

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 13761

GW Reviewer Joe Kemper Date Review Completed: 9/26/2023

## 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.*



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## Ground Water Review Form:

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

Application: T-13761

Applicant Name: Laird and Pamela Goodman

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

Reviewer(s): Joe Kemper

Date of Review: 9/26/2023

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 6/21/24

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 \_\_\_\_\_

- 
1. Basic description of the changes proposed in this transfer: Originating certificate 64989 authorizes 6 acres of irrigation at 0.075 cfs from DESC 5252. The current valid POA, DESC 5252 is on a shared well agreement with an adjacent landowner and does not meet current irrigation needs. The transfer proposes to add DESC 61726 as an APOA to certificate 64989.
  2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: DESC 5252 (455-ft deep) accesses the Deschutes regional groundwater system, specifically the recent Cascades Quaternary volcanics just west of Bend near the principle recharge zone. DESC 61726 (470-ft deep) is located approximately 1450 feet from DESC 5252 and also accesses the Deschutes regional groundwater system.
  3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?  
 Yes     No NA  
 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.): NA
  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 proposed change will move groundwater production slightly closer to adjacent groundwater users. This will increase well-to-well interference.

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: Considering the considerable depth, storage, and permeability of the target aquifer along with the relative distance to adjacent groundwater users to the north, it is unlikely that any increased well-to-well interference would be significant enough to meet the current definitions of injury.

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 target aquifer does not start contributing groundwater flow to the streams until near the Lower Bridge area about XX miles to the north. Additionally, the APOA would move groundwater production further from that discharge area. The proposed change would have a negligible impact on surface water interference.

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: NA

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: NA

7. What conditions or other changes in the application are necessary to address any potential issues identified above: NA

8. Any additional comments: NA

# Transfer Map

