

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14884

GW Reviewer Joe Kemper Date Review Completed: 7/6/2026

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.



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Ground Water Review Form:

- ☒ Water Right Transfer
☐ Permit Amendment
☐ GR Modification
☐ Other

Application: T-14884 Applicant Name: Black Butte Ranch Corp, Black Butte Ranch Assoc.

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

Reviewer(s): Joe Kemper

Date of Review: 7/6/2026

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 76002 authorizes 2.63 cfs (0.91 cfs for primary and supplemental irrigation, 1.65 cfs for group domestic, and 0.07 cfs for fish culture) all from DESC 1810 aka Well 3. This transfer requests an additional point of appropriation (designated here as PROP 859 aka Well 3B) to make up for the decline in production from DESC 1810.
 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: PROP 859 has a proposed location ~100 feet to the northwest of DESC 1810 and will be drilled to a similar depth. Both wells will access the Deschutes regional aquifer where it is hosted in glacial outwash sediments and underlying local lava flows from the Cascades.
 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: The nearest groundwater user is likely located more than mile away. The change in distance between the current Well 3 and proposed Well 3B will result in a negligible difference in well-to-well interference at such long distances.
- 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: See above
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: Deeper wells in this area have water level elevations between 3100 and 3080 feet AMSL. The nearest point of GW-SW interaction for this part of the target aquifer is the spring complex on the east side of McKinney Butte, located 6-8 miles to the east. The change in location of groundwater production (<100 feet) is very small compared to the point at which interference with these springs would occur. PROP 859 is slightly further than existing DESC 1810. The change in timing of stream depletion is negligible.
- 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: see comments above
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: NA
9. Any additional comments: NA

References Used:

Gannett, M. W., Lite Jr, K. E., Morgan, D. S., and Collins, C. A., 2001, Ground-Water Hydrology of the Upper Deschutes Basin, Oregon, USGS Water-Resources Investigations Report 00-4162, 74 p., <https://pubs.usgs.gov/wri/wri004162/pdf/WRIR004162.pdf>

Groundwater Information System (GWIS). Oregon Water Resources Department. https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_search.aspx Accessed 7/6/2026

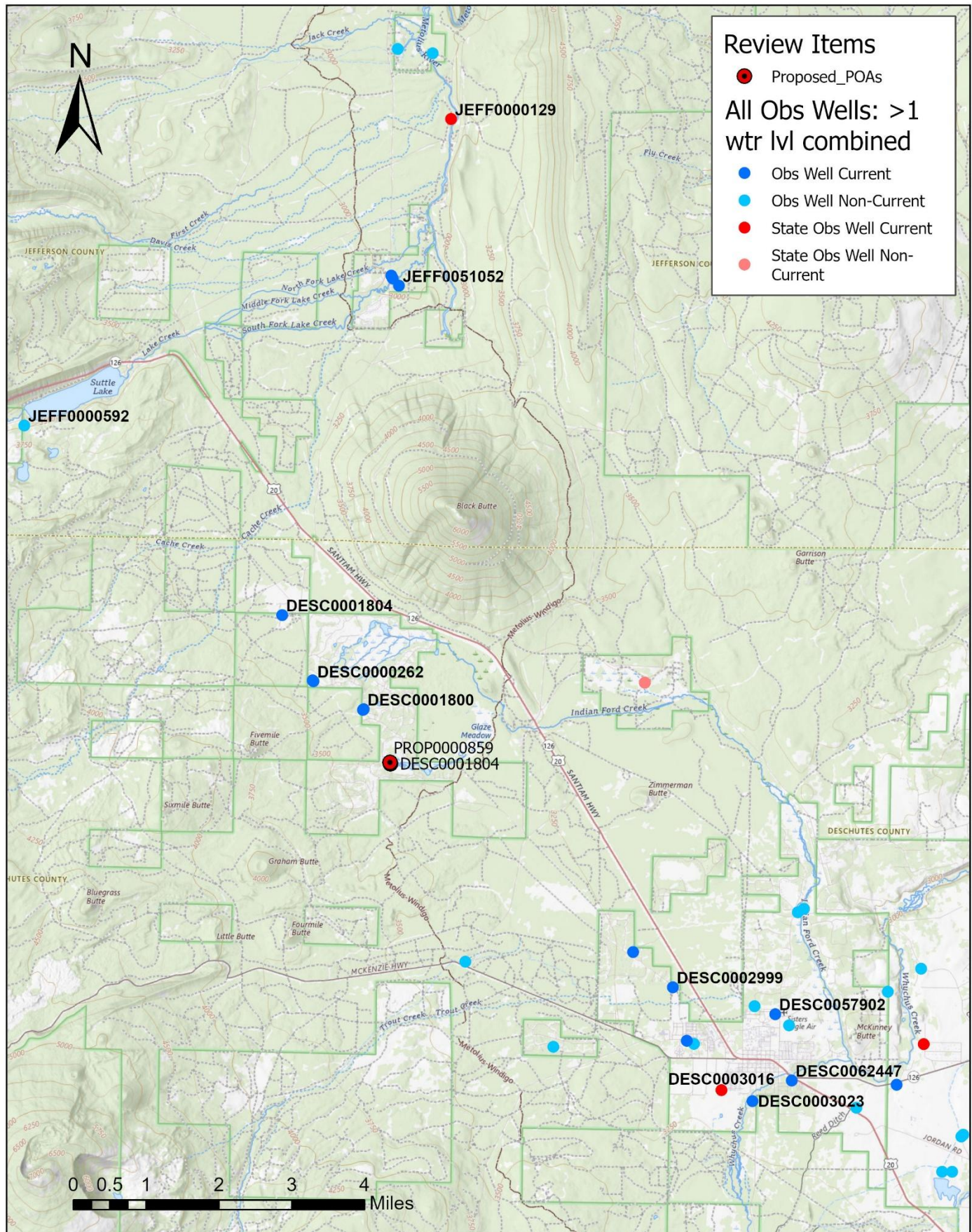
Lite, K. E. and Gannett, M. W., 2002, Geologic Framework of the Regional Ground-Water Flow System in the Upper Deschutes Basin, Oregon. USGS Water-Resources Investigation Report 02-4015, 44 p., <https://pubs.er.usgs.gov/publication/wri024015>

Sherrod, D. R., Taylor, E. M., Ferns, M. L., Scott, W. E., Conrey, R. M. and Smith, G. A., 2004, Geologic Map of the Bend 30-x-60-Minute Quadrangle, Central Oregon. U. S. Geological Survey Geologic Investigations Series Map I-2683. 49p., <https://pubs.usgs.gov/imap/i2683/>

Table 1. Well Summary

POA #	POA Name	POA Status	OWRD LOGID	TRS	Legal Location
1	Well 3	Authorized	DESC 1810	14S/9E-22 NW-NW	250' S, 700' E fr NW cor Sec 22
2	Well 3B	Proposed	PROP 859	14S/9E-22 NW-NW	16' S, 747' E fr NW cor Sec 22

Transfer Map



Water Levels in Nearby Observation Wells

