

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14604

GW Reviewer James Hootsmans Date Review Completed: 4/25/2025

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.



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-14604

Applicant Name: Spring Creek Land and Cattle LLC

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

Reviewer(s): James Hootsmans

Date of Review: 4/25/2025

Date Returned to WRSD: 4/29/2025

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 three Additional Point of Appropriations (APOA) to Certificate 43353 to supplement the authorized POA (Well 4, LANE 8171). Certificate 43353 is for irrigation use of 29.1 acres. The maximum rate is 0.36 cubic feet per second (cfs). The applicant is also proposing to change the place of use for 20.1 of the 29.1 acres on Certificate 43353.

The well logs for proposed APOAs were not provided on this application. Therefore, the application locations of the APOAs were used for this groundwater review. These locations are shown as NLOG 58023, 58024 and 58025 (Proposed Well A, B and C respectively) on the location map provided below.

The proposed APOA NLOG 58024 (Well B) is an authorized POA on nearby Certificate 43352 (Well 3).

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ **Yes** ☐ **No** Comments: Both the authorized POA and the APOA will develop from shallow alluvium. The authorized POA is drilled to a depth of approximately 26 feet below ground surface (bgs) in unconfined alluvium.

According to the application, the proposed APOAs have total depths of 30 feet bgs with 6-inch casing. The casing depths, seal depths and the well logs were not provided. It is recommended that the well construction details are confirmed prior to the approval of this transfer.

3. a) Is the existing authorized POA subject to a water level decline condition?
☐ Yes ☒ No Comments: Certificate 43353 has no existing water level decline conditions.
- 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: N/A
4. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No Comments: All POA will develop the alluvial aquifer (sand and gravel layers).
- 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.): _____
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 three APOAs are significantly closer to wells in Taxlot 603 and neighboring taxlots across River Road. The proposed APOA NLOG 58024 (Well B) is an authorized POA on nearby Certificate 43352 (Well 3). The closest water right that a proposed POA is not already part of is Claim GR-2350 (LANE 8204), approximately 500 feet away from proposed Well A.
- 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: Modeling conducted in similar conditions indicated that injury is unlikely given the amount of available water in the groundwater system. For the proposed POA that is already an authorized POA on another groundwater right, there is likely enough available water to accommodate the 0.26 cfs from Certificate 43352 and the requested 0.36 cfs from Certificate 43353 in this application (pending confirmation of construction details).
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 proposed POAs are further away from the Willamette River compared to the authorized POA but are closer to Spring Creek. Given the proposed well construction, all POAs will be directly connected to 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: Spring Creek ☒ Minimal ☐ Significant
Stream: _____ ☐ Minimal ☐ Significant
Provide context for minimal/significant impact: Given the rate of pumping and the amount of water available in the WAB (Willamette R > Columbia R – AB Periwinkle CR AT Gage 14174), the expected change of interference is expected to be minimal. In addition, the thick layers of fine-grained sediments which underly Spring Creek would also limit the strength of the hydraulic connection.

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: N/A
8. What conditions or other changes in the application are necessary to address any potential issues identified above: N/A
9. Any additional comments: N/A

T14604 Spring Creek Land and Cattel Co., LLC

