

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14083

GW Reviewer J. Hootsmans/J. Hackett Date Review Completed: 9/27/2023

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 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-14083

Applicant Name: Threemile Canyon Farms

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

Reviewer(s): J. Hootsmans/J. Hackett

Date of Review: 9/27/2023

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 POAs associated with permit G-13880 were not drilled in their permitted locations. This application proposes to change the POAs to the six recently proposed and approved wells for the lands previously not involved in Permit Amendment T-13325.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The authorized wells were never developed, but their proposed production was from the Columbia River Basalt Group (CRBG) aquifer system. The proposed POAs (MORR 52132, MORR 52131, MORR 52130, MORR 52045, MORR 52279, and MORR 52037) range in depth from 926 feet to 1450 feet deep and produce water-bearing zones in the CRBG aquifer system.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No POAs all develop water-bearing zones in the Columbia River Basalt Group aquifer system.

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: Authorized and proposed POAs are located similar distances from existing groundwater users, so interference should not increase.

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: Proposed POAs are not hydraulically connected to local 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: _____

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: _____

7. What conditions or other changes in the application are necessary to address any potential issues identified above: _____

8. Any additional comments: Groundwater level declines have occurred in all six of proposed POAs. Additionally, all the proposed POAs have triggered water level decline conditions stipulated in Permit G-18414 (see attached table).

Permit G-18414 includes the following provision: "If any of the wells listed on this permit (or replacement wells) display a total static water-level decline of 50 or more feet over any period of years, as compared to the reference level measurement, then water user shall discontinue use of that well(s) until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights." As of March 2023, static water levels in the proposed POAs have declined by 56.40 to 75.16 feet below their reference levels (see table below).

Table of Permit Condition Water Levels

	Reference Level			Recent Water Level				Permit Condition Triggers
POA	Reference Level Date	Reference Level (feet blsd)	Reference Level (feet amsl)	Most Recent Measurement Date	Most Recent Measurement (feet blsd)	Most Recent Measurement (feet amsl)	Water level Change (feet) ((-) for decline)	Total Decline > 50 Feet
MORR 52037	3/10/2015	230.08	374.92	3/15/2023	305.24	299.76	-75.16	-75.16
MORR 52045	3/10/2015	237.58	384.42	3/15/2023	293.98	328.02	-56.40	-56.40
MORR 52130	3/10/2015	241.47	375.53	3/15/2023	311.38	305.62	-69.91	-69.91
MORR 52131	3/10/2015	227.04	382.96	3/15/2023	298.57	311.43	-71.53	-71.53
MORR 52132	3/10/2015	227.12	372.88	3/15/2023	299.46	300.54	-72.34	-72.34
MORR 52279	3/10/2015	205.67	379.33	2/13/2023	278.48	306.52	-72.81	-72.81

Well Location Map

T-14083 Threemile Canyon Farms, Inc. 1:60,000 scale



