

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14333

GW Reviewer Steve Ahlquist/Travis Brown Date Review Completed: March 19, 2024

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-14333

Applicant Name: City of Halsey

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

Reviewer(s): Steve Ahlquist/Travis Brown

Date of Review: March 19, 2024

Date Returned to WRSD: 3/19/2024

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 two wells as APOA to Permit G-12998. Permit G-12998 currently authorizes a maximum rate of 0.613 cfs from well LINN 13705 for municipal use. The proposed APOA are "Well 98" (LINN 51585) and "Well 69R" (not yet drilled).

Applicant proposes to add one APOA to Permit G-15551. Permit G-15551 currently authorizes a combined maximum rate of 1.0 cfs from wells LINN 13705 and LINN 51585. The proposed APOA for Permit G-15551 is "Well 69R".

Applicant requests to update the locations for wells LINN 13705 and LINN 51585 with the metes and bounds location descriptions included in the application.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The authorized POA and the APOA will produce water from the Willamette alluvial aquifer system (Gannett and Caldwell, 1998).
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.): _____

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 proposed APOA are within approximately 100 feet of the authorized POA on Permits G-12998 and G-15551 and the closest other known groundwater rights are more than 2500 feet away. The APOA are not substantially closer to other known well locations and increased interference with other groundwater rights is not expected. The OWRD well log database indicates several domestic wells are located within a mile of the proposed APOAs but lacks specific well location information needed to correlate wells to specific properties. While it is possible that the proposed APOA are closer to domestic wells on adjacent residential properties, it is unlikely that domestic wells are in use on these properties located within the City of Halsey's water distribution area. Furthermore, most water wells in the area are shallower than the proposed APOA, "Well 89" and "Well 69R"(105 feet and 95 feet bls, respectively), and may not fully penetrate the aquifer (Gannett and Caldwell, 1998). Consequently, the proposed use of the APOA will not result in injury to neighboring wells that fully penetrate the aquifer.

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: _____

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 closest surface water source, Muddy Creek, is over 1 mile from the authorized POA and proposed APOA (USGS 2017). The APOA is less than 100 feet from the authorized POA and is not appreciably closer to surface water sources. Interference with nearby surface water is not expected to increase as a result of this transfer.

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

Stream: _____ ☐ Minimal ☐ Significant

Provide context for minimal/significant impact: _____

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 T-14333

Permit G-12998

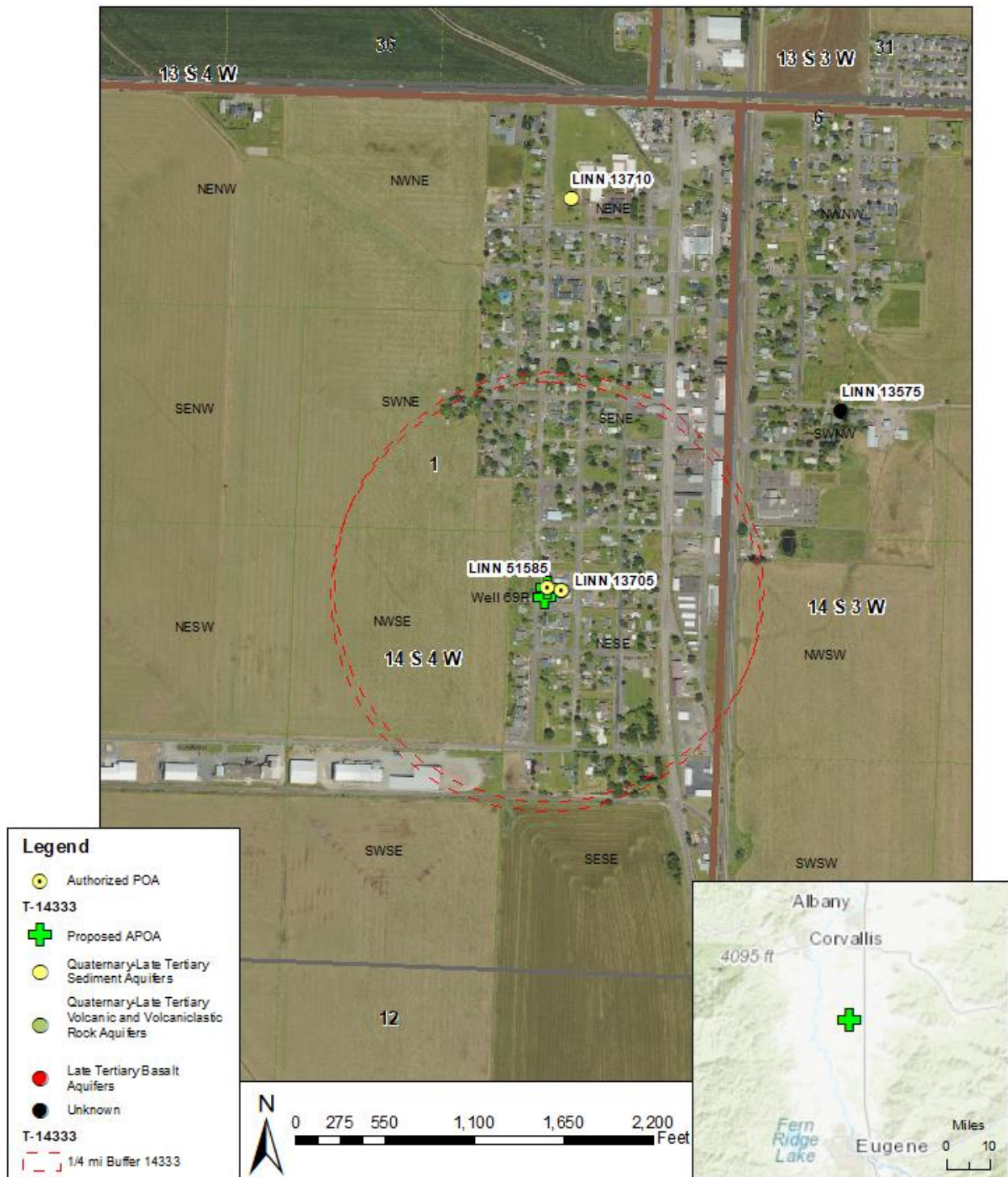
Permit G-15551

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.

United States Geological Survey, 2017, *Halsey quadrangle, Oregon* [map], 1:24,000, 7.5 minute topographic series, U.S. Department of the Interior, Reston, VA.

Well Location Map

T-14333 City of Halsey



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