In your own words tell us what conservations measures you have made or propose to make and the reason for the change(s): Surface water certificates 79749 and53700 (Permit # 21281and 39014 respectively) were used to irrigate 149.1 acres of pasture land with standard pipe and impact sprinkler system. The land owners are converting the pasture land to a grape vineyard. The land owners are implementing a drip style irrigation system for the vineyard.

To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction the conservation project and/or proposed instream reach will be located.

ENTITY NAME	ADDRESS	
DOUGLAS COUNTY	1036 SE DOUGLAS AVE, ROOM 106	
CITY	STATE	ZIP
ROSEBURG	OR	97470

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

Part 3 of 4 – Water Right Information and Conservation Measures

Please use a separate Part 3 for **each** water right involved in the proposed allocation of conserved water.

WATER RIGHT INFORMATION:

Water Right Subject to Transfer (check and complete **ONE** of the following):

☒	Certificated Right	79749 Certificate Number	21281 Permit Number or Decree Name
☐	Adjudicated, Un-certificated Right	Name of Decree	Page Number
☐	Permit for which Proof has been Approved	Permit Number	Special Order Volume ____, Page ____
☐	Transferred Right for which Proof has been Filed	Previous Certificate / Transfer Number	Date Claim of Beneficial Use Submitted

County: Douglas

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.* A trailer mounted diesel engine driven 25 Hp pump drew water from the Umpqua River via a 4-inch suction line. The pump delivered water through a 4-inch mainline to 4-inch lateral lines with 25 double sided sprinklers at 8 to 9 gpm per head from April through the end of October.

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.*)

PRE-PROJECT DESCRIPTION										
			Column A Water Right of Record				Column B System Capacity			
			Rate		Duty		Rate		Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC
79749	4/2/1952	72	0.80	0.011	180	2.50	1.26	0.017	180	2.50
Totals		72	0.80	0.011	180	2.50	1.26	0.017	180	2.50

Note: *1 miner's inch = 1/40 cfs; 1 cfs = 448.8 gpm 1 cfs = 1.983471 ac-ft/day*

CONSERVATION MEASURES:

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

☒ On-Farm efficiency project

☐ Distribution project, such as a ditch piping or lining project

☐ Other: _____

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 changes include the use a 10 Hp diesel engine operated centrifugal pump at the record POD at 53700 to supply water via 3-inch mainline and 2-inch lateral lines along each block. Each row of the block has a ¾ inch drip line with 1 gph drip emitters, at approximately 1,000 emitters per acre supplying water to certificated lands 79749 and 53700.

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."

Twp		Rng		Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acres	Type of Use listed On Certificate	Priority Date
2	S	9	E	15	NE	NW	153.0	100		EXAMPLE	1/1/1865
25	S	7	W	25	SE	NE	201	37	15.4	Irrigation	4/2/1952
25	S	7	W	25	NE	SE	201	37	0.9	Irrigation	4/2/1952
25	S	7	W	25	NE	NE	201	37	0.8	Irrigation	4/2/1952
25	S	6	W	30	NW	NW	201	37	13.0	Irrigation	4/2/1952
25	S	6	W	30	SW	NW	201	37	30.9	Irrigation	4/2/1952
25	S	6	W	30	SE	NW	201	37	11.0	Irrigation	4/2/1952
								Total	72.0		

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: _____

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.)*

Conserved Water Description											
	Column A				Column B				Column C		
	Table 1 – Smaller of A or B				Needed				Conserved Water		
	Rate		Duty		Rate		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
4/2/52	0.80	0.011	180	2.50	0.40	0.006	90	1.25	0.40	90	1.25
Totals	0.80	0.011	180	2.50	0.40	0.006	90	1.25	0.40	90	1.25

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).

Conserved Water Allocation								
Column A			Column B			Column C		
State's Portion			Applicant's Portion			Conserved Water		
Percentage*	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)
25%	0.10	22.5	75%	0.30	67.5	100%	0.40	90

* *must be at least 25%*

The priority for the conserved water is requested to be:

☒ The same as the original right, or

☐ One minute junior to the original right.

Part 3 of 4 – Water Right Information and Conservation Measures

Please use a separate Part 3 for **each** water right involved in the proposed allocation of conserved water.

WATER RIGHT INFORMATION:

Water Right Subject to Transfer (check and complete **ONE** of the following):

☒	Certificated Right	53700 Certificate Number	39014 Permit Number or Decree Name
☐	Adjudicated, Un-certificated Right	Name of Decree	Page Number
☐	Permit for which Proof has been Approved	Permit Number	Special Order Volume ____, Page ____
☐	Transferred Right for which Proof has been Filed	Previous Certificate / Transfer Number	Date Claim of Beneficial Use Submitted

County: Douglas

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.* A trailer mounted diesel engine driven 40 Hp pump drew water from the Umpqua River via a 8-inch suction line. The pump delivered water through a 8-inch mainline to 6-inch lateral lines with 25 double sided sprinklers at 8 to 9 gpm per head from April through the end of October.

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.*)

PRE-PROJECT DESCRIPTION										
			Column A Water Right of Record				Column B System Capacity			
			Rate		Duty		Rate		Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC
53700	3/29/1974	77.1	0.96	0.012	192.75	2.50	2.01	0.026	192.75	2.50
Totals		77.1	0.96	0.012	192.75	2.50	2.01	0.026	192.75	2.50

Note: *1 miner's inch = 1/40 cfs; 1 cfs = 448.8 gpm 1 cfs = 1.983471 ac-ft/day*

CONSERVATION MEASURES:

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

☒ On-Farm efficiency project

☐ Distribution project, such as a ditch piping or lining project

☐ Other: _____

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 changes include the use a 10 Hp diesel engine operated centrifugal pump at the record POD at 53700 to supply water via 3-inch mainline and 2-inch lateral lines along each block. Each row of the block has a ¾ inch drip line with 1 gph drip emitters, at approximately 1,000 emitters per acre supplying water to certificated lands 79749 and 53700.

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."

Twp		Rng		Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acres	Type of Use listed On Certificate	Priority Date
2	S	9	E	15	NE	NW	153.0	100		EXAMPLE	1/1/1865
25	S	6	W	30	NW	NW	200	49	7.9	Irrigation	3/29/1974
25	S	7	W	25	NE	NE	200	37	38.8	Irrigation	3/29/1974
25	S	7	W	25	NW	NE	200	37	25.0	Irrigation	3/29/1974
25	S	7	W	25	SW	NE	200	37	1.2	Irrigation	3/29/1974
25	S	7	W	25	SE	NE	200	37	4.1	Irrigation	3/29/1974
25	S	7	W	25	NE	NW	200	37	0.1	Irrigation	3/29/1974
								Total	77.1		

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:

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.)*

Conserved Water Description											
	Column A				Column B				Column C		
	Table 1 – Smaller of A or B				Needed				Conserved Water		
	Rate		Duty		Rate		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
3/29/74	0.96	0.012	192.75	2.50	0.48	0.006	96.38	1.25	0.48	96.38	1.25
Totals	0.96	0.012	192.75	2.50	0.48	0.006	96.38	1.25	0.48	96.38	1.25

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).

Conserved Water Allocation								
Column A			Column B			Column C		
State's Portion			Applicant's Portion			Conserved Water		
Percentage*	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)
25%	0.12	24.09	75%	0.36	72.28	100%	0.48	96.38

* *must be at least 25%*

The priority for the conserved water is requested to be:

☒ The same as the original right, or

☐ One minute junior to the original right.

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

MITIGATION:

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. No effects on other water rights should occur in using less water. The proposed conserved shall remain in-stream under the protection of the state until the applicant's portion of conserved water is proposed to be used out-of-stream for irrigation. The state's portion of the conserved water is proposed to create an Instream water right.

Describe any mitigation or other measures that are planned to avoid harm to other water rights. No mitigation measures will be required.

PROPOSED USE:

☒ ☐ N/A For new out-of-stream uses, describe the 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. The proposed place of use for conserved water is located in the South ½ of Section 19 and North ½ of Section 30, T25S, R6W, W.M. Conserved water will be used for vineyard irrigation.

☒ For instream uses to be created:

Originating Water Right (as identified in Part 3)	Priority Date	Source	Proposed Instream Period	Rate (cfs)*	Volume (ac-ft)**
79749	4-2-1952	Umpqua River	Mar. 1 to Oct. 31	0.10	22.50
53700	3-29-1974	Umpqua River	Mar. 1 to Oct. 31	0.12	24.09
				TOTAL VOLUME	46.59

*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.

Note: The instream rate may not exceed the maximum rate conserved and the total volume may not exceed to maximum volume or duty conserved (Table 3, Column C)

Location of the proposed instream water right.

☒ Water is requested to be protected within a reach. Location of the proposed reach (identify the extent of the reach): From respective PODs at RM 102 and 102.5 to head of tide at RM 27.2.

OR

☐ Water is requested to be protected at a point at the following location (i.e. legal description of the point of diversion (POD)) _____

Public Use for which conserved water right should be managed under an instream right (check at least one box):

☒ Conservation, maintenance and enhancement of aquatic and fish life, wildlife, fish and wildlife habitat, and other ecological values.

☐ Recreation.

☐ Pollution Abatement.

List any existing instream water rights at the same point or within the same requested reach(es):

☐ None.

☒ Instream Water Right Certificates: 59801, 59965, 81501

Is it your intent to have the proposed instream water right transfer be additive to any instream water right established under ORS 537.348 (instream transfer application process) and ORS 537.470 (allocation of conserved water) and replace a portion of any instream water right established under ORS 537.341 (state agency application process) and ORS 537.346 (conversion of minimum perennial streamflows) with an earlier priority date?

☒ Yes ☐ No. If no, please explain your intent below:

Is the requested instream flow intended to exceed the estimated average natural flow or natural lake level occurring from the drainage system?

☒ No; **OR**

☐ Yes (Provide supporting documentation that demonstrates why additional flows are significant for the public use requested.); **OR**

☐ 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 is in an ODFW flow restoration priority watershed during the requested instream period; **or**
- ☐ The stream is listed as water quality limited by DEQ.

PROJECT SCHEDULE:

☒ ☐ N/A For a project that has **not** been completed, please provide the dates on which the applicant intends to do the following:

Begin Construction	Complete Construction and File Notice of Completion	Request that Entire Conserved Water Allocation be Finalized
Date: June 2012	*Date: June 2020*	**Date: June 2025*

** Must be within 5 years from the date of filing the Notice of Completion.*

Note: If construction of the project has begun or has been completed, and if more than 25 percent of the project costs have been expended before submitting this application, you must submit evidence that you have attempted to identify and resolve the concerns of water right holders in the area, governmental entities or other organization who have asked to be consulted regarding the allocation of conserved water.

☐ ☒ 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.

Conservation Measures Were Implemented	Request that Entire Conserved Water Allocation be Finalized
*Date:	**Date:

** Must be within 5 years prior to the date of filing this application.*
*** Must be within 5 years from the date of filing this Application and Notice of Completion.*