

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14438

GW Reviewer Grayson Fish Date Review Completed: 5/13/2024

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-14438

Applicant Name: Bandon Biota LLC/Bandon Dunes Golf Resort

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

Reviewer(s): Grayson Fish

Date of Review: 5/13/2024

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 5/15/24

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: The applicant proposes to change the place of use, character of use, and add an additional point of appropriation to Certificate 86449. The two authorized POAs P-1 and P-2 are pumps placed into adjacent sumps S-2 and S-1, respectively. The APOA P-4 would be placed into sump S-1. It should be noted that the WRIS mapper shows both existing POAs placed in sump S-2, for the purpose of this review, it will be assumed that the POA locations provided by the applicant are correct as they match the paper map for Certificate 86449. The applicant proposes to increase the total number of acres irrigated under this right by converting the temperature control portion of the right to irrigation.

Additionally, the applicant proposes to change the place of use and character of use of supplemental Certificate 86448 from authorized surface water POA P-3. This portion of the transfer is not considered in this groundwater review.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: Proposed APOA P-4 will source groundwater from sump S-1, the current source of groundwater for authorized POA P-2. Both sumps S-1 and S-2 source water from quaternary marine terrace deposits (medium to coarse sands and gravels) that extend to approximately 40 -50 feet below land surface in the area.

Nearby observations wells COOS 50393 and COOS 50394 shows that depth to water is commonly 10 to 15 feet below land surface, indicating that groundwater could be accessed with a sufficiently deep excavation.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
 Yes No Only shallow groundwater for the quaternary marine terrace deposits is developed under this right.
- 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: Proposed APOA P-4 will pump water from sump S-1, the same location as authorized POA P-2. Sump S-1 does not appear to be an authorized POA for any water rights other than Certificate 86449 and 86448 (subject to this transfer). Given that no additional use should result from this transfer, it is unlikely that the changes proposed under this transfer will result in an increase in interference with another 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: _____
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: As stated above, APOA P-4 will pump water from sump S-1, the same location as authorized POA P-2. Given that no additional use should result from this transfer, it is unlikely that the changes proposed under this transfer will result in an increase in interference with another 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: _____ 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: N/A
7. What conditions or other changes in the application are necessary to address any potential issues identified above: _____
8. Any additional comments: The findings of this review assume that the total volume and rate of use will not increase under this transfer.

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