

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 13294

GW Reviewer Phil Marcy Date Review Completed: 04/13/2020

## Summary of Enlargement (Same Source) Review:

The proposed transfer fails to keep the original place of use from receiving water from the same source.

## 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.

## Summary of 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-13294

Applicant Name: Oregon Department of Corrections

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

Reviewer(s): Phillip I. Marcy

Date of Review: 04/13/2020

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 4/15/2020

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 modify character of use, place of use, and authorized point(s) of appropriation on claim GR-691 from well MARI 9609 to three new wells. There are 5 proposed locations for new POAs, but only three will be constructed. The currently authorized use under GR-691 is domestic, and the applicant wishes to use the proposed POAs for irrigation of 35.7 acres.
  2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: The proposed POA wells are slated to produce from alluvium from 50-120' below land surface (BLS). The existing authorized POA well penetrates basalt, but is constructed to produce from sands and gravels above 100' BLS. There is no information regarding seal depth or existence on the well log, and measured water level within the well suggests it is coincident with both alluvial and basalt wells nearby (see attached hydrograph). Considering available water level data in the area, there is no distinctive, consistent difference in heads between the alluvial system, and the upper portions of the Grande Ronde basalt sequence, suggesting that these units are well connected hydraulically.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?  
 Yes  No Authorized POA (MARI 9609) produces groundwater from alluvium.
- 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 locations are not significantly closer to any neighboring groundwater 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: NA
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 locations are not significantly closer to any surface water source.
- 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: NA  Minimal  Significant  
Stream: NA  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: NA
7. What conditions or other changes in the application are necessary to address any potential issues identified above: All POA wells are proposed to produce groundwater from alluvium, and if this transfer is approved, it shall be conditioned to ensure that when additional wells are constructed, they shall not produce from basalt.
8. Any additional comments: \_\_\_\_\_





