### AP 207-346

Type the information for Sections I and II USING ONLY the pages provided (or reproduce the pages on your computer using the spacing and layout shown, NOT TO EXCEED 2 PAGES)

Sections I and II must accompany your application
THE FIRST 2 PAGES ARE NOT THE PLACE TO DESCRIBE YOUR PROJECT IN DETAIL

Name of project: Mill Creek Push-Up Dam Elimination		
OWEB dollars requested: \$13,950.00	Total cost of project:	\$20,400
Project location:		
This project occurs at (check one):	Multiple site	s
Upper Grande Ronde Watershed(s)	Union County or cou	nties
T3S R40E Sec. 23 Township, Range, Section(s)	Longitude, La	titude (if available)
Applicant: Union SWCD		
Official Contact (if different): Sarah Hendrickson		
Email: sarah.hendrickson@oacd.org	Phone: 541-963-0724	Fax: 541-963-4201
Street: 10507 N. McAlister Rd	City: La Grande	Zip: 97850
Technical Contact (if different): Steve Hogge		•
Email: steve.hogge@oacd.org	Phone: 541-963-0724	Fax: 541-963-4201
Landowner (see Instructions): Ron Warnock		
Fiscal Officer (if different):	Affiliation:	
Email:	Phone:	Fax:
Street:	City:	Zip:

### Section II PROJECT INFORMATION

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1	Δ	heti	act	•

Every year irrigators on the McNeil Ditch construct a push up dam in Mill Creek upstream of Cove to divert water for cherry orchards and pastures. This dam blocks juvenile steelhead passage, and creates temporary and long-term water quality problems. Eliminating the push up dam will allow access to just under 2 miles of stream with high quality habitat and will protect water quality. We plan to install three v-weirs to step up the grade to the point of the diversion. The weirs will meet ODFW passage criteria, which is no more than a 6-inch rise. The owners will install a head gate, and they will install 800 feet of 8-inch pipe to prevent seepage loss from the earthen delivery ditch. The pipe will begin below the existing fish screen located on the ditch. The landowner and the SWCD are the partners in this project. OWEB funds will be used to pay for final engineering design and construction inspection, 3 v-weirs, excavation, mobilization, rock for bank protection around the new structures, and grant administration.

2.	Was this application submitted previously? If yes, what was the application number?	☐ Yes ⊠ No	
3.	Is this project a continuation of a previously OWEB-funded project(s)? If yes, what was the application(s) number?	☐ Yes ⊠ No	

4. Project Partners. In the table below, show all anticipated funding sources (do not include OWEB) and indicate by checking in the appropriate box the nature of their contribution. Be sure to provide a dollar amount or value for each funding source. If participation is in-kind, briefly describe the nature of the contribution in the first Column.

Funding Source (if in-kind, briefly describe	Cash	In-Kind	Secured	Pending	Amount/Value
the nature of the contribution)	(X)	(X)	(X)	(X)	
Ron Warnock (land owner)	\$4,050	\$2,400	x		\$6,450
					\$
					\$
					\$
Total Estimated Funds (add all amounts in	the far-right C	olumn):			\$6,450

L	Total Estimated Funds (add all amounts in the far-right Column):	\$6,450
	Have any conditions been placed on other funds that may affect project o $\square$ Yes $\boxtimes$ No	completion?
lf ye	es, explain:	
Atta	achments — Complete and attach to the back of your application:	
	*Project Maps: 1) Provide a vicinity map showing township, range, and section USGS 7.5 min. topo quad map, or on an aerial photo showing TRS, locate the exactivities. Provide maps on 8½" x 11" pages and include a legend.	
	*Preliminary Project Designs: Provide sufficient detail to allow a reasonable eval of the project on the site. The preliminary design should include reference to appropriate to the project on the site.	
	*Photographs: Provide photographs to aid in understanding the situation. If cold information important for application review, supply 25 copies of each photo. No project photos will be required in the final report.	or photos are necessary to convey lote: If your project is funded, pre-
	Letters of Support from project partners or others, as appropriate.	

# Section III SPECIFIC RESTORATION PROJECT ACTIVITY

These essay questions and their answers are designed to step you and reviewers through a logical process from understanding and identifying the problem to "fixing" the problem and measuring for success.

emphasis only. If the project involves multiple sites, be specific for each. Refer to the Instructions for clarification and helpful examples. Answer the questions in 12-pt type size, single spaced, on single-sided pages. Use bullets where appropriate. Use bold face and italics for

## RI. Contextual Overview

Provide a brief contextual overview of where the project will be implemented. Describe the key watershed issues. Describe the key water quality, water quantity, species, habitat, and resource management issues (physical or social) that are limiting conditions. Also briefly describe the process used to identify and prioritize restoration issues. DO NOT describe the project here; you will do so in question #R3

(http://www.streamnet.org/), summer steelhead, a federally listed species, use the lower 8.55 miles of Mill Creek for spawning and rearing. Water quality and habitat in the upper reaches of this stream are excellent. For example, DEQ data shows that Mill Creek along its upper Mill Creek is a small stream that begins in the mountains above the town of Cove, Oregon. It flows through town, and eventually joins reaches meets the state's temperature criteria, and temperature is a critical factor for cold-water fish such as steelhead. Mill Creek is an Catherine Creek in the agricultural lands in the eastern part of the Grande Ronde valley. According to ODFW data unusual stream because the water temperature criterion is rarely achieved anywhere in this basin.

installed a fish friendly diversion for the Caldwell Ditch downstream from the current project. The SWCD plans to continue identifying poorly Passage barriers, such as the McNeil Ditch push up dam that is the subject of this proposal, are limiting fish production in this stream. They constructed diversion structures and improving them with cooperative landowners on Mill Creek and other nearby tributaries such as Little eliminating push up dams and improving diversions on small tributaries such as Mill Creek as a priority activity. Several years ago, they are affecting the ability of juvenile fish rearing here to freely use the available high quality habitat. The Union SWCD has identified Creek, the neighboring drainage.

## R2. Problems to Be Addressed

Use a table similar to the example below to provide site-specific information for the project: a) The specific problem(s) you are addressing; and b) the root cause(s) of the problem(s). DO NOT describe the project here; you will do so in question #R3.

Specific Problem(s)	Root Cause(s) of the Problem
Juvenile steelhead passage blocked	Annual construction of push up dam
Water quality degraded	Construction equipment in channel causes short-term turbidity and long-term channel and
	bank instability

## R3. Project Description

allow for full evaluation of the technical viability. For projects involving multiple sites, be sure to identify them separately, as appropriate. See the Application Instructions for definitions of "measurable objectives" and "practices," and as well as for helpful examples. Use a table similar to the example below to describe the proposed action. The degree of detail should match the project complexity and technical difficulty to

Specific Problem(s) (Repeat from #R2)	Measurable Objectives	Proposed Practices, Detailed Descriptions, and Root Causes
Juvenile steelhead passage blocked	Provide for upstream fish passage to just under 2 miles of	1) We plan to install 3 v-weirs below the diversion point to step up the grade so that the water level at the diversion will be about 18-inches. The
	good quality spawning and	weirs will be installed to meet an ODFW fish passage criterion, which allows no more than a 6-inch rise. We will use 18 to 36 – inch rock to
	Icaling natitat	construct the weirs. They will be about 50 feet apart, and will span the
		creek, which averages about 12 feet in width in the project area.
		2) A head gate will also be installed at the diversion site, and a small occurrete wall will be constructed around the head-works. Approximately 30
		cubic yards of rock will be placed around the new structures to help
		stabilize the bank, and structures, and eliminate erosion.
		3) The first 800 feet of open ditch will be piped with 8-inch pvc. This pipe
		will begin below the existing fish screen that is on the ditch. The current
		earthen ditch loses about 50 percent of the diverted water in this short
		stretch. Piping this ditch will require less water to be diverted from Mill
		Creek, thus leaving more water in the stream. Using an 8-inch pipe will
		ensure the users will not be able to take more than their allowable water
		right. The owner does not want to participate in the conserved water
		program, but does want to help reduce inefficient water diversions. He is
		willing to pay for the pipe and install it himself. Piping the ditch is an
		integral part of improving the diversion and provides ample watershed
		benefit.

operating in the stream will stop the purse of the purse of the mich in dam	by reducing sediment delivery to the stream. Eliminating equipment	Improving water quality.			Eliminating the push up dam will improve bank and channel stability there by reducing sediment delivery to the stream. Eliminating equipment operating in the stream will stop the pulse of turbidity and sediment during	lity.	Vater quality degraded
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## 4. Other Related Plans/Efforts

- a) Explain how the project complements other efforts under way or completed in the watershed; b) Explain how the project implements a local area plan (e.g., plan identifies as a priority the problem(s), which the project proposes to address. (See the Application Instructions for helpful links to various regional plans). watershed assessment/action plan, TMDL, agricultural water quality plan). Provide the name and date of the plan(s), and where and how the plan(s) identifies as a priority the problem(s), which the project proposes to address; and c) Explain whether the project implements a regional plan (e.g., ESA Recovery Plan, Coastal Coho Assessment, OWEB Basin Priority Plan, NWPCC Subbasin Plan, Groundwater Management Area). Provide the name and where and how the
- Caldwell Ditch just downstream. b) This project conforms to the Upper Grande Ronde Agricultural Water Quality Plan (1999), which encourages the elimination of push up dams to protect water quality. The Grande Ronde Sub basin Plan (2004) lists sedimentation as the number one concern a) Eliminating the push up dam on the McNeil Ditch compliments the diversion structure installed by the SWCD several years ago for the in the basin. It also lists habitat fragmentation as an important factor in fish species decline.

### R5. Project Design

- consideration extreme events (e.g., floods, fire, drought, etc.) known to be of concern in the area that have the potential to impact your project; and c) a) Identify who will do the project design and include their qualifications and experience; b) Describe how project planning and design take into provide a brief description of design alternatives considered and the reasons for choosing the one(s) proposed.
- designed to withstand 25-year flood events. c) The one design alternative considered was similar to the diversion structure the SWCD installed down stream from the Warnock Diversion several years ago. This structure was made of steel and concrete, and included a fish ladder. While engineering experience and has worked on numerous diversion structures similar to the Warnock Diversion. b) The planned weirs will be a) Layne Lindley, retired NRCS engineer, will design the project and provide construction inspection. Layne has close to 40 years of this project has worked, the weir design is considered more fish friendly.

## R6. Proposed Project Schedule

Use a table similar to the example below to show the anticipated schedule for the project. See the Application Instructions for clarification and an example.

Description	Preliminary survey and design already completed
Date	Spring 2006
Project Stage and Phases	Pre-Implementation

Implementation Project Completion
--------------------------------------

## R7. Project Monitoring

# YOU DO NOT NEED TO FILL OUT THIS SECTION IF YOU ARE NOT PLANNING ON DOING MONITORING ABOVE AND BEYOND WHAT IS REQUIRED BY OWEB GRANT AGREEMETINS (See R9).

monitoring activity to the objectives shown in #R3. Also provide a brief statement as to why it is important to monitor this restoration project above and beyond what is required in the OWEB project completion report and post- implementation status report (see R9). See the Application Instructions for clarification and If requesting funding to perform monitoring of this project above and beyond what is required as a part of OWEB grant agreements (See R9) use the table similar to the example below to show: a) measurable objectives (repeat from #R3) b) type of monitoring (see instructions for definitions); c) what will be monitored; d) the frequency and duration of monitoring; e) protocols to be used; and f) who will monitor (name, affiliation, phone number). Relate each

Objectives	onitoring	What?	Duration	
	0			(name, affiliation, phone)
(Repeat from #R3)			of Monitoring	

## R8. Educational/Public Awareness Opportunities

Explain whether and how you will educate and raise public awareness about the project (e.g., install a project partner sign, write an article for the local paper, lead a site tour for local citizens). See the Application Instructions for clarification of eligible education and outreach costs. The SWCD produces an annual newsletter that is distributed to 12,000 Union County residents. The Mill Creek Push Up Dam Elimination Project will be featured in one of the articles in the newsletter.

# R9. Project Completion and Post-Implementation Status Reports

Report (Exhibit C) and required Post-Implementation Status Reports (Schedule D). Identify that person's affiliation and provide contact information for Use a table similar to the example below to indicate who will inspect and sign off on the completed project, as well as submit the Project Completion

Name of Person Who Will	Agency/Organization and Address	Telephone Number	Email Address
Inspect and sign off on the	Layne Lindley, engineer,	541-963-0724	
project	Union SWCD		
Submit the Project Completion	Steve Hogge, technician,	541-963-0724	steve.hogge@oacd.org
Report	Union SWCD		

## R10. Project Maintenance

Use a table similar to the example below to document how the project will be maintained over time. State who will maintain the project. Identify their affiliation and provide contact information.

Name of Person Agency/Organization and Addresses	Telephone Number Email Address	What will be done and for how long?
Ron Warnock, land owner	541-568-4681	Routine maintenance for 10 years

5201-016

### S Section IV

### WATERSHED RESTORATION BUDGET

IMPORTANT: Read the application instructions. Attach additional lines, if necessary

·	A	В	C	D	E	F
temize projected costs under each of he following categories.	Unit Number (e.g., # of	Unit Cost	In-Kind Match	Cash Match Funds	OWEB Funds	Total Costs (add columns
	hours)	(e.g., hourly rate)				C, D, E)
DDE IMDI EMENITATION Must co	_ <del></del>	11		6-11		
PRE-IMPLEMENTATION. Must occ charge for processing the Land Use form	our <i>agter</i> the O	WEB grant agree	ement has been	fully executed, u	niess it is a city of	or county
that go for processing the Land Ose form	T. OWED TUNG	s will be disourse	ed only upon re	T an requi	led permits and i	icenses.
PROJECT MANAGEMENT. Include	S staff on sout		dianto musicot	j immlementation l	ing itama ahayl	d idantification
will be responsible for project managem	ent and their a	ffiliation.	dinate project	mpiementation. i	The nems should	r identity who
IN-HOUSE PERSONNEL. Includes of	hy applicant	employee costs a	nd the portion	of their time devo	ted to this projec	<u> </u>
Final Design	60 hrs	\$50/hr	nd the portion	T then time deve	\$3,000	\$3,000
Construction Inspection	10 hrs	\$45/hr			\$450	\$450
Permits	40 hrs	\$25/hr	1	<del>                                     </del>	\$1,000	\$1,000
CONTRACTED SERVICES. Labor,		<del></del>	ovided by non	staff for project i		1 \$1,000
V-weirs (consruction and materials	<del></del>		ovided by non-	Stajj for project i		1 0000
combined)	3	\$2,000			\$6,000	\$6,000
Trenching and pipe installation	800 feet	\$3/ft	<b>62.400</b>	<del>-</del>		\$2.400
Excavation for headgate and structure	200 CY	\$3/R \$3.5	\$2,400		\$700	\$2,400 \$700
Mobilization	LS	\$800			\$800	\$800
		<u> </u>	<u> </u>		1 2000	1 2000
TRAVEL. Mileage, per diem, lodging,	etc. Must use	current State of (	Oregon rate.			<u> </u>
CURPLIECALAMEDIALO P.C.	<u> </u>	1				<u> </u>
SUPPLIES/MATERIALS. Refers to i	tems that typic	cally are "used up	o" in the course	e of the project. C	Costs to OWEB r	nust be directl
related to on-the-ground work. Group si			.g., boulders ar			
Concrete for headgate	LS	\$1,000		\$500	\$500	\$1,000
8-inch pvc pipe	800 feet	\$3.50/ft		\$2,800	A	\$2,800
Rock for bank protection around new structures	30 CY	\$15/CY			\$450	\$450
Headgate	1	\$750		\$750		\$750
readgate	1	\$130		\$730		\$130
EDUCATION/OUTREACH. Refers t an eligible cost to OWEB under this cat	o informational egory only.	al and promotion	al activities as	sociated with the	project. Interpre	etive signage i
		4	<u> </u>			:
<b>EQUIPMENT.</b> Refers to items with a	useful life of g	generally 2 years	or more. List of	only equipment co	osting \$250 or n	nore per unit.
<b>EQUIPMENT.</b> Refers to items with a	useful life of g	generally 2 years	or more. List o	only equipment co	osting \$250 or n	nore per unit.
<b>EQUIPMENT.</b> Refers to items with a						
	SI	UBTOTALS	\$2,400	\$4,050	\$12,900	\$19,350
POST-IMPLEMENTATION STATU	SI IS REPORTI	UBTOTALS NG. Costs associ	\$2,400	\$4,050	\$12,900 requirements.	\$19,350
POST-IMPLEMENTATION STATU Union SWCD (1 year)	SI S REPORTII	UBTOTALS NG. Costs associ	\$2,400	\$4,050 hibit D reporting	\$12,900 requirements.	\$19,350
POST-IMPLEMENTATION STATU	SI S REPORTII 10 hrs/yr Eligible costs ion and analys	UBTOTALS  NG. Costs associated statements of the second statements of t	\$2,400 ciated with Extended with particle with particle monitoring	\$4,050 hibit D reporting producing reports	\$12,900 requirements. \$250 required by OW	\$19,350 \$250 /EB (film, film
POST-IMPLEMENTATION STATU Union SWCD (1 year) EFFECTIVENESS MONITORING. developing, copy costs, and data collect	SI S REPORTII 10 hrs/yr Eligible costs ion and analys	UBTOTALS  NG. Costs associated with the second seco	\$2,400 ciated with Extended with particle with particle monitoring	\$4,050 hibit D reporting producing reports	\$12,900 requirements. \$250 required by OW	\$19,350 \$250 /EB (film, film
POST-IMPLEMENTATION STATU Union SWCD (1 year) EFFECTIVENESS MONITORING. developing, copy costs, and data collect	SIS REPORTING 10 hrs/yr Eligible costs ion and analys w Exhibit E (c	UBTOTALS NG. Costs associated with the second secon	\$2,400 ciated with Extended with particle with particle monitoring	\$4,050 hibit D reporting producing reports	\$12,900 requirements. \$250 required by OW	\$19,350 \$250 /EB (film, film
POST-IMPLEMENTATION STATU Union SWCD (1 year) EFFECTIVENESS MONITORING. developing, copy costs, and data collect Implementation budget category. Ne FISCAL ADMINISTRATION. Not to	SI S REPORTIF 10 hrs/yr Eligible costs ion and analys w Exhibit E (c /yr /yr o exceed 10%	UBTOTALS  NG. Costs associated as sociated	\$2,400 ciated with Extended with particle with particle monitoring evelopment).  WEB Funds.	\$4,050 hibit D reporting producing reports is a line item exp	\$12,900 requirements. \$250 required by OW pense under the	\$19,350 \$250 /EB (film, film) Pre-
POST-IMPLEMENTATION STATU Union SWCD (1 year)  EFFECTIVENESS MONITORING. developing, copy costs, and data collect Implementation budget category. Ne  FISCAL ADMINISTRATION. Not to management); contract management (co	SI S REPORTIF 10 hrs/yr Eligible costs ion and analys w Exhibit E (c /yr /yr o exceed 10% complying with	UBTOTALS  NG. Costs associated as sociated	\$2,400 ciated with Extended with page monitoring evelopment).  WEB Funds. Conditions of the	\$4,050 hibit D reporting producing reports is a line item exp	\$12,900 requirements. \$250 required by OW pense under the	\$19,350 \$250 /EB (film, film) Pre-
POST-IMPLEMENTATION STATU Union SWCD (1 year)  EFFECTIVENESS MONITORING. developing, copy costs, and data collect Implementation budget category. Ne  FISCAL ADMINISTRATION. Not to management); contract management (co for the OWEB project, including final re	SIS REPORTING  10 hrs/yr Eligible costs ion and analys we Exhibit E (complying with eport expenses	UBTOTALS  NG. Costs associated as	\$2,400 ciated with Extended with page monitoring evelopment).  WEB Funds. Conditions of the	\$4,050 hibit D reporting producing reports is a line item exp	\$12,900 requirements.  \$250 required by OW pense under the  with accounting; ); and fiscal repo	\$19,350 \$250 /EB (film, film) Pre-
POST-IMPLEMENTATION STATU Union SWCD (1 year)  EFFECTIVENESS MONITORING. developing, copy costs, and data collect Implementation budget category. Ne  FISCAL ADMINISTRATION. Not to management); contract management (co	SI S REPORTII 10 hrs/yr Eligible costs ion and analys w Exhibit E (c /yr /yr o exceed 10% omplying with eport expenses	UBTOTALS  NG. Costs associated as	\$2,400 ciated with Extended with page monitoring evelopment).  WEB Funds. Conditions of the	\$4,050 hibit D reporting producing reports is a line item exp	\$12,900 requirements. \$250 required by OW pense under the	\$19,350 \$250 /EB (film, film Pre-



Project Name: Mill Creek Push Up Dam Elimination\_\_\_\_

### MATCH FUNDING FORM

Document here the match funding shown on the budget page of your grant application

OWEB accepts all non-OWEB funds as match. An applicant may not use another OWEB grant to match an OWEB grant. However, an applic ant who benefits from a pass-through OWEB agreement with another state agency, by receiving either staff expertise or a grant from that state agency, may use those benefits as match for an OWEB grant. (Example: A grantee may use as match the effort provided by ODFW restoration biologists because OWEB funding for those positions is the result of a pass-through agreement).

At the time of application, match funding does not have to be *secured*, but you must show that at least 25% of match funding has been *sought*. On this form, you do not necessarily need to show authorized signatures ("secured match"), but the more match that is secured, the stronger the application. Identify the type of match (cash or in-kind), the status of the match (secured or pending), and either a dollar amount or a dollar value (based on local market rates) of the in-kind contribution.

If you have questions about whether your proposed match is eligible or not, visit our website at <a href="http://www.oregon.gov/OWEB/GRANTS/grant\_app\_materials.shtml">http://www.oregon.gov/OWEB/GRANTS/grant\_app\_materials.shtml</a>, or contact your local OWEB regional program representative (contact information available in the instructions to this application).

Applicant: Union SWCD

Match Funding Source	Type (√one)	Status (√one)*	Dollar Value	Match Funding Source Signature/Date*
Ron Warnock (landowner)	x cash x in kind	☐ secured ☐ pending	\$6,450	10-13:06
	☐ cash ☐ in kind	☐ secured ☐ pending	\$	
	☐ cash ☐ in kind	☐ secured ☐ pending	\$	
	☐ cash ☐ in kind	☐ secured ☐ pending	\$	
	☐ cash ☐ in kind	☐ secured ☐ pending	\$	
	□ cash □ in kind	☐ secured ☐ pending	\$	
	☐ cash ☐ in kind	☐ secured ☐ pending	\$	
	□ cash □ in kind	☐ secured ☐ pending	\$	

<sup>\* &</sup>lt;u>IMPORTANT</u>: If you checked the "Secured" box in the status Column for any match funding source, you must provide <u>either</u> the signature of an authorized representative of the match source in the final Column, <u>or</u> attach a letter of support from the match funding source that specifically mentions the dollar amount you show in the Dollar Value Column.



### LAND USE INFORMATION FORM

This information is needed to determine if the proposed project complies with statewide planning goals and is compatible with local comprehensive plans (ORS 197.180). The form must be submitted before OWEB releases project funds. OWEB will release project funds only if the project either is not regulated by, or is compatible with, the local comprehensive plan and zoning ordinance. If a project is regulated by the local comprehensive plan and zoning ordinance, OWEB will void grant agreements for projects the county determines to be incompatible with the local comprehensive plan and zoning ordinance. If the county requires additional local approvals for a project regulated by the local comprehensive plan and zoning ordinance, OWEB will not release project funds until these conditions are satisfied.

1. TO BE COMPLETED BY THE APPLICANT/GRANTEE

Applic	ant/Grantee Name: Union SWCD	
	t Name: Mill Creek Push Up Dam Elimination	
2. TO	BE COMPLETED BY CITY/COUNTY O	R TRIBAL PLANNING OFFICIAL
Comp	lete this section only after section 1, above, has been	en completed. Check the box below that applies:
	This project is not regulated by the local compreh	ensive plan and zoning ordinance.
Z	This project has been reviewed and is compatible	with the local comprehensive plan and zoning ordinance.
	This project has been reviewed and <u>is not</u> compat ordinance.	ible with the local comprehensive plan and zoning
	Compatibility of this project with the local planni approvals are obtained:	ng ordinance cannot be determined until the following local
	Conditional Use Permit Plan Amendment Other	Development Permit Zone Change
An ap	plication has has not been made for the lo	cal approvals checked above.
	* Signature of Local Official	
Print	Name:	Phone:
Title:		Email:

<sup>\*</sup>Must be an authorized signature from your local City/County or Tribal Planning Department, regardless of which box is checked above.



### LANDOWNER/APPLICANT CERTIFICATION

### Monitoring Information from Participating Private Lands is Public Record

OAR 695-005-0030 (4) states that "All applications that involve physical changes or monitoring on private land must include a landowner signature signifying their approval and understanding that all monitoring information obtained on their property is public record. An explanation must accompany the application if any of the information required on the application cannot be provided. The landowner's signature will be required prior to the release of the grant agreement if the application is approved for funding."

Therefore, EITHER the <u>applicant</u> must sign and date in the "For the Applicant" section below, OR <u>all private landowners</u> participating in the project must complete this form at the application stage (use additional pages, if necessary) by signing in the "For the Landowner(s)" section below,

in the "For the Landowner(s)" section below.	mention stage (and authorize pages, in necessary) of signing				
The project will occur on (check one):  Public land only (STOP: No need to complete the rest of the form)  Private land only Public & private land (If you check either of these boxes, complete either of the boxes below)					
EITHE	ER				
For the Applicant: I am unable to secure all landowner signature time of application. I understand that should OWEB fund this proparticipating landowner signatures prior to the release of an OWE	ject, that OAR 695-005-0030 (4) requires me to secure all				
Applicant Signature	Date				
OR					
For the Landowner(s): By my signature below, I certify my und Enhancement Board fund part, or all, of this proposal, that <u>all</u> more project is public record. I understand that if I refuse to comply with OWEB compensation for my participation in this project.  Landowner Signature	nitoring information obtained on my property as a result of this				
Landowner Signature	Date				
Landowner Signature	Date				
Landowner Signature	Date				
Landowner Signature	Date				
Landowner Signature	Date				



### LEGAL REQUIREMENTS FORM

AGREEMENTS:
I/we. Union SwcD
of <u>Ja Irande</u> . Oregon, hereby make application for financial assistance
under the terms and conditions of the Oregon Watershed Enhancement Board in the amount of
\$ The total cost of the project is \$, as shown in Section I of the
application and on the budget page.
I/we understand that if this proposal is funded, I/we will in most cases be required to:
<ul> <li>Sign a Grant Agreement containing the terms and conditions upon which funds will be released (work on the grant may not begin until all parties have signed the Grant Agreement);</li> </ul>
<ul> <li>Submit a Cooperative Agreement between the Project Sponsor (Grantee) and the Landowner(s) addressing issues of site access, monitoring, and maintenance;</li> </ul>
<ul> <li>Certify that the project complies with state, federal, and local regulations;</li> </ul>
<ul> <li>Submit copies of all applicable permits and licenses from local, state, or federal agencies or governing bodies, or written evidence that permits and licenses are not needed;</li> </ul>
• Submit a report at the completion of the project, and subsequent periodic reports as required in the Grant Agreement, on the project's performance;
<ul> <li>Resolve any and all outstanding issues from previous grants with OWEB.</li> </ul>
<ul> <li>Agree that educational products and monitoring information resulting from projects are public domain;</li> </ul>
Complete the Oregon Watershed Restoration Reporting form; and
• Certify that the work to be accomplished will comply with the <i>Oregon Aquatic Habitat Restoration</i> and Enhancement Guidelines.
Signed: Sarah Handrichen Date: 10/12/06
Print Name: Sarah Hendrickson
Title: District Manager

### **RESTORATION METRICS FORM**

OWEB receives a portion of its funds from the federal government and is required to report how its grantees have used those funds. Complete both sections of the form below as they apply to your project. The information you provide is used for federal reporting purposes.

### **Section 1 Project Overview**

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

Urban/Suburban/Exurban (Progrowth boundaries or rural residenti	ojects located within urban ial areas)	Rural (Projects located outside urban growth boundaries or rural residential areas.)
Dominant Watershed Setting: C upland area with some erosion control you would check only the Upland box	extended to the riparian are	Example: Your project involves managing erosion in the a. Because most of the work is to occur in the upland area,
Estuary (where freshwater mee of ocean tides.)	ts and mixes with saltwater	Riparian (adjacent to a water body, within the active floodplain.)
Instream (below the ordinary hi	igh-water mark or within	Upland (above the floodplain.)
the active channel — includes fish po	assage.)	Groundwater (Projects that recharge groundwater or primarily affect the subsurface water table.)
Wetland (areas inundated or sa prevalence of vegetation typically ac	turated by surface or ground lapted for life in saturated co	dwater at a frequency and duration sufficient to support a onditions.
Total Acres Treated:  roject Priority Identification: Na identified as a priority. See Application Upper GRande Ronde Agricultura	me the primary watershed/soon Section III, question #R	
Project Limiting Factor(s): Wate project. Check as many boxes as apply	rshed and/or habitat limiting y. See Application Section	g factor(s) identified in the above plan addressed by the III, question #R1.
Bank stability	☐ Nutrients	
Channel morphology	Off-channel habi	tat Substrate conditions
Estuarine habitat	Over-wintering h	nabitat Summer habitat
Excessive sediment/erosion	□ Rearing habitat	☐ Unscreened water diversions
	Reduced habitat	capacity
☐ Exotic species	Reduced habitat	Capacity Diana natitat diversity
☐ Fish passage	Reduced habitat	Water quantity
Fish passage	Riparian habitat	☐ Water quantity ☐ Water quality

<b>6. Project Mo nitoring:</b> Identify the ty question #R7.	pe of monitoring. Check as	s many boxes as ap	oply. See Application Section III,		
Fish presence/absence/abundance/dis	tribution survey(s)	Riparian vegetat	ion (Presence/Absence)		
☐ Instream Ha bitat surveys		Spawning survey			
☐ Macroinvertebrates			l vegetation (Presence/Absence)		
Noxious weed (Presence/Absence)		<del></del>			
☐ Photo points		Water quantity			
Other (explain):		1			
	plication. All data are j	pre-project and d	blank any Project Activity or metric are therefore proposed, not completed. on. For partial barriers, include total miles		
made accessible by the project.					
Install fish passage structure (e.g., fi.	sh ladder, fishway, etc.)		f stream crossings		
Remove/replace culverts		Removal o	f irrigation/push up dams		
Other (explain):					
Number of fish passage blocka  2+ Estimated miles of stream mad Estimated miles of stream mad to the next barrier or the extent  Water Quality Projects: Projects that	e accessible by removal of e accessible by the improv of fish use)	rement or removal	of culverts (i.e., record the miles of stream		
☐ Bacteria	☐ Nutrients (name):		] Temperature		
☐ Dissolved Oxygen	☐ Pesticides		Toxics		
Heavy Metals (name):	□ рН		☐ Turbidity		
Nitrates	Phosphorus				
Other (explain):	****				
Instream Habitat Projects: Projects to provide needed habitat conditions. Check	hat increase or improve the all proposed activities.	ne physical conditi	ons within the stream environment to		
Bank stabilization	☐ Channel reconfigura	tion [	Large wood placement		
Boulder placement	☐ Deflectors/barbs		Off-channel habitat		
Carcass placement	Floodplain connective	vity [	Spawning gravel placement		
Other (explain):			Weirs/grade control		
Pieces of wood per mile.  Estimated number of miles of storces of flowing water). Add just one side is to be treated.  Estimated number of miles of stream only.	the length treated on both	sides when both si	gineered or engineered to resist the erosive des are to be stabilized; add one side when zation. Count one side of the		

Riparian Habitat Projects: Projects at stream. Check all proposed activities for t	bove the ordinary high-water mark of th he riparian area.	e stream and within the floodplain of the
☐ Beaver man agement [	Manage nutrient inputs	Riparian habitat protected
Conservation grazing management [	Manage sediment inputs	Vegetation management (specify):
Exclusion fencing	Non-native/noxious plant control	☐ Voluntary tree retention
Floodplain riurse log placement	Planting riparian species	☐ Water gap development
Off-stream livestock water developm	ent	
Other (explain):		·
	ted.  bank to be treated for non-native/noxiou  ed. Add the length treated on both sides	s plant species. s when both sides are to be treated; add one side
Upland Habitat Projects: Projects imp	olemented above the floodplain. Check a	all proposed activities for the upland area:
Conservation tillage	Reduction of fuels	Sediment control basins
Grazing management	Reduction of nutrient inputs	Terracing
Non-native/noxious plant control	Restore historic natural habitats	Upland erosion control; planting/seeding
Protect natural habitats	Upland livestock water developme	ent
Vegetation management (e.g., junipe	er control)	
Other (explain):		
Estimated total acres of upland  Estuarine Habitat Projects: Projects proposed activities for the estuary.		in the availability of estuarine habitat. Check all
☐ Dike breaching/removal	Estuarine habitat creation	Removal of existing fill material
Estuarine channel modification	☐ Non-native/noxious plant control	
☐ Protection of estuarine habitat	Tide gate re	
Other (explain):		
Estimated total estuarine acres Estimated total acres to be reco Estimated total estuarine acres  Wetland Habitat Projects: Projects divetlands.	to be treated.	
Manage nutrient inputs	Vegeties al. d	[7] Walandhakira I
Manage nutrient inputs  Manage sediment inputs	<ul><li>✓ Vegetation planting</li><li>✓ Wetland creation (from upland)</li></ul>	Wetland habitat enhancement Wetland protection
Non-native/noxious plant control		
Other (explain):	Wetland restoration (reestablish	nent of nydrology)
Estimated total wetland acres of	o be treated for non-native/noxious planereated to be treated (improvement, enhancement)	

Road Projects: Projects designed to improve road impacts to watersheds. Check all proposed activities.						
Road drainage system improvements	delivery control					
Road obliteration/decommissioning	Road surface impro	improvement				
Road reconstruction	Other (explain):					
Estimated miles of road to be treated.  Water Management Projects: Projects designed to improve water efficiency, quantity, and timing within the watershed.  Check all proposed activities.						
Convert gravity diversion to pumps or infiltration galleries	☐ Irrigation systems for improved water conservation	Recharge groundwater/aquifer				
Create off-channel flood storage	☐ Irrigation systems for improved water quality	Reduce water loss in irrigation delivery				
☐ Install storm water runoff treatment	☐ Protect instream flow	Other (explain):				

Estimated amount of water (cubic feet per second) returned during the critical water period, April-October.

### APPLICATION CHECKLIST

Instructions: Use this form as an important cross-check to ensure that your application is complete. An incomplete application will jeopardize your application's review. After you have checked all the boxes, return the checklist with your completed application.

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- Only one copy of the application is included with the packet (other applications should be sent separately)
- The application and attachments are on 8 ½ x 11" paper
- The application and attachments are single-sided and single-spaced
- The application and attachments are not stapled or bound (sets of color photos and color maps excepted; see check box immediately below)
- Where color photos or color maps are provided, I have included 25 copies of each, and if there are multiple sets, they are collated and stapled (no other documents or attachments are stapled).

### Section I – Applicant Information

- All questions in this section have been answered
- The OWEB Dollars Requested and the Total Project Cost mirror the totals shown on the budget page
- The project location is complete
- All contact information for the applicant and fiscal agent is complete and current

### Section II - Project Information

All questions in this section have been answered

### Section III - Specific Restoration Project Activity

All questions in this section have been answered

### Section IV - Budget Page

- I have read the application instructions for completing the budget page
- ☑ Columns A and B have been completed, where appropriate
- Fiscal Administration does not exceed 10% of the OWEB subtotal (subtotal row, Column E)
- The totals shown in the last row add up and are accurately reflected in Section 1 of the application

### Required Forms

- Match Funding form show that at least 25% match has been sought (authorized signatures are not required at the application stage, but are strongly encouraged)
- Land Use form (required only for applications involving on-the-ground activities to ensure compatibility with the local comprehensive plans and zoning ordinances) completed as relevant, signed, and dated by local official
- △ Landowner/Applicant Certification form completed, signed, and dated by <u>all</u> participating landowners
- Legal Requirements form completed, signed, and dated by the applicant
- Restoration Project/Activity Types form completed, as relevant
- Restoration Metrics form completed, as relevant

### Attachments (see page 3 of the application for details)

- Project Maps
- Preliminary Project Designs
- M Photographs
- ☐ Letters of Support from key project partners or others, as appropriate.

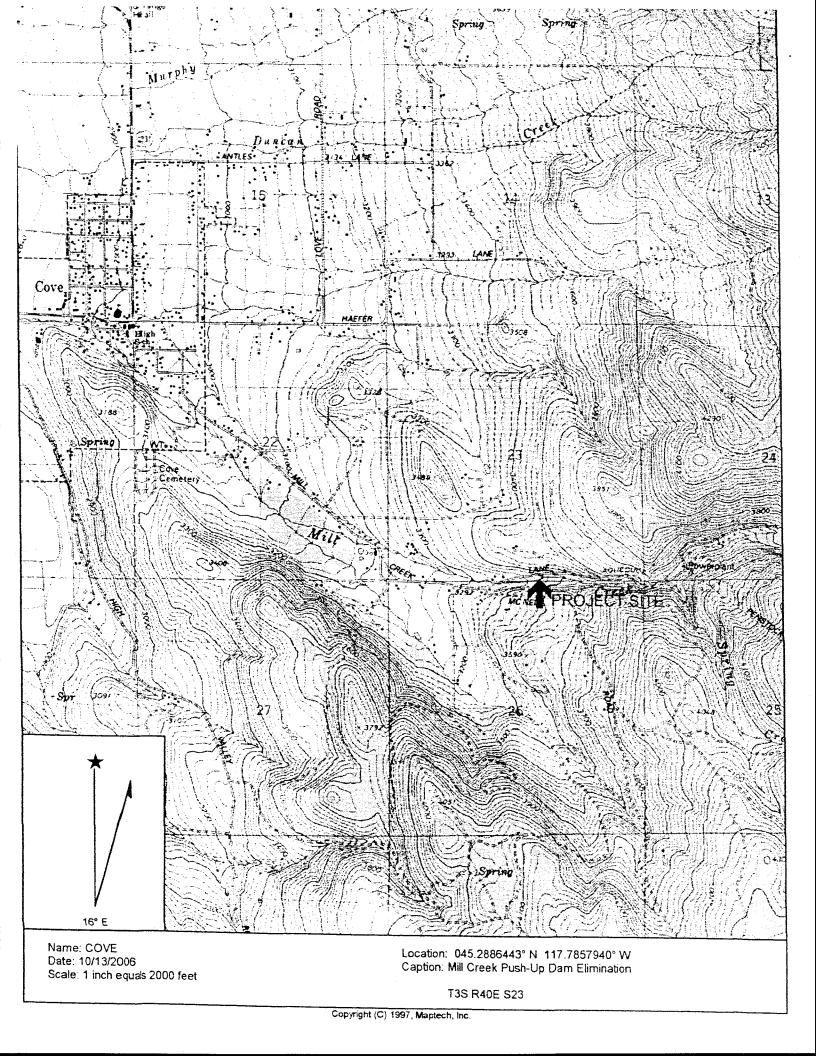


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WARNECK DILERSION/Passage UNION County, OR



