

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 13488 (RA)

GW Reviewer Travis Brown Date Review Completed: 8/17/2020

## 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-13488

Applicant Name: Aaron and Wendy Nofziger

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

Reviewer(s): Travis Brown

Date of Review: 8/17/2020

Date Reviewed by GW Mgr. and Returned to WRSD: JTI 8/19/2020

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: Applicant wishes to replace 1 authorized POA with 2 proposed (not yet constructed) POA:

**From-POA**

<u>Name/No.</u>	<u>Well Log ID</u>	<u>T/R-S QQ-Q</u>	<u>Metes &amp; Bounds Description</u>
Authorized Well	CLAC 18557	4S/1E-26 SE-SE	15' N, 280' W fr SE cor S 26

**To-POA**

<u>Name/No.</u>	<u>Well Log ID</u>	<u>T/R-S QQ-Q</u>	<u>Metes &amp; Bounds Description</u>
Well 1	Proposed	4S/1E-25 SW-SW	875' N, 105' E fr SW cor S 25
Well 2	Proposed	4S/1E-25 SW-SW	65' N, 185' E fr SW cor S 25

The proposed To-POA will be used to irrigate 17.08 acres of the total 110.12 acres authorized under Certificate 79974\*. The existing authorized POA (CLAC 18557) will presumably continue to be used to irrigate the remaining 93.04 acres. The applicant has specified a combined well-specific rate of 0.156 cfs (70 gpm) for both proposed To-POA. The maximum rate for all POA (both existing and proposed) authorized under Certificate 79974\* must not exceed 1.0 cfs.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: The authorized well (CLAC 18557) is completed in alluvial sediments to a depth of 320 ft bls. The proposed To-POA wells would be completed nearby to a depth of 400 ft bls.

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.): N/A
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 To-POA will be closer to several neighboring wells, which will likely increase interference with these wells.
- 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 nearest known neighboring well to either of the proposed To-POA is CLAC 56632, ~1,000 ft away from proposed To-POA Well 1. At that distance, the relatively low well-specific rate (70 gpm) of the proposed To-POA is unlikely to cause interference sufficient to deprive CLAC 56632 or similarly located neighboring wells of their customary use of groundwater.
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 proposed To-POA Well 1 will be closer to Gribble Creek, which will likely increase 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: Gribble Creek  Minimal  Significant  
Stream: Creamery Creek  Minimal  Significant  
Provide context for minimal/significant impact: The water-bearing zones targeted by the existing From-POA and proposed To-POA are overlain by a thick sequence of fine-grained sediments, which will buffer depletions to (interference with) local streams. While there will still be some depletion of surface water, the expected change in degree of interference will be minimal.
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: N/A
7. What conditions or other changes in the application are necessary to address any potential issues identified above: None
8. Any additional comments: None

### References

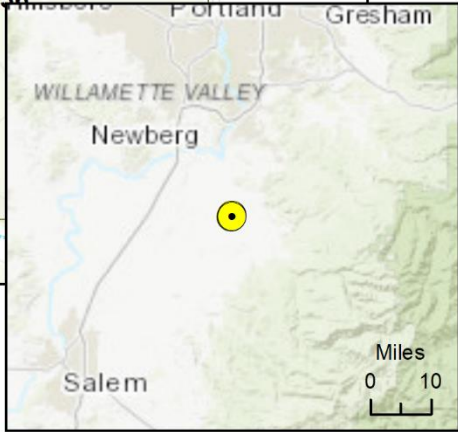
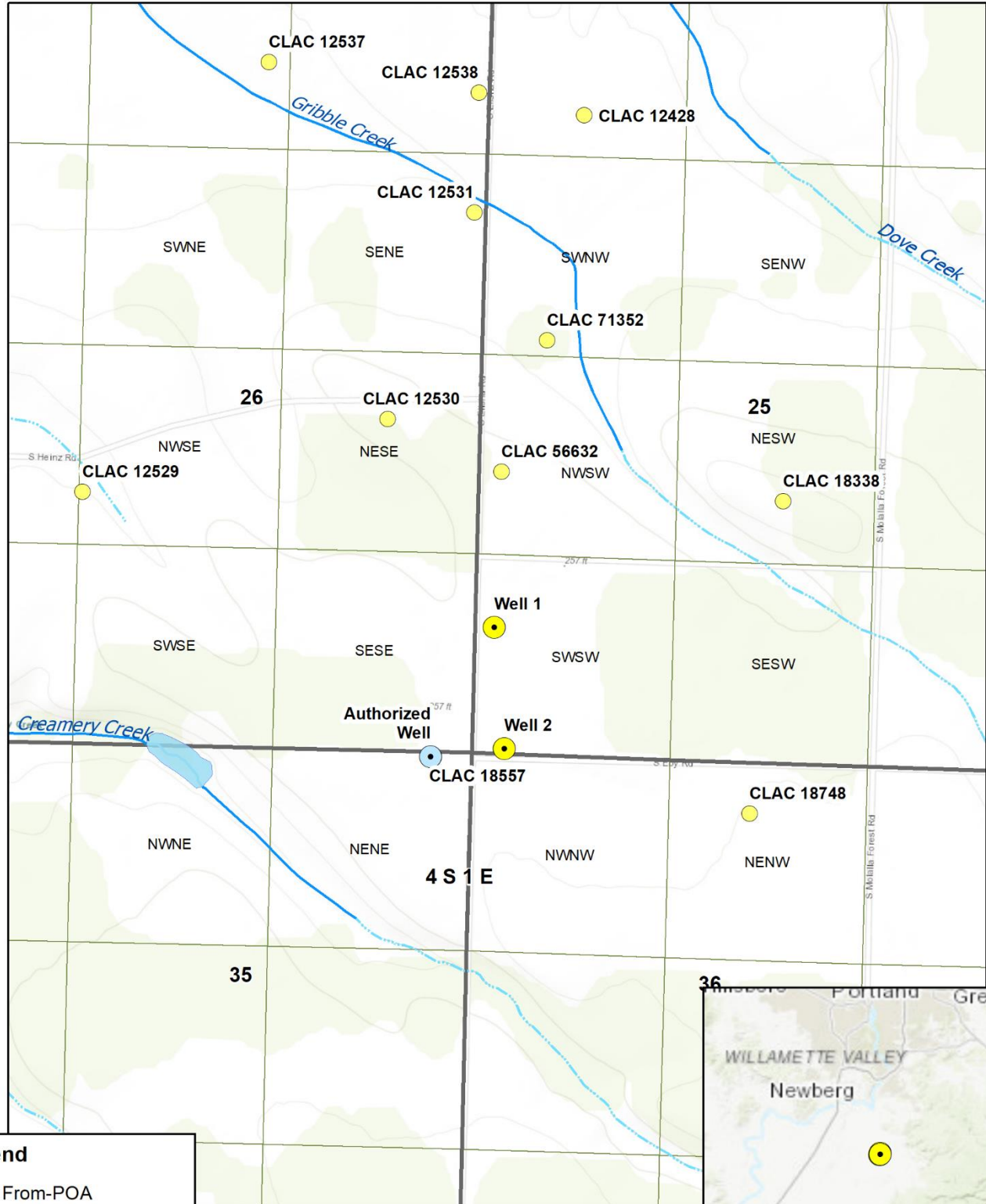
Application File: T-13488

Certificate: 79974\*

Woodward, D.G., Gannett, M.W., and Vaccaro, J.J., 1998, Hydrogeologic framework of the Willamette Lowland aquifer system, Oregon and Washington: U.S. Geological Survey Professional Paper 1424-B, 82 p.

Well Location Map

T-13488 (RA) Nofziger



**Legend**

- From-POA
- To-POA
- Quaternary-Late Tertiary Sediment Aquifer Wells

**Scale**

0 500 1,000 1,500 2,000 2,500 Feet

Main Map Scale = 1:12,000

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