## **Groundwater Transfer Review Summary Form**

Transfer/PA # T- <u>13805</u>
GW Reviewer Phillip I. Marcy Date Review Completed: 10/31/2023
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:
$\Box$ 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 pe 690-380-0100(3).
Summary of GW-SW Transfer Similarity Review:
$\Box$ 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.

Version: 20210204

## OREGON

Application: T-13805

transfer may be approved because:

Proposed Changes:

## **Oregon Water Resources Department** 725 Summer Street NE, Suite A Salem, Oregon 97301-1271 (503) 986-0900 www.wrd.state.or.us

 $\square$  POA

□ USE

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artment	⊠ Water Right 7	<b>Fransfer</b>
	☐ Permit Amen	dment
	☐ GR Modificat	ion
	$\square$ Other	
Applican	t Name: <u>Bryan Schur</u>	ter/Harry Klopfenstein
APOA	□ SW→GW	$\square$ RA
OU	☐ OTHER	

Date of Review: 10/31/2023 Reviewer(s): Phillip I. Marcy, Justin Iverson

 $\boxtimes$  APOA

□ POU

Date Reviewed by GW Mgr. and Returned to WRSD: JI 6/3/25

 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

The information provided in the application is insufficient to evaluate whether the proposed

- 1. Basic description of the changes proposed in this transfer: The applicant proposes to add two additional points of appropriation (APOAs) to the existing authorized use under Certificate 95208, which authorizes one well (MARI 6161) for Primary Irrigation of 43.8 acres and Supplemental Irrigation of 10.2 acres. The proposed APOA wells are already constructed, listed as MARI 6076 and MARI 32, 61526.
- 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  $\boxtimes$  Yes  $\square$  No Comments: The authorized well and the two proposed APOA wells produce from CRBG. In addition, water level trends in the three wells are very similar, displaying roughly 50 feet of decline over a period of 30 years.
- 3. a) Is the existing authorized POA subject to a water level decline condition?

 $\boxtimes$  Yes  $\square$  No Comments:

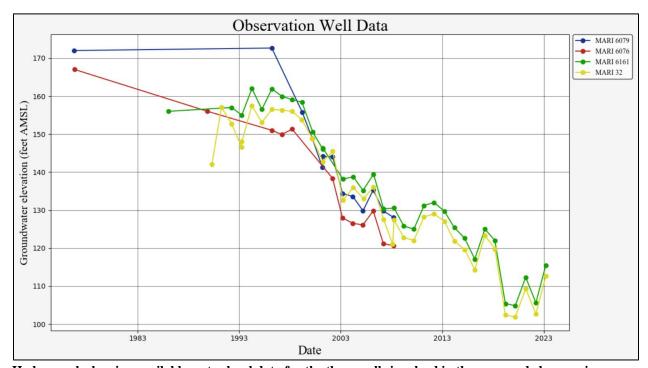
b) If yes, for each POA identify the reference level, most recent spring-high water level, and whether an applicable permit decline condition has been exceeded:

Existing Authorized POA for Cert 95208	Reference Level Depth Below Land Surface (feet)	Max Decline Below Reference Level (feet)	March 2025 water level at MARI 6161 (hydrograph)	Permit decline condition exceeded?	
MARI 6161	94.0	25	142.72	Yes	

4.	<ul> <li>a) Is there more than one source developed under the right (e.g., basalt and alluvium)?</li> <li>☐ Yes  No All wells produce from basalt of the Columbia River Basalt Group.</li> </ul>
	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.): <u>NA</u>
5.	a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with <b>another ground water right</b> ?
	Yes Do Comments: <u>Proposed APOA MARI 6076 is significantly closer to well MARI 6079</u> , which is authorized under Certificates 95067 and 95486 and lies at a distance of 1,250'. The currently authorized POA is 3,675 feet from MARI 6079.
	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: MARI 6079 and MARI 6076 are authorized under  Certificate 95486 under the same ownership and therefore any injury caused by additional pumping at MARI 6076 would result in self-injury.
6.	a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with <b>another surface water source</b> ?
	☐ Yes ☐ No Comments: <u>As determined by the original water right application</u> reviews, the pertinent wells are not hydraulically connected to surface water.
	b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any <b>surface water sources</b> resulting from the proposed change?
	Stream: NA
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: NA
8.	What conditions or other changes in the application are necessary to address any potential issues identified above:
9.	Any additional comments: <u>The high diffusivity of the CRBG aquifer shared by these wells is anticipated to result in similar year-upon-year declines exhibited throughout the previous 30 years of water level records if this transfer is approved.</u>

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Auth/Well	61117	65140	95208	95486	88654	G-11132	95067
MARI 6161	Χ	Χ	Χ				
MARI 32					X	Χ	
MARI 6076				X			
MARI 6079				Χ			Χ



Hydrograph showing available water level data for the three wells involved in the proposed changes, in addition to nearby MARI 6079. All wells target the CRBG aquifer, display similar water level trends and elevations, and have tripped decline triggers on their respective rights.

