

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14575

GW Reviewer James Hootsmans Date Review Completed: 3/19/2025

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-14575

Applicant Name: Arita Volker

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

Reviewer(s): James Hootsmans

Date of Review: 3/19/2025

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 6/4/25

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: This proposed transfer pertains to two certificates, 46854 and 48426. The proposed changes on Certificate 46854 are the addition of one new surface water Point of Diversion (PODs), whereas the proposed changes for Certificate 48426 are the addition of two new groundwater Points of Appropriation (POA). The Place of Use – (POU) are lands that are also associated with other Certificates related to the applicant (Cert 53021, 38029, 42068, 53020).

This proposed transfer intends to irrigation pumping to APODs and APOAs (existing wells) as follows:

- Certificate 46854:
 - Authorized PODs: POD 1 and POD 2
 - Proposed APOD: POD 3
- Certificate 48426:
 - Authorized POA: BENT 6763 (Home Place Well)
 - Proposed APOAs: Bent 6759 (Proposed Well 1) and BENT 6760 (Proposed Well 2)

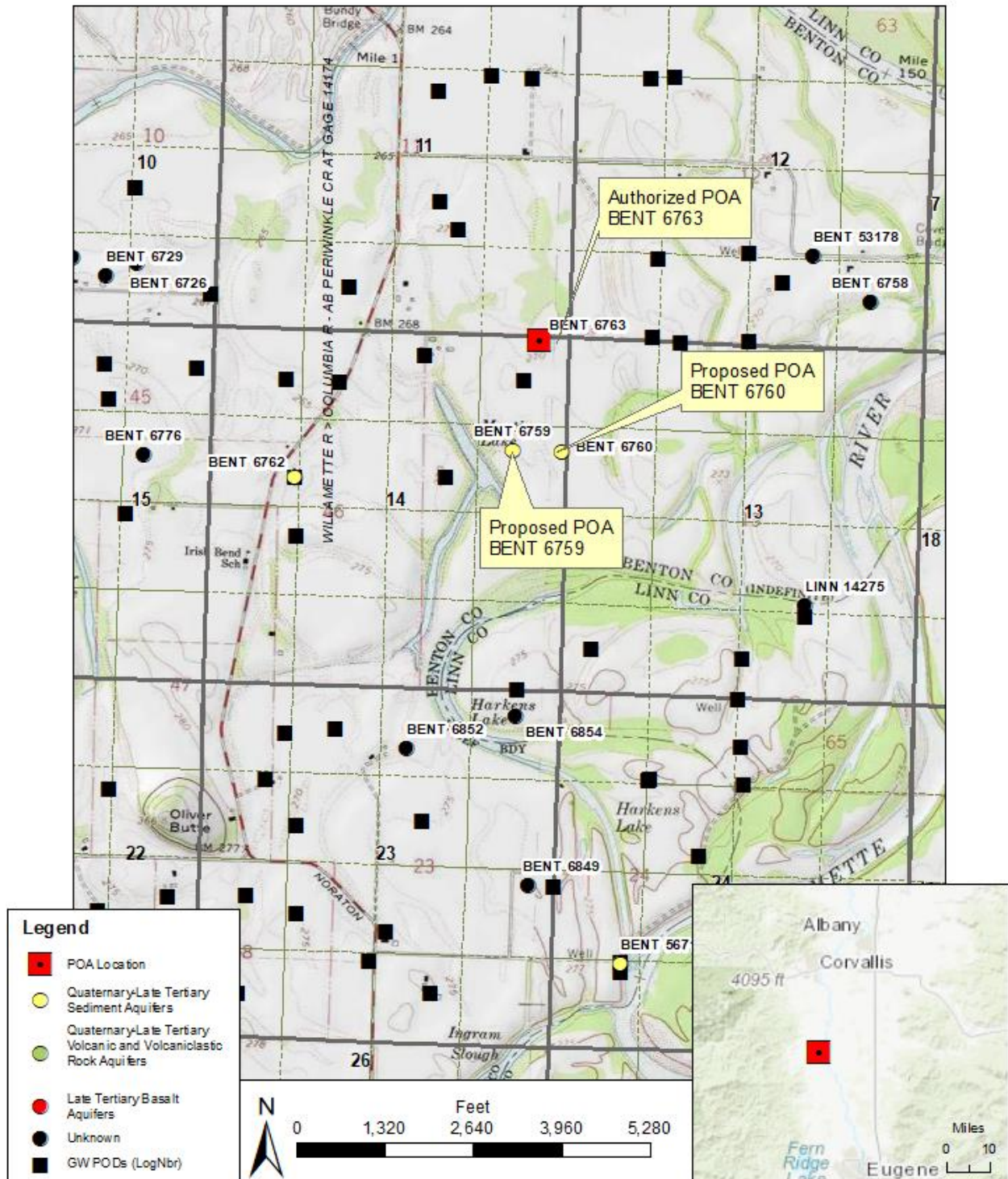
This technical review only addresses the GW-specific changes.

Certificate 48426 is for primary irrigation of 3.4 acres and supplemental irrigation of 179.2 acres from one POA (BENT 6763) with a maximum rate of 1.5 cfs. **Note in the transfer application the applicant indicates that the system capacity of 2.57 cfs, however the rate to be transferred shall be 1.5 cfs.**

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The existing POA (BENT 6763) and the proposed additional POA (BENT 6579 and 6760) are all completed in the shallow alluvial aquifer (sand and gravels).
3. a) Is the existing authorized POA subject to a water level decline condition?
☐ Yes ☒ No Comments: Certificate 48426 does not have any water level decline conditions.
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: _____
4. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No Comments: Both the authorized POA and the proposed POA all develop the alluvial sand and gravel groundwater source.
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.): _____
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: All POAs indicated on this application are similar distances to other groundwater POAs.
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: _____
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: Despite the proposed additional POAs being closer to Martins Lake, all the surface water bodies are part of the same Water Availability Basin (WAB), which is the Willamette R > Columbia R – AB Periwinkle CR at Gage 14174. Therefore, any potential shift of depletion from the Long Tom River to the Willamette River will not affect the overall surface water availability.
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: _____
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: _____

8. What conditions or other changes in the application are necessary to address any potential issues identified above: _____
9. Any additional comments: This applicant and associated family/partners are the owners of many of the surrounding surface water and groundwater right certificates. Therefore, any potential injury could be to themselves. In addition, water level data is scarce in the local vicinity of the POAs despite these certificates being active since the late 1970s. Based on the unconfined/semiconfined conditions and the numerous surface water bodies, it is likely that water levels in these wells are tracking with surface water body elevations.

T14575 Volker



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