## Water Right Conditions Tracking Slip Groundwater/Hydrology Section FILE ## G-14617 ROUTED TO: Water Rights TOWNSHIP/ RANGE-SECTION: T+N/R29E-6 CONDITIONS ATTACHED? Hyes [Ino REMARKS OR FURTHER INSTRUCTIONS: Reviewer: Michael Zwart

October 20 , 1997 MEMO Application G-14617 TO FROM SUBJECT Scenic Waterway Interference Evaluation \_\_ Yes The source of appropriation is within or above a Scenic Waterway. No Yes Use the Scenic Waterway condition (Condition 7J). MNO PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true) At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife. FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked) Exercise of this permit is calculated to reduce monthly flows in Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced. Oct Aug Jan Feb Mar Apr May Jun Jul Sep N<sub>ov</sub> Dec

Water Resources Department

GROUNDWATER AVAILABILITY CONSIDERATIONS  3. BASED UPON available data, I have determined that groundwater for the proposed use awill, or likely be available in the amounts requested without injury to prior rights bwill 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:  1. The permit should contain condition #(s) 7 = ;  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  4. a. THE PERMIT should allow groundwater production from no deeper thanft. below land surface;  b. The permit should allow groundwater production from no shallower thanft. below land surface;  c. The permit should allow groundwater production only from the	TO:	Water Rights Section 6.4. Zo 199_7
GROUNDWATER/SURFACE WATER CONSIDERATIONS  1. PER THE	FROM:	Groundwater/Hydrology Section Michael Zwart
PER THE	SUBJECT:	
awill, or have the potential for substantial interference with the nearest bwill not surface water source, namely or cwill if properly conditioned, adequately protect the surface water from interference:  iThe permit should contain condition #(s) \( \frac{7}{3} \);  iiThe permit should contain special condition(s) as indicated in "Remarks" below; iiiThe 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 awill, or likely be available in the amounts requested without injury to prior rights bwill not and/or within the capacity of the resource; or ewill if properly conditioned, avoid injury to existing rights or to the groundwater resource:  iThe permit should contain condition #(s) \( \frac{7}{2} \);  iiThe permit should contain special condition(s) as indicated in "Remarks" below; iiiThe permit should be conditioned as indicated in item 4 below; or  4. aTHE PERMIT should allow groundwater production from no deeper thanft. below land surface;  bThe permit should allow groundwater production only from thegroundwater reservoir between approximatelyft. andft. below land surface;  cThe permit should allow groundwater production only from thegroundwater reservoir between approximatelyft. andft. below land surface;  dWell reconstruction is necessary to accomplish one or more of the above conditions.  eOne 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.	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
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(Well Construction Considerations on Reverse Side)

## STATE OF OREGON WATER RESOURCES DEPARTMENT

## INTEROFFICE MEMO

Ta 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.