

## Permit Extension Ground Water Review

**Date:** 5/25, 2007  
**To:** Doug Woodcock, Ground Water Section Manager  
**From:** Kim French, Permit Extension Review  
**Subject:** Ground Water Review for File G- 14607 / Permit G- 13512  
(Date permit issued: 10/28/98)

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The above referenced permit is currently being reviewed for an extension of time. Before I can determine whether or not an extension of time should be granted, a Ground Water review for this file is necessary. Special designations affecting this permit are as follows:

**NOTE:** Original Division 9 review completed by: Michael Zwart

- Located within a Ground Water Administrative Area (Critical, Limited, etc.)
- 5-Year Limited Permit
- Other:
- None (no special designations)

**Review by Donn Miller, 8/23/07**

### **For Ground Water / Hydrology Staff Use:**

***Please answer the following questions. If necessary, attach an additional sheet.***

1. Does the ground water source under this permit have the potential for substantial interference with surface water? NA  
*[NOTE: Applies ONLY to Municipal permits issued before November 2, 1998 - see OAR 690-315-0080(1) & (2)]*
2. Are there ground water supply concerns relevant to this extension of time that the Department should consider? Possibly. The subject well has declined since it was drilled in 1998. The extent of decline is unclear due to failure to submit data in recent years.  
*[NOTE: Does NOT apply to Quasi- Municipal or Municipal permits issued before November 2, 1998 - see OAR 690-315-0080(5)]*
3. Should the Department establish a new reference level for water level declines due to the failure of permittee to submit annual measurements? No. The 3/6/2000 measurement of 280 feet is the reference level per the permit formula.
4. Should any additional conditions be added to this permit? Yes. The annual water level measuring and reporting provision in the permit should be explicitly on-going until the Director says otherwise.
5. Other issues or concerns? The permittee failed to submit the required water level data for 1999, 2003, 2004, 2005, and 2006.

TO: Water Rights Section Sept. 29, 1997  
FROM: Groundwater/Hydrology Section Michael Zwart  
SUBJECT: Application G- 14607  
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  
c.  will if properly conditioned, avoid injury to existing rights or to the groundwater resource:  
    i.  The permit should contain condition #(s) 7 C;  
    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)



STATE OF OREGON  
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE

Date: September 29, 1997

From: MICHAEL ZWART

Subject: APPLICATION G-14607, MELVIN G. OMEG

This application proposes to use 1069 gpm of groundwater from one proposed well for primary irrigation of 190.85 acres. The well is proposed to be 550 feet deep and will penetrate a confined to semiconfined aquifer developed in basalt rocks of the Columbia River Basalt Group. It is about 2800 feet from Threemile Creek. The aquifer is not likely in hydraulic connection with the nearby reach of the creek. There is no potential for substantial interference with the creek, based on the aquifer penetrated and the distance.

Permit conditions 7B and 7C are recommended.