

State of Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900

# Application for

# **Allocation of Conserved Water** Part 1 of 4 - Minimum Requirements Checklist

This application will be returned if Parts 1 through 4 and all required

attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Allocation of Conserved Water Experience | EVED

Check all items	included with this application. (N/A = Not Applicable)	
$\boxtimes$	Part 1 – Completed Minimum Requirements Checklist.	DEC 2 4 2013
$\boxtimes$	Part 2 – Completed Applicant Information and Signature.	WATER RESOURCES DEPT SALEM, OREGON
	Part 3 – Completed Water Right Information and Conservation Meseparate Part 3 for each water right. List all water right certificates here: A portion of Certificate 79482 (1766.76 acres of 9274.1 acres of 9	s involved in this application
$\boxtimes$	Part 4 - Completed Mitigation, Proposed Use, Project Schedule, Fu	unding, and Fee Calculation.
Attachments	:	
$\boxtimes$	Fees – Amount enclosed: \$1000 from last page of application).	
	Application Map. Must have sufficient detail to locate and describe involved in the conservation measures. Must show the place of us the rate or duty are changing. See attached Exhibit A, Sheet 1 of	e where water is being used if
	Land Use Information Form with approval and signature. (Not rec Water is being transferred instream.) See attached Exhibit B	quired if 100% of Conserved or
	Land Use Notice - Notice of the intent to create an instream water affected county, city, municipal corporation, or tribal government reach.	-
N/A	Completed Evidence of Use Affidavit and Supporting Documentat	tion. See attached Exhibit C.
N/A □	Affidavit(s) of Consent. See attached Exhibits D, Boardman Tro	ee Farm and Windy River.
□ N/A	Letter of approval from Irrigation or Water Control District. For win the name of a District, this must be provided when the transfer a	
□ N/A	Irrigation or Water Control District's adopted policy on allocation	of conserved water.
N/A N/A	If construction of the project has begun or been completed <u>and</u> if n project costs have been expended before applying for allocation of that you have attempted to identify and resolve the concerns of wa governmental entities or other organizations who have asked to be allocation of conserved water. See attached Exhibit E, Evidence Other Water Right Holders, and attached Exhibit F, Statemen Funding.	conserved water, evidence ter right holders in the area, consulted regarding the of Resolution of Concerns of
□ N/A	Evidence for Fee Waiver.	
⊠ ∏ N/A	Notice of Completion.	
□ N/A	Request for Finalization. (Entire project listed on the application mail finalization will be recognized.)	nust be complete. No partial

# Part 2 of 4 - Applicant Information and Signature

# **Applicant Information**

A DD!	CANT/BUSINESS NAM	г			DUONENO	ADDITIONAL CONTACT NO
		С			PHONE NO.	ADDITIONAL CONTACT NO.
	e Farms LLC				<u>1 541 376 5055</u>	
ADDR						FAX NO.
7312	20 Highway 207					
CITY		STATE	ZIP		E-MAIL	
Есн	0	OR	97826	,		
				-		
	• •	r ORS Chapte	er 553.	The District	•	er 545 or a water control district -0025 allocation of conserved water
OR						
	conservation me If NO, include si	easures is loc gnatures of all sent (and maili	ated? ∑ Iandown	] Yes □ N ers (and mai	o ling address if diffe	erent than the applicant's) or attach dividuals/entities to which the water
	LANDOWNER NAM	4E			PHONE NO.	
	Not Applicab	_			THORE NO.	
	ADDRESS	ie				
	CITY		STATE	ZIP	E-MAIL	
		relat		listed below		to represent the applicant in all matters
REPR	ESENTATIVE/BUSINES	SNAME			PHONE NO	ADDITIONAL CONTACT NO

		to timo appiroutioni		
REPRESENTATIVE/	BUSINESS NAME		PHONE NO.	ADDITIONAL CONTACT NO.
CRAIG REEDEL	R		1 541 376 5055	
ADDRESS				FAX NO.
73120 HIGHWA	AY 207			
CITY	STATE	ZIP	E-MAIL	
Есно	OR	97826		

REPRESENTATIVE/BUS	SINESS NAME		PHONE NO.	ADDITIONAL CONTACT NO.
BILL PORFILY		1 541 561 7259		
ADDRESS				FAX NO.
P.O. Box 643				
CITY	STATE	ZIP	E-MAIL	
STANDFIELD	OR	97875		



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neral circulation in the area v	ired to submit payment to the Department for p where the water right is located, once per week ailable, I suggest publishing the notice in the fo	for two consecutive weeks. If more th
we) affirm that the infor	mation contained in this application is tr	
Applicant signature	Robert C. Hale, Member Print Name (and Title if applicable)	12/24/13 Date
Applicant signature	Print Name (and Title if applicable)	Date
In your own words tell us for the change(s):	s what conservations measures you have m	ade or propose to make and the red
to implement crop rotat	ow spray nozzles. In addition, farm man tions and irrigation scheduling to improv ures were made to improve efficiency of	ve irrigation efficiency.
To meet State Land Use Comunicipal corporation, or proposed instream reach value.	tions and irrigation scheduling to improveures were made to improve efficiency of a Consistency Requirements, you must list all tribal government) within whose jurisdictionally be located.  ADDRESS	ve irrigation efficiency.  the irrigation system and save was local governments (each county, county).
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The conservation measurement State Land Use Comunicipal corporation, or	consistency Requirements, you must list all tribal government) within whose jurisdiction will be located.  ADDRESS 100 S COURT ST.  STATE OR  ADDRESS STATE  ADDRESS ADDRESS	the irrigation efficiency.  the irrigation system and save was local governments (each county, con the conservation project and/or    ZIP   97836   ZIP

Please use a separate Part 3 for <u>each</u> water right involved in the proposed allocation of conserved water.

#### WATER RIGHT INFORMATION:

	Water Right Subject to T	Transfer (check and complet	te <b>ONE</b> of the following):
$\square$	Contificated Dight	79482	36940
	Certificated Right	Certificate Number	Permit Number or Decree Name
	Adjudicated, Un-certificated Right		
Ш	Adjudicated, Oil-certificated Right	Name of Decree	Page Number
	Permit for which Proof has been		
Ш	Approved	Permit Number	Special Order Volume, Page
	Transferred Right for which Proof has		and and
Ш	been Filed	Previous Certificate / Transfer Numb	per DEC 2 4 2040 Claim of Beneficial Use Submitted

County: Morrow

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Describe the pre-project water delivery system. Include information on the diversion structure, pumps, and conveyance facilities (including canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use). *Provide sufficient detail for the Department to determine the system capacity.* 

This conserved water application involves a portion (1766.76 acres of 9274.1 acres) of the water right authorized by Certificate 79482. The diversion structure, pumps, and main conveyance facilities used to irrigate the acreage related to this Conserved Water Application are part of the overall facilities used to irrigate all of the acreage authorized by Certificate 79482. Therefore, components of the distribution system described in the following discussion have capacity far exceeding that required to serve the acreage related to this Conserved Water Application.

The diversion structure is located on the south bank of the Columbia River in Section 2, T4N, R25E, W.M. It consists of a platform-type structure that extends from the shoreline into the river. The structure is shared with and also used by Columbia Improvement District. Each entity operates independently with its own pumps. The easterly half (upstream) side of the structure is used by Boardman Tree Farm and serves the acreage related to this Conserved Water Application. Boardman Tree Farm has a battery of six short coupled low head vertical turbine pumps totaling 1350 horsepower (2-150 hp units, 3-250 hp units, and 1-300 hp unit) that are used to pump water from the river a short distance inland to a high lift pumping station (High Lift). The High Lift pumping station consists of a large concrete sump structure. There are nine high lift short coupled vertical turbine pumps totaling 8600 horsepower (1-600 hp unit & 8-1000 hp units) that pump water from the High Lift structure into the main pipelines that carry water to the farm land. From the High Lift pumping structure the water is pumped into parallel 54" main pipelines. The parallel pipelines extend in a southeasterly direction 3480 feet +/- to a point where they cross beneath Columbia Avenue, then continue southeasterly 8200 feet +/- to a point where they cross beneath the Union Pacific Railroad track, then continue southeasterly another 1690 feet +/- to a point where they cross the West Extension Irrigation District (WEID) canal, then continue 430 feet +/- to a point where they cross beneath State Highway 730, then continue 4010 feet +/- to where they bend to the south. This is the location of a booster pumping station referred to as the Cherokee Station.

The Cherokee booster pumping station consists of four centrifugal pumps totaling 600 horsepower (1-75 hp unit, 1-125 hp unit, & 2-200 hp units). It boosts the pressure in a portion of the water being carried by the 54" parallel pipelines and discharges it into a 20" pipeline the extends east 3770 feet +/- to the pivot point of a circular irrigation machine (circle), C-89, where it transitions to a 18" pipeline that extends southeasterly 2130 feet +/- to the pivot point of another circle, C-90, where it continues southeasterly 1020 feet +/- and transitions to a 16" pipeline that continues 1000 feet +/- southeasterly to the pivot point of circle C-91. It then transitions to a 14" pipeline and extends southeasterly 1870 feet +/- to the pivot point of circle C-92. From this point the 14" pipeline continues southeasterly 1300 feet +/- to a point where it crosses beneath Paterson Ferry Road. A short distance from the east side of the road the pipeline transitions to 12" and extends 1770 feet +/- to the pivot point of a half circle, C-93, which irrigates land which is part of this conserved water application. From the pivot of circle C-93 the 12" pipeline extends northeasterly 2630 feet +/- to the pivot point of another half circle, C-94, which also irrigates land which is a part of this conserved water application.

From the location of the Cherokee booster station the parallel 54" main pipelines extend south 530 feet +/- and cross beneath I-84 and continue south 530 feet +/- to the location of a booster pumping station (Booster 1). The Booster 1 pumps consist of battery of nine pumps totaling 7800 horsepower (2-400 hp units & 7-1000 hp units). Booster 1 boosts the pressure in the 54" parallel pipelines south of I-84 and discharges into parallel pipelines, 1- 48" and 1-54". These pipelines continue extending southeasterly. Approximately 600 feet southeast of Booster 1, a branch 20" pipeline connects to the Booster 1 discharge pipelines. It extends in a southwesterly direction 1820 feet +/- to a cluster point (location from which several circles are served from a common pipeline connection point). From the cluster point there is a 12" pipeline that extends west 3120 feet +/- to the pivot of circle C-1 which irrigates ground which is part of this conserved water application. At the cluster point the 20" pipeline transitions to a 16" pipeline which extends southwesterly 4060 feet +/- to another cluster point. From this cluster point there is a 10" pipeline that extends northwesterly 1500 feet +/- and a 12" pipeline that extends southwesterly 1520 feet +/- to the pivot points of circles C-2 and C-3 which irrigate ground which is a part of this conserved water application.

From the location of the 20" branch pipeline connection, the parallel 48" and 54" mainlines continue southeast 6930 feet +/- to the location of another booster pumping station (Booster 2). The Booster 2 pumping station consists of battery of nine pumps totaling 5000 horsepower (2-400 hp units & 7-600 hp units). Booster 2 boosts the system pressure and discharges into a single 54" pipeline that continues southeasterly. Approximately 2260 feet southeast of Booster 2, a branch 36" pipeline connects to the Booster 2 discharge pipeline. The branch 36" pipeline extends southwest 6430 feet +/- to a point where a 14" branch pipeline connects. The 14" branch pipeline extends northwesterly 3230 feet +/- to a cluster point. From the cluster point there is a 12" pipeline that extends southwesterly 1510 feet +/- to the pivot of circle C-12 and a 12" pipeline which extends 3160 feet +/- west to the pivot of circle C-4 both of which irrigate ground which is a part of this conserved water application.

From the location of the 14" branch pipeline connection to the 36" pipeline the 36" pipeline continues southwest 750 feet +/- to a point where a 22" branch pipeline connects. The 22" branch pipeline extends southeast 3660 feet +/- to a cluster point. From the cluster point there is a 12" pipeline that extends southwesterly 1410 feet +/- to the pivot of a half circle, C-29, which irrigates ground which is a part of this conserved water application. At the cluster point the 22" pipeline transitions to 16" and extends south 2650 feet +/- to another cluster point. From this cluster point there is a 12" pipeline that extends southwest 1430 feet +/- to the pivot of a quarter circle, C-30, which irrigates ground which is a part of this conserved water application.

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From the location of the 22" branch pipeline connection to the 36" pipeline the 36" pipeline continues southwest 1560 feet +/- to another cluster point. From this cluster point there is a 12" pipeline that extends west 1560 feet +/- to the pivot of circle C-13 and a 10" pipeline which extends southeast 1500 feet +/- to the pivot of circle C-21. Both of these circles irrigate ground which is a part of this conserved water application.

At the cluster point the 36" pipeline transitions to 24" pipe and continues southwest 1650 feet to a point where a 14" branch pipeline connects. The 14" pipeline extends northwesterly 2310 feet +/- to a cluster point. From this cluster point there is a 10" pipeline that extends northwest 2000 feet +/- to the pivot of circle C-5 and a 10" pipeline that extends southwest 1380 feet +/- to the pivot of circle C-6. Both of these circles irrigate ground which is a part of this conserved water application.

At the connection point of the 14" pipeline to the 24" pipeline the 24" pipe transitions to 22" and extends 2600 feet +/- to the south where there is another cluster point. From this cluster point there is a 12" pipeline that extends west 3040 feet +/- to the pivot of C-7, a 12" pipeline that extends 1550 feet +/- to the northwest to the pivot of circle C-14, a 10" pipeline that extends east 1620 feet +/- to the pivot of circle C-22, and a 12" pipeline that extends southwest to the pivot of a half circle, C15. All four of these circles irrigate ground which is a part of this conserved water application.

### **Table 1: Pre-Project Description**

List: A) the maximum rate and annual duty (volume) of water that may be diverted as stated on the water right of record; and B) the maximum amount of water that can be diverted using the pre-project facilities ("system capacity"). If there are multiple priority dates on the water right, list the rate and duty associated with each priority date. (If the water right is only limited by rate, do not list a duty, and conversely, if the water is only limited by duty, do not list a rate.)

			PF	RE-PROJE	CT DESCRI	IPTION				
		_		Colui Vater Righ	mn A t of Record		Column B System Capacity			
			Ra		Dut		Ra		Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC
All of Cert 79482 (9274.1 acres)	6-29-73	9274.1	229.3 cfs	0.025	41733.45 Ac Ft	4.5	229.3 cfs	0.025	41733.45 Ac Ft	4.5
Portion of Cert 79482 involved in this Conserved Water Appl. (1766.76 acres)	6-29-73	1766.76	43.68 cfs	0.025	7950.42 Ac Ft	4.5	43.68 cfs	0.025	7950.42 Ac Ft	4.5
Totals		1766.76	43.68 cfs		7950.42 Ac Ft	4.5	43.68 cfs		7950.42 Ac Ft	4.5

Note: 1 miner's inch = 1/40 cfs;

1 cfs = 448.8 gpm

1 cfs = 1.983471 ac-ft/day

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#### **CONSERVATION MEASURES:**

Describe the type of conservation measures, check all that apply:

○ On-Farm efficiency project	WATER RESOURCES DEPT SALEM, OREGON
Distribution project, such as a ditch piping or lining project	OALLINI, OHEGON
Other: Implementation of farm management practices relating scheduling which increase irrigation efficiency.	g to crop rotations and irrigation

Describe the proposed changes to the physical system, operations and application methods that will result in the conservation of water. If these proposed changes will change the point of diversion, you must meet the ODFW fish screen and bypass requirements pursuant to ORS 540.525. *Provide sufficient detail for the Department to provide notice of the project.* 

The conservation measures taken consist of modifying the center pivot circle irrigation machines to operate at lower pressures and reduced flows. This is accomplished by installation of state of the art new low pressure low flow spray nozzles. In addition, farm management practices have included implementing crop rotations and irrigation scheduling which have resulted in irrigation efficiency gains.

#### Place of Use Involved in Conservation Measures

List only the part of the right that will be affected. If the entire right is being affected, just state "entire Certificate."

Т	Twp Rng		`wp Rng		Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	Type of Use listed On Certificate	Priority Date
2	S	9	Е	15	NE	NW	153.0	100		EXAMPLE	1/1/1865	
4	N	26	E	15	NE	SW	3417		16.22	IRRIGATION	6/29/73	
4	N	26	E	15	NW	SW	3417		11.41	IRRIGATION	6/29/73	
4	N	26	E	15	SW	SW	3417	_	6.64	IRRIGATION	6/29/73	
4	N	26	E	15	SE	SW	3417		24.4	IRRIGATION	6/29/73	
4	N	26	E	15	NE	SE	3417		0.01	IRRIGATION	6/29/73	
4	N	26	E	15	NW	SE	3417		5.82	IRRIGATION	6/29/73	
4	N	26	E	15	SW	SE	3417		28.82	IRRIGATION	6/29/73	
4	N	26	E	15	SE	SE	3417		17.62	IRRIGATION	6/29/73	
4	N	26	E	18	SW	NW	3419		3.26	IRRIGATION	6/29/73	
4	N	26	E	18	SE	NW	3419		2.82	IRRIGATION	6/29/73	
4	N	26	E	18	NE	SW	3419	_	34.48	IRRIGATION	6/29/73	
4	N	26	E	18	NW	SW	3419		38.71	IRRIGATION	6/29/73	
4	N	26	E	18	SW	SW	3419	_	29.97	IRRIGATION	6/29/73	
4	N	26	E	18	SE	SW	3419		25.16	IRRIGATION	6/29/73	
4	N	26	E	19	NE	NW	3419		33.93	IRRIGATION	6/29/73	
4	N	26	E	19	NW	NW	3419		27.07	IRRIGATION	6/29/73	
4	N	26	E	19	SW	NW	3419		2.44	IRRIGATION	6/29/73	
4	N	26	E	19	SE	NW	3419		19.62	IRRIGATION	6/29/73	
4	N	26	E	19	NE	SW	3419		32.82	IRRIGATION	6/29/73	
4	N	26	E	19	NW	SW	3419		38.81	IRRIGATION	6/29/73	
4	N	26	E	19	SW	SW	3419		31.77	IRRIGATION	6/29/73	
4	N	26	E	19	SE	SW	3419		25.05	IRRIGATION	6/29/73	
4	N	26	E	29	SW	SW	3419		1.7	IRRIGATION	6/29/73	
4	N	26	E	30	NW	NE	3419		1.18	IRRIGATION	6/29/73	
4	N	26	E	30	SW	NE	3419		40.43	IRRIGATION	6/29/73	
4	N	26	E	30	SE	NE	3419		19.84	IRRIGATION	6/29/73	

							-,				
4	N	26	E	30	NE	NW	3419		32.70	IRRIGATION	6/29/73
4	N	26	E	30	NW	NW	3419		38.52	IRRIGATION	6/29/73
4	N	26	E	30	SW	NW	3419		32.15	IRRIGATION	6/29/73
4	N	26	E	30	SE	NW	3419		33.92	IRRIGATION	6/29/73
4	N	26	Е	30	NE	SW	3419		37.57	IRRIGATION	6/29/73
4	N	26	Е	30	NW	SW	3419		38.35	IRRIGATION	6/29/73
4	N	26	E	30	SW	SW	3419		33.26	IRRIGATION	6/29/73
4	N	26	E	30	SE	SW	3419		34.87	IRRIGATION	6/29/73
4	N	26	E	30	NE	SE	3419		12.77	IRRIGATION	6/29/73
4	N	26	E	30	NW	SE	3419		36.20	IRRIGATION	6/29/73
4	N	26	E	30	SW	SE	3419		40.22	IRRIGATION	6/29/73
4	N	26	E	30	SE	SE	3419		19.82	IRRIGATION	6/29/73
4	N	26	E	31	NE	NE	3419		34.96	IRRIGATION	6/29/73
4	N	26	E	31	NW	NE	3419		37.08	IRRIGATION	6/29/73
4	N	26	E	31	SW	NE	3419		39.69	IRRIGATION	6/29/73
4	N	26	E	31	SE	NE	3419		34.40	IRRIGATION	6/29/73
4	N	26	E	31	NE NE	NW	3419		36.63	IRRIGATION	6/29/73
4	N	26	E	31	NW	NW	3419		37.75	IRRIGATION	6/29/73
4	N	26	E	31	SW	NW	3419		35.37	IRRIGATION	6/29/73
4	N	26	E	31	SE	NW	3419		34.74	IRRIGATION	6/29/73
4	N	26	E	31	NE	SW	3419		35.31	IRRIGATION	6/29/73
4	N	26	E	31	NW	SW	3419		38.09	IRRIGATION	6/29/73
4	N	26	E	31	SW	SW	3419		37.95	IRRIGATION	6/29/73
4	N	26	E	31	SE	SW	3419		34.16	IRRIGATION	6/29/73
4	N	26	E	31	NE NE	SE	3419		34.16	IRRIGATION	6/29/73
4	N	26	E	31	NW	SE	3419		37.04	IRRIGATION	6/29/73
4	N	26	E	31	SW	SE	3419		37.09	IRRIGATION	6/29/73
4	N	26	E	31	SE	SE	3419		32.52	IRRIGATION	6/29/73
4	N	26	E	32	NW	NE NE	3419		0.3	IRRIGATION	6/29/73
4	N	26	E	32	SW	NE	3419		4.2	IRRIGATION	6/29/73
4	N	26	E	32	NE NE	NW	3419		8.52	IRRIGATION	6/29/73
		26	E	32		_	3419			IRRIGATION	6/29/73
4	N	26	E	32	NW	NW	-		39.11		
4	N				SW	NW	3419		36.50	IRRIGATION	6/29/73
4	N	26	E	32	SE	NW	3419		36.57	IRRIGATION	6/29/73
4	N	26	E	32	NE	SW	3419		34.98	IRRIGATION	6/29/73
4	N	26	E	32	NW	SW	3419		39.35	IRRIGATION	6/29/73
4	N	26	E	32	SW	SW	3419		37.21	IRRIGATION	6/29/73
4	N	26	E	32	SE	SW	3419		36.23	IRRIGATION	6/29/73
4	N	26	E	32	NW	SE	3419		3.5	IRRIGATION	6/29/73
4	N	26	E	32	SW	SE	3419		3.0	IRRIGATION	6/29/73
										Dr	8
								_		ne	CEIV
										D	CEIV
		<u> </u>						Total	1766.76		
									2,00,,0	VVATER F	RESOURCES

Are there other water right certificates, water use permits, ground water registrations, or uncertificated decreed rights associated with the above lands? Yes No. If YES, list the certificates, water use permits, ground water registrations, or uncertificated decreed numbers: A portion of the POU under Permit G-16151 overlaps with a portion of the POU described in the conserved water application (SWSW, SESW, and SWSE, Sec. 15, T4N, R26E. The conserved water application will not reduce the water available under Permit G-16151.

Is the project within the boundaries of an irrigation district or water control district? 

Yes 

No If YES, and applicant is not a District, you must provide a letter of approval from the District.

#### Table 2: Conserved Water

In Column A, list the smaller of A or B from Table 1 (Pre-Project Description). In Column B, list the amount of water that will be needed for the existing, authorized use(s) after implementing the conservation measures. In Column C, subtract Column B from Column A and enter the results (e.g., A - B = C). (If the water right is only limited by rate, do not list a duty; and conversely, if the water is only limited by duty, do not list a rate.)

				Cons	erved Wat	er Descrip	tion				
		Colur	nn A			Colun	nn B	Milwey.	Column C		
	Tab	le 1 – Sma	ller of A or	В		Need	led	Conserved Water			
	Rate		Dut	ty	Ra	ate	Duty		Rate	Duty	
Priority	Maximum CFS	CFS/AC	Maximum AF	AF/AC	Maximum CFS	CFS/AC	Maximum AF	AF/AC	Maximum CFS	Maximum AF	AF/AC
6/29/73	43.68	0.025	7950.42	4.5	31.49	0.01783	6183.66	3.5	12.19	1766.76	1.0
Totals	43.68	0.025	7950.42	4.5	31.49	0.01783	6183.66	3.5	12.19	1766.76	1.0

## **Table 3: Allocation of Conserved Water**

List the portions of the conserved water that will be allocated to the state and applicant. Note: Column A plus Column B should total Column C (e.g., A + B = C).

			Conser	ved Water All	ocation				
	Column A			Column B		Column C			
St	ate's Portion		Apj	olicant's Portio	on	Conserved Water			
		Maximum			Maximum			Maximum	
	Maximum	Duty		Maximum	Duty		Maximum	Duty	
Percentage*	Rate	(Volume)	Percentage	Rate	(Volume)	Percentage	Rate	(Ac Ft)	
25%	3.05	441.69	75%	9.14	1325.07	100%	12.19	1766.76	

<sup>\*</sup> must be at least 25%

Т	he	priority	for the	conserved	water is	requested	to	he.
1	ne	priority	for the	conserved	water is	requestea	Ю	be:

The same as the original right, or

☑ One minute junior to the original right.





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Part 4 of 4 — Mitigation, Proposed Use, Project Schedule, Funding, and Fee Calculation

### MITIGATION:

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Describe any expected effects from the proposed allocation of conserved water on other water rights. Describe what currently happens to the water that is proposed to be conserved.

Prior to the applicant installing the conservation measures the conserved water was withdrawn from the Columbia River and used to irrigate the farmland. Since installation of the conservation measures the owner has determined that the crops he is growing can be successfully grown with less irrigation water than authorized by the water right certificate. The conservation measures have reduced the quantity and rate of withdrawal from the Columbia River. The state's portion of the conserved water will be left in stream.

Describe any mitigation or other measures that are planned to avoid harm to other water rights.

The project is not expected to result in any harm to other water rights. Mitigation will include 25% of the conserved water being allocated to in stream uses.

#### PROPOSED USE:

N/A For new out-of-stream uses, describe the intended use and boundaries of the expected area within which the diversion structures and places of use of the applicants' conserved water right will be located. This is land other than that to which this water right is appurtenant.

Intended Use: Primary irrigation. There is no intent to "layer" the applicant's portion of the conserved water so as to preclude the future potential of using the primary water rights separately from other primary water rights that may be appurtenant to the place of use for the conserved water. Rather, the intention is to maintain the primary irrigation use for the applicant's share of the conserved water. Should the applicant at some future time petition to use its portion of the conserved water separately from other primary water rights that may be appurtenant to the place of use for the conserved water, an analysis of whether a separation of the applicant's portion of the conserved water would result in enlargement or injury shall consider that the applicant's portion of the conserved water originated as separate, distinct primary water rights. Boundaries: The area on which the applicant anticipates it will use its share of conserved water is located somewhere in:

Twn	Range	Twn	Range	Twn	Range	Twn	Range
2N	23E	3N	23E	4N	23E	5N	26E
2N	24E	3N	24E	4N	24E	5N	2 <u>7E</u>
2N	26E	3N	26E	4N	25E	5N	28E
2N	27E	3N	27E	4N	26E	5N	29E
2N	28E	3N	28E	4N	27E	5N	30E
		3N	29E	4N	28E		
		3N	30E	4N	29E		
				4N	30E		

	Originating Water Right (as identified in	Priority Date	Source	Proposed Instream Period	Rate (cfs)*	Volume (ac-ft)**	
	Part 3) 79482	6/29/73	Columbia River	Irrigation Season	3.05	441.69	
				-			
				TOTAL		441.69	
	*Tip: To calculate rate (if other than the rate allowed by the right), divide the volume by the number of days in the period and then divide by 1.983471; or						
	To calculate volume, multiply the rate by the number of days in the instream period and then multiply by 1.983471.						
		•	ceed the maximum raduty conserved (Table		otal volu	me may	
Location of	the proposed instream	water right.					
	Water is requested proposed reach (ide	-	within a reach of the t of the reach):	Columbia River. Th	e location	n of the	
	Section 2, T4N, R	25E, WM; Sou	the Columbia River, th 86 Degrees 22 Min tream to the mouth	nutes 46 Seconds We	est, 2829		
OR							
	Water is requested point of diversion (	•	at a point at the follow	wing location (i.e. lega	al descrip	tion of the	
Public Use	for which conserved w	ater right shoul	d be managed under a	n instream right (chec	k at least	t one box):	
$\boxtimes$	Conservation, mair habitat, and other e		hancement of aquatic s.	and fish life, wildlife,	, fish and	wildlife	
	Recreation.			RECEIV	/ED		
	Pollution Abateme						
List any exi	sting instream water ri	ghts at the same	e point or within the sa	ame requested reach(	s):		
				WATER RESOURC SALEM, OREC			
$\boxtimes$	Instream Water Rig	ght Certificates:	<u>88116</u>	OALLW, OTTE	2014		
established conserved v agency appl priority date		nstream transfer rtion of any ins RS 537.346 (co	r application process) tream water right estal onversion of minimum	and ORS 537.470 (all blished under ORS 53	location o 37.341 (st	of ate	
$\bowtie$	Yes No. If no	, piease explair	your intent below:				

-	sted instream flow <u>integrated</u> instream flow integrated in the drainage system		rage natural flow or natural lake level				
$\boxtimes$							
Yes (Provide supporting documentation that demonstrates why additional flows are for the public use requested.); <b>OR</b>							
	Yes, and it is presumed that flows that exceed the estimated average natural flow or natural lake levels are significant because:						
	The requested flow does not exceed the maximum amount of any instream water right applied for under ORS 537.338 (state agency instream water right application process); the requested public use is for the same public use; and the requested reach covers a portion or same reach as the state agency instream water right; and						
	The stream instream pe	n priority watershed during the requested					
	The stream	is listed as water quality limited b	y DEQ.				
PROJECT SCHEDULE:  □ N/A For a project that has <b>not</b> been completed, please provide the dates on which the applicant int to do the following:  □ Complete Construction and File   Request that Entire Conserved Water							
	Begin Construction  Date:	Notice of Completion  Date:	*Date:				
		from the date of filing the Notice of Com					
have ident	been expended before s ify and resolve the conc have asked to be consult	ubmitting this application, you must erns of water right holders in the area ted regarding the allocation of conser					
N/A □ N/A	For a project that has been completed, provide the dates when the conservation measures were implemented and the date by which the applicant intends to request the allocation be finalized. Complete and attach Notice of Completion form.						
	See attached Exhibit G, Evidence that the Project was Implemented Within 5 Years						
	See Attached Allocation of Conserved Water Notice of Completion form.						
	Conservation Measures Were Implemented *Date: March of 2009	Request that Entire Conserved W Allocation be Finalized **Date: March 1, 2016	'ater				

<sup>\*\*</sup> Must be within 5 years from the date of filing this Application and Notice of Completion.



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<sup>\*</sup> Must be within 5 years prior to the date of filing this application.

## **FUNDING**

			at <u>are not</u> subject to repayment are to be used <i>l)</i> for further information in completing this						
			deral: State:						
		Total cost for project engineering \$  Total cost for construction \$							
		The present value of any incremental changes in the cost of operations and maintenance that are directly attributable to the project that would not be incurred or realized in the absences of the project is \$							
		oject engineering and and maintenance to be nent is \$							
	oject engineering and naintenance to be								
	N/A		able 3, Column B (Applicant's Portion of Con 25%, what portion of project funds (expressublic sources?%						
	N/A	The Oregon Watershed Enha The OWEB project number	ancement Board (OWEB) have a contractua is	l interest in this project.					
FEE	CALCU	ULATION							
	Fee Sch	edule – ORS 536.050 http://www	v.oregon.gov/owrd/pubs/docs/forms/fee_schedule_4	2012.pdf					
	\$1,000.0	00 - Base (I <sup>st</sup> Water Right)	Add \$350.00 for each additional right						
		\$1,000 + ( <u>0</u>	x \$350) = Total Fee <b>§1000</b>						
		Fe	e Waiver Worksheet						
To qualify for a waiver of up to 50%, you must provide evidence to establish your application meets the following criteria:									
	(a) Will be converted to an instream right pursuant to ORS 537.348; or								
		(b) Is necessary to complete a project funded under ORS 541.375 (OWEB); or							
	(c) Is approved by the Oregon Department of Fish and Wildlife as a project that will result in a net benefit to fish and wildlife habitat. See OAR 690-018-0040(25).								
	If the pr	oject meets one of the above standards	s, use the following formula to calculate the fees:						
		(d) Enter Percentage from Table 3, Co		RECEIVED					
	(e) Deduct 25% from percentage in (d) above – <u>0</u> %								
		(f) Enter the lesser of (e) above or 50	_ <del></del>	DEC 2 4 2013					
		(g) Total Fee x % waived (f) = Fee $V$	<del>-</del>	WATER RESOURCES DEPT					
			% (max 50% waived) = Fee x 50% = Fee Waiver	SALEM, OREGON					
		Total Fee \$1000 - Fee Waiver (g)	<u>SU</u> = Amount Due \$ <u>1000</u>						