

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14916

GW Reviewer Travis Brown Date Review Completed: 9/15/2026

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-14916

Applicant Name: Jensen Family, LLC

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

Reviewer(s): Travis Brown

Date of Review: 9/15/2026

Date Returned to WRSD: 9/15/2026

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 add 2 APOA wells (MARI 4749 / "GR-859 Well" and MARI 6493 / "Cert 42225 Well") to GR-2579, which claims 78.7 acres of Irrigation at a maximum rate of 476 gpm (1.061 cfs) from any combination of 3 POA wells (MARI 4750/"Well1 GR-2579 Well", MARI 71988/"T-13599 Well 2", and a not constructed "T13599 Well 3"). Application states that the not constructed POA "T13599 Well 3" will not be installed and has not listed it on the application or provided map; however, the well location is listed on the attached review map for reference.

The proposed APOA wells are already authorized POA wells on overlapping rights/claims: MARI 4749 / "GR-859 Well" on GR-859 (80.0 acres of Irrigation at 0.7442 cfs) and MARI 6493 / "Cert 42225 Well" on Inchoate Transfer T-14580 (formerly Cert 42225; 42.6 acres of Irrigation at 0.53 cfs). Authorized POA MARI 71988/"T-13599 Well 2" is also on Inchoate Transfer T-14580.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The authorized POA and proposed APOA wells all develop the alluvial aquifer system.

3. a) Is the existing authorized POA subject to a water level decline condition?
☐ Yes ☒ No Comments: The subject claim GR-2579 does not have a water level decline condition. Overlapping right Inchoate Transfer T-14580 also does not have a water level decline condition.
- 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: The authorized POA wells all develop the alluvial aquifer system.
- 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: Neighboring well MARI 6483 (sole POA on Cert 62501) is ~800 ft west of the proposed APOA MARI 6493 and ~2,330 ft southwest of authorized POA MARI 71988. The closer proximity of the proposed APOA will likely increase interference with MARI 6483.
- 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: Potential interference with MARI 6483 was assessed using the Theis (1935) solution for drawdown in a confined aquifer (see attached Well Interference Analysis). Results of the analysis indicate that the proposed use is unlikely to result in injury to MARI 6483 or a similar neighboring use.
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 APOA are not closer to nearby surface water sources and are not expected to result in an increase in interference with 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: _____ ☐ 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: None
9. Any additional comments: None

References:

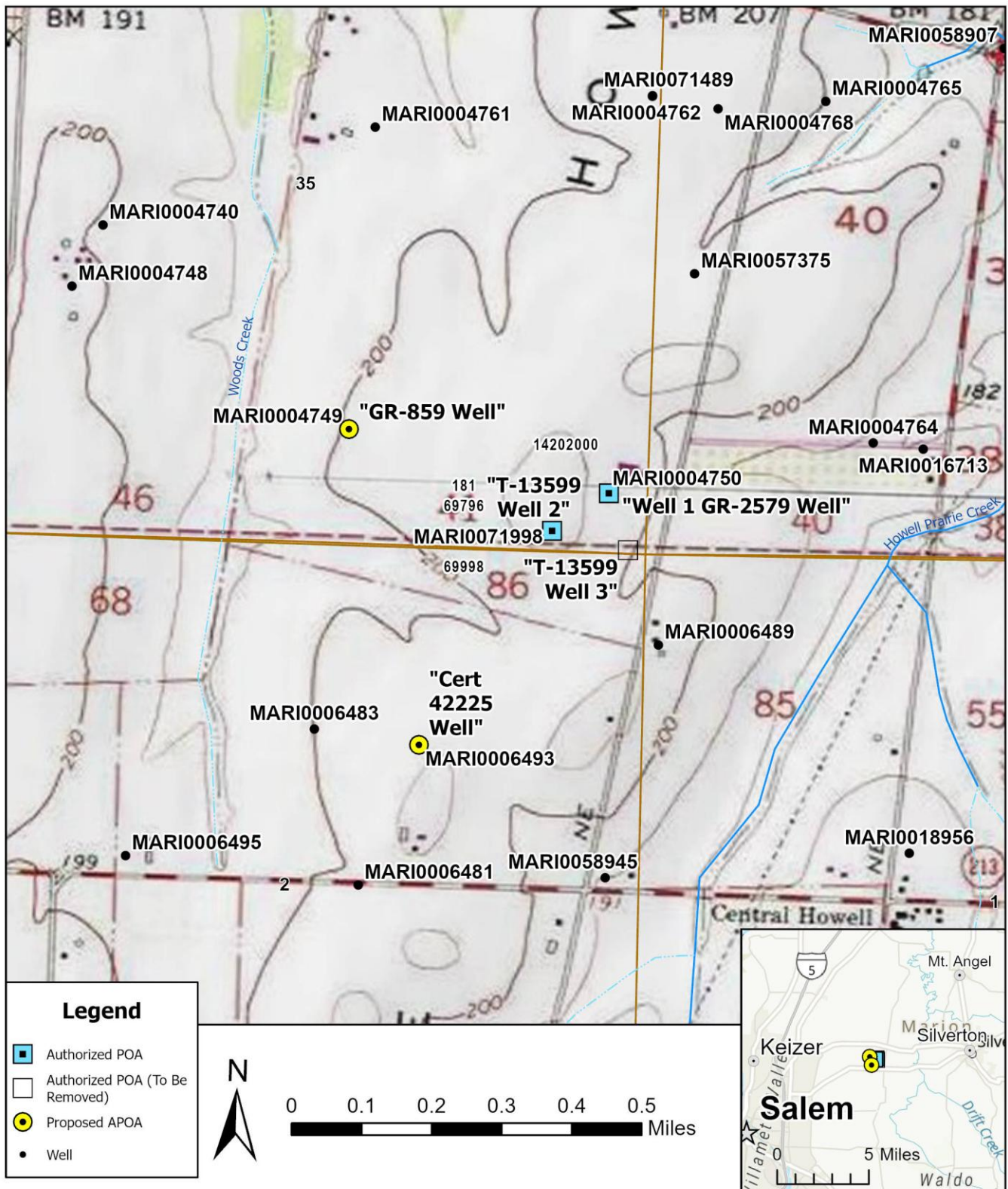
Pumping test reports: MARI 4757, 16713, 58907

Conlon, 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.

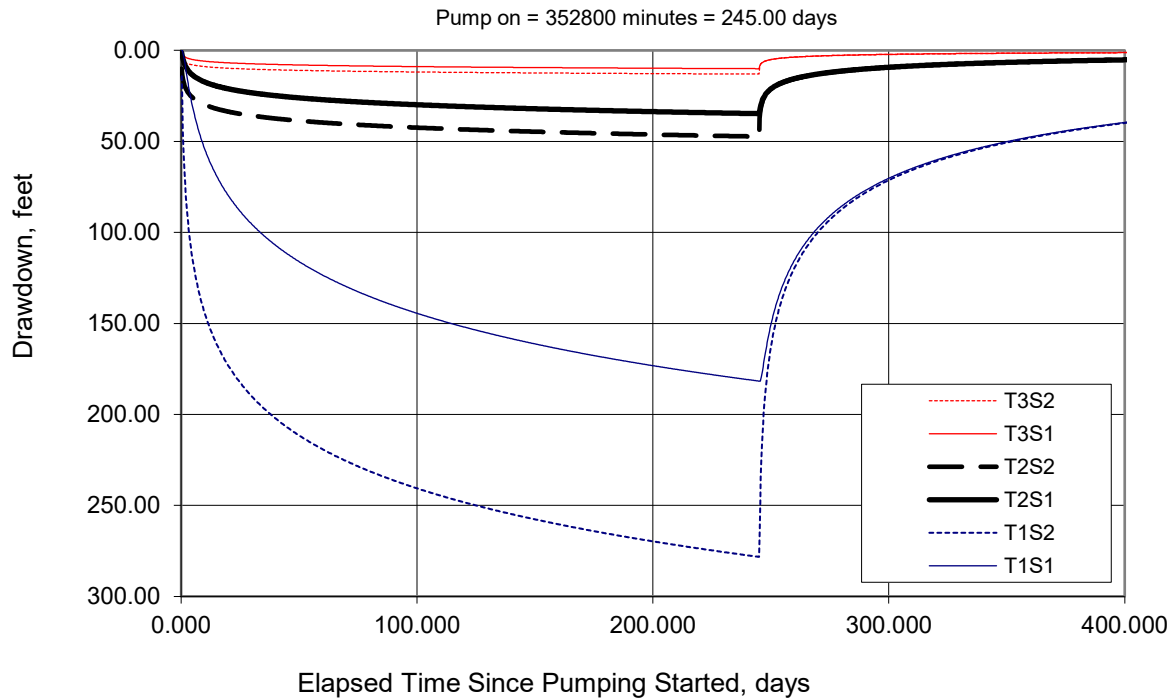
Theis, C.V., 1935, The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using groundwater storage, American Geophysical Union Transactions, vol. 16, p. 519-524.

Application Map

T-14916



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Copyright:© 2013 National Geographic Society, i-cubed

Well Interference Analysis, MARI 6493 (proposed APOA) to MARI 6483Theis Drawdown and Recovery at $r = 800$ ft From Pumping Well**Total pumping time, $t = 245$ days [Irrigation season]****Radial distance, $r = 800$ ft [approx. distance from MARI 6493 to MARI 6483]****Pumping rate, $Q = 1.591$ cfs [combined rate under GR-2579 and Inchoate T-14580]****Transmissivity: $T1 = 260$ ft²/day | $T2 = 2000$ ft²/day | $T3 = 8500$ ft²/day [pumping tests]****Storativity: $S1 = 0.003$ | $S2 = 0.0003$ [Conlon et al., 2005]****MARI 6483 (Cert 62501, 0.53 cfs, 1 POA)**

SWL	36 ft bls	Well log measurement
Well Bottom	197 ft bls	Well log
Available Drawdown	161 ft	Well Bottom - SWL
Pump Height Above Bottom	5 ft	Estimate
NPSHa	5 ft	Estimate
Estimated Drawdown	40 ft	@ 0.53 cfs (T2S2 parameters)
Minimum Water Column	50 ft	Estimated Drawdown + NPSHa + Pump Height
SUI	101 ft	Available Drawdown – Minimum Water Column