

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14341

GW Reviewer Grayson Fish Date Review Completed: 11/16/2023

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-14341

Applicant Name: Kiriakov and Hristov

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

Reviewer(s): Grayson Fish

Date of Review: 11/16/2023

Date Reviewed by GW Mgr. and Returned to WRSD: _____

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 transfer 6.2 acres of irrigation place of use located on tax lot 415 from **Sump #1** authorized under **Groundwater Certificate 54825** to proposed POA well **JOSE 11597**. The remaining 3.0 acres associated with the certificate located on tax lot 1300 will not be transferred.
 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: The locations of the authorized sumps and proposed **POA JOSE 11597** are mapped as Quaternary Alluvium. The well log for the proposed POA **JOSE 11597** indicates that water is sourced from unconsolidated sediments with a static water level of 8 feet below land surface on July 5, 1984. The applicant did not provide construction information for either of the authorized sumps, however, it is likely that any sump in the area would access shallow groundwater water present in the unconsolidated sediments of Democrat Gulch. Despite the expected differences in depth between the authorized sumps and the proposed well, the proposed POA appears to develop the same source as the existing authorized POA.
 3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
☐ Yes ☒ No The only developed source appears to be shallow groundwater from the unconsolidated Quaternary Alluvium.
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: The proposed POA JOSE 11597 is located closer to permitted sumps and exempt use wells to the south when compared to the authorized sump POA. The nearest exempt well is JOSE 58499 and is located approximately 500 feet to the southeast based on the driller's map. The nearest permitted groundwater point of appropriation is a sump under groundwater Certificate 56984 located approximately 1,750 feet to the southeast.

- 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 relatively low requested rate (19 gpm) and distances to the nearest groundwater users make it unlikely that another groundwater right would not receive the water to which it is legally entitled to as a result of the changes proposed by this transfer.

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 POA JOSE 11597 accesses an aquifer that is hydraulically connected to Democrat Gulch located approximately 450 feet to the south compared to the approximately 850 feet from the mapped location of authorized POA Sump #1. The reduced intervening distance to Democrat Gulch will likely result in an increase in interference with this surface water source.

- 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: Democrat Gulch ☒ Minimal ☐ Significant

Stream: _____ ☐ Minimal ☐ Significant

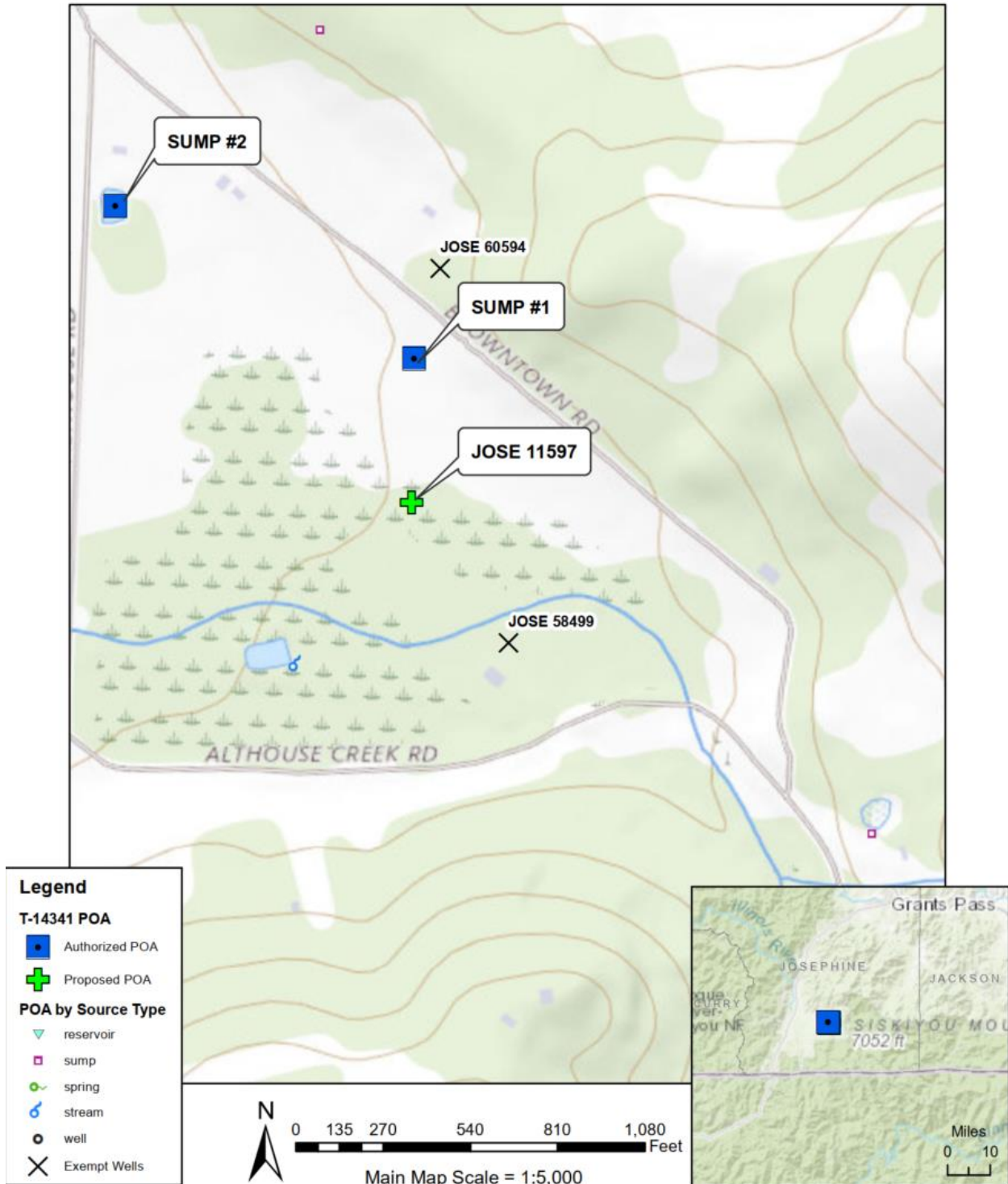
Provide context for minimal/significant impact: Given the relatively minor change in distance of the proposed POA JOSE 11597 from the mapped location of Sump #1, the expected increase in interference is likely to be minimal when compared to what would already be occurring under Certificate 54825.

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: _____

T-14341

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