

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14853

GW Reviewer Stacey Garrison Date Review Completed: 5/29/2026

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.



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Ground Water Review Form:

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

Application: T-14853

Applicant Name: Andy Jinhau Chen, Ju Min Li, Wei Du Chen

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

Reviewer(s): Stacey Garrison

Date of Review: 5/29/2026

Date Reviewed by GW Mgr. and Returned to WRSD: 5/29/2026

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: Applicant proposes to change character of use to Nursery for 0.4 ac on **Claim GR-1964** and add APOA **LINN 62940** for the 0.4 ac^a of Nursery use. Applicant also clarifies POU mapping for 1.6 ac. **Claim GR-1964** authorizes irrigation of 17 ac at a maximum rate of 90 gpm (0.2 cfs) and maximum annual duty of 51 acre-feet (AF) by POA 1 (**LINN 6440**^b). As the APOA (**LINN 62940**) would only be authorized for 0.4 ac of the 17 ac of POU, the apportioned rate is 2.11 gpm (0.0047 cfs) and the apportioned duty is 1.2 AF.

^a In table 2 of the application, APOA 2 is only listed for use on 0.4 ac. If this is an error, the applicant may choose to amend the application.

^b The application identifies the authorized POA as LINN 6438 and indicates that the correlation for LINN 6438 with Claim GR-1863 is an error. The Department has reviewed available information and identified that LINN 6438 is the authorized POA on Claim GR-1863 and LINN 6440 is the authorized POA on **Claim GR-1864**. The applicant may amend this application to include LINN 6438 as an APOA, or transfer the entire right to LINN 6438 and remove the current authorized POA (**LINN 6440**) from **Claim GR-1864**.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The authorized POA (**LINN 6440**) develops the unconfined alluvial aquifer with a targeted water-bearing zone (WBZ) from 26 to 30 ft bls. The proposed APOA (**LINN 62940**) appears to develop the same WBZ from 19 to 33 ft bls.

3. a) Is the existing authorized POA subject to a water level decline condition?
☐ Yes ☒ No Comments: _____
- 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: _____
- 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.): N/A
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 APOA (LINN 62940) is closer to LINN 51569, an exempt domestic well located 865 ft north.
- 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: The unconfined alluvial aquifer likely exhibits a high transmissivity, as demonstrated in nearby pumping tests in the Department's database, and efficient hydraulic connection with nearby surface water. Given the high transmissivity, hydraulic connection to surface water, and very low pumping rate, it is not anticipated that the proposed change will result in another groundwater right not receiving the water to which it is legally entitled.
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 APOA (LINN 62940) is not closer to a surface water source, so there is no increase in interference with surface water anticipated.
- 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
Provide context for minimal/significant impact: N/A
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

ReferencesApplication File: T-14853Well logs: LINN 6440, LINN 6438, LINN 62940, LINN 51569, LINN 4394, LINN 6260, LINN 4404, LINN 6373Pump Tests: LINN 4394, LINN 6260, LINN 4404, LINN 6373Conlon, T.D., Wozniak, K.C., Woodcock, D., Herrera, N.B., Fisher, B.J., Morgan, D.S., Lee, K.K., and Hinkle, S.R., 2005, *Ground-water hydrology of the Willamette Basin, Oregon*, Scientific Investigations Report 2005-5168: U. S. Geological Survey, Reston, VA.Gannett, M.W. and Caldwell, R., 1998, *Geologic framework of the Willamette Lowland aquifer system, Oregon and Washington*, Professional Paper 1424-A, 32 p: U. S. Geological Survey, Reston, VA.McClaghry, J. D., T. J. Wiley, M. L. Ferns, and I. P. Madin. 2010. Digital Geologic Map of the Southern Willamette Valley, Benton, Lane, Linn, Marion, and Polk Counties, Oregon. Oregon Dept. of Geology and Mineral Industries. Open File Report O-10-13O'Connor, J.E., Sarna-Wojcick, A., Wozniak, K.C., Polette, D.J., Fleck, R.J., 2001, Origin, Extent, and Thickness of Quaternary Geologic Units in the Willamette Valley, Oregon; U.S. Geological Survey, Professional Paper 1620, 51 p.United States Geological Survey, 2013, National Elevation Dataset (NED) [DEM geospatial data]. 1/9th arc-second, updated 2013.Watershed Sciences, 2009, LIDAR remote sensing data collection, Department of Geology and Mineral Industries, Willamette Valley Phase I, Oregon: Portland, OR, December 21.Woodward, D.G., Gannett, M.W., and Vaccaro, J.J., 1998, Hydrogeologic framework of the Willamette Lowland aquifer system, Oregon and Washington: U.S. Geological Survey Professional Paper 1424-B, 82 p.

Map