

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 14129

GW Reviewer Phillip I. Marcy Date Review Completed: 12/08/2023

## 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-14129

Applicant Name: Robert and Arlene Bryson

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

Reviewer(s): Phillip I. Marcy

Date of Review: 12/08/2023

Date Reviewed by GW Mgr. and Returned to WRSD: 12/08/2023 - JTI

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: The applicant proposes to use existing well LANE 6159 to irrigate the authorized place of use under groundwater registration GR-1009 (Certificate GR-975).
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: The authorized POA (LANE 6172) and the proposed POA (LANE 6159) produce from shallow sand and gravel deposits.
3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?  
 Yes     No \_\_\_\_\_  
 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 POA well is already authorized under Certificate 46783 with an authorized maximum rate of 0.25 cfs. The proposed changes would add an additional 0.5347 cfs, for a total maximum rate of 0.7847 cfs. The proposed POA is 800' from nearby right GR-1008, versus 1,280' from the currently authorized POA well.  
 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: Due to the high storage values of the unconfined sand and gravel aquifer here, the proposed increase in use at LANE 6159 is not anticipated to significantly increase interference at the nearest neighboring right.
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 proposed POA location moves impacts of pumping appreciably closer to the Willamette River and an unnamed intermittent tributary to the Willamette River (2,300' versus 3,000').
- 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: Willamette River  Minimal  Significant
- Stream: Unnamed Trib. to Will. R.  Minimal  Significant
- Provide context for minimal/significant impact: The difference in interference to the Willamette River at the locations involved is a minor difference in timing of impacts, considering the high transmissivity of the aquifer. The greatest influence on flows in the intermittent tributary to the Willamette is the regional water table that is dominated by the recharge boundary that the Willamette River represents.
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: \_\_\_\_\_
8. Any additional comments: \_\_\_\_\_

