

TO: Water Rights Section

9/26 1994

FROM: Groundwater/Hydrology Section Maria Norton

Reviewer's Name

SUBJECT: Application G- 14287

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 Jones Ditch; or
 - c. ___ will if properly conditioned, adequately protect the surface water from interference:
 - i. ___ The permit should contain condition #(s) _____;
 - 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) 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)

14287

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

RECEIVED WATER WELL REPORT
AUG 27 1973
STATE OF OREGON
STATE ENGINEER
SALEM, OREGON

RECEIVED AR 100/2W-18
JUN 27 1973
State Well No. 65/2W-18
State Permit No.
SALEM OREGON

STATE ENGINEER, SALEM, OREGON 97304
within 30 days from the date of well completion.

(Please type or print)
Do not write above this line

NEAR BY WELL

(1) OWNER:

Name Hennis Mc Cloughry
Address 8429 Ransome Dr Salem Ore

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

10" Diam. from +1 ft. to 122 ft. Gage 1250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

Size of perforations in. by in.
5.26 perforations from 110 ft. to 121 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
" No Test Made "
" _____ " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
" _____ " "
" _____ " "
Artesian flow g.p.m. _____
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Bentonite & 1/4 Minus Cuck
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal 1 1/2 sacks
Brand name of bentonite National
Number of pounds of bentonite per 100 gallons of water 30 lbs./100 gals.
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Marion Driller's well number _____
1/4 1/4 Section 18 T. 6S R. 2W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 35 ft.
Static level 8 ft. below land surface. Date 6-25-72
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 10
Depth drilled 122 ft. Depth of completed well 122 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Black Soil	0	2	
Brown Clay	2	35	
Sandy Clay	35	40	
Gravel + Sand	40	75	
Clay - some Gravel	75	83	
Black Sand	83	94	
Gravel	94	122	

Work started 6-14 1973 Completed 6-21 1973
Date well drilling machine moved off of well 6-22 1973

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] William Stenell Date 6-25, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 455

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name ROBINSON'S EOLA WELL DRILLING
(Person, 4510 DALLAS RD., N. W. (Type or print)

Address SALEM, OREGON-97304

[Signed] George H. Robinson
(Water Well Contractor)

Contractor's License No. 13 Date 6-25, 1973

REVIEW CHECKLIST

FOR G- 14287

- Appropriate parts of the stream index
- Estimated number of wells within one-mile radius & identified types.
- Verify that the well log is in application. If not, provide one.
- State observation wells within five-mile radius.
- List groundwater permits within a five-mile radius with extraordinary conditions.

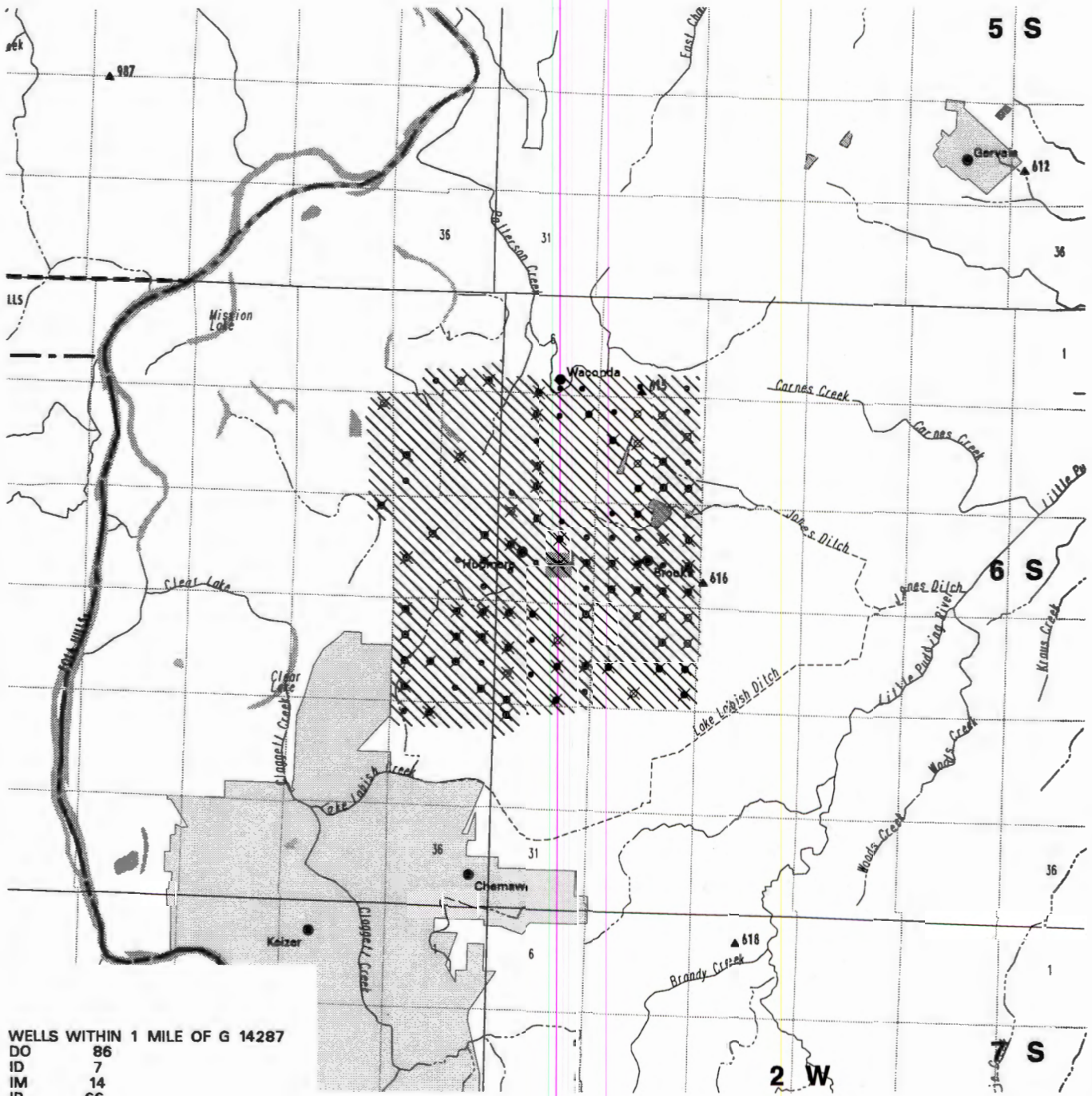
APPLICATIONS WITH PERMIT CONDITIONS: 6S, 2W, 18 NWSE

G13179	G13309	G13568	G12829
13058	13157	12606	13688
13362	13502	13187	12217
13305	13309	13478	13333
12581	13309	11943	13502
12725	13108	13285	13419
13296	13499	13385	13786
12504	12161	12161	13419
13365	13833	13161	13787

G13788	G13513
13372	13695
12789	13327
12793	
13282	
13282	

Wells in the vicinity of application G 14287

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- ✕ Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- ▲ OWRD Observation well and well-ld within 5 mi. radius of application well(s)
- Critical GW Area
- - - Regulated GW Area



WELLS WITHIN 1 MILE OF G 14287

DO	86
ID	7
IM	14
IR	66
MO	22
MU	2

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14287

PERMIT	T/R/S/QQ	USE	RATE	UNITS
G 2360	6.00S 3.00W 1SESE	IR	1.1100	C
G 3623	6.00S 3.00W 1SWSE	IR	0.8400	C
G 3623	6.00S 3.00W 1SWSE	IS	0.0700	C
G 3298	6.00S 3.00W11NENE	IR	0.2700	C
G 3298	6.00S 3.00W11NENE	IR	0.4900	C
GR 444	6.00S 3.00W12NWSW	IR	1.3393	C
G 3120	6.00S 3.00W12NWSE	IR	2.2000	C
GR 444	6.00S 3.00W14NENE	IR	0.6607	C
G 4804	6.00S 3.00W13SENE	IR	0.7300	C
G 7240	6.00S 3.00W13SENE	IR	1.0000	C
GR 2717	6.00S 3.00W13NWSW	IR	0.0670	C
G 7240	6.00S 3.00W13NESE	IR	0.5500	C
GR 2852	6.00S 3.00W13NESE	IR	1.2277	C
G 771	6.00S 3.00W24NWNW	IR	0.3000	C
G 5390	6.00S 3.00W24NWNW	IR	0.4100	C
G 5390	6.00S 3.00W24NWNW	IS	0.0400	C
G 9427	6.00S 3.00W24NWNW	IR	0.0400	C
G 10690	6.00S 3.00W24NWNW	IR	0.4700	C
G 10690	6.00S 3.00W24NWNW	NU	2.0000	C
GR 3074	6.00S 3.00W24NWNW	IR	0.2679	C
G 10690	6.00S 3.00W24NENE	IR	2.0000	C
G 10690	6.00S 3.00W24NENE	NU	2.0000	C
G 771	6.00S 3.00W24SWNW	IR	0.0700	C
G 771	6.00S 3.00W24SWNW	IR	0.3700	C
G 10115	6.00S 3.00W24SWNW	IR	0.1900	C
G 7310	6.00S 3.00W24SWNE	IR	0.0800	C
G 3962	6.00S 3.00W24SENE	IR	0.0700	C
G 562	6.00S 3.00W24NWSW	IR	0.1400	C
G 5863	6.00S 3.00W24NWSW	IR	0.0300	C
G 7717	6.00S 3.00W24NWSW	IR	0.1000	C
GR 2171	6.00S 3.00W24NESW	IR	0.5580	C
G 1383	6.00S 3.00W24NWSE	IR	0.0400	C
G 543	6.00S 3.00W24SWSW	IR	0.2300	C
G 11201	6.00S 3.00W24SESE	IR	1.5200	C
GR 890	6.00S 3.00W24SESE	IR	0.2567	C
G 7502	6.00S 3.00W25NENW	IR	0.1800	C
G 3786	6.00S 2.00W 6SESW	IR	0.6200	C
G 11401	6.00S 2.00W 6SESW	IR	0.0313	C
G 11401	6.00S 2.00W 6SESW	IR	0.0446	C
G 11401	6.00S 2.00W 6SESW	NU	0.0446	C
G 11401	6.00S 2.00W 6SESW	NU	0.2902	C
CG 3560	6.00S 2.00W 8NENW	IR	2.0600	C
CG 4422	6.00S 2.00W 8NENW	IM	1.0000	C
CG 4424	6.00S 2.00W 8NENW	IM	1.0900	C
G 2836	6.00S 2.00W 7NENE	IR	0.5600	C
G 5282	6.00S 2.00W 7NENW	IR	0.1400	C
G 11974	6.00S 2.00W 8NWNW	IM	2.0800	C
G 11974	6.00S 2.00W 8NWNW	IR	4.3300	C
G 6550	6.00S 2.00W 8SWNW	IR	0.1900	C
CG 2172	6.00S 2.00W 8SENE	IR	1.7700	C
CG 3560	6.00S 2.00W 8SENE	IR	2.0600	C
CG 4422	6.00S 2.00W 8SENE	IM	1.0000	C
CG 4424	6.00S 2.00W 8SENE	IM	1.0900	C
G 3560	6.00S 2.00W 8SENE	IR	2.0600	C
G 11974	6.00S 2.00W 8SENE	IM	2.0800	C
G 11974	6.00S 2.00W 8SENE	IR	4.3300	C
CG 2172	6.00S 2.00W 8SENE	IR	1.7700	C
CG 3560	6.00S 2.00W 8SENE	IR	2.0600	C
CG 4422	6.00S 2.00W 8SENE	IM	1.0000	C
CG 4424	6.00S 2.00W 8SENE	IM	1.0900	C
CG 2172	6.00S 2.00W 8NESW	IR	1.7700	C

CG	3560	6.00S	2.00W	8NESW	IR	2.0600	C
CG	4422	6.00S	2.00W	8NESW	IM	1.0000	C
CG	4424	6.00S	2.00W	8NESW	IM	1.0900	C
G	11974	6.00S	2.00W	8NWSE	IM	2.0800	C
G	11974	6.00S	2.00W	8NWSE	IR	4.3300	C
GR	3552	6.00S	2.00W	7NESW	IR	0.1920	C
GR	1994	6.00S	2.00W	7SESW	IR	0.0804	C
CG	2172	6.00S	2.00W	8SESW	IR	1.7700	C
CG	4422	6.00S	2.00W	8SESW	IM	1.0000	C
CG	4424	6.00S	2.00W	8SESW	IM	1.0900	C
G	4422	6.00S	2.00W	8SESW	IM	1.0000	C
G	4424	6.00S	2.00W	8SESW	IM	1.0900	C
G	7902	6.00S	2.00W	8SESW	IM	1.1000	C
G	11974	6.00S	2.00W	8SESW	IM	2.0800	C
G	11974	6.00S	2.00W	8SESW	IR	4.3300	C
CG	2172	6.00S	2.00W	8SWSE	IR	1.7700	C
CG	3560	6.00S	2.00W	8SWSE	IR	2.0600	C
CG	4422	6.00S	2.00W	8SWSE	IM	1.0000	C
CG	4424	6.00S	2.00W	8SWSE	IM	1.0900	C
G	4423	6.00S	2.00W	8SWSE	IM	2.6700	C
G	9943	6.00S	2.00W	8SWSE	IM	1.5700	C
G	11974	6.00S	2.00W	8SWSE	IM	2.0800	C
G	11974	6.00S	2.00W	8SWSE	IR	4.3300	C
G	9415	6.00S	2.00W	8SESE	IR	0.0500	C
G	6606	6.00S	2.00W	18NWNW	IR	0.2100	C
G	426	6.00S	2.00W	18NENW	IR	0.1300	C
G	5321	6.00S	2.00W	18NENW	IR	0.3900	C
CG	2172	6.00S	2.00W	17NENW	IR	1.7700	C
G	2172	6.00S	2.00W	17NENW	IR	1.7700	C
G	11974	6.00S	2.00W	17NENW	IM	2.0800	C
G	11974	6.00S	2.00W	17NENW	IR	4.3300	C
G	258	6.00S	2.00W	17NWNE	DO	0.1800	C
G	258	6.00S	2.00W	17NWNE	FP	0.1800	C
GR	413	6.00S	2.00W	17NWNE	GD	0.0446	C
G	9586	6.00S	2.00W	17NENE	AG	0.0300	C
G	9586	6.00S	2.00W	17NENE	AG	0.0400	C
G	9586	6.00S	2.00W	17NENE	IR	0.0200	C
GR	413	6.00S	2.00W	17NENE	GD	0.0446	C
GR	1139	6.00S	2.00W	18SWNW	IR	0.3482	C
G	253	6.00S	2.00W	18SWNE	IR	0.2400	C
G	7544	6.00S	2.00W	17SWNE	AG	0.6700	C
G	7544	6.00S	2.00W	17SWNE	IR	0.2400	C
G	3119	6.00S	2.00W	17SENE	IR	0.0700	C
GR	2653	6.00S	2.00W	18NWSE	IR	0.1116	C
GR	2657	6.00S	2.00W	18NESE	IR	0.0558	C
G	10393	6.00S	2.00W	17NWSW	IM	1.1100	C
G	817	6.00S	2.00W	17NESW	IR	0.0300	C
G	10393	6.00S	2.00W	17NESW	IM	1.1100	C
G	11228	6.00S	2.00W	17NESW	ST	2.2321	C
G	2037	6.00S	2.00W	17NESE	IR	0.4100	C
GR	1758	6.00S	2.00W	17NESE	IR	0.0893	C
G	11228	6.00S	2.00W	17SWSW	ST	2.2321	C
G	315	6.00S	2.00W	17SESW	IR	0.4500	C
G	4004	6.00S	2.00W	17SWSE	IR	0.1100	C
G	7456	6.00S	2.00W	17SESE	IR	0.4400	C
GR	1007	6.00S	2.00W	17SESE	IR	0.1339	C
GR	1705	6.00S	2.00W	17SESE	IR	0.2232	C
G	3787	6.00S	2.00W	19NWNW	IR	1.1600	C
G	7731	6.00S	2.00W	19NWNW	IR	0.3100	C
GR	2715	6.00S	2.00W	19NWNW	IR	0.7924	C
G	11201	6.00S	2.00W	19NENW	IR	1.5200	C
G	4052	6.00S	2.00W	19NENE	IR	1.1000	C
G	5708	6.00S	2.00W	19NENE	IR	0.1500	C
G	11228	6.00S	2.00W	19NENE	ST	2.2321	C
G	6176	6.00S	2.00W	20NENW	IR	0.7800	C
G	4628	6.00S	2.00W	20NWNE	IR	0.4400	C

G	7319	6.00S	2.00W20NENE	IR	0.4800	C
G	11201	6.00S	2.00W19SWNW	IR	1.5200	C
GR	1690	6.00S	2.00W19SWNW	IR	0.2232	C
GR	1691	6.00S	2.00W19SWNW	IR	0.2232	C
G	5708	6.00S	2.00W19SWNE	IR	0.8700	C
G	6293	6.00S	2.00W20SWNE	IR	0.9600	C
G	7274	6.00S	2.00W20SENE	IR	0.0400	C
GR	3209	6.00S	2.00W19NWSE	IR	0.4464	C
G	7486	6.00S	2.00W19NESE	IR	0.1200	C
GR	2126	6.00S	2.00W19NESE	IR	0.3348	C
GR	2920	6.00S	2.00W20NWSW	IR	0.0670	C
GR	179	6.00S	2.00W20NWSE	IR	1.5625	C
G	6422	6.00S	2.00W20NESE	IR	0.8100	C
G	11201	6.00S	2.00W19NWSW	IR	1.5200	C
G	2891	6.00S	2.00W19SWSE	IR	1.4700	C
G	3646	6.00S	2.00W20SESW	IR	2.1900	C
GR	179	6.00S	2.00W20SESE	IR	1.5625	C
G	1406	6.00S	2.00W19SWSW	IR	0.0800	C
G	7567	6.00S	2.00W30NWNW	IR	0.3900	C

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology
FROM: Marc Norton
SUBJECT: Groundwater Application G- 14287

Date 9/26/96

Applicants(s) seek 30 gpm (_____ cfs) from one wells in the Willamette basin
Pilot Corp - Potable Water truck Stop _____ sub basin
_____ sub basin

Pertinent 7 1/2 - minute quads Gervais _____

Well _____ WRD# _____ T 6S R 2W S 18 QQ _____ County Marion

Proposed Well

Legal Description _____
Well is 3250 ft from Jones Ditch (river/stream)
Well is 4250 ft from UnNamed trib to Finney Eyal Lake (river/stream)
Well Elevation _____ ft River/Stream elevation _____ ft.
Well Elevation - River/Stream elevation _____ ft.
Well depth 120 ft SWL 30 ft on _____
Sealed to _____ ft Depth first water found _____ ft
Cased to _____ ft Perforations/screens _____ ft
Lined to _____ ft Perforations/screens _____ ft
Well test and types _____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? Minimal

Well _____ WRD# _____ T _____ R _____ S _____ QQ _____ County _____

Legal Description _____
Well is _____ ft from _____ (river/stream)
Well is _____ ft from _____ (river/stream)
Well Elevation _____ ft River/Stream elevation _____ ft.
Well Elevation - River/Stream elevation _____ ft.
Well depth _____ ft SWL _____ ft on _____
Sealed to _____ ft Depth first water found _____ ft
Cased to _____ ft Perforations/screens _____ ft
Lined to _____ ft Perforations/screens _____ ft
Well test and types _____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? _____

Conditioned water rights in area: _____
Other nearby water rights of record: _____
Density of nearby wells: _____

Comments: _____

References Used: _____



62

52

50

5

4991

61

Finney and Egan Lake

Waconda

6

SALEM

170

172

180

61

1374 II SE
(MISSION BOTTOM)

68

BM 178

62

C

Handwritten: #8 1350, #11 1500, #12 1250, #14 1850, #16 1850, G-14105

63

63

N

WHEATLAND 4.4 MI.
WHEATLAND FERRY 4.1 MI.

Hopmere

Handwritten: 14250'

E

Bethel Gospel Park

4988

66

75

R

Brooks

BM 183

PACIFIC

2'30"

Buena Crest Sch

Handwritten: G-14270

64

4987

Quinaby

-19

20

219

BURLINGTON

FREEWAY

HIGHWAY

4986

24

Quinaby

Handwritten: G-14260

SOUTHERN

20

KEIZER 2.9 MI.

2500'

182

BM 183

Lake Labish School

70

71

BALDOCK

PACIFIC

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-14287

ROUTED TO: WR

TOWNSHIP/
RANGE-SECTION: 65/2W-18

CONDITIONS ATTACHED? yes no.

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Manal Khaton