

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14256

GW Reviewer Gabriela Ferreira / Dennis Orlowski Date Review Completed: September 12, 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-14256

Applicant Name: Grace Dinsdale

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

Reviewer(s): Gabriela Ferreira / Dennis Orlowski

Date of Review: September 12, 2023

Date Reviewed by GW Mgr. and Returned to WRSD: JTL6/4/25

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 _____

1. Basic description of the changes proposed in this transfer: Applicant proposes to modify locations of three authorized POAs and add one APOA under Permit G-17255 with a priority date of March 6, 2013. Permit G-17255 authorizes nursery use on 48.8 acres with a maximum rate of 0.6 cubic feet per second (cfs) by four POAs (Wells 2 through 5). Four POAs (Wells 1 through 4) were originally authorized by Permit G-17205 (now cancelled), which was then modified by Transfer T-11955 on June 22, 2016. T-11955 modified the locations of the POAs and added a POA (Well 5). Well 2 is the only POA already constructed and was drilled under WASH 72562 on March 22, 2014 and modified under WASH 79693 to clean out and redevelop the well.

This transfer would modify the locations of Wells 3 through 5 and add APOA Well 6.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The mapped depth to bedrock (Columbia River Basalt) is approximately 600 to 800 feet bls near the proposed POAs (Gannett and Caldwell, 1998). The proposed construction would be to a maximum total depth of 300 feet below land surface (bls). The currently authorized POAs will produce from the alluvial aquifer. The proposed APOA, Well 6, will also produce from the alluvial aquifer.
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.): 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 nearest known groundwater user was identified as WASH 72512, a 212-foot well that is used for irrigation. WASH 72512 is located approximately 500 feet southwest of the currently constructed POA, WASH 72562/79693 and 700 to 1,200 feet from the proposed new locations. Based on the increased intervening distance, an increase in interference is not anticipated based on the revised POA locations.

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: Not applicable.

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 nearest surface water source to the POAs is an unnamed stream west of the POAs. Although the proposed well numbers change, the locations for Wells 3, 4, and 5 are effectively the same as previously authorized locations. The only appreciable change is the addition of proposed APOA Well 6. The location of Well 6 is approximately 1,100 feet from the nearest surface water source, while the originally authorized location for Well 5 is approximately 430 feet from the nearest surface water source. Based on the reduced intervening distance, an increase in interference with the nearest surface water source is not expected.

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

Provide context for minimal/significant impact: Not applicable

5. 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?

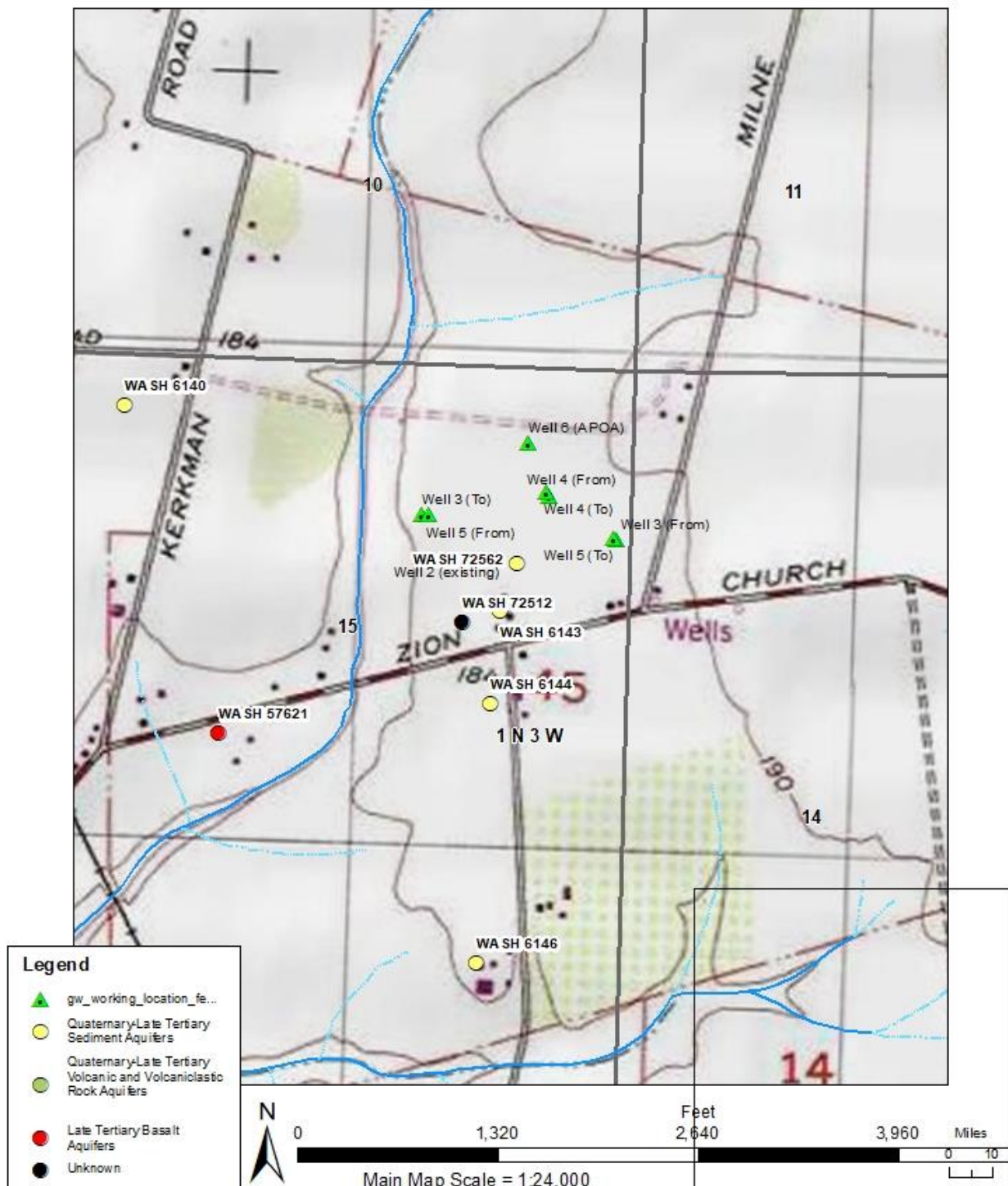
☐ Yes ☐ No Comments: Not applicable.

6. What conditions or other changes in the application are necessary to address any potential issues identified above: None

7. Any additional comments: None

References:

Gannett, M.W. and Caldwell, R., 1998, Geologic framework of the Willamette Lowland aquifer system, Oregon and Washington, Professional Paper 1424-A, 32 p: U. S. Geological Survey, Reston, VA.

Location Map**T-14256 Dinsdale**

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