

Groundwater Transfer Review Summary Form

Transfer/PA # T- 13928

GW Reviewer J. Hackett Date Review Completed: September 2, 2022

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-13928

Applicant Name: Port of Morrow

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

Reviewer(s): J. Hackett

Date of Review: September 2, 2022

Date Reviewed by GW Mgr. and Returned to WRSD: _____

JTI 10/7/22

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: This application proposes adding eight APOAs (Proposed Wells A1, A2, B1, B2, C1, C2, D1, and D2) and changing the POU to groundwater right certificate 68545.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: MORR 752 (Port Well), is 685 feet deep and produces from water-bearing zones (WBZs) in the Columbia River Basalt Group (CRBG) aquifer system. Specifically, the well is open to WBZs in the Umatilla Member of the Saddle Mountains Formation and the Priest Rapids Member of the Wanapum Formation.

Proposed construction for Wells A1, A2, B1, B2, C1, C2, D1, and D2 indicates they will target WBZs in either the Umatilla or Priest Rapids Member and will be sealed from land surface to within a few feet of the WBZs.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
 Yes No MORR 752 produces from a single source, and if constructed as proposed, so will the proposed wells.

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.): _____

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: Some of the proposed wells will be located closer to existing groundwater users in the Ordnance Basalt Critical Groundwater Area. However, they will be located on the opposite site of a geologic fault. The degree to which the fault impedes groundwater movement is uncertain, but wells producing from the same stratigraphic interval on opposite sides of it display differences in long-term water level trends and elevations. This suggests the fault is at least a partial boundary to groundwater flow.
- 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: _____
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: All POAs will be constructed similarly and will be located similar distances from nearby surface water sources, so interference is not expected to increase.
- 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: _____

Well Location Map

