

Analysis for Application: G15719

Location: 1.00 N-13.00 E-28-swse

Uses: IR 23.100 (P)

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Dalles

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-33-nwne

Uses: IR 1.900 (P)

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Dalles

Records Found: 1

WAB

BASIN	WID	LINK_1
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County

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Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

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Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

TO: Water Rights Section

March 20, 2002

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

SUBJECT: Application G-15719

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)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one groundwater reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more groundwater reservoirs;
 - e. ___ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. ___ was, or constructed according to the standards in effect at the time of
 - b. ___ was not original construction or most recent modification.
 - c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____, 199____
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199____
(Signature)

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Ground Water Files Date: March 20, 2002

From: Michael J. Zwart

Subject: Application Review: G-15719, Rebecca L. Nelson

This application proposes to use about 85 gpm from one well for primary irrigation of 25.0 acres. The well (WASC 50957) is completed to a depth of 605 feet and penetrates a semiconfined to confined aquifer developed in basalt of the Columbia River Basalt Group.

The well is about 1300 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 with the creek.

I recommend permit conditions 7B and 7C.

Plat Card Report for: Township: IN, Range: 13E Section: 28

Application	Permit	Certificate	Status lot/dlc	NE			NW			SW			SE			Gov't Lot	dlc
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
G 8 4/16/1947	G 482	31384	Cncld														
G 8 4/16/1947	G 482	32397	Cncld														
G 8 4/16/1947	G 482	75147	Cncld														
G 8 4/16/1947	G 482	75457	Cncld														
G 66 4/4/1955	G 485	31385	Cncld														
G 66 4/4/1955	G 485	32396	Cncld														
G 66 4/4/1955	G 485	75146	Cncld														
G 66 4/4/1955	G 485	75458	Cncld														
U 869 7/19/1955	U 756	32601	Cncld	14,000 IR Cncld	10,700 IR Cncld	26,800 IR Cncld	22,900 IR Cncld										
U 869 7/19/1955	U 756	76863	Cncld	14,000 IR	10,700 IR	26,800 IR	22,900 IR							8,400 IR Cncld	22,600 IR Cncld		

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Plat Card Report for: Township: IN, Range: 13E Section: 28

Application#	Permit	Certificate#	Status lot/dlc	NE			NW			SW			SE			Gov't Lot	dlc
				NE	NW	SW	SE	NW	SW	SE	NE	NW	SW	SE	NW		
G 9611 3/15/1980	G 8798	65769															
G 10912 3/30/1983	G 10127	76988	1.800 IS (s)														
G 10912 3/30/1983	G 10127 *	76988	4.200 IR														
G 13673 4/25/1994	G 12708		8.200 IS (s)														
G 13673 4/25/1994	G 12708 *		1.800 IR														
G 14607 9/15/1997	G 13512						18.750 IR										
G 15254 11/15/2001			10.000 IR (s)														
G 15719 3/5/2002																	
S 33152	S 28546		11.800 IS (s)	21.800 IS (s)	19.600 IS (s)	3.400 IR											
S 33152	S 28546 *					23.000 IS (s)											

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Plat Card Report for: Township: 1N, Range: 13E Section: 28

Application	Permit	Certificate	Status lot/dlc	NE			NW			SW			SE			Gov't Lot	dlc
				NE	NW	SE	NE	NW	SE	NE	NW	SE	NE	NW	SE		
S 39834 5/5/1964	S 29656	35399		1.800 IR		2.600 IR											
S 47024 6/1/1970	S 35177			4.200 IR	3.500 IR	11.800 IR								5.400 IR			
S 57319 4/19/1978	S 43315			5.200 IR	1.800 IR	2.500 IR							2.100 IR	8.700 IR			

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Plat Card Report for: Township: IN, Range: 13E Section: 33

Application#	Permit	Certificate#	Status lot/dlc	NE			NW			SW			SE			Gov't Lot	dlc
				NE	NW	SW	NE	NW	SW	NE	NW	SW	NE	NW	SW		
12/31/1868	D 7984 *	7984		4.000 IL	2.000 IL												
12/31/1890	D 7990 *	7990									3.100 I*						
G 8 4/16/1947	G 482 *	31384	Cncld				25.800 IR Cncld										
G 8 4/16/1947	G 482 *	32397	Cncld				25.800 IR Cncld										
G 66 4/4/1955	G 485 *	31385	Cncld				25.800 IS (s) Cncld										
G 66 4/4/1955	G 485 *	32396	Cncld				25.800 IS (s) Cncld										
U 215 11/9/1946	U 194 *	19537	Cncld					23.400 IR Cncld	5.300 IR Cncld	8.400 IR Cncld	22.200 IR Cncld						
G 1600 10/12/1959	G 1466	33343						20.600 IR			9.400 IR						
G 7916 3/11/1977	G 8540	60431						20.600 IS (s)			9.400 IS (s)						
G 8639 2/10/1978	G 8293	76343						3.800 IR		1.600 IR	0.400 IR						

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Plat Card Report for: Township: 1N, Range: 13E Section: 33

Application	Permit	Certificate	Status lot/dlc	NE			NW			SW			SE			Gov't Lot	dlc
				NE	NW	SW	NE	NW	SW	NE	NW	SW	NE	NW	SW		
G 9611 3/15/1980	G 8798	65769			3.600 IR												
G 14607 9/15/1997	G 13512																
G 15719 3/5/2002					1.900 IR												

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