

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14272

GW Reviewer Phillip I. Marcy Date Review Completed: 07/11/2023

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-14272

Applicant Name: Powder River Land Company

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

Reviewer(s): Phillip I. Marcy

Date of Review: 07/11/2023

Date Reviewed by GW Mgr. and Returned to WRSD: Jl 4/18/25

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 change the authorized location of one POA well and modify the location of 2.7 acres previously authorized under permit G-17616.
 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The POA well (BAKE 52667) in question is constructed to avoid production from the alluvial sequence, as conditioned under permit G-17616.
 3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No All authorized POAs are conditioned to avoid production from alluvium, though BAKE 52667 is the only POA that has been completed.
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 proposed POA location is not significantly closer to any senior groundwater right.
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 upon the existing POA well construction, with continuous casing and seal to 590' below land surface, changing the location of the well by 130' is not anticipated to result in any additional interference with nearby surface water.
- 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: NA ☐ Minimal ☐ Significant
Stream: NA ☐ Minimal ☐ Significant
Provide context for minimal/significant impact: NA
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: None.
8. Any additional comments: BAKE 52667 is constructed to avoid production from hydraulically connected alluvium and is only 130' from the location authorized under permit G-17616. Based upon available data, it is uncertain whether the Powder River Volcanic sequence at this location is hydraulically connected to surface water in this portion of the valley, but if a connection exists here it is anticipated that this connection is inefficient and diffuse. Thus, the minor change in location is unlikely to result in any noticeable change in the timing or extent of interference to nearby surface waters or nearby groundwater rights.



