00	**400**		Rachel Nash
		SUBTOTAL (1)	**1,100**	**0**	
CONTRACTED SERVICES. Labor, supplies, materials, and travel to be provided by non-staff for project implementation.					
Fence construction	88	$18.00		**1,584**	Rate per hour, to be constructed by landowner
Irrigation installation	32	$18.00		**576**	Rate per hour, to be installed by landowner
Trough/pipeline installation	80	$18.00		**1,440**	Rate per hour, to be installed by landowner
		SUBTOTAL (2)	**0**	**3,600**	
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.					
Pump	1	600.00		**600**	TDH 104.7/3.5 hp
Wheelline System	1	7,000.00		**7,000**	pipe, nozzles, sprinklers for 8.65 acres
Pipleline (Pump to T)	303	5.00		**1,515**	price per 10 feet of 4" 125 psi PVC
Pipleline (T for mainline/Risers)	600	5.00		**3,000**	price per 10 feet of 4" 125 psi PVC
Continuous AirVac	1	120.00		**120**	For wheelline
Pressure Relief Valve	1	500.00		**500**	For wheelline
Thrust Blocks	5	6.00		**30**	Price per square foot of concrete for 4 blocks
Fence posts	700	6.00	**4,200**		6 ft. T-posts at 10' spacing for 7,000 ft fence
Barbed wire	6	60.00	**360**		1320 ft. rolls for 7,000 ft 4-wire fence
Gates	6	100.00	**600**		18' utility gates
Water trough	3	1,000.00	**3,000**		1,000 gallon tanks
Pipe for trough	7	75.00	**525**		Price per 100 ft PVC pipe/fittings, 650 ft pipeline
		SUBTOTAL (3)	**8,685**	**12,765**	
EQUIPMENT. Refers to items over $1,000 with a usual lifespan of over 2 years. Purchase of equipment is discouraged in Small Grants.					
Tractor and backhoe	32	18.00		**576**	Rate per hour, to be operated by landowner
		SUBTOTAL (4)	**0**	**576**	
TRAVEL. Mileage. For currnet rates go to: http://www.oregon.gov/OWEB/Pages/forms_linked.aspx#					
Site visits	62	0.545		**34**	Two visits by SWCD staff
		SUBTOTAL (5)	**0**	**34**	
OTHER. Land use signature costs, project permit costs, small equipment repair, commercial equipment rental.					
Land use permit	1	25.00	**25**		To be purchased by Umatilla County SWCD
		SUBTOTAL (6)	**25**	**0**	
Modified Total Direct Cost (MTDC)		**(Add Subtotals 1-6)**	**9,810**	**16,975**	
INDIRECT COSTS: 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 for eligible costs. http://www.oregon.gov/OWEB/Pages/forms_linked.aspx#					
Indirect Costs					not to exceed 10% of MTDC, however, grants of $2,000 or less may request up to $200
POST GRANT					
Year-Two Status Report			**75**		(Not to exceed $200)
Post-Project Plant Establishment					(Not to exceed $1,000 in OWEB funds)
		PROJECT TOTALS	**9,885**	**16,975**	(Not to exceed $15,000 in OWEB funds)

C-Cross Ranch Riparian Protection





Legend

- ☐ County Boundaries (2015)
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

Notes

1: 208,005

6.6 0 3.28 6.6 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

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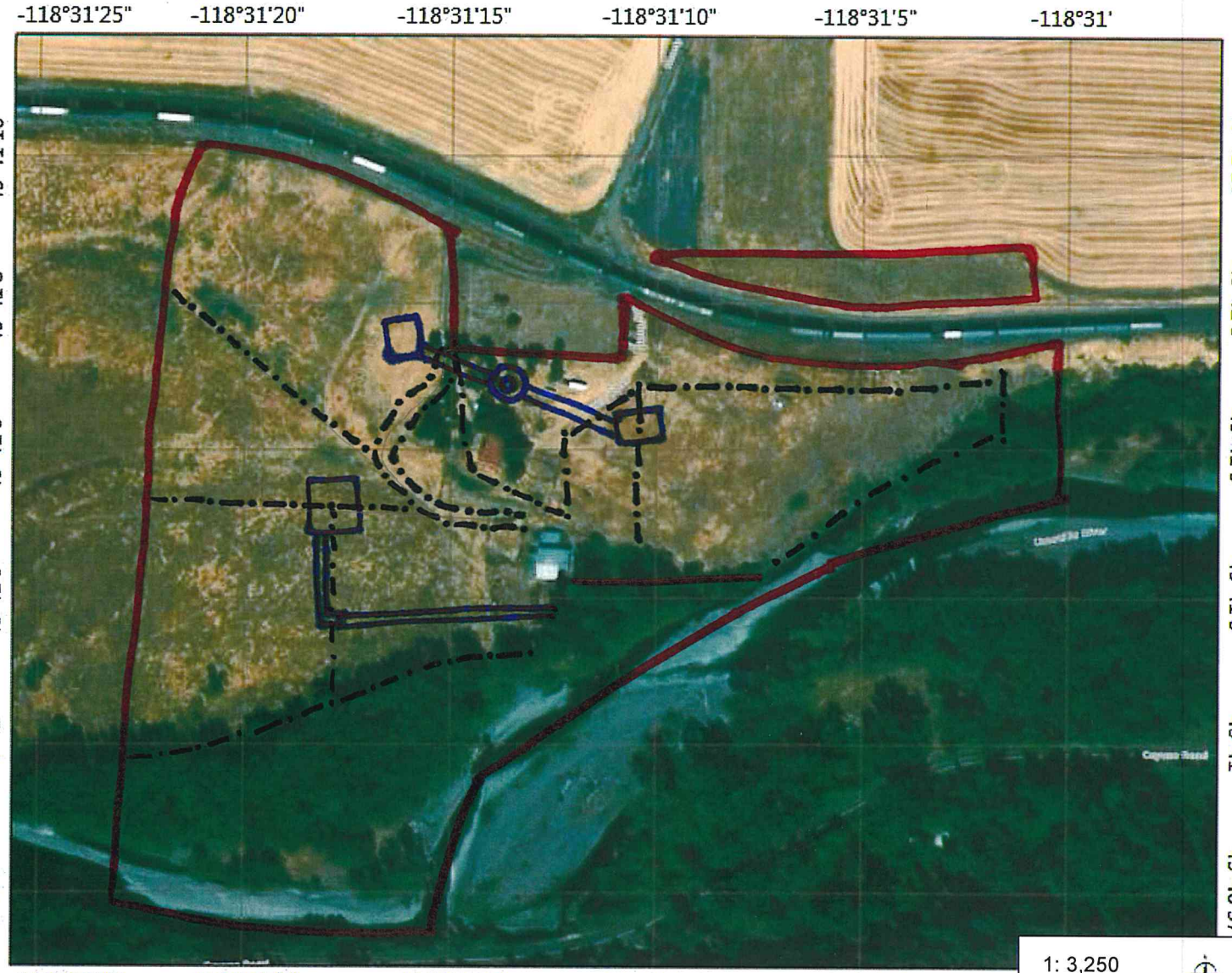
THIS MAP IS NOT TO BE USED FOR NAVIGATION

C-Cross Ranch Riparian Protection



Legend

- County Boundaries (2015)
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

EXISTING FENCE
NEW FENCE
WATER TROUGH
WELL
PIPELINE

1: 3,250

Notes

0.1 0 0.05 0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

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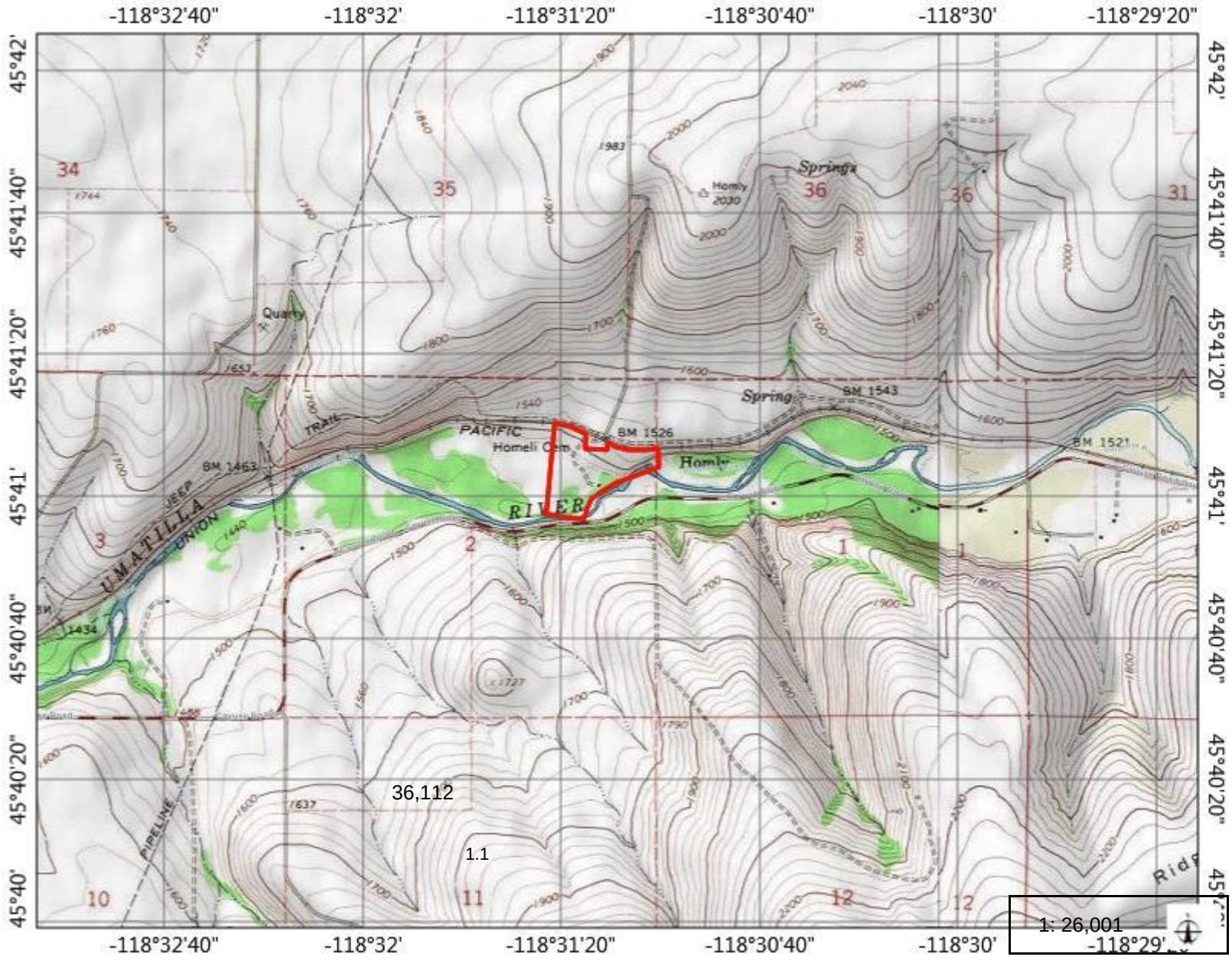
C-Cross Ranch Riparian Protection



Legend

☐ County Boundaries (2015)

Notes

0.8 0 0.41 0.8 Miles

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Irrigation pipeline

Riparian vegetation near Umatilla River

Livestock facilities

Grazing pasture with temporary fencing

Existing irrigation wheelline

View of grazing pasture from southeast corner