Groundwater Transfer Review Summary Form

Transfer/PA # T- _14518_

GW Reviewer _Stacey Garrison_ Date Review Completed: _12/202024_

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-14518 Applicant Name: Ryan and Jenifer Skiles

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

Reviewer(s): Stacey Garrison Date of Review: 12/20/2024

Date Reviewed by GW Mgr. and Returned to WRSD: JTL 6/4/24

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 _____

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1. Basic description of the changes proposed in this transfer: Applicant proposes to add APOA Well 2 (**LANE 77060**) to irrigate a change in POU of 0.9 ac on **Claim GR 4115**. The POA on **Claim GR 4115** is Well 1 (**LANE 7801**), which is authorized to irrigate 6 ac at a maximum rate of 0.2674 cfs (120 gpm) and a maximum annual volume of 15 acre-feet/year. If approved, the APOA (**LANE 77060**) should be prorated with a maximum rate of 0.04 cfs (18 gpm) and a maximum annual volume of 2.25 AF.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
   ☒ Yes ☐ No Comments: The authorized POA (**LANE 7801**) develops a sand and gravel aquifer from 7 to 92 ft bls [235 to 320 ft amsl] and the proposed APOA/Well 2 (**LANE 77060**) develops the same aquifer from 14 to 38.5 ft bls [286.5 to 311 ft amsl].

3. a) Is the existing authorized POA subject to a water level decline condition?
   ☐ Yes ☒ No Comments: No water level decline conditions in Claim GR 4115.

   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: The proposed APOA/Well 2 (**LANE 77060**) is further from the closest groundwater user, LANE 7791, than the authorized POA/Well 1 (**LANE 7801**). The increased distance is anticipated to reduce interference with other groundwater users.

   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

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/Well 2 (**LANE 77060**) is closer to the nearest surface water source, SW 1 (Amazon Creek), than the authorized POA/Well 1 (**LANE 7801**). The decreased distance is anticipated to increase interference with SW 1 (Amazon Creek).

   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: Amazon Creek ☒ Minimal ☐ Significant

   Provide context for minimal/significant impact: The reduced distance is relatively small compared to the overall distance: proposed APOA/Well 2 (**LANE 77060**) and authorized POA/Well 1 (**LANE 7801**) are 7,490 ft and 7,845 ft east of SW 1 (Amazon Creek), respectively, with a decreased distance of 355 ft.

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

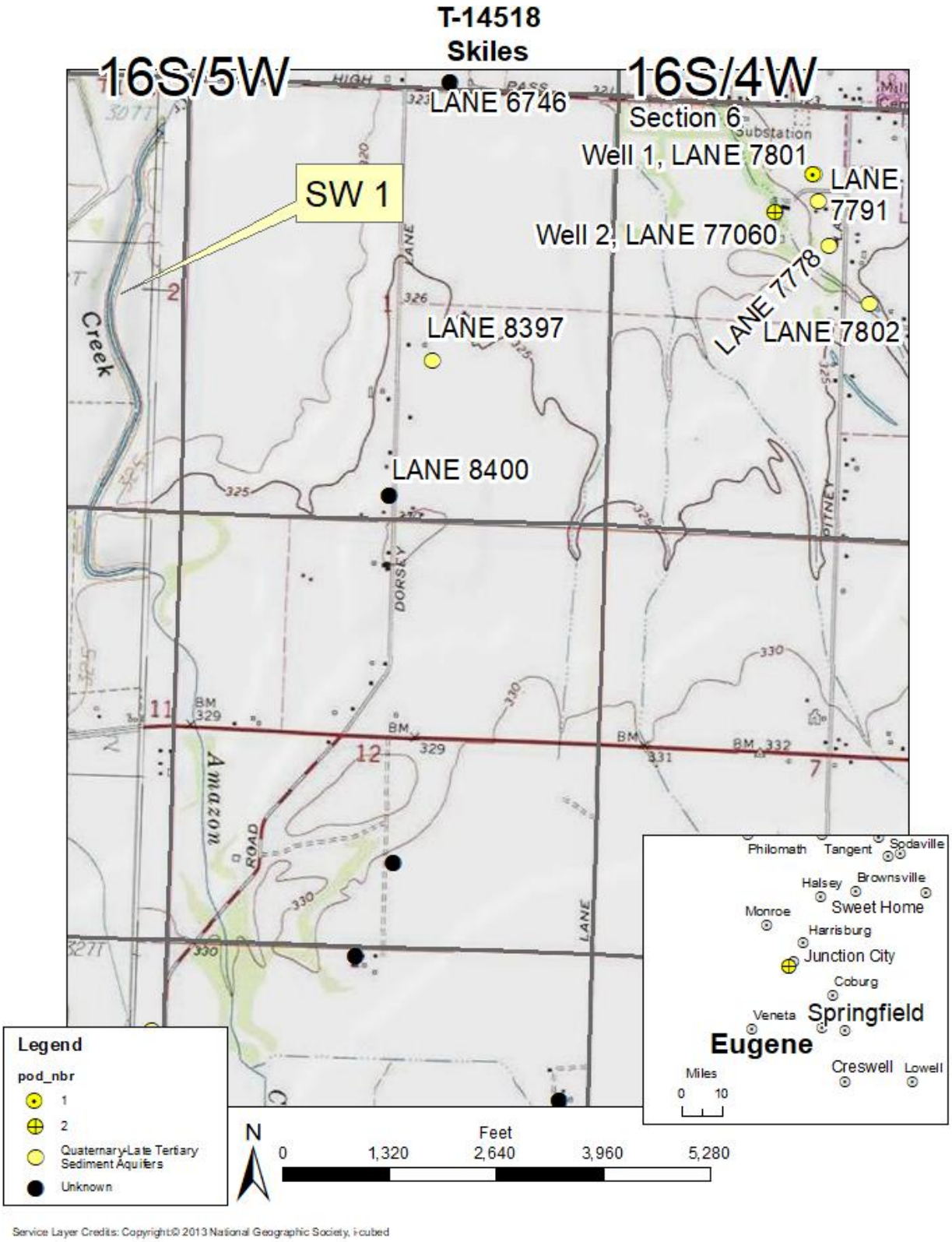
Transfer File: T-14518, Claim GR-4115

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.

McClaughry, J. D., T. J. Wiley, M. L. Ferns, and I. P Madin. 2010. Digital Geologic Map of the Southern Willamette Valley, Benton, Lane, Linn, Marion, and Polk Counties, Oregon. Oregon Dept. of Geology and Mineral Industries. Open File Report O-10-13

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.

Map


T-14518
Skiles
16S/5W
16S/4W
Section 6
LANE 6746
Well 1, LANE 7801
LANE 7791
Well 2, LANE 77060
LANE 7778
LANE 7802
SW 1
LANE 8397
LANE 8400
Creek
DORSEY
PITNEY
LANE
Amazon
ROAD
BM 329
BM 329
BM 331
BM 332
Philomath
Tangent
Sodaville
Halsey
Brownsville
Monroe
Sweet Home
Harrisburg
Junction City
Coburg
Veneta
Springfield
Eugene
Creswell
Lowell
Miles
0 10
Legend
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1
2
Quaternary-Late Tertiary Sediment Aquifers
Unknown
N
Feet
0 1,320 2,640 3,960 5,280
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