Water Resources Department

MEMO June 9, 1998

TO Application G-14754

FROM GW: Michael Zwart
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

☑ Yes
☐ No

The source of appropriation is within or above a Scenic Waterway.

☑ Yes
☐ No

Use the Scenic Waterway condition (Condition 7J).

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.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

TO: Water Rights Section

June 9, 1998

FROM: Groundwater/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G-14754

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. X will if properly conditioned, adequately protect the surface water from interference:
      i. X The permit should contain condition #(s) 7J;
      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
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B;
      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 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)

OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO

To: Groundwater files Date: June 9, 1998

From: Michael J. Zwart

Subject: Application Review: G-14754, Young Life, Jay McAlonen

This application proposes to use about 400 gpm from a well (#25, WASC 4011) for quasimunicipal use. The well is constructed to a depth of 220 feet and has a reported static water level of 18.5 feet below land surface. The well penetrates a confined to semi-confined aquifer developed in tuffaceous sediments and andesitic lava flows of the Clarno Formation. The review of file G-14549 is incorporated by reference here.

The well is about 400 feet from Muddy Creek. It is concluded that there is no potential for substantial interference with the creek. This is based on the aquifer penetrated.

I recommend permit conditions 7B and 7J.

I have previously recommended permit condition 7A for file G-14549, so unless no permit is issued for that application or the permit does not include that condition, I believe that it would be redundant to recommend the same condition here.

The objective for Pollution Abatement in the Middle Fork Subbasin shall be to minimize sediment produced from forestry activities and resolve localized water quality problems. Water quality should be improved by eliminating non-point discharges, improving riparian conditions, and improving summer streamflows.

(e) North Fork Subbasin

(A) The objective for Pollution Abatement in the North Fork Subbasin shall be to minimize sediment produced from forestry activities and resolve localized water quality problems. Water quality should be improved by eliminating non-point discharges, improving riparian conditions, and improving summer streamflows.

(B) The objectives for Recreational Use in the North Fork Subbasin shall be to provide for instream recreational values and increased flows for boating on the North Fork John Day River. Recreational access and facilities should be increased as needed.

(C) Reduce erosion damage from high streamflows throughout the subbasin.

(D) Reduce ice scouring on the North Fork John Day River between Monument and Kimberly.

(f) Lower Subbasin

(A) The objective for Recreational Use in the Lower Subbasin shall be to protect and enhance recreational uses in the John Day Scenic Waterway and to increase recreational access and facilities as needed.

(B) Reduce damage from high streamflows on the John Day River and Thirtymile Creek.

(C) Slow runoff to increase infiltration of water on cultivated farmland.

(D) Protect the quantity and quality of ground water in Columbia River Basalt and alluvial aquifers.

Classifications

690-506-040

(1) Except as otherwise provided by the Commission, the Department shall not accept an application for a permit to appropriate any of the surface or ground waters of the John Day River Basin for any uses except those for which the waters are classified.

(2) Except as otherwise provided in this rule, the surface and ground waters of the John Day River Basin are classified for domestic, livestock, municipal, ground water recharge, irrigation, agricultural, power, commercial, industrial, mining, fire protection, recreation, pollution abatement, wildlife, and fish life uses.

(3) The waters of the natural lakes of the John Day River Basin are classified for domestic, livestock, irrigation of lawns or non-commercial gardens less than one-half acre, power development less than 100 theoretical horsepower, fire protection, recreation, pollution abatement, wildlife, fish life, and agricultural uses.

(4) The Department shall include in any permit for a well producing from Quaternary Alluvium a condition that the use of water from the well shall be regulated according to priority date in the same manner as, and conjunctively with, surface water from the nearest stream.

(5) Ground water of Quaternary Alluvium is classified for the same uses as the surface water in the adjacent stream.

(6) Upper Mainstem Subbasin

(a) The waters in the John Day River from Rail Creek to USGS Gage 14040500 at Picture Gorge, and in the following streams and all tributaries, in the Upper Mainstem Subbasin are classified for the uses in subsections (b), (c), and (d):

(A) Cottonwood Creek

(B) Canyon Creek

(C) Beech Creek

(D) Strawberry Creek

(E) McClellan Creek

(F) Fields Creek

(G) Belshaw Creek

(H) Moon Creek

(I) Dog Creek

(J) Little Pine Creek

(K) Laycock Creek

(L) Grub Creek

(M) Indian Creek

(N) Bear Creek

(O) Dixie Creek

(P) Deardorff Creek

(Q) Reynolds Creek