

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14920

GW Reviewer Gabriela Ferreira Date Review Completed: October 8, 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.



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-14920

Applicant Name: Hope Village

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

Reviewer(s): Gabriela Ferreira

Date of Review: October 8, 2026

Date Reviewed by GW Mgr. and Returned to WRSD: October 9, 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: The proposed transfer relates to Certificate 91118, which is for primary irrigation of 13.4 acres in Clackamas County with a priority date of October 28, 1994 and maximum authorized instantaneous rate of 0.17 cfs. Certificate 91118 authorizes use by one POA, CLAC 52004 which was altered under CLAC 79783 to replace well casing and seal.

The proposed transfer would add two additional POAs (APOAs) proposed to be drilled (Well 2 and Well 3).

Note: Certificate 91118 is issued to Hope Inc., while the transfer application is submitted by Hope Village Inc. A change in ownership may be warranted to correct the discrepancy.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: Authorized POA CLAC 52004/79783 is constructed to a total depth of 340 feet bgs and produces from the water-bearing sand and gravel layers within the underlying Willamette Confining Unit, estimated to be approximately 600 feet thick in the vicinity of the POA and proposed APOAs (Gannett and Caldwell, 1998). The application indicates that the proposed wells would both be constructed to a total depth of 350 feet bgs and produce from an alluvial aquifer. The proposed APOAs would also produce from water-bearing sand and gravel layers within the underlying Willamette Confining Unit (Gannett and Caldwell, 1998).

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.): _____
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 nearest well was identified as CLAC 12906, a well used by City of Canby / Canby School District for school grounds irrigation. CLAC 12906 is approximately 1,800 feet northeast of authorized CLAC 52004 and approximately 1,700 feet northeast of proposed APOA Well 3. The reduced intervening distance may result in an increase in interference with CLAC 12906.
- 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 relatively minor change in distance, along with the fact that none of the wells fully penetrate the 600- to 800-foot-deep Willamette Aquifer, indicate that there is minimal potential for the proposed change to result in injury.
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: Currently authorized POA CLAC 12906 is located approximately 2,100 feet north of the Molalla River. The proposed location for APOA would be located approximately 1,600 feet north of the Molalla River. The reduced intervening distance could increase interference with the Molalla River.
- 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: Molalla River ☒ Minimal ☐ Significant
Stream: _____ ☐ Minimal ☐ Significant
Provide context for minimal/significant impact: The estimated interference with the Molalla River was calculated under the authorized and proposed scenarios. The relative change in potential interference is considered minimal.
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: _____
9. Any additional comments: _____

Reference

Application T-14920 file

Pumping well reports CLAC 52004, CLAC 12075, CLAC 56080, CLAC 59186

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.

Hunt, B., 2003, Unsteady stream depletion when pumping from semiconfined aquifer: Journal of Hydrologic Engineering, January/February, Vol 8, p. 12-19.

Oregon Lidar Consortium (OLC), 2016, OLC metro 2014 lidar project, Oregon Department of Geology & Mineral Industries, Portland, OR, November 30.

United States Geological Survey, 2014, National Hydrography Dataset (NHD), 1:24,000, U. S. Department of the Interior, Reston, VA.



0 500 1,000 2,000 3,000 Feet

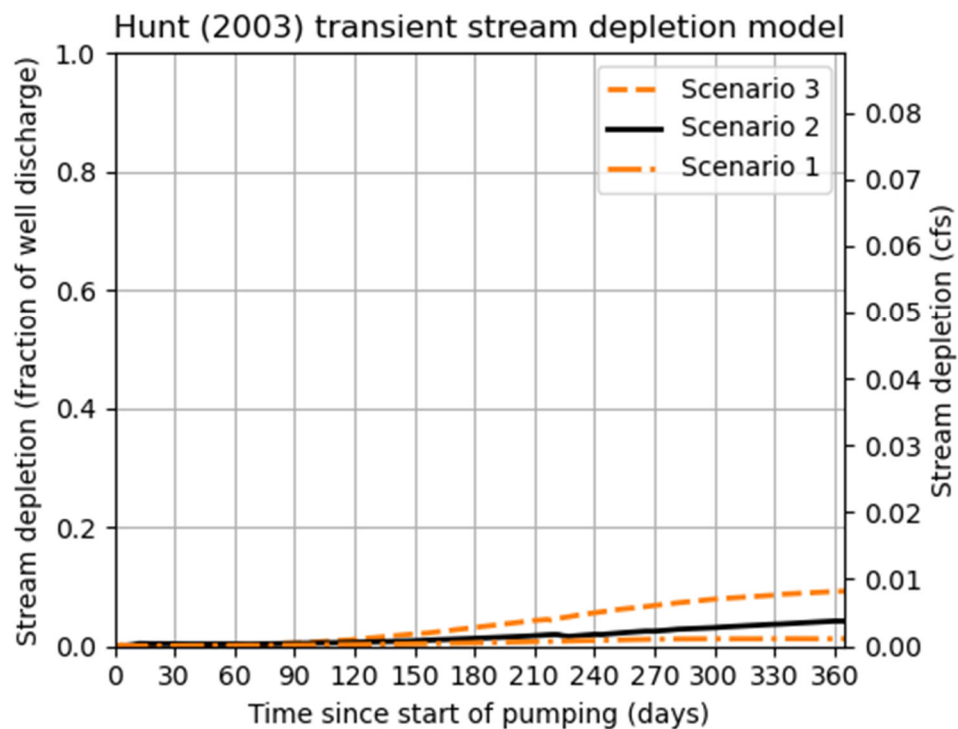
Authorized: Well 1 (CLAC 52004) estimated interference with Molalla River

Application type:	T
Application number:	14920
Well number:	1
Stream Number:	1
Pumping rate (cfs):	0.089
Pumping duration (days):	215.0
Pumping start month number (3=March)	3.0
Plotting duration (days)	365

Parameter	Symbol	Scenario 1	Scenario 2	Scenario 3	Unit
Distance from well to stream	a	2100	2100	2100	ft
Aquifer transmissivity	T	200.0	400.0	600.0	ft ² /d
Aquifer storativity	S	0.001	0.001	0.001	-
Aquitard vertical hydraulic conductivity	Kva	0.01	0.05	0.1	ft/d
Aquitard saturated thickness	ba	5.0	5.0	5.0	ft
Aquitard thickness below stream	babs	3.0	3.0	3.0	ft
Aquitard specific yield	Sya	0.2	0.2	0.2	-
Stream width	ws	80.0	100.0	120.0	ft

Stream depletion for Scenario 2:

Days	10	330	360	30	60	90	120	150	180	210	240
Depletion (%)	0	4	4	0	0	0	1	1	1	2	2
Depletion (cfs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Proposed: Well 2 estimated interference with Molalla River

Application type:	T
Application number:	14920
Well number:	2
Stream Number:	1
Pumping rate (cfs):	0.089
Pumping duration (days):	215.0
Pumping start month number (3=March)	3.0
Plotting duration (days)	365

Parameter	Symbol	Scenario 1	Scenario 2	Scenario 3	Unit
Distance from well to stream	a	1600	1600	1600	ft
Aquifer transmissivity	T	200.0	400.0	600.0	ft ² /d
Aquifer storativity	S	0.001	0.001	0.001	-
Aquitard vertical hydraulic conductivity	Kva	0.01	0.05	0.1	ft/d
Aquitard saturated thickness	ba	5.0	5.0	5.0	ft
Aquitard thickness below stream	babs	3.0	3.0	3.0	ft
Aquitard specific yield	Sya	0.2	0.2	0.2	-
Stream width	ws	80.0	100.0	120.0	ft

Stream depletion for Scenario 2:

Days	10	330	360	30	60	90	120	150	180	210	240
Depletion (%)	0	8	8	1	1	1	2	3	4	5	6
Depletion (cfs)	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

