

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 13861

GW Reviewer Phillip I. Marcy Date Review Completed: 11/01/2023

## 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.*



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

## Ground Water Review Form:

- Water Right Transfer
- Permit Amendment
- GR Modification
- Other

Application: T-13861

Applicant Name: Stauffer Farms Inc.

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

Reviewer(s): Phillip I. Marcy

Date of Review: 11/01/2023

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 6/21/24

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 \_\_\_\_\_

1. Basic description of the changes proposed in this transfer: The applicant proposes to add 6 existing wells as APOAs to groundwater claim GR-751, which authorizes the use of one well (MARI 1016) for irrigation of 79.98 acres. MARI 1016 has been abandoned, and so will be removed as a POA.
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: All wells produce groundwater from alluvium.
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.): NA
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 largest expected net change in pumping due to the proposed changes is the newly added MARI 69905. MARI 51008 authorized under Certificate 92328 is the nearest well to proposed APOA MARI 69905, at a distance of 1,235 feet. However, currently authorized POA MARI 1016 lies closer to neighboring MARI 51008 and has been abandoned in favor of use from the APOA wells listed, including MARI 69905.

MARI 69905 is currently authorized under Permit G-18537 at a maximum rate of 0.673 CFS, limited by the 80% exceedance flow in the resident WAB. Using parameters included in the original application review (G-18923; Travis Brown), an increase in pumping as a result of this transfer is likely to cause injury at MARI 51008, with expected seasonal drawdowns between 15-50 feet. If the maximum rate at MARI 69905 is maintained at the authorized rate under G-18537, however, the most reasonable estimates of drawdown lie between 11-16 feet.

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: The authorized use under GR-751 is closer in proximity to neighboring MARI 51008 than nearby replacement well MARI 69905. This proposed change potentially lowers the total interference to the neighboring well if full use of both rights are assumed. It is likely, however, that the 0.557 CFS authorized under GR-751 will be distributed amongst the listed APOA wells on this application.

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: No additional pumping is proposed for the given WAB (PUDDING R> MOLALLA R- AB MILL CR), and none of the proposed APOA locations are significantly closer to 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: NA  Minimal  Significant

Stream: NA  Minimal  Significant

Provide context for minimal/significant impact: NA

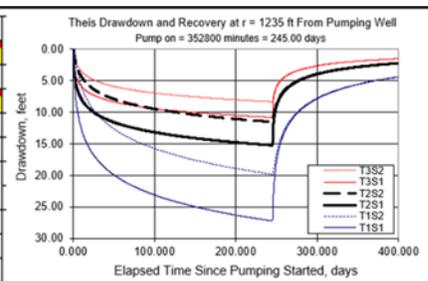
6. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?

Yes  No Comments: NA

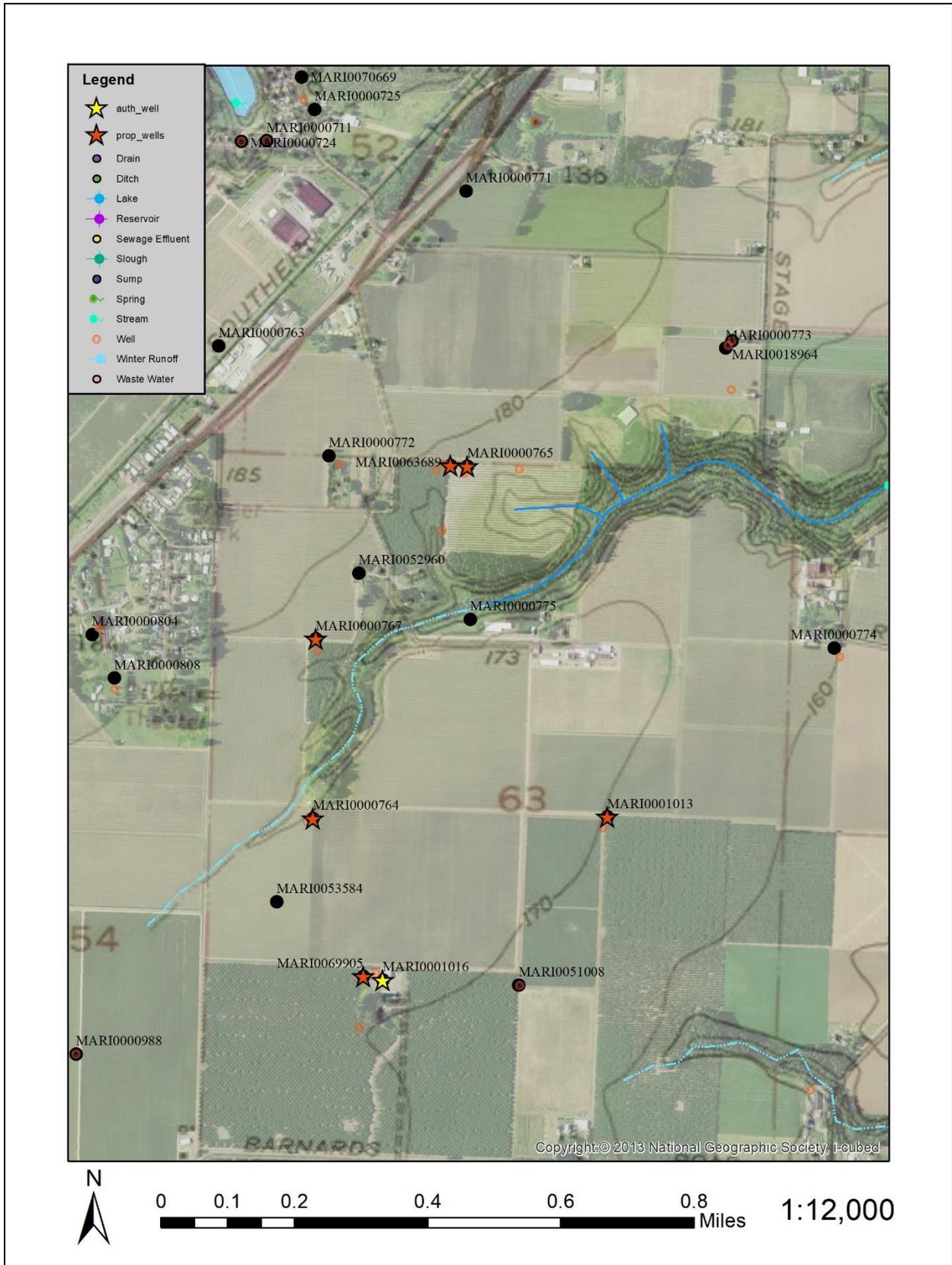
7. What conditions or other changes in the application are necessary to address any potential issues identified above: Production from MARI 69905 shall be limited to rates and duties authorized under GR-751 and Permit G-18357.

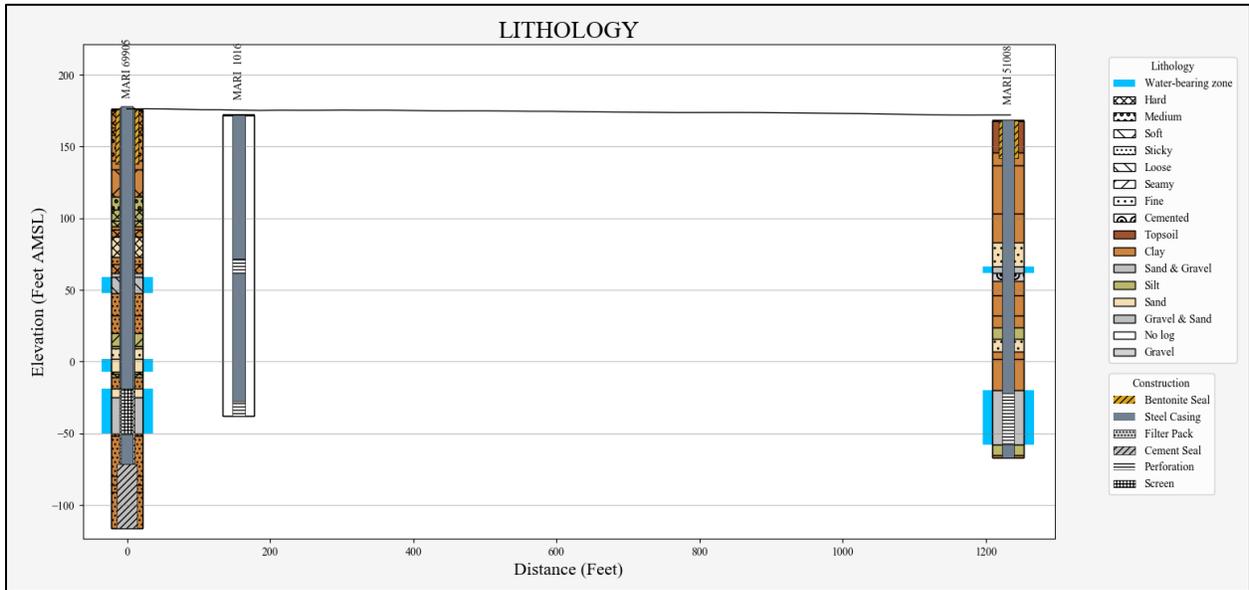
8. Any additional comments: \_\_\_\_\_

Input Data:	Var Name	Scenario 1	Scenario 2	Scenario 3	Units
Total pumping time	t		245		d
Radial distance from pumped well:	r		1235		ft
Pumping rate	Q		0.673		cfs
Hydraulic conductivity	K	25	50	75	ft/day
Aquifer thickness	b		40		ft
Storativity	S 1		0.001		
	S 2		0.005		
Transmissivity Conversions	T f2pd	1000	2000	3000	ft <sup>2</sup> /day
	T f2pm	0.69444444	1.38888889	2.08333333	ft <sup>2</sup> /min
	T gpdpft	7480	14960	22440	gpd/ft



Drawdown calculations for MARI 69905 impacts to neighboring MARI 51008 at currently authorized rate of 0.673 CFS. Increases in rate at this proposed APOA may result in injury to neighboring right Certificate 92328.





**Cross-section diagram showing positions and screened intervals within APOA MARI 69905, abandoned POA MARI 1016, and neighboring well MARI 51008. Water-bearing horizons of coarse-grained material appear to be consistent in thickness and depth in the area of the proposed actions.**