

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14277

GW Reviewer Stacey Garrison Date Review Completed: 12/13/2024

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 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-14277

Applicant Name: City of Monmouth

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

Reviewer(s): Stacey Garrison

Date of Review: 12/13/2024

Date Reviewed by GW Mgr. and Returned to WRSD: JI 4/18/25

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 applicant proposes to replace existing and authorized "Well 1/MC 1" (MARI 13286) with to-POAs: "Well 3/Marion County Well #1A/MC 1A" (MARI 70798). The applicant proposes to correct the location of authorized POA 2, "Well 2/MC 2" (MARI 60250). "Well 1/MC1" (MARI 13286) and "Well 2/MC2" (MARI 60250) are authorized under Permit G-8579 for Municipal Use at 5 cfs. "Well 1/MC1" (MARI 13286) will not be utilized under Permit G-8579 after the transfer is completed.

NOTE: There is a discrepancy between the mapped location of the POAs as indicated on the applicant's map and the metes-and-bounds description using the Department's PLSS projection. The mapped location is coincident with the GPS coordinates provided, and was used. The discrepancies are listed below.

- Well 1/MC 1 (MARI 13286): the metes-and-bounds location is 131 ft southeast of the location used.
- Well 3/Marion County Well #1A/MC 1A (MARI 70798): the metes-and-bounds location is 105 ft southwest of the location used.
- Well 2/MC2 (MARI 60250): the metes-and-bounds location is 426 ft northwest of the location used.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The authorized POAs (**MARI 13286, MARI 60250**) develop the unconfined, coarse-grained Holocene flood deposit alluvium of the Willamette River floodplain. The proposed to-POA (**MARI 70798**) develops the same groundwater resource.
3. a) Is the existing authorized POA subject to a water level decline condition?
☐ Yes ☒ No Comments: No water level decline conditions in Permit G-8579.
- 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 alluvium 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: Authorized from-POA Well 1/MC 1 (**MARI 13286**) is located 1,024 ft from the nearest groundwater user, MARI 13288. The closest groundwater user to the proposed to-POA Well 3/MC 1A (**MARI 70798**) is MARI 13288, at 841 ft. The reduced intervening distance is anticipated to increase interference with MARI 13288.
The authorized location for Well 2/MC 2 (**MARI 60250**) is 600 ft from the nearest groundwater user, MARI 13280. The corrected location for Well 2/MC 2 (**MARI 60250**) is located 560 ft from the likely location of the nearest groundwater user, an exempt domestic well serving tax lot 400 at 6985 Riverside Dr South. The reduced intervening distance is anticipated to increase interference with the domestic well serving tax lot 400.
- 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: This increase is anticipated to be minimal due to the relatively small difference of distances and the very strong hydraulic connection between all the wells and the Willamette River.
- 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 nearest surface water source to all wells and locations is the Willamette River. Authorized from-POA Well 1/MC 1 (**MARI 13286**) is 882 ft east of the Willamette River, and to-POA Well 3/MC 1A (**MARI 70798**) is 920 ft east of the Willamette River. The authorized location for Well 2/MC 2 (**MARI 60250**) is 1,770 ft east of the Willamette River, and the corrected location for Well 2/MC 2 (**MARI 60250**) is 1,260 ft. The increased distances are anticipated to reduce interference with the Willamette 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: _____ ☐ 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: N/A
8. Any additional comments: _____

References

Application file: T-14277; Permit G-8579

Pumping Test Files: MARI 13308, POLK 3741, POLK 3039

Conlon, Terrence D., Wozniak, Karl C., Woodcock, Douglas, Herrera, Nora B., Fisher, Bruce J., Morgan, David S., Lee, Karl K., and Hinkle, Stephen R., 2005, Ground-Water Hydrology of the Willamette Basin, Oregon: U.S. Geological Survey Scientific Investigations Report 2005-5168

Wallick, J.R., Jones, K.L. O'Connor, J.E., Keith, M.K., Hulse, David, and Gregory, S.V., 2013, Geomorphic and vegetation processes of the Willamette River floodplain, Oregon—Current understanding and unanswered questions: U.S. Geological Survey Open-File Report 2013-1246., 70 p.

Map