

Application for a Permit to Use Surface Water



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

SALEM, OR

NAME SEE ATTACHMENT A FOR REID RANCH, LLC & SELTZER/JOHNSON TRUST		PHONE (HM) APR 24 2013	
PHONE (WK)	CELL 206 399 0684	SALEM, OR	
ADDRESS 1331 E LUDLOW RIDGE RD			
CITY PORT LUDLOW	STATE WA	ZIP 98635	E-MAIL * REIDIVIVA@GMAIL.COM

Organization Information

NAME REID RANCH LLC/SELTZER-JOHNSON TRUST		PHONE		FAX
ADDRESS 1331 E LUDLOW RIDGE RD		CELL		
CITY PORT LUDLOW	STATE WA	ZIP 98635	E-MAIL * REIDIVIVA@GMAIL.COM	

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME DAVID J REID		PHONE 360-437-9977		FAX
ADDRESS 1331 EAST LUDLOW RIDGE ROAD		CELL 206-399-0684		
CITY PORT LUDLOW	STATE WA	ZIP 98635	E-MAIL * REIDIVIVA@GMAIL.COM	

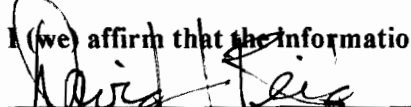
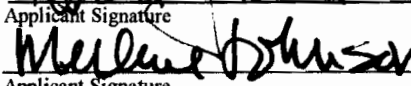
Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- The Department encourages all applicants to wait for a permit to be issued before beginning construction of any proposed diversion. Acceptance of this application does not guarantee a permit will be issued.
- If I begin construction prior to the issuance of a permit, I assume all risks associated with my actions.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

I (we) affirm that the information contained in this application is true and accurate.


Applicant Signature

Applicant Signature

DAVID J. REID, MGR
Print Name and title if applicable
Merlene Johnson
Print Name and title if applicable trustee

1.22.13
Date
21 April 13
Date

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SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used. **SALEM, OR**

☒ Yes☒ There are no encumbrances.☐ This land is encumbered by easements, rights of way, roads or other encumbrances.☐ No☐ I have a recorded easement or written authorization permitting access.☐ I do not currently have written authorization or easement permitting access.☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).☐ Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

None**SECTION 3: SOURCE OF WATER****A. Proposed Source of Water**

Provide the commonly used name of the water body from which water will be diverted, and the name of the stream or lake it flows into. If unnamed, say so:

Source 1: Reid Ranch House PondTributary to: Helm Creek

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Source 2: _____

Tributary to: _____

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Source 3: _____

Tributary to: _____

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Source 4: _____

Tributary to: _____

If any source listed above is stored water that is authorized under a water right permit, certificate, or decree, attach a copy of the document or list the document number (for decrees, list the volume, page and/or decree name).

B. Applications to Use Stored Water

Do you, or will you, own the reservoir(s) described in item 3A above?

☒ Yes. Re: Permit R-14969☐ No. (Please a copy of your written notification to the operator of the reservoir of your intent to file this application, which you should have already mailed or delivered to the operator.)

If *all* sources listed in item 3A are stored water, the Department will review your application using the expedited process provided in ORS 537.147, unless you check the box below. Please see the instruction booklet for more information.

☐ By checking this box, you are requesting that the Department process your application under the standard process outlined in ORS 537.150 and 537.153, rather than the expedited process provided by ORS 537.147. To file an application under the standard process, you must enclose the following:

- A copy of a signed non-expired contract or other agreement with the owner of the reservoir (if not you) to impound the volume of water you propose to use in this application.
- A copy of your written agreement with the party (if any) delivering the water from the reservoir to you.

SECTION 4: WATER USE

Provide the amount of water you propose to use from each source, for each use, in cubic feet-per-second (cfs) or gallons-per-minute (gpm). If the proposed use is from storage, provide the amount in acre-feet (af):
(1 cfs equals 448.8 gpm. 1 acre-foot equals 325,851 gallons or 43,560 cubic feet)

SOURCE	USE	PERIOD OF USE	AMOUNT
Reid Ranch House Pond	Vineyard Irrigation	May - September	< 50 ☐ cfs ☒ gpm ☐ af
" " " "	Lawn & Garden Irrigation	May - September	< 10 ☐ cfs ☒ gpm ☐ af
" " " "	Fire Suppression	June - September	~ 25 ☐ cfs ☒ gpm ☐ af
			☐ cfs ☐ gpm ☐ af

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated.

Primary: ~ 7 Acres Supplemental: ~ 3 Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 13.5

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____
- If the use is **mining**, describe what is being mined and the method(s) of extraction:

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SECTION 4: WATER USE CALCULATION

PRIMARY IRRIGATION

$$4 \text{ CETS @ } 12 \text{ HRS} = 48 \text{ HRS/SET}$$

$$48 \text{ HRS} \times 2 \text{ PER. WK} = 96 \text{ HRS/WK}$$

$$96 \text{ HRS} \times 60 \text{ MIN} = 5760 \text{ MIN}$$

$$5760 \text{ MIN @ } 35 \text{ GPM} = 201,600 \text{ G/WK}$$

$$\text{MID MAY} \rightarrow \text{MID OCT} = 18 \text{ WEEKS}$$

$$201,600 \text{ G} \times 18 \text{ WK} = 3,628,800 \text{ GAL}$$

$$3,628,800 \text{ G} \div 325,351 \text{ G/AF} = \boxed{11.1 \text{ A.F.}}$$

SUPPLEMENTAL IRRIGATION

$$1 \text{ LALB @ } 30 \text{ GPM} = 30 \text{ GPM}$$

$$30 \text{ GPM} \times 60 \text{ MIN} = 1800 \text{ GPH}$$

$$1800 \text{ GPH} \times 24 \text{ HRS/WK} = 43,200 \text{ GAL}$$

$$43,200 \text{ G} \times 18 \text{ WKS} = 777,600 \text{ GAL}$$

$$777,600 \text{ G} \div 325,351 \text{ G/AF} = \boxed{2.4 \text{ A.F.}}$$

TOTAL WATER USE:

13.5 AC. FT.

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SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your source?

☒ Pump (give horsepower and type): See Attachment B

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

See Attachment B

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

See Attachment C

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to public uses of affected surface waters.

See Attachment D

SECTION 6: RESOURCE PROTECTION : SEE ATTACHMENT D

In granting permission to use water from a stream or lake, the state encourages, and in some instances requires, careful control of activities that may affect the waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

- ☐ Diversion will be screened to prevent uptake of fish and other aquatic life.
Describe planned actions: The pond has no fish
- ☐ Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Describe planned actions: No riparian issues exist around the pond
- ☐ Operating equipment in a water body will be managed and timed to prevent damage to aquatic life.
Describe: Equipment is in place and will not effect aquatic life
- ☐ Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: See attachment D

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SECTION 7: PROJECT SCHEDULE

Date construction will begin: See Remarks Below

Date construction will be completed: Construction For Additional Phases of Vineyard are yet to be determined

Date beneficial water use will begin: Ongoing

SECTION 8: WITHIN A DISTRICT

☐ Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 9: REMARKS

Use this space to clarify any information you have provided in the application.

Construction Schedule:

Pond Constructed in 1961
Vineyard Irrigation in place 2000
Fire Suppression since 1961
Lawn Irrigation since 1907

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Permit to use surface water

Applicants:

Seltzer/Johnson Trust
1921 Lion Place
Wenatchee, WA 98801
Merlene Seltzer, Trustee
509-662-0178
merlenes@me.com

Reid Ranch, LLC
1331 East Ludlow Ridge Road
Port Ludlow, WA 98635
David Reid, Manager
360-437-9977
reidiviva@gmail.com

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S-67885

Permit to use surface water

Description of the design and operation of the proposed diversion:

Design:

The impoundment is at the outlets of several of the Helm Springs in Sherman County, Oregon. The impoundment consists of an excavated basin with the excavated material forming an earthen dam above the level of the excavation. The dam has a 4" PVC pipe that drains overflow water above 4' in depth during the season of use and also serves as a bypass when the pond level is lowered to the drain level outside of seasonal use.

Conveyance:

The water is conveyed by three electric pumps:

- 1 horsepower pump that provides water for irrigation of the ranch house lawn and garden areas
- 2 horsepower pump that provides water for fire suppression in the event of a wildfire from the northwest in Helm Canyon
- 5 horsepower pump that provides intermittent drip irrigation to a 6.8 acre vineyard on the hillside northeast of the pond

All of the uses of the pond are seasonal – generally from mid May to mid September

Historically the seasonal use ran from April through September when the crop irrigation was for Alfalfa on 3.1 acres of land northwest of the ranch house. This irrigation was with sprinklers beginning in 1961. The water requirements of the vineyard, while in a different location are less than that required by the alfalfa in past years.

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S-87873

Permit to use surface water

Application Method

Lawn and Garden:

Application of the water in this area around the ranch house is with sprinklers attached to garden hoses and sprinklers.

This system is low pressure, high volume serviced from a pressure tank and underground piping to hose bibs

Fire Suppression:

Application of the water for this use is through 2" hand lines with 5 gallon per minute sprinkler heads

This system is low pressure, high volume serviced directly from the pump

Vineyard:

Application of the water in the vineyard is through underground 2" PVC pipes that are connected to half inch drip lines with ½ gallon per hour, pressure compensation emitters. The vineyard is subdivided into approximately two acre blocks that are irrigated sequentially for timed intervals

This system is high pressure, low volume serviced from the pump to valves in the vineyard

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5-07873

Permit to use surface water

Conservation

Lawn and garden:

Water for this use is applied intermittently as need with control by the resident of the ranch house

Fire suppression:

This system is used occasionally in the summer to provide a green belt to the northwest of the ranch house and other buildings. Dangerous wildfires come from this direction periodically and the water would be used continuously during the approach of a wildfire

Vineyard:

This system uses low volume drip irrigation from June through September at the rate of 35 gallons per minute. Each ~2 acre block in the vineyard receives water in 12 hours sets once or twice a week as per the needs of the plants and the ambient air temperature. There is no run off or erosion from this system and covering vegetation is growing between the rows of vines to stabilize the ground in the event of a water leak.

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S-87893

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant: DAVID REID
First Last

Mailing Address: 1331 E LUDLOW RIDGE RD

PORT LUDLOW WA 98365 Daytime Phone: 206 399 0684
City State Zip

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
3N	17E	35	NESW	2000	Exclusive Farm Use - F1	☐ Diverted	☐ Conveyed	☒ Used	FARMING
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

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B. Description of Proposed Use

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Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☒ Reservoir/Pond ☐ Ground Water ☒ Surface Water (name) HELM SPRINGS

Estimated quantity of water needed: 60 ☐ cubic feet per second ☒ gallons per minute ☐ acre-feet

Intended use of water: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for household(s)
☐ Municipal ☐ Quasi-Municipal ☐ Instream ☒ Other FIRE SUPPRESSION

Briefly describe:

PRIMARY IRRIGATION (VINEYARD) ~ 7 ACRES
 SECONDARY IRRIGATION (ALFALFA & YARD) ~ 3 ACRES

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): Art. 3 - Section 3.12(a).

☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
<u>Permitted use</u>	<u>Art. 3 - Section 3.12(a)</u>	☒ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
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SALEM, OR	SALEM, OR	☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

The proposal is a permitted use in the Exclusive farm use Zone-F-1.

No issues.

Name: Georgia L. Macnab Title: Planning Director

Signature: Georgia L. Macnab Phone: 541-565-3601 Date: 1-29-13

Government Entity: Sherman County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: David Reid

City or County: Sherman County Staff contact: Georgia Macnab

Signature: Georgia L. Macnab Phone: 541-565-3601 Date: 1-29-13

STATE OF OREGON

COUNTY OF SHERMAN

PERMIT TO STORE PUBLIC WATERS

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THIS PERMIT IS HEREBY ISSUED TO:

APR 24 2013

REID RANCH, LLC
1331 EAST LUDLOW RIDGE ROAD
PORT LUDLOW, WA 98635

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SELTZER/JOHNSON TRUST
MERLENE SELTZER, TRUSTEE
1921 LION PLACE
WENATCHEE, WA 98801

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SALEM, OR

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: R-87779

SOURCE OF WATER: HELM SPRINGS, TRIBUTARY TO HELM CANYON

STORAGE FACILITY: REID RANCH HOUSE POND

MAXIMUM VOLUME: 1.1 ACRE FEET

DATE OF PRIORITY: JANUARY 18, 2012

WATER MAY BE APPROPRIATED AS FOLLOWS: OCTOBER 1 THROUGH MAY 31

USE: MULTIPLE PURPOSE

Dam Location/Authorized Point of Diversion:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	17 E	WM	35	NE SW	1450 FEET NORTH AND 1800 FEET EAST FROM SW CORNER, SECTION 35

The Area To Be Submerged:

Twp	Rng	Mer	Sec	Q-Q
3 N	17 E	WM	35	NE SW

Measurement, recording and reporting conditions:

A. The Director may require the permittee to install a staff gage that measures the entire range and stage between full reservoir level and dead pool level in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I.

B. If the Director notifies the permittee to install a staff gage, or other suitable measuring device, the permittee shall install such devices within the period stated in the notice. Such installation period shall not be less than 90 days unless special circumstances warrant a shorter installation period. Once installed, the permittee shall maintain the devices in good working order and shall allow the watermaster access to the devices.

S-87883