

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14138

GW Reviewer Phillip I. Marcy Date Review Completed: 12/11/2023

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-14138

Applicant Name: Andrey N. and Clavdia Kaya

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

Reviewer(s): Phillip I. Marcy

Date of Review: 12/11/2023

Date Reviewed by GW Mgr. and Returned to WRSD: 12/11/2023-JTI

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 _____

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1. Basic description of the changes proposed in this transfer: The applicant proposes to add one additional point of appropriation (APOA) well (MARI 620) to the existing right in order to irrigate a 4.3 acre portion of tax lot 400, which is closer to this well than the authorized POA (MARI 614).
 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: Both wells produce groundwater from sand and gravel horizons beneath a thick sequence of fine-grained sediments, including the Willamette Silt.
 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.): NA
 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 proposed APOA is not closer to any groundwater right than the authorized POA.

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: NA

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: Based on the smaller distance between the proposed APOA location and nearby Hoch Reservoir, fed by intermittent stream Ryan Creek, there may be increased interference with this 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: Hoch Reservoir Minimal Significant

Stream: _____ Minimal Significant

Provide context for minimal/significant impact: The change in impacts to any nearby surface water due to the proposed changes is primarily a matter of timing. Both POA and APOA wells produce from sand and gravel beneath a thick succession of silt/clay that is not incised by any local surface water source (167' in APOA well). Reduction in head elevation within the target aquifer may spread rather quickly horizontally but impacts to surface water will occur much more slowly due to limited conductivity in the vertical direction. Therefore, the modest change in distance to surface water is not anticipated to drastically alter the impacts to these waters.

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: NA

7. What conditions or other changes in the application are necessary to address any potential issues identified above: _____

8. Any additional comments: _____



