



Oregon Water Resources Department  
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### Ground Water Review Form:

- Water Right Transfer
- Permit Amendment
- GR Modification
- Other-District Temporary Transfer

Application: T-11238

Applicant Name: Echo Irrigation District

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

Reviewer(s): Mike Zwart

Date of Review: May 25, 2011

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 district has annually proposed temporary transfers (eg, T-10818 in 2009 & T-11051 in 2010) which involve multiple additional POAs and changes in POU. This proposal is similar and all wells involved in the transfer develop the same basalt groundwater source within the same subareas (D & H) of the Stage Gulch Critical Groundwater Area.
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes     No    Comments: \_\_\_\_\_
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: Previous use of proposed wells for similar temporary transfers has not appeared to have caused significant interference with other 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: \_\_\_\_\_
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: See comments below.
  
- 7. Any additional comments:Approval of temporary transfers within the Stage Gulch Critical Groundwater Area complicates the annual task of allocating water to the water users. It is typical that a single flowmeter is installed at each authorized well. Pumping under an approved temporary transfer often results in water authorized under multiple rights of record being commingled as it passes through the single flowmeter. The lack of an adequate number of measuring devices being installed at the wells and/or the multiple places of use has resulted in previous allocations which were based on rough estimates of the proportion of the total water pumped under each of the rights. Hale Farms has previously raised objections to some proposed allocation orders. They asserted that a greater quantity of water should have been allocated to particular rights of record and less to others. While these objections have been resolved, no specific data were produced by Hale Farms that clearly demonstrated the merit of the relative quantities of water that should have been allocated. Therefore, it appears likely that additional objections to future allocation orders will be forthcoming unless the Department is able to receive and evaluate more comprehensive water-use data.

