

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 14493

GW Reviewer Grayson Fish Date Review Completed: 7/25/2024

## 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-14493

Applicant Name: Cheyne Brothers LLC and Lee Sukraw

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

Reviewer(s): Grayson Fish

Date of Review: 7/25/2024

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 6/4/25

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 applicant proposes to amend permit G-17708 in the following ways:

- Change the location of yet to be drilled POA #3 to already drilled well KLAM 55747 located approximately 2.5 miles to the east-southeast of the originally proposed POA. KLAM 55747 is also listed as a groundwater POA for Certificate 95657 and Permit G 16514.
- Correct the locations of POA #1 (KLAM 61795) and POA #4 (KLAM 61160).
- There also appear to be minor corrections in locations for POA #5, #7, #8, and #9.

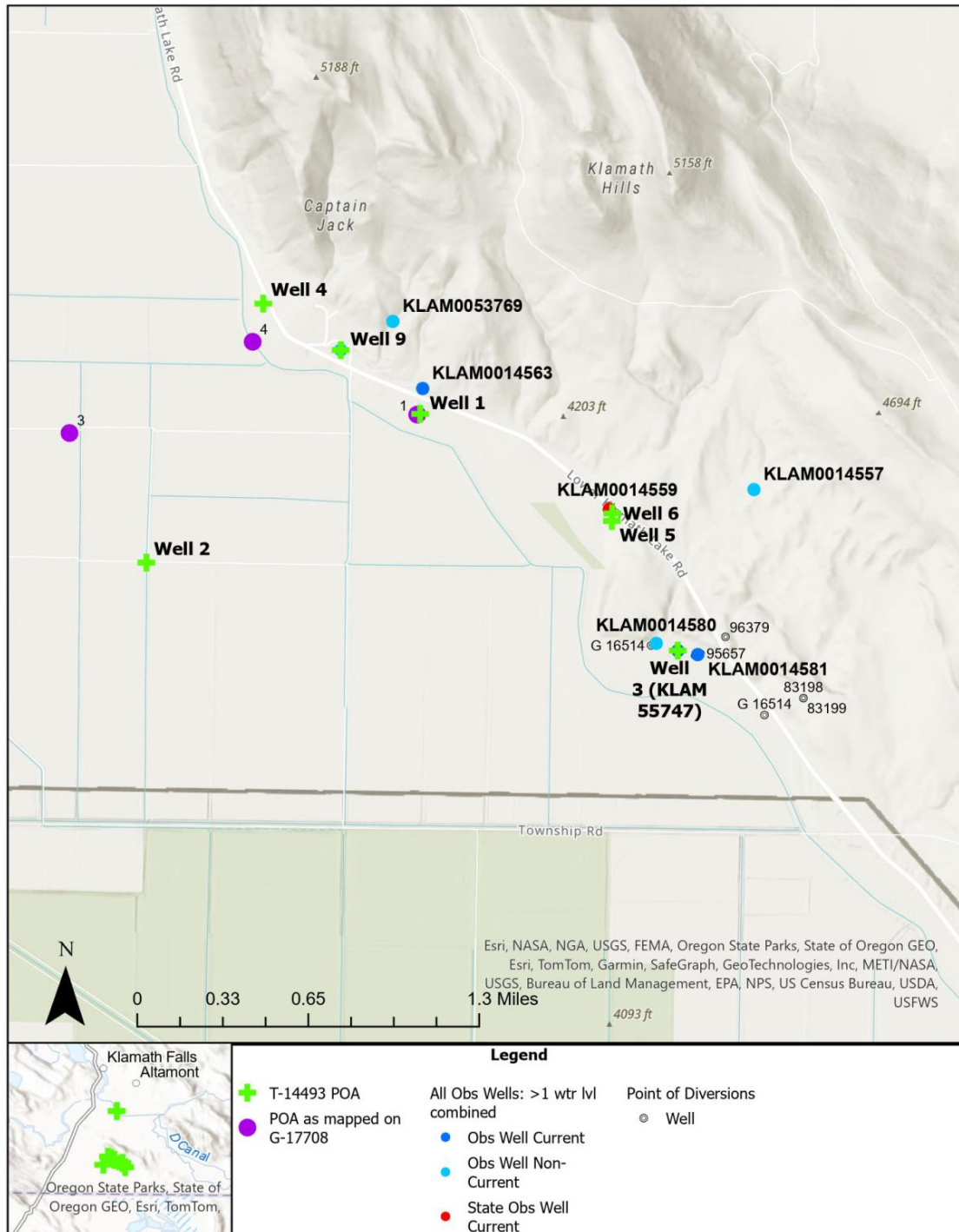
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?

☒ Yes ☐ No Comments: Many of the wells on permit G-17708 as well as other irrigation wells in the area source water from tertiary aged volcanic rocks and sediments at depth due to the high pumping yields (>1000 gpm) this unit is capable of. Shallower wells completed into quaternary or tertiary aged basin filling sediments tend to produce lower yields due to the reduced transmissivity of the fine-grained sediments. Groundwater from wells near Lower Klamath Lake Road south of Klamath Hills often show elevated temperatures.

The well log of KLAM 55747 (Proposed POA #3) notes that water is sourced from “Pumice gravel with lots of water” between 274 to 282 feet below land surface with a yield of 4,500 gpm. Long term groundwater level monitoring of wells near Lower Klamath Lake Road show similar static groundwater elevations and trends (within 5 feet) suggesting that the same source will be developed as the existing POA on Permit G-17708.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?  
☐ Yes ☒ No This permit sources water predominantly from volcanic rocks and sediments.
- 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: Moving the POA from the originally proposed location to a location approximately 2.5 miles to the east-southeast will likely result in an increase in interference with wells associated with Permit G-16514, Certificate 95657, and Certificate 96379.
- 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: Given the highly transmissive nature of the volcanic rock and sediments in the area, it is unlikely that the proposed change in location of POA #3 would result in another right not receiving the water to which it is legally entitled to.
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: The change in location of POA #3 will increase the distance from the Klamath River and is unlikely to result in an increase in interference with surface water.
- 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: Permit G-17708 requires metering devices, reporting of annual water use, and reporting of static water levels. As of this review, no static water level data for 2022, 2023 or 2024 has been submitted by the permit holder for wells KLAM 61036, KLAM 61160, and KLAM 59347.

# T-14493



**Area Hydrographs**