

Groundwater Transfer Review Summary Form

Transfer/PA # T- 13538

GW Reviewer M. Thoma

Date Review Completed: 11/18/2020

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-13538

Applicant Name: Oregon Water Utilities

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

Reviewer(s): M. Thoma

Date of Review: 11/18/2020

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 11/20/20

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

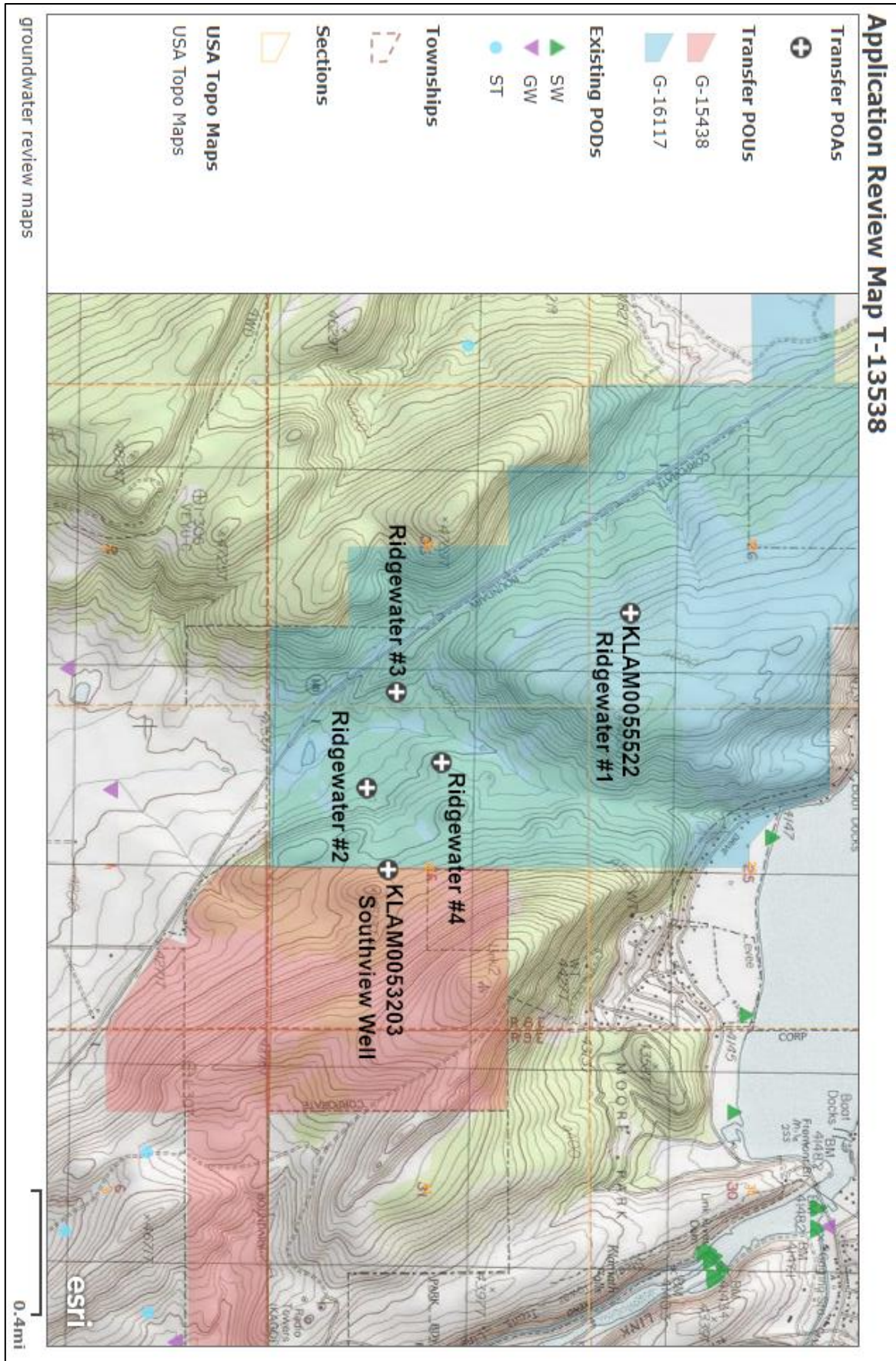
- The water well reports provided with the application do not correspond to the water rights affected by the transfer.
- The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.
- Other _____

1. Basic description of the changes proposed in this transfer: The applicant proposes to merge parts of permits G-15438 and G-16117 (both Quasi-Municipal Use), adding the one (1) POA (“Southview Well #1” – KLAM0053203) and full POU from G-15438 to G-16117 and adding four (4) of the authorized POAs (“Ridgewater Well #1” – KLAM0055522; “Ridgewater Well #2” – Not Drilled; “Ridgewater Well #3” – Not Drilled; “Ridgewater Well #4” – Not Drilled) and a portion of the POU from G-16117 to G-15438. The result of this transfer would be modification of G-15438 by adding four additional POAs and a portion of the POU from G-16117, and modification of G-16117 by adding one additional POA and the POU from G-15438.

The area covered by this transfer can be separated into two parts: a “North” hill and “South” hill. The POU for G-16117 covers both the North and the South hills while G-15438 covers only the South Hill. The PODs and portion of the POU of G-16117 that is proposed to be merged with G-15438 covers the South hill area only.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: Both existing wells (KLAM0053203 and KLAM0055522) are producing from the Tertiary basalt aquifer system underlying the area. The undrilled wells (“Ridgewater” Wells #2, #3, #4), with the proposed construction, would also be producing from the Tertiary basalt aquifer system. Additionally, water-level data is consistent among wells in the area (see figure below).

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.): _____
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 other groundwater right is almost 1 mile south of any of the POAs and given that the proposed transfer will not expand the pumping center of the existing rights (i.e., pumping impacts if the transfer is approved and POAs from both permits are "merged" will not be significantly different than pumping impacts under the current regime where the POAs are operating under two separate permits), any change in interference is likely to be minimal or insignificant.
- 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: The proposed change would not significantly alter distal pumping impacts from the current pumping regime under two separate permits (see comments in Item 4).
- 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 approval of this transfer would increase the POU for both permits; consideration of enlargement is beyond the scope of this review but will be evaluated by the Department.



Water Level Data from Area Wells

