

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14303

GW Reviewer Grayson Fish Date Review Completed: 11/1/2023

Summary of Same Source Review:

The proposed change in point of appropriation is not within the same aquifer as per OAR 690-380-2110(2).

Summary of Injury Review:

The proposed transfer will result in another, existing water right not receiving previously available water to which it is legally entitled or result in significant interference with a surface water source as per 690-380-0100(3).

Summary of GW-SW Transfer Similarity Review:

The proposed SW-GW transfer doesn't meet the definition of "similarly" as per OAR 690-380-2130.

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations.



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1271
 (503) 986-0900
 www.wrd.state.or.us

Ground Water Review Form:

- Water Right Transfer**
- Permit Amendment**
- GR Modification**
- Other**

Application: T-14303

Applicant Name: Deming Ranch Land and Cattle, LLC

Proposed Changes: POA APOA SW→GW RA
 USE POU OTHER

Reviewer(s): Grayson Fish

Date of Review: 11/1/2023

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 6/4/25

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

- The water well reports provided with the application do not correspond to the water rights affected by the transfer.
- The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.
- Other _____

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1. Basic description of the changes proposed in this transfer: The applicant proposes to transfer POU and POA for 71.2 acres associated with **Certificate 91239** from authorized **POA #1 (KLAM 2145)** to proposed **POA #2 (KLAM 2142)**. **KLAM 2142** is an authorized POA for **Certificate 83235**.
 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: Both the authorized **POA #1 (KLAM 2145)** and proposed **POA #2 (KLAM 2142)** develop water from the aquifer hosted in the volcanic rocks (“basalts”) of the **Early Winema Volcanic Field (Sherrod and Pickthorn, 1992)**. The wells exhibited similar groundwater elevations (within 5 feet) when measured on **October 28, 2015 (OWRD GWIS)**.
 3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
 Yes No Well logs of **KLAM 2145** and **KLAM 2142** do not indicate the presence of other non-volcanic rock aquifer sources.
 b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): N/A

4. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?
 Yes No Comments: The are no senior groundwater POA located within 1 mile of proposed POA #2. The change proposed by this transfer is not expected to result in an increase in interference with another ground water right.
- b) If yes, would this proposed change, at its maximum allowed rate of use, likely result in another groundwater right not receiving the water to which it is legally entitled?
 Yes No If yes, explain: N/A
5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?
 Yes No Comments: The closest point of assumed hydraulic connection based on groundwater-surface water elevation to authorized POA #1 is the South Fork Sprague River located ~1.5 miles to the west-southwest. Proposed POA #2 is located ~2 miles from that same point of assumed hydraulic connection. Given the increase in distance from the assumed point of hydraulic connection, it is unlikely that the proposed change would lead to an increase in interference with the South Fork Sprague River.
- b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change?
Stream: _____ Minimal Significant
Stream: _____ Minimal Significant
Provide context for minimal/significant impact: _____
6. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?
 Yes No Comments: _____
7. What conditions or other changes in the application are necessary to address any potential issues identified above: _____
8. Any additional comments: _____

References: Sherrod, D.R., Pickthorn, and L.B.G., 1992, Geologic map of the west half of the Klamath Falls 1 by 2 degree quadrangle, south-central Oregon: Reston, Va., U.S. Geological Survey Miscellaneous Investigations Map I-2182, scale 1:250,000.

Oregon Water Resources Department. Groundwater Information System.

https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/Default.aspx. Accessed 11/1/2023

