

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 14768

GW Reviewer Joe Kemper Date Review Completed: 12/17/2025

## **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-14768

Applicant Name: Desert Springs Ranch Limited Partnership

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

Reviewer(s): Joe Kemper

Date of Review: 12/17/2025

Date Reviewed by GW Mgr. and Returned to WRSD: \_\_\_\_\_

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: Certificate 92958 authorizes 30.4 acres of irrigation from one well (DESC 3273) at a maximum rate of 0.38 cfs (170 gpm). This transfer proposes to add an APOA located approximately 1.5 miles to the east.
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: DESC 3273 was originally 240 feet deep and was deepened to 400 feet in 2023. This well accesses the Deschutes regional aquifer hosted within the mixed volcanics, volcanogenic sediments, and alluvium of the Deschutes Formation. The APOA (PROP 768 in GWIS) has a proposed depth of 400 feet. It is located 1.5 miles east of DESC 3273. It would also access the Deschutes regional aquifer hosted within similar lithologies of the Deschutes Formation.
3. a) Is the existing authorized POA subject to a water level decline condition?  
 Yes     No    Comments: NA  
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: NA
4. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?  
 Yes     No    Comments: NA  
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

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: Adding an APOA will increase groundwater development in that area. The closest well to the APOA is DESC 3318 and is located 1680 feet to the north. The proposed changes may cause a low-magnitude increase in well-to-well interference.

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: Considering the aquifer's storage, permeability, and thickness, it is unlikely that any increase in well-to-well interference would result in drawdowns that would be considered substantial or undue interference.

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: The closest point of groundwater-surface connection between the target aquifer and a stream is the Lower Bridge area, where the regional aquifer begins discharging to the Deschutes River and springs immediately adjacent to it. The APOA is located 10.4 miles and the original well is 11.6 miles from this area. Moving groundwater production closer to that GW-SW connection would cause a low-magnitude, short-term increase in interference. Assuming that this transfer would not increase groundwater use, there would be no long-term increase in stream depletion.

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: Deschutes River  Minimal  Significant

Stream: \_\_\_\_\_  Minimal  Significant

Provide context for minimal/significant impact: As discussed above, the proposed change would cause a low-magnitude, short-term shift in the timing of stream depletion impacts to the Deschutes River, but no overall change in that stream depletion.

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?

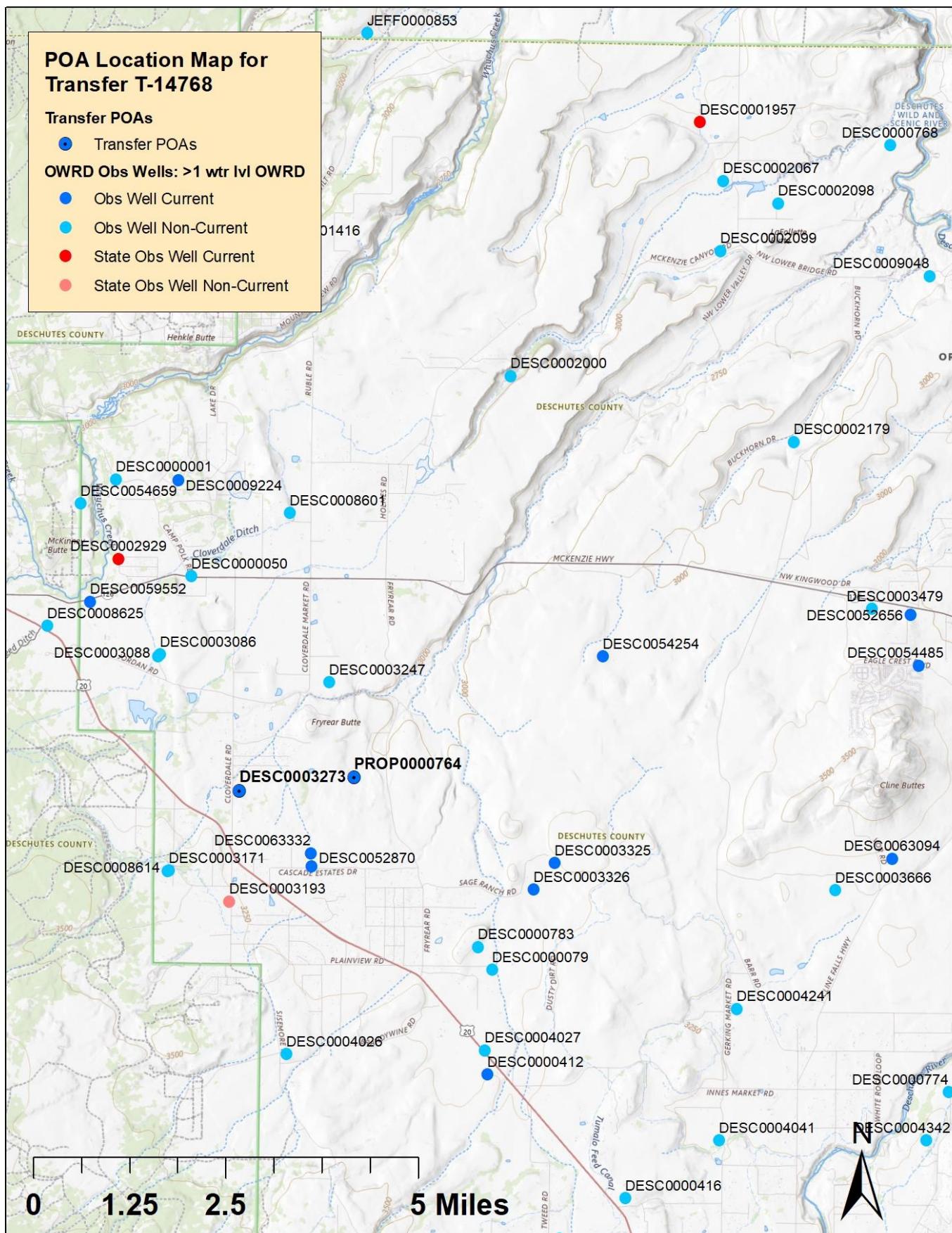
Yes  No Comments: NA

8. What conditions or other changes in the application are necessary to address any potential issues identified above: \_\_\_\_\_

9. Any additional comments: \_\_\_\_\_

POA #	POA Name	POA Status	OWRD LOGID	TRS	Legal Location
1	Well Sec 19	Authorized	DESC 3273	15S/11E-19 SW-SW	1200' N, 450' E fr SW cor Sec 19
2	Well Sec 20	Proposed	PROP 764	15S/11E-20 NE-SE	416' S, 465' E fr C1/4 Sec 20

## Transfer Map



## Groundwater Levels in Adjacent Wells

