

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-14617

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T4N/R29E-6

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart

TO: Water Rights Section Oct. 20 1997
FROM: Groundwater/Hydrology Section Michael Zwart
SUBJECT: Application G-14617 Reviewer's Name

GROUNDWATER/SURFACE WATER CONSIDERATIONS

- 1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.

- 2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. ___ will, or _____ have the potential for substantial interference with the nearest
 - b. ___ will not _____ surface water source, namely _____; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7 B;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

- 3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. ___ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. ___ will not _____ and/or within the capacity of the resource; or
 - e. will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. The permit should contain condition #(s) 7 E;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below;

- 4.
 - a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
 - b. ___ The permit should allow groundwater production from no shallower than _____ ft. below land surface;
 - c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE

Date: October 20, 1997

From: MICHAEL ZWART

Subject: APPLICATION G-14617, PAUL E. HENDERSON

This application proposes to use up to 40 gpm of groundwater from a proposed well for irrigation of 2.15 acres and domestic use expanded. The well will be completed to a depth of 150 to 250 feet and will penetrate a confined to semiconfined aquifer developed in basalt of the Columbia River Basalt Group. There are no identified surface water sources, other than canals, within one mile of the proposed well site. It is concluded that the well will not have the potential for substantial interference with surface water sources.

Permit conditions 7B and 7E are recommended due to the proximity of senior groundwater rights and concerns about declining water levels in nearby basalt wells.

The Umatilla Basin program includes a provision (690-507-070(3)(d)(C)) that restrictively classifies groundwater in the basalt aquifers within a five-mile radius of municipal wells of the City of Hermiston. This classification only applies if the city has a full-time conservation program in effect. If such a program is in effect, the city may need to approve of the proposed use.