Groundwater Transfer Review Summary Form

Transfer/PA # T- <u>14195</u>							
GW Reviewer <u>Joe Kemper</u> Date Review Completed: <u>5/26/2023</u>							
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							

Version: 20210204

OREGON

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:
V *** 4	D. 1.7		

	OREGON WATER RESOURCES DEPARTMENT	Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1271		Ground Water Review Form: ☐ Water Right Transfer ☐ Permit Amendment ☐ GR Modification ☐ Other			
Application: T-14195				Applicant	Name: Bull Springs Ranch		
Pro	posed Change	es:	⊠ POA □ USE	□ APOA ⊠ POU	□ SW→GW □ OTHER	⊠ RA	
Reviewer(s): <u>Joe Kemper</u> Date of Review: <u>5/26/2023</u> Date Reviewed by GW Mgr. and Returned to WRSD: <u>JTI 8/3/23</u>							
	e information asfer may be a	-	-	plication is ins	ufficient to evaluat	te whether the proposed	
	The water waffected by t			ed with the app	lication do not cor	respond to the water rights	
	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 second of the secon	ption f quas quas trans hang lote t	of the changesi-municipal i-municipal ufer also woule the characte hat, if approv	es proposed in use from a sing se from DESC d change the pler of use to irriged, the resultin	this transfer: Certifule well 51145. This 51145 to two well ace of use from 17 gation, fire suppressing water right woul	ficate 95715 authorizes is transfer proposes moving s, DESC 54048 and DESC 7S/11E-35 to 17S/11E-22 sion, wildlife use, and d be used in concert with a	

- 1. Basic description of the changes proposed in the 0.4841 cfs of quasi-municipal use from a singl 0.031 cfs of quasi-municipal use from DESC 5 54049. This transfer also would change the pla and would change the character of use to irriga aesthetics. Note that, if approved, the resulting reservoir proposed under Application R-89110. Additionally, 0.453 cfs from Certificate 95715. If T-14165 and T-14195 are approved, there will be no remaining authorized use on Certificate 95715.
- 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA? ⊠ Yes □ No Comments: DESC 51145 (the "from" well) penetrates Quaternary-aged volcanics erupted from the Cascades and then at depth likely encounters the older volcanic units of the Deschutes Formation, a geographically extensive series of interbedded extrusive volcanics and volcaniclastic sediment from the Cascades and alluvial deposits from the ancestral Deschutes River. At depth, DESC 51145 accesses the regional aquifer system largely recharged by precipitation in the Cascades and transmitted via the Deschutes Formation. DESC 54048 and DESC 54049 (the "to" wells) are located 2 to 2.5 miles to NW and are drilled into a nearly identical geologic setting where they penetrate Quaternary-aged extrusive volcanics then access the regional groundwater system hosted within the Deschutes Formation. Water levels in the "to" and "from" wells are at similar elevations between 3400-3500 ft amsl.

Page 1 of 2 Version: 20210204

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

7. What conditions or other changes in the application are necessary to address any potential

specified in the water use subject to transfer?

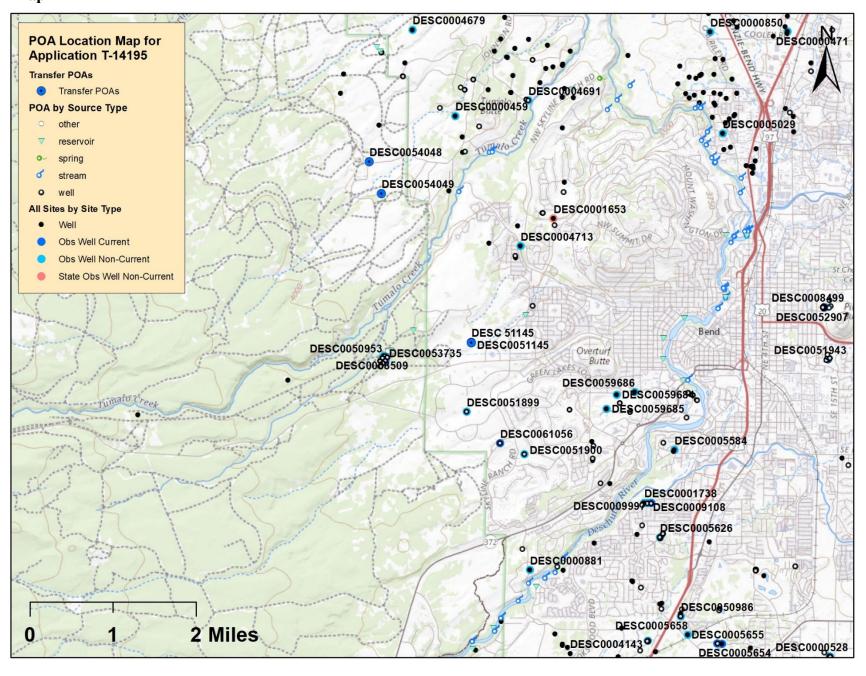
 \square Yes \square No Comments: NA

issues identified above:

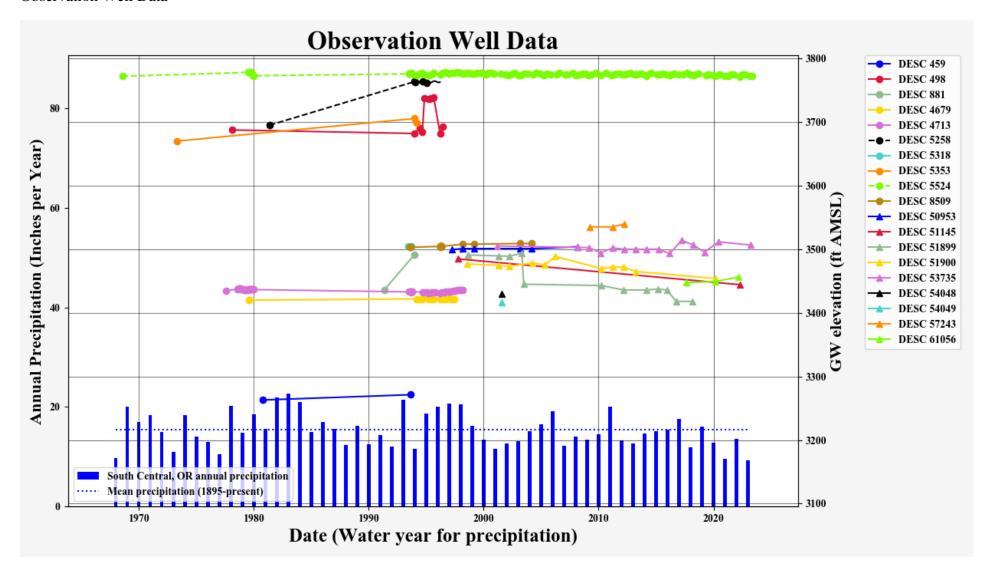
8. Any additional comments:

Page 2 of 2 Version: 20210204

Transfer Map



Page 1 of 1 Version: 20210204



Page 1 of 1 Version: 20210204