Groundwater Transfer Review Summary Form

Transfer/PA # T- _13484_

GW Reviewer _Travis Brown_ Date Review Completed: _8/4/2020_

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 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-13484 Applicant Name: Salmon Valley Water Co

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

Reviewer(s): Travis Brown Date of Review: 8/4/2020

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 8/5/2020

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 one POA (Well 2) under Permit G-11534:

From-POA Name/No.	**Well ID**	**T/R-S QQ-Q**	**Metes & Bounds Description**
Well 2	CLAC 66977[a]	3S/7E-5 NW-NE	1270’ S, 1554’ W fr NE cor S 5

To-POA Name/No.	**Well ID**	**T/R-S QQ-Q**	**Metes & Bounds Description**
FG-7 Well	CLAC 63420	3S/7E-5 SW-NE	1390’ S, 1500’ W fr NE cor S 5

[a] Application lists original From-POA Well 2 Log ID# as “NA”; however, meets & bounds description matches that listed in Application G-11920 as “Resort Well #3” (not listed on subsequent Permit G-11087) per notes by Karl Wozniak – see log for CLAC 66977 (attached)

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA? ☒ Yes ☐ No Comments: Permit G-11534 authorizes development of the alluvial aquifer system. As noted in the groundwater review for transfer application T-12040, the alluvial aquifer in this area extends to a depth of ~200 ft below land surface (bls). The proposed To-POA is completed to a depth of ~192 ft.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No _____

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

4. 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 distance between the original authorized From-POA location and the proposed To-POA location is negligible compared to the proximity of neighboring wells. The change should not cause an increase in interference.

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: N/A

5. 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 authorized From-POA location is ~1,850 ft from the nearest surface water source (the Salmon River), while the proposed To-POA location is ~1,750 ft from the Salmon River. The decreased separation of the To-POA and the Salmon River could marginally increase 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: Salmon River ☒ Minimal ☐ Significant
Provide context for minimal/significant impact: Because of the relatively small change in separation distance from the nearest surface water and the high transmissivity of the alluvial aquifer in this area, any increase in interference with surface water is likely to be minimal.

6. 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

7. What conditions or other changes in the application are necessary to address any potential issues identified above: None

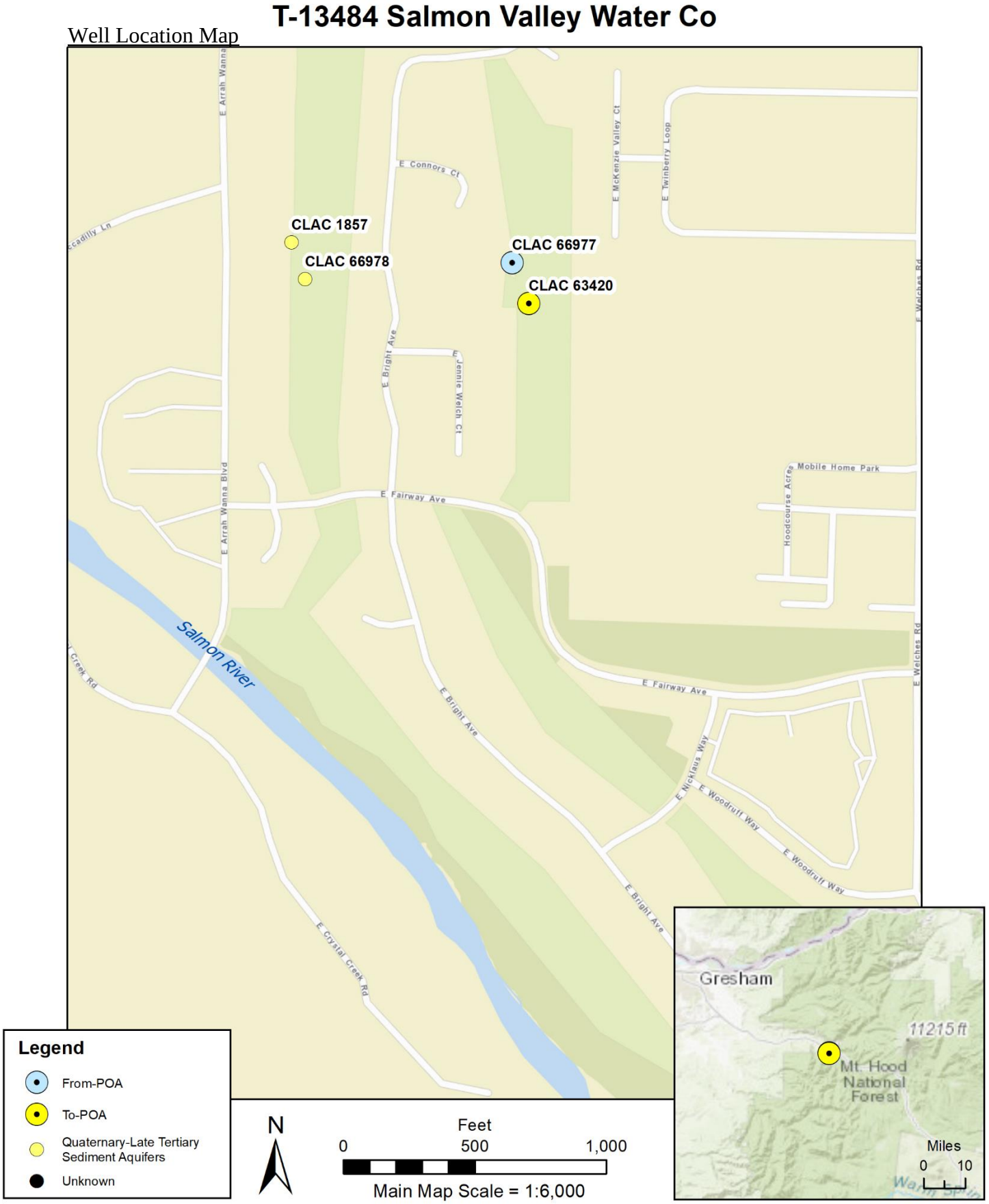
8. Any additional comments: None

References:

Application File: T-13484, T-12040, G-12785, G11920

Well Logs: CLAC 66977, CLAC 1857, CLAC 63420, CLAC 75527

Well Location Map



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CLAC 66977

WELL I.D. # L _____

(1) LAND OWNER Well Number _____
Name Rippling River Resort
Address Route 1, Box 1065
City Hillsboro State OR Zip 97124

(2) TYPE OF WORK
☑ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☑ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well 138 ft.
Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E
☐ Other
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	0	138		☑	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Clackamas Latitude _____ Longitude _____
Township 3 S N or S Range 7 E E or W WM.
Section 5 NW 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Probably glaciofluvial sediments. See log of nearby well CLAC 1857.			
Listed on application G-11920 as Resort Well #3; location given as 1270' south, 1554' west from NE corner of section 5. Reportedly drilled by Ross Jannsen Well Drilling, Estacada, OR some time prior to 1989. No well log found in OWRD records.			

Date started _____ Completed Unknown

SOURCE OF DATA/INFO
Groundwater application file G-11920. (Not listed on subsequent permit).

COMPILED BY: Karl Woznick
Groundwater Section

DATE: 8-3-2010

WELL INFORMATION REPORT 11/16/2000