

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14568 (RA)

GW Reviewer Travis Brown Date Review Completed: 1/13/2025

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 Water Level Decline Condition Review:

☐ Water levels at the original point(s) of appropriation have exceeded the allowed decline threshold defined by conditions in the originating water right.

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-14568

Applicant Name: Paul and Susan Fobert

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

Reviewer(s): Travis Brown

Date of Review: 1/13/2025

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 2/4/25

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 amend Permit G-18903 to add an APOA – Well A (MARI 774). Permit G-18903 currently authorizes Supplemental Irrigation of 29.2 acres at a maximum rate of 0.16 cfs from a single authorized POA – Well H (not constructed). Permit G-18903 is the result of a previous, approved transfer, T-13915, which removed a second authorized POA – Well G (not constructed) – from Permit G-18538. Both the authorized POA – Well H (not constructed) – and the proposed APOA – Well A (MARI 774) – are also authorized POA on Permits G-875 and G-1170 per Inchoate Transfer T-13384. Per Inchoate Transfer T-13384, Well A (MARI 774) is authorized for Irrigation of 24.0 acres at a maximum rate of 0.195 cfs associated with Permit G-875 and 66.7 acres at a maximum rate of 0.82 cfs associated with Permit G-1170. Therefore, the maximum combined rate for Well A (MARI 774) would be 1.175 cfs as a result of the this proposed transfer (T-14568).
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: Both the authorized POA and proposed APOA produce groundwater from the alluvial aquifer system.

3. a) Is the existing authorized POA subject to a water level decline condition?
☒ Yes ☐ No Comments: Permit G-18903 contains a water level decline condition.
- b) If yes, for each POA identify the reference level, most recent spring-high water level, and whether an applicable permit decline condition has been exceeded: Because the authorized POA Well H has not yet been constructed, an initial water level measurement for Well H has not been reported and, therefore, no reference level has been established.
4. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No Comments: The authorized POA produces groundwater only from the alluvial aquifer system.
- 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
5. 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: Neighboring well MARI 773 – authorized POA on Claim GR-1614 – is ~2,530 ft northwest of proposed APOA Well A (MARI 774) and ~4,206 ft northwest of authorized POA Well H. The closer proximity of Well A (MARI 774) will likely increase interference with MARI 773.
- 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: Given the intervening distance between proposed APOA Well A (MARI 774) and neighboring well MARI 773, as well as the relatively high storage and transmissivity of the alluvial aquifer system and the presumed efficient hydraulic connection with nearby surface water, the proposed change is unlikely to result in injury of MARI 773 or similarly located wells.
6. 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: Proposed APOA Well A (MARI 774) is ~1,000 ft south of a perennial unnamed tributary to the Pudding River, while the authorized POA Well H is ~2,630 ft south of the same unnamed tributary. Authorized POA Well H is also ~1,550 ft from the mainstem Pudding River (its nearest surface water source), meaning proposed APOA Well A (MARI 774) is closer to any surface water source than the authorized POA. The closer proximity to a surface water source will likely result in a seasonal increase in interference with surface water due to the proposed change. However, both the authorized POA and the proposed APOA will, over the long term, derive all of their pumped water from surface water capture.
- 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: Unnamed tributary to Pudding River ☐ Minimal ☒ Significant
Provide context for minimal/significant impact: The proposed APOA is less than ¼ mile from a surface water source (unnamed tributary to the Pudding River) to which it is hydraulically connected. The original groundwater review for Application G-18983 (which became Permit G-18538 and subsequently the subject Permit G-18903) found the Potential for Substantial Interference (PSI) between proposed Well G and the Pudding River due to that well being within ¼ mile of the Pudding River. The applicant then modified their

application by moving Well G (and lowering the requested rate) to avoid the finding of PSI. Because proposed APOA Well A is also within ¼ mile of a hydraulically connected surface water source, and therefore would have led to a finding of PSI were it included in the original water right application, the expected change in degree of interference with a surface water source (unnamed tributary to Pudding River) due to the proposed change is significant.

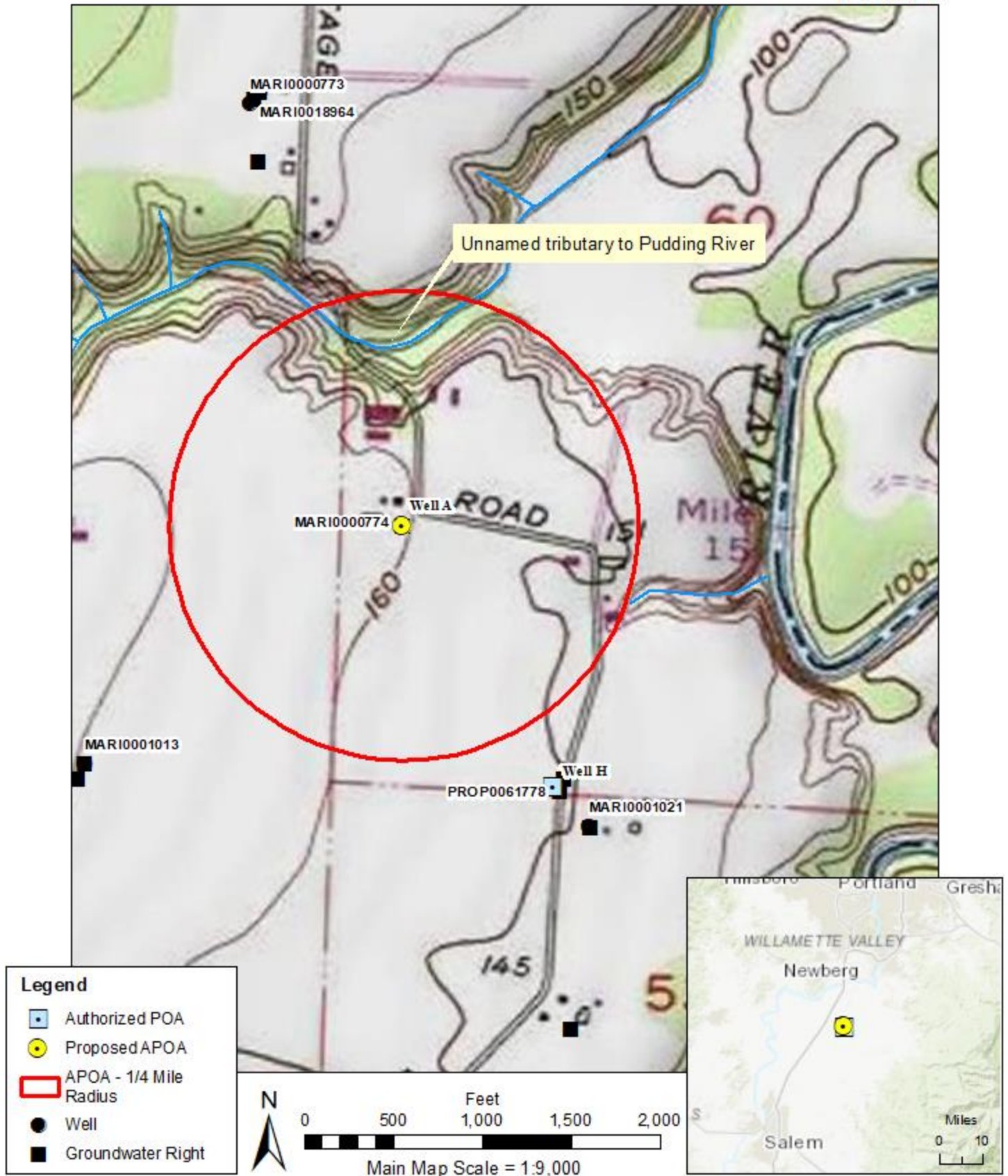
7. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?
☐ Yes ☐ No Comments: N/A
8. What conditions or other changes in the application are necessary to address any potential issues identified above: _____
9. Any additional comments: _____

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.

Well Location Map

T-14568



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