

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14372

GW Reviewer Gabriela Ferreira / Dennis Orlowski Date Review Completed: February 2, 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-14372 Applicant Name: City of Portland Parks and Recreation Department, Sandra Burtzos Fathizadeh

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

Reviewer(s): Gabriela Ferreira / Dennis Orłowski Date of Review: February 2, 2024
Date Reviewed by GW Mgr. and Returned to WRSD: _____

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 modifies **Certificate 97162**, which authorizes a total maximum rate of 0.557 cfs from currently authorized POA #1, **MULT 2839**. The transfer would replace POA # 1 with POA #2, **MULT 140472**. MULT 2839 was decommissioned in August 2023 under well report MULT 140303.

Proposed POA MULT 140472 is also the proposed POA for municipal use under pending application G-19407, which authorizes an additional 0.2673 cfs for municipal use.

This review does not evaluate the requested change in permitted use (removing “Including Irrigation, Dust Control, and Fire Suppression”) nor the requested change in rate (removing the 1/80 cfs per acre cap on Irrigation use).

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The authorized POA, MULT 2839, was completed to a total depth of 287 feet below ground surface. The proposed POA, MULT 140472, is completed to a total depth of 300 feet below ground surface. Both wells produce from the Troutdale Gravel Aquifer, estimated to be approximately 400 feet thick (Swanson et al., 1993).
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 POA is located 490 feet from the authorized POA. The POAs are located within Portland city limit and nearly all nearby properties are on municipal supply. Eight well reports were identified within 1 mile of the POAs, some of which are likely abandoned / unused due to redevelopment. The lack of significant groundwater extraction in the area suggests that the potential for injury is very low. Consequently, the proposed change, at its maximum allowed rate of use, is not likely to result in an increase in interference with another groundwater right.
- 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: Due to the extensive urban development, the nearest perennial surface water source that may be hydraulically connected to the proposed POA is the Columbia River, located 3.2 mile north of the POA. Based on the minor relative change in location and low rate of withdrawal relative to the flow of the Columbia River, the proposed change would not likely result in interference with surface water sources.
- 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: N/A
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: _____
8. Any additional comments: None

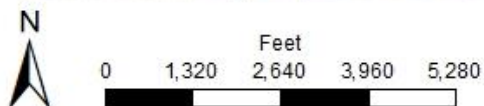
References Used:

Application File T-14372, G-19407

Swanson, R. D., McFarland, W. D., Gonthier, J. B., and Wilkinson, J. M., 1993, A description of hydrogeologic units in the Portland Basin, Oregon and Washington, Water-Resources Investigations Report 90-4196, 56 p.: U. S. Geological Survey, Reston, VA.

Legend

- Quaternary-Late Tertiary Sediment Aquifers
- Quaternary-Late Tertiary Volcanic and Volcaniclastic Rock Aquifers
- Late Tertiary Basalt Aquifers
- Unknown



Main Map Scale = 1:24,000

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