

TO: Water Rights Section March 19, 2001
FROM: Groundwater/Hydrology Section Michael Zwart
SUBJECT: Application G-15254 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) 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
 - 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) 7C;
 - 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: Ground Water Files

Date: March 19, 2001

From: Michael J. Zwart

Subject: Application Review: G-15254, Jerry T. and Jora J. Phetteplace

This application proposes to use about 60 gpm from two wells for supplemental irrigation of 28.6 acres and domestic use. The wells (WASC 50275 & 50813) are completed to depths of 285 and 505 feet, respectively, and penetrate a semiconfined to confined aquifer developed in basalt of the Columbia River Basalt.

The wells are about 600 and 1000 feet from Threemile Creek. The aquifer is not likely to be in hydraulic connection with the nearby reach of the creek. Therefore, there is no potential for substantial interference.

I recommend permit conditions 7B and 7C.

Analysis for Application: G15254**Location: 1.00 N-13.00 E-27-swnw****Uses: IR 1.500 (S)****Basins**

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1**WaterMaster Districts**

WATERDIST	REGION
3	NC

Records Found: 1**WAB**

BASIN	WID	LINK_1
4	30410534	Water Availability: 50% 80%

Records Found: 1**County**

COUNTY	FIPS
Wasco	41065

Records Found: 1**Groundwater Restricted Records Found: 0****Divison 33 Area**

DIV33
In a Div33 area

Records Found: 1**Rule 4D**

RULE4D
In a Rule4D Area

Records Found: 1**303D Streams Records Found: 0****303D Lakes Records Found: 0**

Location: 1.00 N-13.00 E-27-nwnw

Uses: DN 0.000 (P) , IR 14.500 (S)

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION
3	NC

Records Found: 1

WAB

BASIN	WID	LINK_1
4	30410534	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Wasco	41065

Records Found: 1

Groundwater Restricted

NAME1	NAME2	SUB_AREA	STATUS	SQ_MI
THE DALLES			CRIT	15.39000
THE DALLES	THREEMILE RESERVOIR		CRIT	5.51000

Records Found: 2

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1.00 N-13.00 E-28-sene

Uses: IR 2.600 (S)

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION
3	NC

Records Found: 1

WAB

BASIN	WID	LINK_1
4	30410534	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Wasco	41065

Records Found: 1

Groundwater Restricted Records Found: 0**Divison 33 Area**

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0**303D Lakes Records Found: 0**

Location: 1.00 N-13.00 E-28-nene

Uses: IR 10.000 (S)

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION
3	NC

Records Found: 1

WAB

BASIN	WID	LINK_1
4	30410534	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Wasco	41065

Records Found: 1

Groundwater Restricted

NAME1	NAME2	SUB_AREA	STATUS	SQ_MI
THE DALLES			CRIT	15.39000
THE DALLES	THREEMILE RESERVOIR		CRIT	5.51000

Records Found: 2

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0