

Groundwater Transfer Review Summary Form

Transfer/PA # T- 13391

GW Reviewer Aurora C Bouchier Date Review Completed: 6/19/2020

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-13391

Applicant Name: City of Redmond

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

Reviewer(s): Aurora C Bouchier

Date of Review: 6/19/2020

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 6/26/2020

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 application proposes adding two additional points of appropriation (Well 8 and Well 9) to water right Certificates 87796, 89448, 89447 and 89415.

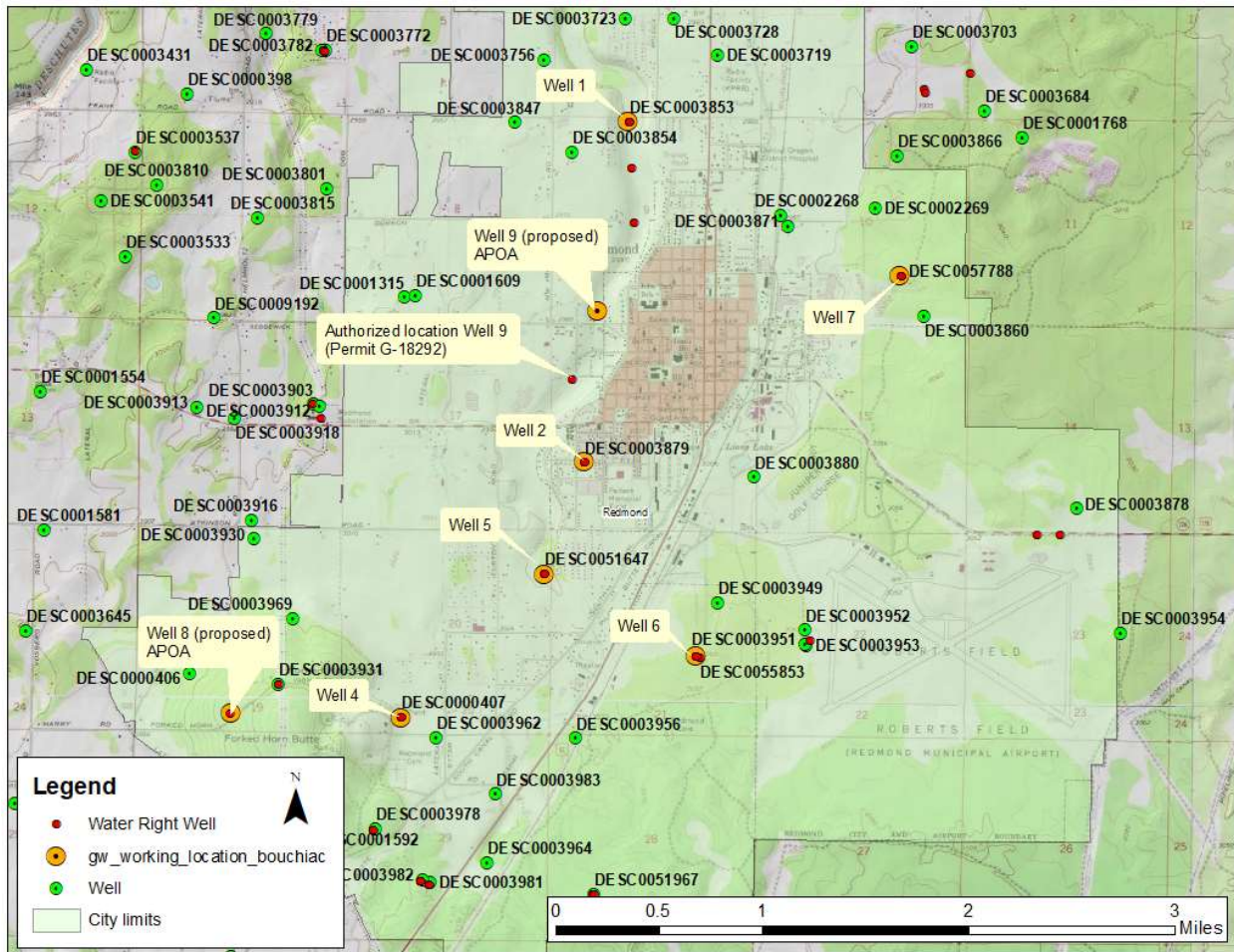
A recent transfer (T-13114, groundwater review dated 5/3/2019) amended the location of proposed Well 8 under application G-14908. The amended location was approved and Well 8, at the new location, is authorized under Permit G-18292. The location of Well 8 in this transfer (T-13391) matches the location in Permit G-18292. No amendments were made to the location for proposed Well 9 under transfer T-13114. **Please note, the authorized location for proposed Well 9 under Permit G-18292 does not match the proposed location for Well 9 under this transfer (T-13391).**

An additional transfer (T-13254, groundwater review dated 10/8/2019) proposed adding Well 8, at the amended location, to Certificates 87796, 89448, 89447 and 89415 (same as this current transfer). T-13254 was subsequently withdrawn.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: All wells in this transfer are producing from water-bearing zones in the Deschutes Formation within the Middle Deschutes River ZOI.

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: At the proposed location, Well 8 will be located approximately 1,430 feet from DESC 3931 which is authorized for use under permit G-15866. In addition, Well 8 is authorized for use under application G-14908/Permit G-18292.
- 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: _____
- 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: NA
7. What conditions or other changes in the application are necessary to address any potential issues identified above: _____
8. Any additional comments: The groundwater in this region of the Deschutes Basin has been declining since the 1990's with a reduced decline rate from approximately 1997 through 2002 following high precipitation years in the mid 1990's. Some of the basin wells which have long-term monitoring records have recently been abandoned or become un-measurable. Water-level measurements (required in Certificate 87796) should continue to be made on all wells – including the proposed APOAs.

Well Location Map



Water-Level Trend in Nearby Wells

