

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14793

GW Reviewer Stacey Garrison Date Review Completed: 2/20/2026

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-14793

Applicant Name: Cook Landholdings, LLC

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

Reviewer(s): Stacey Garrison

Date of Review: 2/20/2026

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 3/13/26

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 APOAs Well 3 (NLOG 58045) and Well 14 (LINN 5296) to Claim GR-818. GR-818 authorizes POA 1/Well 4 (LINN 57477) to irrigate 34.1 ac at 500 gpm and 85.25 AF/year. APOA Well 3 (NLOG 58045) is also authorized under Claim GR-817 and is a proposed APOA on two other transfers currently under review. APOA Well 14 (LINN 5296) is authorized under Certificate 31604 to irrigate 34.7 ac at 0.43 cfs and 86.74 AF. The combined rates are shown in the tables below; the total rates and duties were used in this review.

Rates and Duties		Well 14 (LINN 5296)
POA (ac)	This transfer, T-14793/Claim GR 818	34.1 ac
	Certificate 31604	34.7 ac
	Total	68.8 ac
Authorized duty (AF)	This transfer, T-14793/Claim GR 818	85.25 AF
	Certificate 31604	86.74 AF
	Total	172 AF
Flow rate gpm (CFS)	This transfer, T-14793/Claim GR 818	500 gpm (1.114 cfs)
	Certificate 31604	193 gpm (0.43 cfs)
	Total	693 gpm (1.54 cfs)

Rates and Duties		Well 3 (NLOG 58045)
POU (ac)	This transfer, T-14793/Claim GR 818	34.1 ac
	T-14791/Claim GR 815	17.4 ac
	T-14792/Claim GR 816	27.3 ac
	Claim GR 817	28.7 ac
	Total	107.5 ac
Authorized duty (AF/year)	This transfer, T-14793/Claim GR 818	85.25 AF
	T-14791/Claim GR 815	43.5 AF
	T-14792/Claim GR 816	68.25 AF
	Claim GR 817	71.75 AF
	Total	268.75 AF
Flow rate gpm (CFS)	This transfer, T-14793/Claim GR 818	500 gpm (1.114 cfs)
	T-14791/Claim GR 815	300 gpm (0.668 cfs)
	T-14792/Claim GR 816	400 gpm (0.891 cfs)
	Claim GR 817	350 gpm (0.7798 cfs)
	Total	1,550 gpm (3.45 cfs)

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 - Yes No Comments: The authorized POA, Well 4 (LINN 57477) and the proposed APOAs, Well 3 (NLOG 58045) and Well 14 (LINN 5296), develop the unconfined Holocene alluvium.

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: Only the alluvial source is developed.
 - 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: Well 3 (NLOG 58045) and APOA Well 14 (LINN 5296) are closer to LINN 5289, a POA authorized for irrigation per Certificate 89727 with priority date 4/8/1991. The reduced intervening distance is likely to result in an increase in interference with LINN 5289.
 - 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: APOA Well 14 (LINN 5296) is 1,137 ft north of LINN 5289. The Theis (1935) solution for drawdown was used to assess the potential for injury to LINN 5289 from the proposed changes (see attached Theis Interference Analysis). Well 3 (NLOG 58045) is further from LINN 5289 than Well 14 (LINN 5296) and is expected to produce a lower interference with LINN 5289. Results indicate the proposed change is unlikely to result in LINN 5289 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 APOAs are not closer to a surface water source.

- 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

References

Transfer File: T-14791, T-14792, T-14793

Pumping Test Files: LANE 8214, LANE 8061, LANE 7502, LANE 64556, LANE 63753, LANE 72693, LANE 58762, LANE 8377, LANE 5676

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.

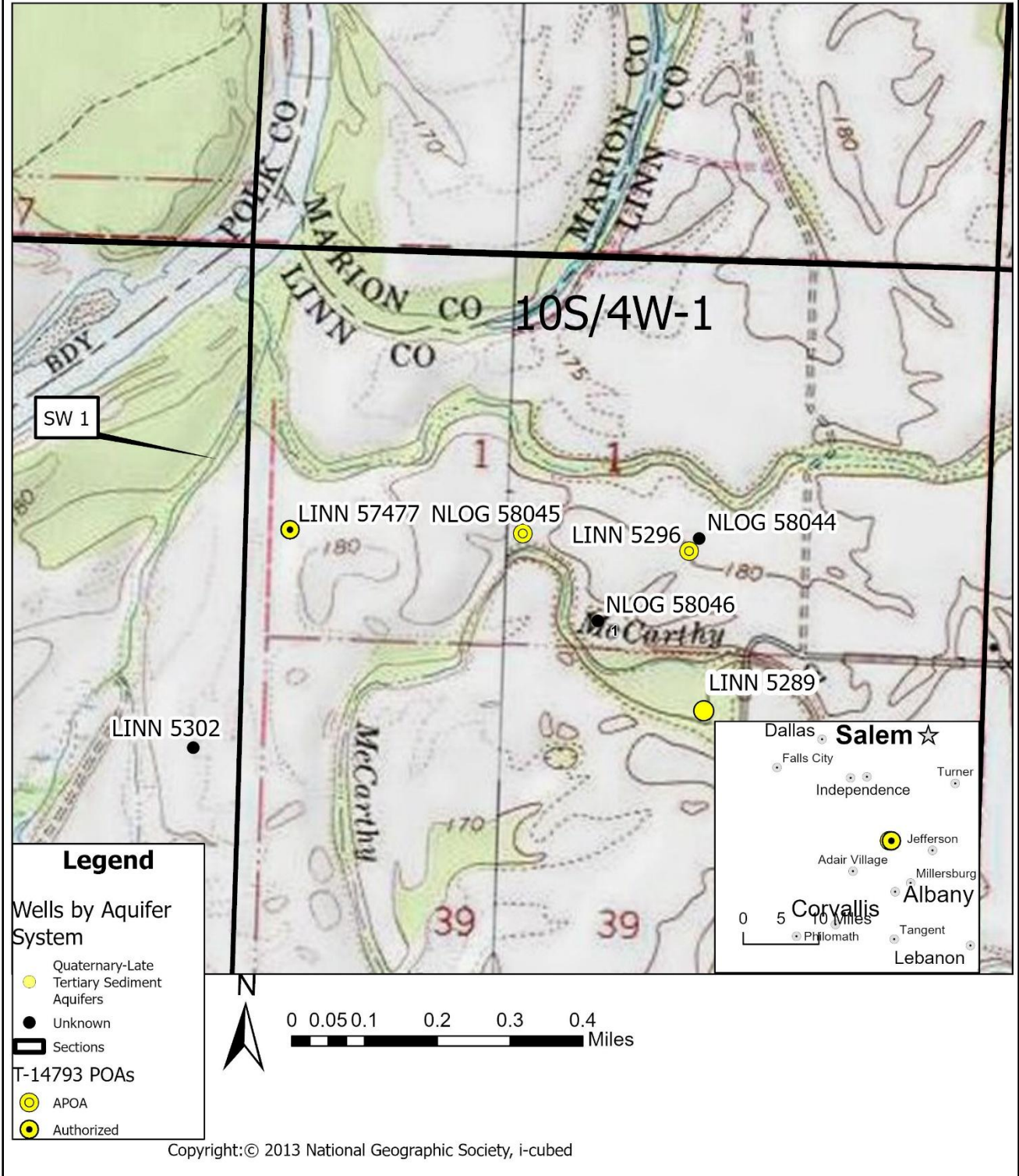
Hunt, B., 1999, Unsteady Stream Depletion from Ground Water Pumping: Ground Water, January-February, Vol 37, p 98-102.

O'Connor, J.E., Sarna-Wojcick, A., Woznikak, 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.

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.

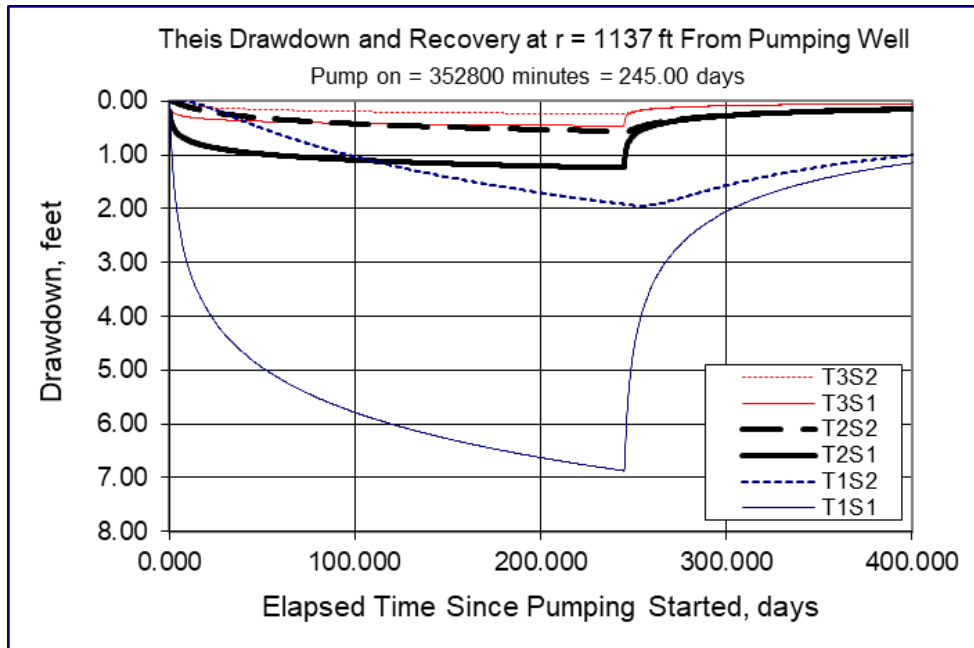
Map

T-14793 Cook Landholdings, LLC.



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Theis Drawdown and Interference-Well 14 (LINN 5296)-LINN 5289



Input Data:	Var Name	Scenario 1	Scenario 2	Scenario 3	Units	
Total pumping time	t		245		d	
Radial distance from pumped well:	r		1137		ft	Q conversions
Pumping rate	Q		0.353946		cfs	158.85 gpm
Hydraulic conductivity	K	66.7	500	1533.3	ft/day	0.35 cfs
Aquifer thickness	b		30		ft	21.24 cfm
Storativity	S 1		0.003			30,580.93 cfd
	S 2		0.2			0.70 af/d
Transmissivity Conversions	T_f2pd	2001	15000	45999	ft ² /day	<input type="button" value="Recalculate"/>
	T_ft2pm	1.38958333	10.4166667	31.94375	ft ² /min	
	T_gpdft	14967.48	112200	344072.52	gpd/ft	

*The full pumping rate could not be utilized continuously for the entire 245-day period of use without exceeding the maximum combined duty. For the maximum combined duty of 172AF continuous pumping would occur for 245 days at a rate of 0.354 cfs (159 gpm).

SWL	16 ft bls	Woodward et al., 1998
Aquifer Bottom	36 ft bls	Woodward et al., 1998
Available Water Column	20 ft	Aquifer bottom-SWL
Pump Height Above Bottom	5 ft	Estimate
NPSHa	5 ft	Estimate
Drawdown	4 ft	LINN 5289 Pump Test
Minimum Water Column	14 ft	Estimated Drawdown + NPSHa + Pump Height
Injury	6 ft	Available Water Column-Minimum Water Column