

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14014

GW Reviewer Phillip I. Marcy Date Review Completed: 06/23/2023

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 (checked)
Permit Amendment
GR Modification
Other

Application: T-14014

Applicant Name: Kenneth Hendricks/Hendricks Farms Inc.

Proposed Changes: POA (checked), APOA, SW to GW, RA, USE, POU, OTHER

Reviewer(s): Phillip I. Marcy

Date of Review: 06/23/2023

Date Returned to WRSD: 9/6/2024

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: Three existing certificated rights (Certs. 30600, 29998, and 33534) authorize production of groundwater from three POA wells: LINN 2737, LINN 2717, and LINN 2729. The applicant proposes to replace these exiting authorized POAs with one existing well, LINN 51763.
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
Yes No (checked) Comments: The proposed POA is constructed to develop groundwater from Columbia River Basalt Group (CRBG) interflow zones including continuous casing and seal to a depth of 169' below land surface. The three authorized POA wells are 18', 22', and 37' in total depth.
3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
Yes No (checked) All currently authorized POA wells produce from 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.): 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 (checked) Comments: There are no nearby wells constructed to produce from CRBG.
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: Hydraulic connection to local surface water is anticipated to minimal due to production from one or more deep-seated CRBG interflow zones, including a deep seal to 169' BLS, and 85' into hard rock overlying the open interval within the well.

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

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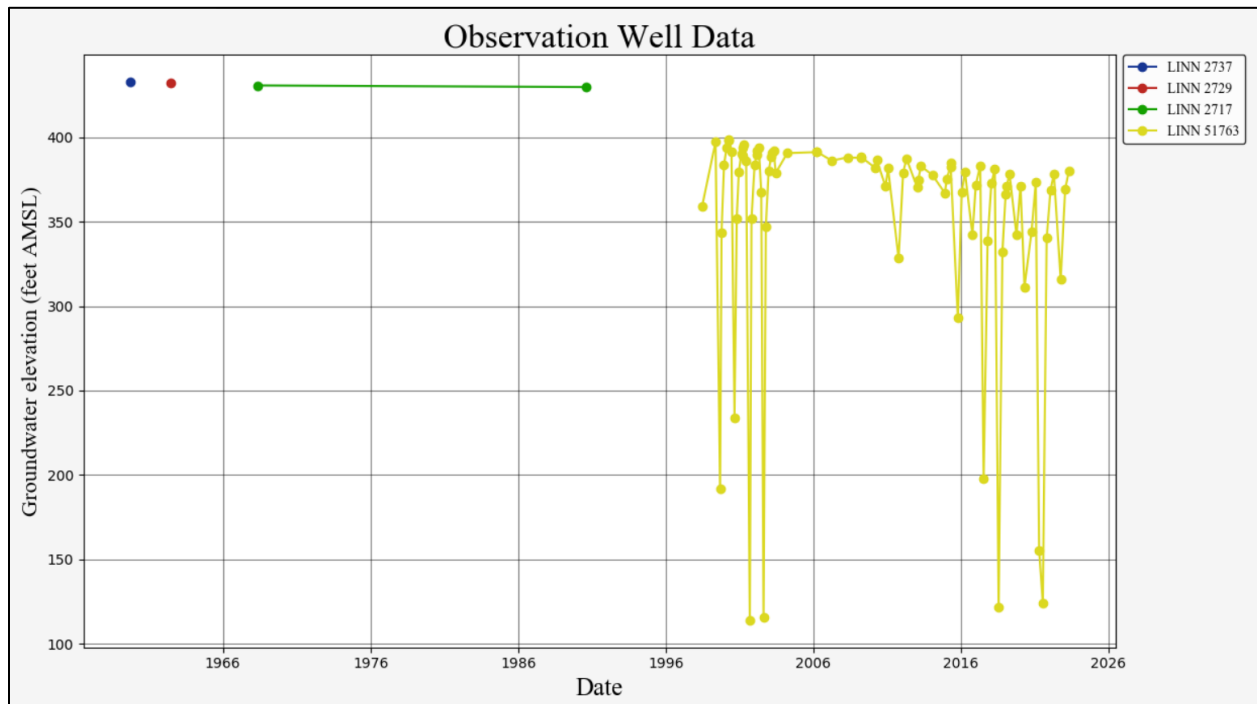
Provide context for minimal/significant impact: NA

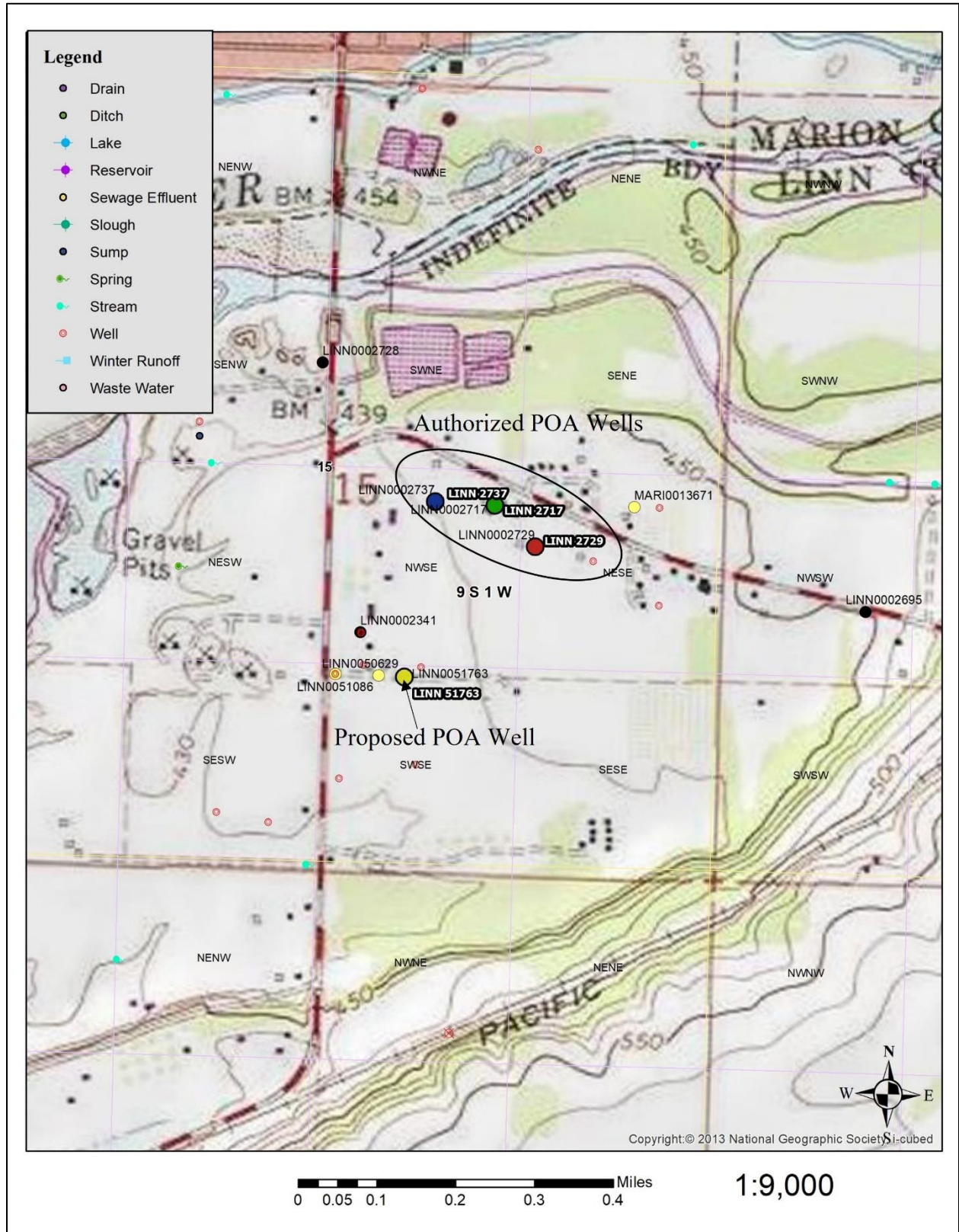
6. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?

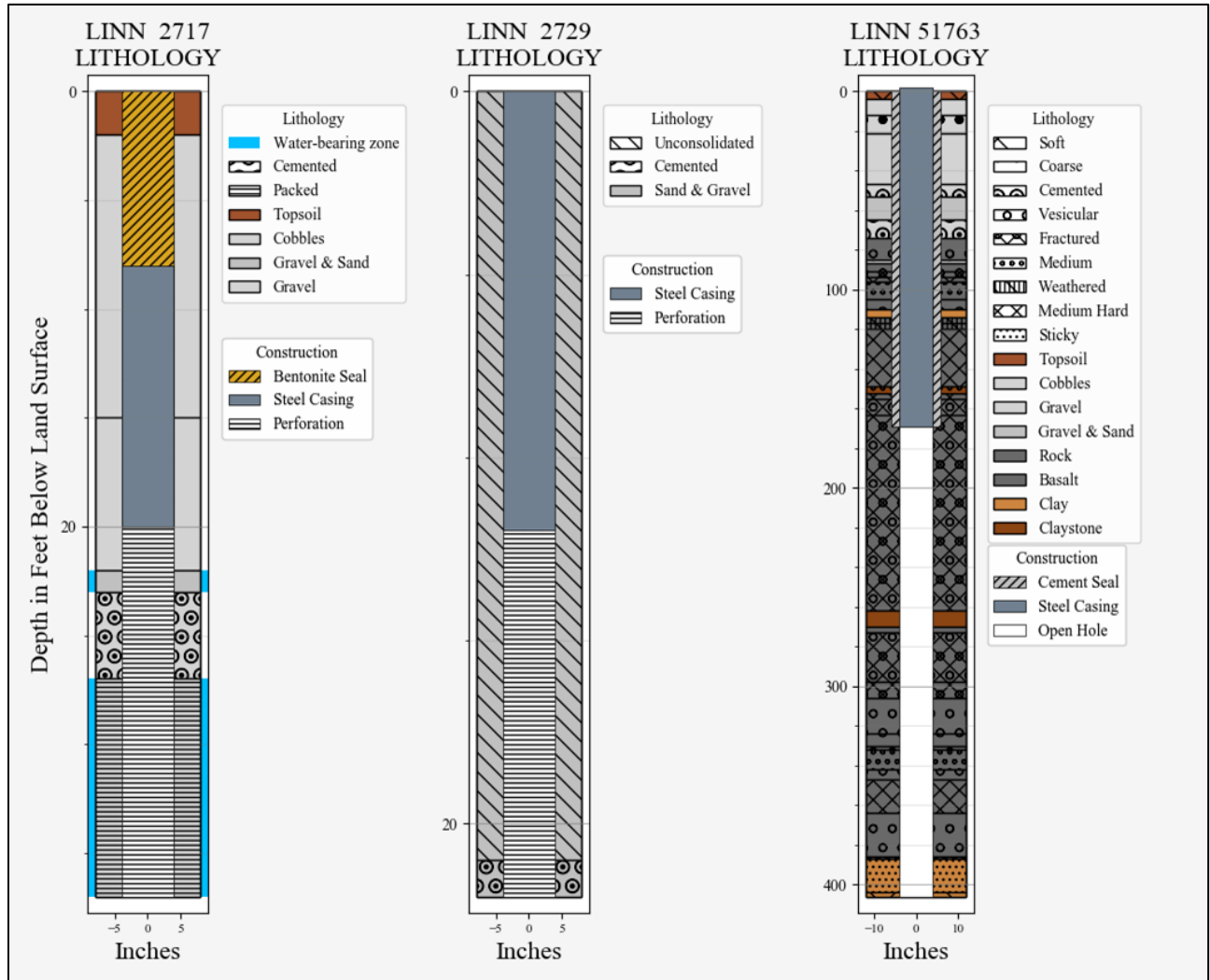
Yes No Comments: NA

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

8. Any additional comments: The proposed POA well produces from a distinctly different aquifer system than the previously authorized POA wells under the certificate water rights listed above.







The depth and construction of the three authorized POA wells (two shown above) versus that of the proposed POA well (at right) are vastly different and designed to produce from different aquifer systems.