



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-11804

Applicant Name: Hosek, Crafton, and Gilbert

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

Reviewer(s): J. Hackett

Date of Review: December 30, 2014

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: This application proposes a change in POA to a portion of water right certificate 87467.
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
☒ Yes ☒ No Comments: Both boxes are checked because two of the proposed POAs produce from the same aquifer as the authorized POA, but the third POA does not. The authorized POA is UMAT 53414. The well is 245 feet deep and produces from water-bearing zones in lava flows of the Pomona or Umatilla Members of the Saddle Mountains Formation of the Columbia River Basalt Group (CRBG) between depths of 236 and 245 feet below land surface (bls). The two POAs that produce from the same aquifer as the authorized POA are UMAT 55893 (TL 1006 Well) and UMAT 51718 (TL 1003 Well). UMAT 55893 is 240 feet deep with water-bearing zones at 150-180 feet and 220-240 feet bls. UMAT 51718 is 273 feet deep and produces from a water-bearing zone from 240-260 feet bls. The water-bearing zones in both wells are found in the Pomona or Umatilla Members of the CRBG. The third proposed POA, UMAT 56910 is 135 feet deep and produces from sands and gravels between 125-135 feet bls. The sands and gravels overly the CRBG basalt flows that the authorized POA produces from, and are not part of the same aquifer.
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.): \_\_\_\_\_

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: \_\_\_\_\_
- 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: \_\_\_\_\_
- 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. What conditions or other changes in the application are necessary to address any potential issues identified above: In order for UMAT 56910 to produce from the same aquifer as the authorized POA, it must be deepened to a total depth of 240 to 280 feet bls and the upper water-bearing zone in the well (125-135 feet bls) must cased and sealed off.
7. Any additional comments: \_\_\_\_\_

## Well Location Map

